APCY-H Series

High Efficiency
Air-Cooled Screw Chillers

اجهـزة تكييف هـواء
AIR CONDITIONING EQUIPMENT

GCC PRODUCT منتج خليجي
Since 1974

R-134a
REFRIGERANT

Range 80 TR to 495 TR
(280 kW to 1740 kW)
50/60 Hz

CE

AHRI CERTIFIED®
www.ahridirectory.org
Air-Cooled Water Chilling Packages
AHRI Standards 550/590 and 551/591

bsi
ISO 9001 Quality Management Systems CERTIFIED
ISO 14001 Environmental Management CERTIFIED
ISO 45001 Occupational Health and Safety Management CERTIFIED

Contents

Legend

The following legends are used throughout this manual:

tonR.....Tons of Refrigeration
kW.....Kilowatt
EER.....Energy Efficiency Ratio
COP.....Coefficient of Performance
IPLV.....Integrated Part Load Value
WFR.....Water Flow Rate
WPD.....Water Pressure Drop
LWT.....Leaving Water Temperature
EWT.....Entering Water Temperature

US Gal....US Gallon
ft^2.....Feet Square
m^2.....Meter Square
gpm.....Gallons Per Minute
L/s.....Litres per Second
ft H2O.....Feet of Water
kPa.....Kilopascal
cfm.....Cubic Feet per Minute

V.....Volts
Ph.....Phase
Hz.....Hertz
°F.....Degree Fahrenheit
°C.....Degree Celsius
in.....Inch
mm.....Millimeter
kgs.....Kilograms
lbs.....Pounds

Nomenclature

APC Y 5 155 D H Y

- Power Supply Code
  - Y : 380-415V/3Ph/50.Hz
  - P : 440V/3Ph/50.Hz *
  - R : 380-400V/3Ph/60.Hz
  - E : 460V/3Ph/60.Hz
  - T : 220V/3Ph/60.Hz *

  * (Consult SKM)
- H : High Efficiency
- No. of Refrigeration circuits
  D – Double
  T – Triple
- Nominal Capacity (tonR)
- Power Supply Frequency 5 : 50.Hz, 6 : 60.Hz
- Y-version
  Screw Compressor, R-134a
- Air Cooled
  Packaged Chillers

SKM reserves the right to change, in part or in whole the specifications of its Air Conditioning Equipment at any time in order to add the latest technology. Therefore, the enclosed information may change without any prior notice.

SKM Air Conditioning L.L.C

اجهزة تكييف هواء
AIR CONDITIONING EQUIPMENT

You name it.....We cool it

Introduction

SKM screw chillers are developed to provide the right solution to the increasing requirements of energy savings for both commercial and industrial applications where exceptional reliability is never compromised. These chillers are driven by a cutting-edge screw compressor technology, in addition to the precise machining screw profile it features a high performance and high efficiency with 5 to 6 ratio screw rotor profile designed specifically for modern refrigerant characteristics, double-walled rotor housing, robust in construction and have a very few moving parts to minimize noise and ensure rigidity, Stepless capacity control system and automatic start unloading are provided as standard. The stepless capacity control provides precise capacity as required by the system load and thus giving higher part load efficiencies.

SKM screw chillers have minimum vibration ideal for vast range of applications including hotels, high-rise buildings, stores, hospitals, and modern cooling applications of modern manufacturing industries. These chillers are designed and manufactured as per SKM Quality, Environment, Occupational, Health and Safety Management Systems that confirms with ISO 9001:2015, ISO 14001:2015, and ISO 45001:2018 and certified in accordance with the AHRI Air-Cooled Water-Chilling Packages Certification Program which is based on AHRI Standard 550/590 (I-P) and AHRI Standard 551/591 (SI). Certified units can be found in AHRI Directory at www.ahridirectory.org.

General Features

High Efficiency at Full Load and Part Load Conditions

SKM Chillers are specifically designed to achieve high energy efficiency in both full load and part-load operations and achieves ASHRAE 90.1 requirement, provide tremendous savings in operating costs by using high efficiency semi hermetic screw compressor due to perfect screw profile and precise machining.

The stepless capacity control provides precise capacity as required by the system load and thus giving higher part load efficiencies. The compressor can be loaded from 25 to 100% of capacity depending upon the requirement through state of the art microprocessor control which precisely monitors the water temperature and accurately modulates the compressor accordingly.

Wide Operating Range

SKM air cooled chillers are designed and capable to operate as standard at wide range of ambient temperature from 25°F (-4°C) to 131°F (55°C).

Factory Testing

SKM air cooled chillers are factory tested before delivery and are ready for installation. Complete check in wirings, sensors, electrical and mechanical components, safety operation, controls, set-points, and run test are carried out in order to ensure trouble free operation during start-up at site. After factory run-test, units are fitted with new filter drier core and the evaporator water side is charged with nitrogen.

Main Component Features

Compressor

The compressor used is high performance and high efficiency screw compressors which are with 5 to 6 ratio screw rotor profile designed specifically for modern refrigerant characteristics, double-walled rotor housing, robust in construction and have a very few moving parts to minimize noise and ensure rigidity. Screw Compressors are directly flanged on a three stage oil separator with low oil carry over and pressure drop demister to ensure minimal refrigerant dilution in the oil and maintain high oil viscosity. Oil sight glass, oil drain valve, oil heater, discharge check valve, discharge stop valve are available as standard.

Continuous (Stepless) capacity control system and automatic start unloading are provided as standard.
All compressors are provided with motor winding temperature protection, discharge temperature protection, phase reversal protection, phase failure protection and oil level protection.

Condenser Coil

Condenser coils are manufactured from seamless Hi-X copper tubes mechanically bonded to aluminum fins to ensure optimum heat transfer. The condenser fins are non-slit suitable even for dusty conditions ensuring ease of maintenance and avoid unit under performance and trip from coil blockage.

Condenser fin materials should be matched with site conditions to inhibit coil corrosion and ensure extended equipment life. Optional condenser fin material protective coating and microchannel condenser are available. (Refer to Factory installed Options list).

Condenser Fan

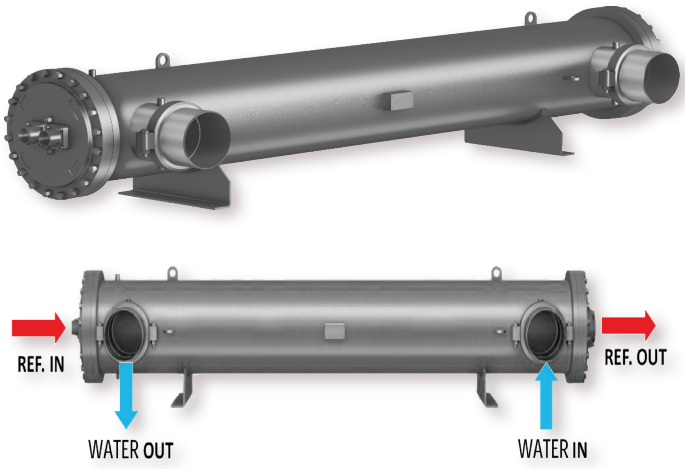
Condenser fans are propeller type with aluminum alloy blades and are directly driven by electric motors. Motors are Totally Enclosed Air Over (TEAO), six pole or four pole with Class F insulation and IP54/55 protection depending on models. Complete fan assembly is provided with fan guard protection.

Evaporator

The evaporators used are direct expansion shell and tube with removable head. Evaporator shell is made of carbon steel, Tubes of copper fixed to steel end plates, baffles are provided in the water flow to increase heat transfer efficiency. Evaporators are provided with drain and vent plugs. Evaporator shell is insulated with 3/4" (19mm) thick flexible closed cell insulation, K factor 0.28 Btu. in/ft².h.°F (0.04W/m.°K).

Maximum working pressure of waterside is 145 psig (1000 kPa) and refrigerant side is 239.3 psig (1650 kPa).

ASME stamped evaporators are available as an option.



Expansion Valve

Electronic expansion valve is used for precise control of refrigerant mass flow. Our electronic expansion valve improves EER (Energy Efficiency Ratio) at full & part-load condition.

Also it improves temperature control & increases the range of operating conditions.

- Stepper motor operated for precise control.
- External parts of the valve are brass and copper meet 2000 hours of salt spray tests per ASTM B-117.
- Maximum working pressure of 620 psig and ambient temperature range of -50ºF to 140ºF.

Casing and Structure

The unit casing is made of zinc coated galvanized steel sheets conforming to JIS-G 3302 and ASTM A 653 which is phosphatized and baked after an electrostatic powder coat of approximately 60 microns. This finish and coating can pass a 1000 hours in 5% salt spray testing at 95°F (35°C) and 95% RH as per ASTM B117.

The units are assembled on rigid structural steel skid channels painted with one coat galvanized primer and one coat black enamel. The package is assembled for easy handling during transportation and robust support during installation and operation.

Refrigerant Piping

The refrigeration circuit piping is fabricated from ACR grade copper piping. Each refrigeration circuit includes filter drier, expansion valve and shut off valve. The refrigeration circuit suction line is insulated with ½" (13mm) wall thickness closed cell pipe insulation.

Economizer

SKM Screw Chillers are equipped with economizer. Economizer operation improves both cooling capacity and efficiency by increasing sub-cooling where part of the liquid refrigerant is flashed to an intermediate pressure which is used to cool the remaining liquid refrigerant. This flash refrigerant is then fed into a compressor where it helps to cool the vapour from the main circuit.

The Economizer channel is feeding the flashed refrigerant into the compression chamber of the compressor.

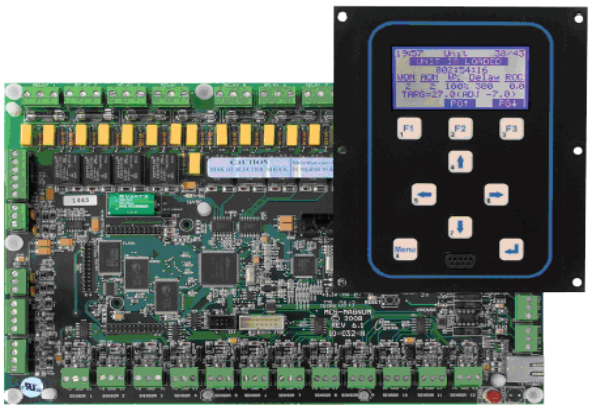
The components of an economizer cycle includes plate type heat exchanger, expansion valve, ECO muffler kit and prescribed valves.

Control Panel

The unit mounted chiller control panel enclosure is fabricated out of heavy gauge sheet steel in phosphatized powder coated baked finish. The enclosure conforms to IP54 as per guidelines in IEC 529. A hinged access door and key-fastener is provided for easy access and security. The panel is factory wired in accordance with NEC 430 & 440, labeled, tagged and features 220V / 240V controls.

- Compressors are with star-delta start.
- Individual compressor and condenser fan motor contactors.
- Thermal magnetic circuit breakers for compressors and condenser fan motors.
- Voltage monitoring module for protection against under voltage, over voltage, phase loss, phase reversal and phase unbalance of the incoming voltage.
- Circuit breaker for control circuit.
- Remote/Off/Local selector switch.
- Microprocessor master board with graphical display.
- Microprocessor expansion boards as required.
- Electronic expansion valve control boards.
- Control Relays.
- Pump down switches.
- Volt free contacts for run, common fault and auto mode indications.
- Provision for accepting volt free contact for remote start/ stop.
- Control terminal blocks and power terminal blocks/bus bars.

Microprocessor Controller



Microprocessor control system is available for SKM Chiller as a standard feature. Our high energy efficient chiller has a full function microprocessor control unit designed to keep the chiller running at its most energy efficient level. It is a rugged microprocessor based controller that is designed for the hostile environment of HVAC industry.

It provides flexibility with set points and control options that can be selected prior to commissioning a system or when the unit is live and functioning. Displays, alarms and other interfaces are accomplished in a clear and simple language that informs the user as to the status of the system. It is designed to safeguard the system that is being controlled, eliminate the need for manual intervention and to provide a simple but meaningful man-machine-interface.

This controller provides complete operational control for the chiller and has built-in auto diagnostic capability that can signal normal operation or alarm conditions as well as shutting down the chiller or system, if necessary.

The Main Features of the controller are as follows:

- A large graphical LCD Display (2.8″ diagonal) with back-lit that can be seen in bright or dim lighting.
- A nine button generic keypad that is so user friendly, it rarely requires a reference manual.
- Battery backed up built in real time clock to program the chiller for 2 starts and 2 stops daily to provide the information about the running hours of the compressors.
- Multiple authorization levels to provide tight security of the control system.
- Two operating schedules per each day of the week and 8 holidays.
- The system provides ‘last time’ enabled & disabled, number of cycles, and total run hours.
- Automatic Lead/Lag changeover of the compressors.
- Pump-down at the beginning and end of every circuit cycle.
- Capacity control based on leaving chilled water temperature. A special control zone based on leaving water temperature that reduces compressor cycling, and improved unit part load efficiency.
- Start/stop facility from remote through Volt Free Contact (VFC) .
- Common Run, Fault and remote mode operation status volt free contacts provided for remote signaling.

Display Information

SKM Chillers offer a graphics LCD display which allows the operator to access different parameters of the chiller. Operator can view and change the set point of chiller parameters. The graphical display has lot of features, trending is one of the key features of graphical display, which shows last 25 samples with an appropriate scale to allow it to fit on the display.

The well designed keypad with three function keys, four direction keys and two selection keys allows the operator to navigate through different Menu, such as:

- Status.
- Outputs.
- Inputs.
- Alarms.
- Graphs.
- Setpoint.
- Service tools.
- Lockout Reset.
- Lockout Alarm.
- Password.

System Control Philosophy

The unit may be enabled or disabled manually or through the use of an external signal from a building automation system.

Control is based upon leaving chilled water temperature. How fast the temperature changes is calculated and capacity decisions are based upon the rate, the current temperature, and the control temperature zone.

Capacity is never added if the system is moving toward the temperature target at an acceptable rate. The unit will monitor all control functions and stage the compressor to maintain the required operating capacity.

Easy Accessible Measurements Include:

- Status of the chiller.
- Status of each circuit/compressor.
- Status of condenser fans.
- Leaving and Entering chilled water temperature.
- Suction pressure and temperature for each refrigerant circuit.
- Discharge pressure and temperature for each refrigerant circuit.
- Suction and discharge superheat for each refrigerant circuit.
- Winding temperature for each compressor.
- Ampere draw for each compressor.
- Expansion valve opening percentage.
- Ambient temperature.
- All active set points.
- Run time for each compressor.
- Number of compressor starts.
- Lockout and alarm status.
- Status of water flow switch, voltage monitor, compressor internal motor protector, oil level switch, run/stop input and pump down switches.
- Log of last 100 alarms.
- Lead compressor identification.
- Date and time.
- Graphs of all inputs and outputs.

System Protection

The following system protection controls will automatically act to insure system reliability and protection of the unit.

- Low suction pressure protection.
- High discharge pressure protection.
- High discharge temperature protection.
- Low discharge pressure protection.
- Low oil level protection.
- High compressor motor winding temperature protection.
- Low superheat protection.
- High compressor ampere protection.
- Compressor internal thermal protection.
- Freeze protection.
- Under voltage, over voltage, phase loss, phase reversal and phase unbalance protection.
- Chilled water flow loss protection.
- Sensor error protection.
- Pump down.
- Anti-recycle.
- Time delay between stages.
- 4-Levels of passwords to restrict the intentional mishandling.

Optional Features available for the Micro Controller

PC Support Software

PC software to communicate with microprocessor is available as an optional feature. It can provide both local and remote communications to the chiller microprocessor. This program allows viewing the entire status of chiller, inputs, outputs, set points, alarms, graphs etc.

If there is more than one chiller, these chillers can be connected together via RS-485 network which can support up to 20 chillers. Access to this network can be local, or remote via 14.4K Baud modem. Each chiller in the network must be assigned to a unique address. This address can be changed from the LCD/keypad of the unit or through the PC software. RS 485 transmission should not exceed 1 mile without repeater. For Ethernet communication, it is necessary to use a crossover cable when connected directly to a PC.

This software can run with Windows 7 or newer version.

BMS Communication

BMS communication with the chiller microprocessor is possible through hardwired signals or major BMS protocols.

Hard wired signals

Volt free contacts for Run, Common fault and Auto mode indications and provision for remote start/stop are provided as standard feature. In addition to these, below options can be provided if specified.

- Emergency Stop – A volt free contact from BMS to chiller, which is normally closed and opens on an emergency shut down condition. It will make the chiller to shut down immed -iately bypassing normal shut down procedure.
- Chilled water reset – A 0-5VDC signal from BMS to chiller, which allows resetting chilled water set point around an acceptable range.

BMS protocols

The chiller controller can be configured to interface with the common building management system protocols such as Modbus RTU, Modbus TCP/IP or BacNet IP which are built-in and do not require any additional hardware/gateway.

For interacting the chiller microprocessor with BMS protocols such as LonTalk, BacNet MSTP or Johnson N2, an optional gateway interface is required.

BMS interface allows to monitor the status of chiller and individual circuits, all inputs and outputs, chilled water set point etc.

Factory Installed Options

Alternative Condenser Material

Made of copper tubes and alternative fin material and/or protective coats.

- Condenser coil with Pre Coated Aluminum fins, specify **(FAP)**.
- Condenser coil with Aeris Coated Aluminum fins, specify **(FAA)**.
- Condenser coil with Copper fins, specify **(FC)**.
- Condenser coil with Aeris Coated copper fins, specify **(FCA)**.

Microchannel Condenser Coils (MCHE)

Optional Micro Channel Condenser coil for improved galvanic corrosion resistant due to single material and reduced unit weight & refrigerant charge.

Microchannel Condenser Coils with Aeris Coating (MCHEA)

Condenser Coil Guard (CGP)

Galvanized wire mesh guard with painted finish for condenser coils. Recommended on ground level installations where coil needs to be protected against vandalism.

ASME Stamped Evaporator (ASE)

Shell and Tube evaporator with ASME stamp.

Evaporator Casing (ECA/ECG/ECS)

Evaporator enclosed in a casing of Aluminium / Galvanized Steel / Stainless Steel, and injected with polyurethane foam 1.5" (38mm) insulation thickness.

Pressure Guages (Suction / Discharge) (SDG1)

Suction & discharge pressure indication of each refrigerant circuit. Gauges are mounted outside the Control Panel.

Extra Shut Off Valve (XFV)

Extra Shut off valve in liquid line to fully isolate the filter drier.

Pressure Relief Valve (PRV)

To protect the chiller from hi-pressure in the event of failure of primary high pressure safety mechanisims.

Compressor & Evaporator Guard (CEG)

Powder coated galvanized welded mesh guard to protect Compressor, Evaporator & other piping accessories.

Compressor Sound Enclosure (CSE)

Compressor sound enclosure with insulated panels is mounted around the compressor, to reduce sound.

Suction Shut off Valve (SSOV)

Screw compressors are with suction shut off valves to isolate the compressor from the evaporator, this may be beneficial when servicing the chiller.

Marine Paint (MP)

Marine Painting on casing and steel structure up to 140 microns, to improve corrosion resistance in coastal environments and off-shore locations.

Ammeter & Phase Selector Switch (AMPC)

To indicate running AMPS of each compressor.

Ammeter & Phase Selector switch (AMPI)

To indicate running AMPS on main incomer of a chiller.

BMS Interface thru protocol (BMSP)

For interacting the chiller microprocessor with BMS protocols such as LonTalk, BACnet MSTP or Johnson N2.

Voltage Monitoring Module as per DEWA (DVM)

Under voltage relay as per DEWA specification.This option is available for Dubai,UAE only.

Evaporator Freeze Up Protection (EFP)

Heating cable with thermostat to prevent evaporator freeze-up where low ambient temperatures below 32ºF (0ºC) are anticipated with/out chiller operation.

IP55 Control Panel Enclosure (ICP)

Control Panel for special applications to meet IP55 requirements.

Main Isolator (ISO1)

Main Isolator with Door interlock.

Soft Starter (SFS)

Compressors will be started using electronic solid state soft starters that will ramp up the speed of the compressors to rated speed within few seconds thus reducing the mechanical & electrical stresses .

Voltmeter & Selector Switch (VSS)

For incoming line voltage.

Touch Screen Interface Monitor (TSIM)

Optional touchscreen interface designed to provide user with both graphics and service mode access.

Options for Field Installation

Anti-vibration mounts, spring type

Recommended for roof mounted units or other locations in the vicinity of occupied spaces, where noise/vibration may be objectionable. Can be supplied loose for site installation.

- Anti-vibration mounts for Condenser coil with Aluminum fins **(CAVM)**.
- Anti-vibration mounts for Condenser coil with Copper fins **(FCVM).**
- Anti-vibration mounts for Micro channel Condenser coil **(MCHEVM)**.

Hi-Lo Pressure Gauges-Loose (CSDG1)

Without piping or isolating pet cocks.

Victaulic Coupling Kit (VCK)

Coupling kit for Evaporator Water Connection.

GENERAL DATA - 50.Hz

Model	-	APCY5080DH	APCY5085DH	APCY5090DH	APCY5095DH	APCY5105DH	APCY5115DH	APCY5125DH	APCY5130DH
Compressor	-	Semi Hermetic, Screw							
Quantity	#	2	2	2	2	2	2	2	2
Oil Charge(CPI Solest 220)	US Gal	3.7 / 3.7 / -	4.2 / 3.7 / -	4.2 / 4.2 / -	4.2 / 4.2 / -	4.2 / 4.2 / -	4.2 / 4.2 / -	4.2 / 4.2 / -	4.2 / 4.2 / -
Ckt (A / B / C)	Litre	14 / 14 / -	16 / 14 / -	16 / 16 / -	16 / 16 / -	16 / 16 / -	16 / 16 / -	16 / 16 / -	16 / 16 / -
Condenser Coil	-	Air Cooled 4 rows, 14 fpi (1.81mm) fin spacing, copper tubes Aluminum fins							
Face Area	ft²	156.0	156.0	156.0	156.0	208.0	208.0	208.0	208.0
	m²	14.49	14.49	14.49	14.49	19.32	19.32	19.32	19.32
Condenser Fan	-	Propeller Direct Drive							
Fan size x Quantity	-	800 x 6	800 x 6	800 x 6	800 x 6	800 x 8	800 x 8	800 x 8	800 x 8
Fan Motor	-	Totally enclosed air over, Class F insulation, 6 pole, IP - 55 protected							
Air Flow Rate	cfm	67,224	67,224	67,224	67,224	89,632	89,632	89,632	89,632
	L/s	31,726	31,726	31,726	31,726	42,302	42,302	42,302	42,302
Evaporator	-	Direct Expansion Shell and Tube							
Quantity	#	1	1	1	1	1	1	1	1
Water Volume	US Gal	29.10	29.10	29.10	29.10	31.50	31.50	39.40	39.40
	Litre	110.0	110.0	110.0	110.0	119.2	119.2	149.0	149.0
Refrigerant Circuits	#	2	2	2	2	2	2	2	2
Refrigerant Charge (A / B / C)	lbs	127.8 / 126.2 / -	127.8 / 126.2 / -	127.8 / 126.2 / -	128.7 / 126.2 / -	167.3 / 164.6 / -	181.1 / 164.6 / -	182.9 / 179.0 / -	184.4 / 179.0 / -
Fin and Tube (Standard)	kgs	57.96 / 57.23 / -	57.96 / 57.23 / -	57.96 / 57.23 / -	58.37 / 57.23 / -	75.87 / 74.65 / -	82.13 / 74.65 / -	82.95 / 81.18 / -	83.63 / 81.18 / -
Refrigerant Charge (A / B / C)	lbs	72.34 / 70.73 / -	72.34 / 70.73 / -	72.34 / 70.73 / -	73.16 / 70.73 / -	93.27 / 90.64 / -	107.1 / 90.64 / -	108.9 / 105.0 / -	110.4 / 105.0 / -
Microchannel (MCHE Option)	kgs	32.81 / 32.08 / -	32.81 / 32.08 / -	32.81 / 32.08 / -	33.18 / 32.08 / -	42.30 / 41.11 / -	48.57 / 41.11 / -	49.39 / 47.62 / -	50.07 / 47.62 / -

Model	-	APCY5140DH	APCY5155DH	APCY5165DH	APCY5175DH	APCY5185DH	APCY5195DH	APCY5210DH	APCY5230DH
Compressor	-	Semi Hermetic, Screw							
Quantity	#	2	2	2	2	2	2	2	2
Oil Charge(CPI Solest 220)	US Gal	4.2 / 4.2 / -	4.2 / 4.2 / -	4.5 / 4.2 / -	4.5 / 4.5 / -	5 / 4.5 / -	5 / 5 / -	6.1 / 5 / -	6.1 / 6.1 / -
Ckt (A / B / C)	Litre	16 / 16 / -	16 / 16 / -	17 / 16 / -	17 / 17 / -	19 / 17 / -	19 / 19 / -	23 / 19 / -	23 / 23 / -
Condenser Coil	-	Air Cooled 4 rows, 14 fpi (1.81mm) fin spacing, copper tubes Aluminum fins							
Face Area	ft²	260.0	260.0	260.0	260.0	260.0	312.0	312.0	312.0
	m²	24.15	24.15	24.15	24.15	24.15	28.99	28.99	28.99
Condenser Fan	-	Propeller Direct Drive							
Fan size x Quantity	-	800 x 10	800 x 10	800 x 10	800 x 10	800 x 10	800 x 12	800 x 12	800 x 12
Fan Motor	-	Totally enclosed air over, Class F insulation, 6 pole, IP - 55 protected							
Air Flow Rate	cfm	112,040	112,040	112,040	112,040	112,040	134,448	134,448	134,448
	L/s	52,877	52,877	52,877	52,877	52,877	63,452	63,452	63,452
Evaporator	-	Direct Expansion Shell and Tube							
Quantity	#	1	1	1	1	1	1	1	1
Water Volume	US Gal	39.40	62.60	62.60	62.60	62.60	62.60	62.6	74.8
	Litre	149.0	237.0	237.0	237.0	237.0	237.0	237.0	283.0
Refrigerant Circuits	#	2	2	2	2	2	2	2	2
Refrigerant Charge (A / B / C)	lbs	216.4 / 209.1 / -	221.6 / 214.4 / -	221.6 / 214.4 / -	221.6 / 214.4 / -	224.5 / 214.4 / -	264.6 / 256.0 / -	303.6 / 256.0 / -	308.5 / 291.6 / -
Fin and Tube (Standard)	kgs	98.14 / 94.83 / -	100.5 / 97.23 / -	100.5 / 97.23 / -	100.5 / 97.23 / -	101.8 / 97.23 / -	120.0 / 116.1 / -	137.7 / 116.1 / -	139.9 / 132.2 / -
Refrigerant Charge (A / B / C)	lbs	123.9 / 116.6 / -	129.1 / 121.9 / -	129.1 / 121.9 / -	129.1 / 121.9 / -	132.0 / 121.9 / -	153.6 / 145.0 / -	192.6 / 145.0 / -	197.5 / 180.6 / -
Microchannel (MCHE Option)	kgs	56.19 / 52.88 / -	58.55 / 55.28 / -	58.55 / 55.28 / -	58.55 / 55.28 / -	59.86 / 55.28 / -	69.66 / 65.76 / -	87.35 / 65.76 / -	89.57 / 81.90 / -

Table 1

GENERAL DATA - 50.Hz

Model	-	APCY5250DH	APCY5265DH	APCY5285DH	APCY5300DH	APCY5325DH	APCY5345DH	APCY5365TH	APCY5380TH
Compressor	-	Semi Hermetic, Screw							
Quantity	#	2	2	2	2	2	2	3	3
Oil Charge(CPI Solest 220)	US Gal	6.9 / 6.1 / -	6.9 / 6.9 / -	7.4 / 6.9 / -	7.4 / 7.4 / -	7.4 / 7.4 / -	7.4 / 7.4 / -	6.9 / 6.1 / 6.1	6.9 / 6.9 / 6.1
Ckt (A / B / C)	Litre	26 / 23 / -	26 / 26 / -	28 / 26 / -	28 / 28 / -	28 / 28 / -	28 / 28 / -	26 / 23 / 23	26 / 26 / 23
Condenser Coil	-	Air Cooled 4 rows, 14 fpi (1.81mm) fin spacing, copper tubes Aluminum fins							
Face Area	ft²	364.0	364.0	416.0	416.0	468.0	468.0	520.0	520.0
	m²	33.82	33.82	38.65	38.65	43.48	43.48	48.31	48.31
Condenser Fan	-	Propeller Direct Drive							
Fan size x Quantity	-	800 x 14	800 x 14	800 x 16	800 x 16	800 x 18	800 x 18	800 x 20	800 x 20
Fan Motor	-	Totally enclosed air over, Class F insulation, 6 pole, IP - 55 protected							
Air Flow Rate	cfm	156,856	156,856	179,264	179,264	201,672	201,672	224,080	224,080
	L/s	74,028	74,028	84,603	84,603	95,179	95,179	105,754	105,754
Evaporator	-	Direct Expansion Shell and Tube							
Quantity	#	1	1	1	1	1	1	1	1
Water Volume	US Gal	74.80	74.80	94.20	94.20	94.20	94.20	114.10	114.10
	Litre	283.0	283.0	356.6	356.6	356.6	356.6	431.9	431.9
Refrigerant Circuits	#	2	2	2	2	2	2	3	3
Refrigerant Charge (A / B / C)	lbs	340.0 / 328.6 / -	340.0 / 331.6 / -	389.3 / 365.2 / -	389.3 / 369.3 / -	433.0 / 422.0 / -	433.0 / 422.0 / -	380.7 / 289.4 / 287.8	349.7 / 322.1 / 287.8
Fin and Tube (Standard)	kgs	154.2 / 149.0 / -	154.2 / 150.4 / -	176.6 / 165.6 / -	176.6 / 167.5 / -	196.4 / 191.4 / -	196.4 / 191.4 / -	172.7 / 131.2 / 130.5	158.6 / 146.1 / 130.5
Refrigerant Charge (A / B / C)	lbs	210.5 / 199.1 / -	210.5 / 202.1 / -	241.3 / 217.2 / -	241.3 / 221.3 / -	266.5 / 255.5 / -	266.5 / 255.5 / -	232.7 / 178.4 / 176.8	220.2 / 192.6 / 176.8
Microchannel (MCHE Option)	kgs	95.46 / 90.29 / -	95.46 / 91.66 / -	109.4 / 98.50 / -	109.4 / 100.4 / -	120.9 / 115.9 / -	120.9 / 115.9 / -	105.5 / 80.91 / 80.18	99.86 / 87.35 / 80.18

Model	-	APCY5395TH	APCY5410TH	APCY5425TH	APCY5455TH	APCY5475TH	APCY5495TH	APCY5520TH
Compressor	-	Semi Hermetic, Screw						
Quantity	#	3	3	3	3	3	3	3
Oil Charge(CPI Solest 220)	US Gal	6.9 / 6.9 / 6.9	7.4 / 6.9 / 6.9	7.4 / 7.4 / 6.9	7.4 / 7.4 / 7.4	7.4 / 7.4 / 7.4	7.4 / 7.4 / 7.4	7.4 / 7.4 / 7.4
Ckt (A / B / C)	Litre	26 / 26 / 26	28 / 26 / 26	28 / 28 / 26	28 / 28 / 28	28 / 28 / 28	28 / 28 / 28	28 / 28 / 28
Condenser Coil	-	Air Cooled 4 rows, 14 fpi (1.81mm) fin spacing, copper tubes Aluminum fins						
Face Area	ft²	572.0	572.0	624.0	624.0	780.0	780.0	780.0
	m²	53.14	53.14	57.97	57.97	72.46	72.46	72.46
Condenser Fan	-	Propeller Direct Drive						
Fan size x Quantity	-	800 x 22	800 x 22	800 x 24	800 x 24	800 x 24	800 x 24	800 x 24
Fan Motor	-	Totally enclosed air over, Class F insulation, 6 pole, IP - 55 protected						
Air Flow Rate	cfm	246,488	246,488	268,896	268,896	278,592	278,592	278,592
	L/s	116,329	116,329	126,905	126,905	131,481	131,481	131,481
Evaporator	-	Direct Expansion Shell and Tube						
Quantity	#	1	1	1	1	1	1	1
Water Volume	US Gal	114.1	114.1	114.1	172.0	172.0	172.0	163.5
	Litre	431.9	431.9	431.9	651.1	651.1	651.1	618.9
Refrigerant Circuits	#	3	3	3	3	3	3	3
Refrigerant Charge (A / B / C)	lbs	403.3 / 351.7 / 354.6	407.4 / 351.7 / 354.6	413.0 / 383.8 / 398.8	417.5 / 388.4 / 407.5	465.5 / 436.4 / 455.5	465.5 / 436.4 / 455.5	468.7 / 439.5 / 458.6
Fin and Tube (Standard)	kgs	182.9 / 159.5 / 160.8	184.8 / 159.5 / 160.8	187.3 / 174.1 / 180.9	189.3 / 176.1 / 184.8	211.1 / 197.9 / 206.6	211.1 / 197.9 / 206.6	212.6 / 199.3 / 208.0
Refrigerant Charge (A / B / C)	lbs	255.3 / 222.2 / 225.1	259.4 / 222.2 / 225.1	265.0 / 235.8 / 250.8	269.5 / 240.4 / 259.5	296.8 / 267.6 / 286.7	296.8 / 267.6 / 286.7	299.9 / 270.7 / 289.8
Microchannel (MCHE Option)	kgs	115.8 / 100.8 / 102.1	117.6 / 100.8 / 102.1	120.2 / 106.9 / 113.7	122.2 / 109.0 / 117.7	134.6 / 121.4 / 130.0	134.6 / 121.4 / 130.0	136.0 / 122.8 / 131.4

Table 2

GENERAL DATA - 60.Hz

Model	-	APCY6095DH	APCY6100DH	APCY6110DH	APCY6115DH	APCY6125DH	APCY6135DH	APCY6145DH	APCY6160DH
Compressor	-	Semi Hermetic, Screw							
Quantity	#	2	2	2	2	2	2	2	2
Oil Charge(CPI Solest 220)	US Gal	3.7 / 3.7 / -	4.2 / 3.7 / -	4.2 / 4.2 / -	4.2 / 4.2 / -	4.2 / 4.2 / -	4.2 / 4.2 / -	4.2 / 4.2 / -	4.2 / 4.2 / -
Ckt (A / B / C)	Litre	14 / 14 / -	16 / 14 / -	16 / 16 / -	16 / 16 / -	16 / 16 / -	16 / 16 / -	16 / 16 / -	16 / 16 / -
Condenser Coil	-	Air Cooled 4 rows, 14 fpi (1.81mm) fin spacing, copper tubes Aluminum fins							
Face Area	ft²	156.0	156.0	156.0	182.0	208.0	208.0	208.0	260.0
	m²	14.49	14.49	14.49	16.91	19.32	19.32	19.32	24.15
Condenser Fan	-	Propeller Direct Drive							
Fan size x Quantity	-	800 x 6	800 x 6	800 x 6	800 x 7	800 x 8	800 x 8	800 x 8	800 x 10
Fan Motor	-	Totally enclosed air over, Class F insulation, 6 pole, IP - 55 protected							
Air Flow Rate	cfm	77,190	77,190	77,190	90,055	102,920	102,920	102,920	128,650
	L/s	36,430	36,430	36,430	42,501	48,573	48,573	48,573	60,716
Evaporator	-	Direct Expansion Shell and Tube							
Quantity	#	1	1	1	1	1	1	1	1
Water Volume	US Gal	29.10	31.50	31.50	31.50	39.40	39.40	39.40	62.60
	Litre	110.0	119.2	119.2	119.2	149.0	149.0	149.0	237.0
Refrigerant Circuits	#	2	2	2	2	2	2	2	2
Refrigerant Charge (A / B / C)	lbs	127.8 / 126.2 / -	130.3 / 127.9 / -	130.3 / 128.7 / -	167.3 / 133.6 / -	169.1 / 166.4 / -	184.4 / 166.4 / -	184.4 / 180.5 / -	223.2 / 214.4 / -
Fin and Tube (Standard)	kgs	57.96 / 57.23 / -	59.09 / 58.00 / -	59.09 / 58.37 / -	75.87 / 60.59 / -	76.69 / 75.46 / -	83.63 / 75.46 / -	83.63 / 81.86 / -	101.2 / 97.23 / -
Refrigerant Charge (A / B / C)	lbs	72.34 / 70.73 / -	74.80 / 72.37 / -	74.80 / 73.19 / -	93.27 / 78.14 / -	95.06 / 92.43 / -	110.4 / 92.43 / -	110.4 / 106.5 / -	130.7 / 121.9 / -
Microchannel (MCHE Option)	kgs	32.81 / 32.08 / -	33.92 / 32.82 / -	33.92 / 33.19 / -	42.30 / 35.44 / -	43.11 / 41.92 / -	50.07 / 41.92 / -	50.07 / 48.30 / -	59.27 / 55.28 / -

Model	-	APCY6170DH	APCY6185DH	APCY6195DH	APCY6205DH	APCY6220DH	APCY6230DH	APCY6240DH	APCY6260DH
Compressor	-	Semi Hermetic, Screw							
Quantity	#	2	2	2	2	2	2	2	2
Oil Charge(CPI Solest 220)	US Gal	4.2 / 4.2 / -	4.2 / 4.2 / -	4.5 / 4.2 / -	4.5 / 4.5 / -	5 / 4.5 / -	5 / 5 / -	5 / 5 / -	6.1 / 5 / -
Ckt (A / B / C)	Litre	16 / 16 / -	16 / 16 / -	17 / 16 / -	17 / 17 / -	19 / 17 / -	19 / 19 / -	19 / 19 / -	23 / 19 / -
Condenser Coil	-	Air Cooled 4 rows, 14 fpi (1.81mm) fin spacing, copper tubes Aluminum fins							
Face Area	ft²	260.0	260.0	260.0	260.0	312.0	312.0	312.0	364.0
	m²	24.15	24.15	24.15	24.15	28.99	28.99	28.99	33.82
Condenser Fan	-	Propeller Direct Drive							
Fan size x Quantity	-	800 x 10	800 x 10	800 x 10	800 x 10	800 x 12	800 x 12	800 x 12	800 x 14
Fan Motor	-	Totally enclosed air over, Class F insulation, 6 pole, IP - 55 protected							
Air Flow Rate	cfm	128,650	128,650	128,650	128,650	154,380	154,380	154,380	180,110
	L/s	60,716	60,716	60,716	60,716	72,859	72,859	72,859	85,002
Evaporator	-	Direct Expansion Shell and Tube							
Quantity	#	1	1	1	1	1	1	1	1
Water Volume	US Gal	62.60	62.60	62.60	62.60	62.60	62.60	74.80	74.80
	Litre	237.0	237.0	237.0	237.0	237.0	237.0	283.0	283.0
Refrigerant Circuits	#	2	2	2	2	2	2	2	2
Refrigerant Charge (A / B / C)	lbs	223.2 / 216.0 / -	223.2 / 216.0 / -	228.5 / 216.0 / -	228.5 / 221.3 / -	269.9 / 259.0 / -	269.9 / 261.3 / -	274.8 / 266.2 / -	342.0 / 300.8 / -
Fin and Tube (Standard)	kgs	101.2 / 97.96 / -	101.2 / 97.96 / -	103.6 / 97.96 / -	103.6 / 100.4 / -	122.4 / 117.5 / -	122.4 / 118.5 / -	124.6 / 120.7 / -	155.1 / 136.4 / -
Refrigerant Charge (A / B / C)	lbs	130.7 / 123.5 / -	130.7 / 123.5 / -	136.0 / 123.5 / -	136.0 / 128.8 / -	158.9 / 148.0 / -	158.9 / 150.3 / -	163.8 / 155.2 / -	212.5 / 171.3 / -
Microchannel (MCHE Option)	kgs	59.27 / 56.01 / -	59.27 / 56.01 / -	61.68 / 56.01 / -	61.68 / 58.41 / -	72.06 / 67.12 / -	72.06 / 68.16 / -	74.29 / 70.39 / -	96.37 / 77.69 / -

Table 3

GENERAL DATA - 60.Hz

Model	-	APCY6275DH	APCY6300DH	APCY6320DH	APCY6340DH	APCY6360DH	APCY6385DH	APCY6405DH
Compressor	-	Semi Hermetic, Screw						
Quantity	#	2	2	2	2	2	2	2
Oil Charge(CPI Solest 220)	US Gal	6.1 / 6.1 / -	6.9 / 6.1 / -	6.9 / 6.9 / -	7.4 / 6.9 / -	7.4 / 7.4 / -	7.4 / 7.4 / -	7.4 / 7.4 / -
Ckt (A / B / C)	Litre	23 / 23 / -	26 / 23 / -	26 / 26 / -	28 / 26 / -	28 / 28 / -	28 / 28 / -	28 / 28 / -
Condenser Coil	-	Air Cooled 4 rows, 14 fpi (1.81mm) fin spacing, copper tubes Aluminum fins						
Face Area	ft²	364.0	416.0	416.0	468.0	468.0	520.0	520.0
	m²	33.82	38.65	38.65	43.48	43.48	48.31	48.31
Condenser Fan	-	Propeller Direct Drive						
Fan size x Quantity	-	800 x 14	800 x 16	800 x 16	800 x 18	800 x 18	800 x 20	800 x 20
Fan Motor	-	Totally enclosed air over, Class F insulation, 6 pole, IP - 55 protected						
Air Flow Rate	cfm	180,110	205,840	205,840	231,570	231,570	257,300	257,300
	L/s	85,002	97,146	97,146	109,289	109,289	121,432	121,432
Evaporator	-	Direct Expansion Shell and Tube						
Quantity	#	1	1	1	1	1	1	1
Water Volume	US Gal	74.80	94.20	94.20	94.20	94.20	94.20	94.20
	Litre	283.0	356.6	356.6	356.6	356.6	356.6	356.6
Refrigerant Circuits	#	2	2	2	2	2	2	2
Refrigerant Charge (A / B / C)	lbs	342.0 / 332.7 / -	389.3 / 366.5 / -	389.3 / 369.3 / -	433.0 / 422.0 / -	433.0 / 422.0 / -	478.5 / 462.5 / -	478.5 / 466.4 / -
Fin and Tube (Standard)	kgs	155.1 / 150.9 / -	176.6 / 166.2 / -	176.6 / 167.5 / -	196.4 / 191.4 / -	196.4 / 191.4 / -	217.0 / 209.8 / -	217.0 / 211.5 / -
Refrigerant Charge (A / B / C)	lbs	212.5 / 203.2 / -	241.3 / 218.5 / -	241.3 / 221.3 / -	266.5 / 255.5 / -	266.5 / 255.5 / -	293.5 / 277.5 / -	293.5 / 281.4 / -
Microchannel (MCHE Option)	kgs	96.37 / 92.15 / -	109.4 / 99.09 / -	109.4 / 100.4 / -	120.9 / 115.9 / -	120.9 / 115.9 / -	133.1 / 125.9 / -	133.1 / 127.6 / -

Model	-	APCY6410TH	APCY6425TH	APCY6445TH	APCY6465TH	APCY6480TH	APCY6495TH	APCY6510TH
Compressor	-	Semi Hermetic, Screw						
Quantity	#	3	3	3	3	3	3	3
Oil Charge(CPI Solest 220)	US Gal	6.1 / 6.1 / 6.1	6.9 / 6.1 / 6.1	6.9 / 6.9 / 6.1	6.9 / 6.9 / 6.9	7.4 / 6.9 / 6.9	7.4 / 7.4 / 6.9	7.4 / 7.4 / 7.4
Ckt (A / B / C)	Litre	23 / 23 / 23	26 / 23 / 23	26 / 26 / 23	26 / 26 / 26	28 / 26 / 26	28 / 28 / 26	28 / 28 / 28
Condenser Coil	-	Air Cooled 4 rows, 14 fpi (1.81mm) fin spacing, copper tubes Aluminum fins						
Face Area	ft²	572.0	572.0	624.0	624.0	624.0	624.0	624.0
	m²	53.14	53.14	57.97	57.97	57.97	57.97	57.97
Condenser Fan	-	Propeller Direct Drive						
Fan size x Quantity	-	800 x 22	800 x 22	800 x 24	800 x 24	800 x 24	800 x 24	800 x 24
Fan Motor	-	Totally enclosed air over, Class F insulation, 6 pole, IP - 55 protected						
Air Flow Rate	cfm	283,030	283,030	308,760	308,760	308,760	308,760	308,760
	L/s	133,575	133,575	145,718	145,718	145,718	145,718	145,718
Evaporator	-	Direct Expansion Shell and Tube						
Quantity	#	1	1	1	1	1	1	1
Water Volume	US Gal	114.1	114.1	114.1	114.1	114.1	114.1	114.1
	Litre	431.9	431.9	431.9	431.9	431.9	431.9	431.9
Refrigerant Circuits	#	3	3	3	3	3	3	3
Refrigerant Charge (A / B / C)	lbs	404.8 / 353.5 / 356.7	407.4 / 353.5 / 356.7	413.0 / 383.8 / 401.0	413.0 / 383.8 / 402.9	413.0 / 383.8 / 402.9	413.0 / 383.8 / 402.9	413.0 / 383.8 / 402.9
Fin and Tube (Standard)	kgs	183.6 / 160.3 / 161.8	184.8 / 160.3 / 161.8	187.3 / 174.1 / 181.9	187.3 / 174.1 / 182.7	187.3 / 174.1 / 182.7	187.3 / 174.1 / 182.7	187.3 / 174.1 / 182.7
Refrigerant Charge (A / B / C)	lbs	256.8 / 224.0 / 227.2	259.4 / 224.0 / 227.2	265.0 / 235.8 / 253.0	265.0 / 235.8 / 254.9	265.0 / 235.8 / 254.9	265.0 / 235.8 / 254.9	265.0 / 235.8 / 254.9
Microchannel (MCHE Option)	kgs	116.5 / 101.6 / 103.0	117.6 / 101.6 / 103.0	120.2 / 106.9 / 114.7	120.2 / 106.9 / 115.6	120.2 / 106.9 / 115.6	120.2 / 106.9 / 115.6	120.2 / 106.9 / 115.6

Table 4

CAPACITY RATINGS - 50.Hz (IP)

Model	LWT	Condenser Entering Air Dry Bulb °F																	
		85.00						95.00						105.0					
		Capacity	Total Power[2]	Fan Power	EER	WFR	WPD	Capacity	Total Power[2]	Fan Power	EER	WFR	WPD	Capacity	Total Power[2]	Fan Power	EER	WFR	WPD
	°F	tonR	kW	kW	Btu / W.h	gpm	ft H20	tonR	kW	kW	Btu / W.h	gpm	ft H20	tonR	kW	kW	Btu / W.h	gpm	ft H20
APCY5080DH	40.00	79.12	74.87	9.000	12.68	189.9	9.70	75.54	83.54	9.000	10.85	181.3	8.80	71.42	92.80	9.000	9.240	171.4	8.00
	42.00	81.86	75.58	9.000	13.00	196.5	10.3	78.22	84.37	9.000	11.13	187.7	9.50	74.09	93.73	9.000	9.490	177.8	8.50
	44.00	85.36	76.46	9.000	13.40	204.9	11.2	81.55	85.38	9.000	11.46	195.7	10.2	77.18	94.77	9.000	9.770	185.2	9.20
	45.00	87.09	76.89	9.000	13.59	209.0	11.6	83.16	85.86	9.000	11.62	199.6	10.6	78.65	95.24	9.000	9.910	188.8	9.60
	48.00	92.01	78.09	9.000	14.14	220.8	12.9	87.74	87.18	9.000	12.08	210.6	11.8	82.92	96.58	9.000	10.30	199.0	10.6
APCY5085DH	40.00	83.50	79.53	9.000	12.60	200.4	10.7	79.85	89.16	9.000	10.75	191.7	9.80	75.66	99.66	9.000	9.110	181.6	8.90
	42.00	86.21	80.30	9.000	12.88	206.9	11.4	82.56	90.07	9.000	11.00	198.2	10.5	78.37	100.6	9.000	9.340	188.1	9.50
	44.00	89.90	81.33	9.000	13.26	215.8	12.3	86.07	91.20	9.000	11.32	206.6	11.3	81.66	101.8	9.000	9.620	196.0	10.3
	45.00	91.79	81.84	9.000	13.46	220.3	12.8	87.81	91.75	9.000	11.48	210.8	11.8	83.27	102.4	9.000	9.760	199.9	10.7
	48.00	97.09	83.25	9.000	13.99	233.0	14.3	92.75	93.27	9.000	11.93	222.6	13.1	87.85	103.9	9.000	10.14	210.9	11.8
APCY5090DH	40.00	87.78	84.35	9.000	12.49	210.7	11.8	83.70	94.90	9.000	10.58	200.9	10.8	79.80	106.8	9.000	8.960	191.5	9.80
	42.00	90.39	85.17	9.000	12.74	216.9	12.5	86.72	95.99	9.000	10.84	208.2	11.5	82.51	107.9	9.000	9.170	198.0	10.5
	44.00	94.25	86.35	9.000	13.10	226.2	13.5	90.42	97.27	9.000	11.15	217.0	12.4	85.99	109.2	9.000	9.440	206.4	11.3
	45.00	96.29	86.95	9.000	13.29	231.1	14.1	92.30	97.91	9.000	11.31	221.5	13.0	87.73	109.9	9.000	9.580	210.6	11.8
	48.00	101.9	88.59	9.000	13.82	244.8	15.8	97.60	99.66	9.000	11.75	234.3	14.5	92.61	111.7	9.000	9.940	222.3	13.1
APCY5095DH	40.00	92.11	91.57	9.000	12.07	221.1	12.9	88.08	102.9	9.000	10.27	211.4	11.9	83.65	115.6	9.000	8.680	200.8	10.7
	42.00	94.55	92.40	9.000	12.28	226.9	13.6	90.67	103.9	9.000	10.47	217.6	12.5	86.34	116.7	9.000	8.870	207.2	11.4
	44.00	98.52	93.72	9.000	12.62	236.5	14.7	94.52	105.4	9.000	10.76	226.9	13.5	90.02	118.3	9.000	9.130	216.0	12.4
	45.00	100.7	94.43	9.000	12.80	241.7	15.4	96.55	106.1	9.000	10.91	231.7	14.2	91.89	119.1	9.000	9.260	220.5	12.9
	48.00	106.8	96.38	9.000	13.30	256.5	17.3	102.2	108.2	9.000	11.34	245.4	15.8	97.16	121.3	9.000	9.610	233.2	14.3
APCY5105DH	40.00	102.7	95.97	12.00	12.85	246.6	11.6	98.13	107.2	12.00	10.98	235.5	10.7	93.23	119.9	12.00	9.330	223.8	9.70
	42.00	106.8	97.02	12.00	13.22	256.6	12.5	102.1	108.4	12.00	11.30	245.1	11.5	97.07	121.2	12.00	9.610	233.0	10.4
	44.00	110.7	97.98	12.00	13.57	265.9	13.4	105.8	109.5	12.00	11.60	254.1	12.2	100.6	122.4	12.00	9.860	241.5	11.2
	45.00	112.8	98.46	12.00	13.75	270.7	13.9	107.7	110.0	12.00	11.75	258.7	12.7	102.4	123.0	12.00	9.990	246.0	11.6
	48.00	118.8	99.88	12.00	14.28	285.3	15.3	113.6	111.6	12.00	12.21	272.7	14.0	108.0	124.8	12.00	10.38	259.2	12.8
APCY5115DH	40.00	112.5	105.7	12.00	12.78	270.2	13.8	107.1	117.9	12.00	10.90	257.1	12.6	101.2	131.3	12.00	9.250	243.1	11.3
	42.00	117.0	106.9	12.00	13.13	280.8	14.9	111.4	119.3	12.00	11.20	267.4	13.5	105.3	132.8	12.00	9.520	252.9	12.2
	44.00	121.2	108.0	12.00	13.46	291.0	15.9	115.4	120.5	12.00	11.49	277.0	14.4	109.2	134.1	12.00	9.770	262.1	13.0
	45.00	123.3	108.6	12.00	13.63	296.1	16.4	117.4	121.2	12.00	11.63	282.0	15.0	111.1	134.8	12.00	9.900	266.9	13.5
	48.00	129.9	110.3	12.00	14.13	311.9	18.2	123.7	123.1	12.00	12.06	297.0	16.5	117.1	136.9	12.00	10.27	281.1	14.9
APCY5125DH	40.00	126.1	117.0	12.00	12.93	302.8	11.6	119.6	130.2	12.00	11.02	287.2	10.6	112.6	144.2	12.00	9.370	270.4	9.50
	42.00	130.5	118.3	12.00	13.23	313.2	12.4	124.0	131.6	12.00	11.30	297.7	11.3	117.0	145.8	12.00	9.630	280.9	10.1
	44.00	136.3	120.0	12.00	13.63	327.3	13.5	129.5	133.4	12.00	11.64	310.8	12.2	122.1	147.6	12.00	9.920	293.1	11.0
	45.00	138.9	120.7	12.00	13.80	333.4	14.0	131.8	134.2	12.00	11.78	316.4	12.7	124.2	148.4	12.00	10.04	298.2	11.3
	48.00	146.9	123.0	12.00	14.33	352.6	15.6	139.6	136.8	12.00	12.25	335.3	14.1	131.9	151.3	12.00	10.46	316.6	12.7
APCY5130DH	40.00	130.7	124.6	12.00	12.58	313.7	12.4	124.0	138.6	12.00	10.73	297.7	11.3	116.7	153.6	12.00	9.120	280.2	10.1
	42.00	134.9	126.0	12.00	12.85	324.0	13.2	128.4	140.2	12.00	10.98	308.2	12.0	121.1	155.4	12.00	9.350	290.7	10.8
	44.00	141.1	127.9	12.00	13.23	338.7	14.4	134.1	142.3	12.00	11.31	322.0	13.0	126.4	157.5	12.00	9.630	303.5	11.7
	45.00	143.8	128.8	12.00	13.40	345.2	15.0	136.6	143.2	12.00	11.44	327.9	13.6	128.7	158.4	12.00	9.750	309.0	12.1
	48.00	152.0	131.4	12.00	13.88	364.9	16.7	144.6	146.2	12.00	11.87	347.2	15.1	136.5	161.7	12.00	10.13	327.8	13.5
APCY5140DH	40.00	138.5	127.9	15.00	12.99	332.5	13.9	132.0	142.3	15.00	11.13	316.9	12.7	124.7	157.9	15.00	9.480	299.4	11.4
	42.00	142.7	129.0	15.00	13.27	342.5	14.7	136.3	143.6	15.00	11.39	327.3	13.5	129.1	159.5	15.00	9.720	310.0	12.2
	44.00	149.4	130.7	15.00	13.71	358.6	16.1	142.7	145.6	15.00	11.76	342.6	14.7	135.1	161.6	15.00	10.04	324.4	13.3
	45.00	152.5	131.5	15.00	13.91	366.0	16.8	145.5	146.5	15.00	11.92	349.4	15.3	137.7	162.5	15.00	10.17	330.6	13.8
	48.00	161.1	133.8	15.00	14.45	386.9	18.7	154.0	149.2	15.00	12.39	369.8	17.1	146.1	165.4	15.00	10.60	350.7	15.4
APCY5155DH	40.00	149.4	138.3	15.00	12.96	358.6	10.3	144.4	156.8	15.00	11.05	346.8	9.90	138.9	176.5	15.00	9.450	333.6	9.30
	42.00	155.0	139.6	15.00	13.32	372.0	10.9	149.8	158.3	15.00	11.36	359.7	10.4	144.2	178.0	15.00	9.720	346.1	9.80
	44.00	159.7	140.7	15.00	13.62	383.4	11.4	154.5	159.4	15.00	11.63	371.0	10.8	148.8	179.4	15.00	9.950	357.2	10.3
	45.00	162.9	141.4	15.00	13.82	391.0	11.7	157.7	160.2	15.00	11.81	378.5	11.2	151.9	180.3	15.00	10.11	364.8	10.6
	48.00	170.9	143.1	15.00	14.33	410.2	12.5	165.5	162.2	15.00	12.25	397.3	12.0	159.6	182.6	15.00	10.49	383.2	11.4
APCY5165DH	40.00	158.2	149.4	15.00	12.71	379.8	11.2	152.6	168.7	15.00	10.85	366.4	10.7	146.5	189.2	15.00	9.290	351.6	10.1
	42.00	164.2	150.9	15.00	13.06	394.3	11.8	158.4	170.4	15.00	11.15	380.3	11.2	152.1	191.1	15.00	9.550	365.1	10.6
	44.00	169.2	152.2	15.00	13.34	406.2	12.3	163.3	171.8	15.00	11.41	392.0	11.7	156.9	192.6	15.00	9.780	376.7	11.1
	45.00	172.4	153.0	15.00	13.53	413.9	12.7	166.5	172.7	15.00	11.57	399.7	12.1	160.1	193.6	15.00	9.920	384.4	11.4
	48.00	180.9	155.0	15.00	14.01	434.3	13.6	174.8	175.0	15.00	11.99	419.7	12.9	168.2	196.2	15.00	10.29	403.9	12.2

Table 5

Notes:

1.Capacity ratings are based on following condition. Evaporator Water Temperature Change: 10ºF Evaporator Fouling Factor: 0.000100 h ft².ºF/Btu .

2.Total power mentioned in this page should not be used for cable or fuse selection. Unit Maximum running current given in the electrical data pages (44 to 48) should be referred for the same.

CAPACITY RATINGS - 50.Hz (IP)

Model	LWT	Condenser Entering Air Dry Bulb °F																	
		115.0						118.4						125.0					
		Capacity	Total Power[2]	Fan Power	EER	WFR	WPD	Capacity	Total Power[2]	Fan Power	EER	WFR	WPD	Capacity	Total Power[2]	Fan Power	EER	WFR	WPD
	°F	tonR	kW	kW	Btu / W.h	gpm	ft H20	tonR	kW	kW	Btu / W.h	gpm	ft H20	tonR	kW	kW	Btu / W.h	gpm	ft H20
APCY5080DH	40.00	66.76	102.6	9.000	7.810	160.2	7.00	65.05	106.0	9.000	7.360	156.1	6.70	61.56	112.9	9.000	6.540	147.7	6.00
	42.00	69.36	103.5	9.000	8.040	166.5	7.50	67.63	106.9	9.000	7.590	162.3	7.20	64.07	113.7	9.000	6.760	153.8	6.50
	44.00	72.23	104.5	9.000	8.290	173.4	8.10	70.42	107.9	9.000	7.830	169.0	7.70	66.72	114.6	9.000	6.980	160.1	7.00
	45.00	73.58	104.9	9.000	8.410	176.6	8.40	71.73	108.3	9.000	7.940	172.2	8.00	67.95	115.0	9.000	7.090	163.1	7.20
	48.00	77.54	106.2	9.000	8.760	186.1	9.30	75.58	109.5	9.000	8.280	181.4	8.90	71.60	116.1	9.000	7.400	171.9	8.00
APCY5085DH	40.00	70.93	110.9	9.000	7.670	170.3	7.90	69.21	115.0	9.000	7.220	166.1	7.50	65.67	123.0	9.000	6.400	157.6	6.80
	42.00	73.61	112.0	9.000	7.880	176.7	8.40	71.86	116.0	9.000	7.430	172.5	8.00	68.28	124.1	9.000	6.600	163.9	7.30
	44.00	76.68	113.2	9.000	8.130	184.0	9.10	74.85	117.2	9.000	7.660	179.7	8.70	71.11	125.2	9.000	6.820	170.7	7.90
	45.00	78.14	113.7	9.000	8.240	187.6	9.40	76.27	117.7	9.000	7.770	183.1	9.00	72.45	125.7	9.000	6.910	173.9	8.20
	48.00	82.39	115.2	9.000	8.580	197.7	10.4	80.40	119.2	9.000	8.090	193.0	10.0	76.36	127.2	9.000	7.200	183.3	9.00
APCY5090DH	40.00	75.02	119.7	9.000	7.520	180.1	8.70	73.27	124.4	9.000	7.070	175.9	8.40	69.70	133.7	9.000	6.250	167.3	7.60
	42.00	77.72	120.9	9.000	7.710	186.5	9.30	75.96	125.6	9.000	7.260	182.3	8.90	72.36	135.0	9.000	6.430	173.7	8.20
	44.00	80.99	122.3	9.000	7.940	194.4	10.1	79.15	127.0	9.000	7.480	190.0	9.70	75.38	136.4	9.000	6.630	180.9	8.80
	45.00	82.57	123.0	9.000	8.060	198.2	10.5	80.68	127.6	9.000	7.580	193.7	10.0	76.82	137.0	9.000	6.730	184.4	9.10
	48.00	87.11	124.8	9.000	8.370	209.1	11.6	85.09	129.5	9.000	7.880	204.2	11.1	80.99	138.9	9.000	6.990	194.4	10.1
APCY5095DH	40.00	78.81	129.5	9.000	7.300	189.1	9.60	77.06	134.5	9.000	6.870	185.0	9.20	73.53	144.7	9.000	6.100	176.5	8.40
	42.00	81.54	130.8	9.000	7.480	195.7	10.2	79.80	135.9	9.000	7.040	191.5	9.80	76.26	146.1	9.000	6.260	183.0	9.00
	44.00	85.01	132.5	9.000	7.700	204.0	11.1	83.19	137.5	9.000	7.260	199.7	10.6	79.49	147.8	9.000	6.450	190.8	9.80
	45.00	86.72	133.3	9.000	7.810	208.2	11.5	84.85	138.3	9.000	7.360	203.7	11.0	81.05	148.6	9.000	6.540	194.5	10.1
	48.00	91.59	135.5	9.000	8.110	219.8	12.8	89.59	140.6	9.000	7.640	215.0	12.3	85.53	150.9	9.000	6.800	205.3	11.2
APCY5105DH	40.00	88.06	134.0	12.00	7.880	211.3	8.70	86.23	139.2	12.00	7.430	207.0	8.40	82.58	149.6	12.00	6.620	198.2	7.70
	42.00	91.71	135.4	12.00	8.120	220.1	9.40	89.81	140.6	12.00	7.660	215.6	9.00	86.03	151.1	12.00	6.830	206.5	8.30
	44.00	95.07	136.7	12.00	8.340	228.2	10.0	93.11	141.9	12.00	7.870	223.5	9.70	89.20	152.4	12.00	7.020	214.1	8.90
	45.00	96.86	137.4	12.00	8.460	232.5	10.4	94.87	142.6	12.00	7.980	227.7	10.0	90.91	153.1	12.00	7.120	218.2	9.20
	48.00	102.0	139.3	12.00	8.790	245.0	11.5	100.0	144.5	12.00	8.300	240.0	11.0	95.81	155.1	12.00	7.410	230.0	10.2
APCY5115DH	40.00	95.04	145.8	12.00	7.820	228.1	10.0	92.83	150.9	12.00	7.380	222.8	9.60	88.41	161.3	12.00	6.570	212.2	8.80
	42.00	98.96	147.3	12.00	8.060	237.5	10.8	96.68	152.5	12.00	7.610	232.0	10.4	92.11	162.9	12.00	6.780	221.1	9.50
	44.00	102.5	148.7	12.00	8.280	246.2	11.6	100.2	153.9	12.00	7.810	240.6	11.1	95.53	164.4	12.00	6.970	229.3	10.1
	45.00	104.4	149.4	12.00	8.390	250.8	12.0	102.1	154.7	12.00	7.920	245.0	11.5	97.34	165.1	12.00	7.070	233.6	10.5
	48.00	110.1	151.7	12.00	8.710	264.2	13.2	107.6	156.9	12.00	8.230	258.3	12.7	102.6	167.5	12.00	7.350	246.3	11.6
APCY5125DH	40.00	105.2	158.9	12.00	7.940	252.5	8.40	102.5	164.1	12.00	7.500	246.2	8.10	97.24	174.4	12.00	6.690	233.4	7.40
	42.00	109.4	160.6	12.00	8.180	262.8	9.00	106.7	165.8	12.00	7.730	256.3	8.60	101.3	176.2	12.00	6.910	243.4	7.90
	44.00	114.1	162.5	12.00	8.430	274.0	9.70	111.3	167.7	12.00	7.960	267.2	9.30	105.6	178.1	12.00	7.120	253.6	8.50
	45.00	116.0	163.3	12.00	8.530	278.6	10.0	113.2	168.6	12.00	8.060	271.7	9.60	107.4	179.0	12.00	7.200	257.8	8.70
	48.00	123.6	166.7	12.00	8.900	296.7	11.2	120.6	172.0	12.00	8.410	289.6	10.7	114.7	182.7	12.00	7.540	275.5	9.80
APCY5130DH	40.00	108.8	169.5	12.00	7.700	261.2	8.90	106.0	175.1	12.00	7.260	254.4	8.50	100.2	186.2	12.00	6.460	240.7	7.80
	42.00	113.1	171.4	12.00	7.920	271.6	9.50	110.3	177.0	12.00	7.480	264.7	9.10	104.5	188.1	12.00	6.670	250.9	8.30
	44.00	118.0	173.5	12.00	8.160	283.4	10.3	115.0	179.1	12.00	7.710	276.2	9.80	109.0	190.2	12.00	6.870	261.6	8.90
	45.00	120.1	174.4	12.00	8.260	288.3	10.6	117.0	180.0	12.00	7.800	281.0	10.1	110.8	191.1	12.00	6.960	266.1	9.20
	48.00	127.8	178.0	12.00	8.620	306.8	11.9	124.7	183.7	12.00	8.150	299.3	11.4	118.4	195.0	12.00	7.290	284.2	10.4
APCY5140DH	40.00	116.6	174.6	15.00	8.010	279.9	10.1	113.6	180.6	15.00	7.550	272.8	9.60	107.7	192.4	15.00	6.720	258.5	8.80
	42.00	121.1	176.3	15.00	8.240	290.7	10.8	118.1	182.3	15.00	7.780	283.7	10.3	112.2	194.2	15.00	6.930	269.3	9.40
	44.00	126.6	178.4	15.00	8.520	304.0	11.7	123.5	184.4	15.00	8.040	296.6	11.2	117.2	196.2	15.00	7.170	281.5	10.2
	45.00	129.0	179.3	15.00	8.630	309.7	12.1	125.8	185.3	15.00	8.150	302.1	11.6	119.4	197.1	15.00	7.270	286.6	10.5
	48.00	137.2	182.5	15.00	9.020	329.4	13.7	134.0	188.5	15.00	8.530	321.7	13.1	127.5	200.4	15.00	7.630	306.1	11.9
APCY5155DH	40.00	132.9	197.3	15.00	8.080	319.0	8.80	130.7	204.6	15.00	7.670	313.8	8.50	126.3	219.2	15.00	6.910	303.2	8.10
	42.00	137.9	199.0	15.00	8.320	331.2	9.20	135.7	206.4	15.00	7.890	325.8	9.00	131.2	221.1	15.00	7.120	314.9	8.60
	44.00	142.5	200.6	15.00	8.530	342.1	9.70	140.3	208.0	15.00	8.090	336.7	9.50	135.7	222.9	15.00	7.310	325.8	9.00
	45.00	145.7	201.6	15.00	8.670	349.8	10.0	143.5	209.2	15.00	8.230	344.4	9.80	138.9	224.2	15.00	7.440	333.6	9.30
	48.00	153.2	204.2	15.00	9.000	367.9	10.7	150.9	211.9	15.00	8.550	362.4	10.5	146.3	227.2	15.00	7.730	351.3	10.0
APCY5165DH	40.00	139.8	210.9	15.00	7.960	335.6	9.40	137.4	218.5	15.00	7.550	329.9	9.20	132.6	233.7	15.00	6.810	318.4	8.70
	42.00	145.2	212.9	15.00	8.190	348.7	9.90	142.8	220.6	15.00	7.770	342.8	9.70	137.9	235.9	15.00	7.020	331.0	9.20
	44.00	150.0	214.6	15.00	8.390	360.1	10.4	147.5	222.3	15.00	7.960	354.2	10.2	142.6	237.8	15.00	7.200	342.4	9.70
	45.00	153.3	215.8	15.00	8.520	367.9	10.7	150.8	223.6	15.00	8.100	362.1	10.5	145.9	239.1	15.00	7.320	350.3	10.0
	48.00	161.2	218.6	15.00	8.850	387.0	11.5	158.7	226.5	15.00	8.410	381.0	11.3	153.7	242.3	15.00	7.610	369.1	10.8

Table 6

Notes:

1.Capacity ratings are based on following condition. Evaporator Water Temperature Change: 10ºF Evaporator Fouling Factor: 0.000100 h ft².ºF/Btu .

2. Total power mentioned in this page should not be used for cable or fuse selection. Unit Maximum running current given in the electrical data pages (44 to 48) should be referred for the same.

CAPACITY RATINGS - 50.Hz (IP)

Model	LWT	Condenser Entering Air Dry Bulb °F																	
		85.00						95.00						105.0					
		Capacity	Total Power[2]	Fan Power	EER	WFR	WPD	Capacity	Total Power[2]	Fan Power	EER	WFR	WPD	Capacity	Total Power[2]	Fan Power	EER	WFR	WPD
	°F	tonR	kW	kW	Btu / W.h	gpm	ft H20	tonR	kW	kW	Btu / W.h	gpm	ft H20	tonR	kW	kW	Btu / W.h	gpm	ft H20
APCY5175DH	40.00	166.7	160.7	15.00	12.45	400.3	12.10	160.5	180.8	15.00	10.65	385.3	11.5	153.7	202.1	15.00	9.130	369.1	10.8
	42.00	173.2	162.5	15.00	12.79	415.7	12.80	166.7	182.8	15.00	10.94	400.2	12.1	159.7	204.3	15.00	9.380	383.4	11.4
	44.00	178.3	163.9	15.00	13.06	428.2	13.3	171.8	184.3	15.00	11.18	412.4	12.6	164.7	206.0	15.00	9.600	395.5	11.9
	45.00	181.6	164.7	15.00	13.23	436.0	13.7	175.0	185.3	15.00	11.33	420.2	13.0	168.0	207.1	15.00	9.740	403.4	12.2
	48.00	190.6	167.1	15.00	13.69	457.5	14.7	183.8	187.9	15.00	11.74	441.2	13.9	176.6	210.0	15.00	10.09	423.9	13.1
APCY5185DH	40.00	175.9	174.4	15.00	12.10	422.3	13.1	169.3	196.3	15.00	10.35	406.5	12.4	162.1	219.7	15.00	8.850	389.1	11.6
	42.00	182.8	176.5	15.00	12.43	438.9	13.8	176.0	198.6	15.00	10.63	422.4	13.1	168.5	222.2	15.00	9.100	404.6	12.3
	44.00	188.3	178.2	15.00	12.68	452.0	14.4	181.3	200.4	15.00	10.85	435.3	13.6	173.8	224.2	15.00	9.300	417.2	12.8
	45.00	191.6	179.2	15.00	12.83	459.9	14.8	184.6	201.6	15.00	10.99	443.3	14.0	177.1	225.5	15.00	9.430	425.2	13.2
	48.00	201.1	181.9	15.00	13.27	482.8	15.9	193.9	204.6	15.00	11.37	465.6	15.0	186.2	228.8	15.00	9.770	447.1	14.2
APCY5195DH	40.00	188.0	180.7	18.00	12.48	451.4	14.4	181.4	203.6	18.00	10.69	435.4	13.6	174.0	228.4	18.00	9.140	417.6	12.8
	42.00	195.6	182.7	18.00	12.85	469.5	15.2	188.7	205.8	18.00	11.00	453.0	14.4	181.1	230.8	18.00	9.420	434.7	13.6
	44.00	201.5	184.2	18.00	13.13	483.7	15.9	194.5	207.5	18.00	11.25	466.8	15.0	186.7	232.7	18.00	9.630	448.3	14.2
	45.00	204.9	185.1	18.00	13.29	491.9	16.3	197.9	208.5	18.00	11.39	475.1	15.5	190.2	233.8	18.00	9.760	456.6	14.6
	48.00	215.3	187.6	18.00	13.78	516.9	17.6	208.0	211.3	18.00	11.81	499.4	16.7	200.1	236.9	18.00	10.14	480.4	15.7
APCY5210DH	40.00	199.8	196.3	18.00	12.22	479.6	15.7	193.0	221.2	18.00	10.47	463.4	14.9	185.5	247.8	18.00	8.980	445.3	14.1
	42.00	207.9	198.6	18.00	12.56	499.1	16.7	201.0	223.8	18.00	10.78	482.4	15.8	193.2	250.6	18.00	9.250	463.8	14.9
	44.00	214.2	200.3	18.00	12.83	514.3	17.4	207.1	225.7	18.00	11.01	497.2	16.5	199.3	252.8	18.00	9.460	478.4	15.6
	45.00	217.8	201.3	18.00	12.98	522.8	17.9	210.7	226.9	18.00	11.14	505.7	17.0	202.8	254.0	18.00	9.580	486.9	16.1
	48.00	229.0	204.3	18.00	13.45	549.6	19.3	221.6	230.2	18.00	11.55	532.0	18.3	213.5	257.7	18.00	9.940	512.6	17.3
APCY5230DH	40.00	218.9	214.8	18.00	12.23	525.5	9.50	211.7	241.9	18.00	10.50	508.3	8.90	203.7	270.4	18.00	9.040	489.1	8.30
	42.00	226.7	217.2	18.00	12.53	544.3	10.2	219.4	244.5	18.00	10.77	526.7	9.60	211.3	273.2	18.00	9.280	507.2	8.90
	44.00	234.7	219.5	18.00	12.83	563.4	10.9	227.2	247.2	18.00	11.03	545.5	10.2	219.0	276.2	18.00	9.520	525.7	9.50
	45.00	238.7	220.7	18.00	12.98	573.0	11.2	231.2	248.5	18.00	11.16	554.9	10.6	222.9	277.6	18.00	9.630	535.0	9.80
	48.00	251.0	224.3	18.00	13.43	602.5	12.3	243.2	252.5	18.00	11.56	583.9	11.6	234.8	282.2	18.00	9.980	563.6	10.9
APCY5250DH	40.00	232.8	222.9	21.00	12.53	558.9	10.7	225.4	252.0	21.00	10.74	541.2	10.1	217.2	282.7	21.00	9.220	521.4	9.40
	42.00	241.1	225.2	21.00	12.85	578.9	11.4	233.6	254.6	21.00	11.01	560.9	10.8	225.3	285.6	21.00	9.470	540.8	10.1
	44.00	249.7	227.6	21.00	13.17	599.4	12.2	242.1	257.2	21.00	11.29	581.1	11.5	233.6	288.4	21.00	9.720	560.7	10.8
	45.00	254.0	228.7	21.00	13.33	609.7	12.6	246.3	258.5	21.00	11.43	591.2	11.9	237.7	289.9	21.00	9.840	570.7	11.1
	48.00	267.2	232.1	21.00	13.81	641.3	13.8	259.2	262.3	21.00	11.86	622.2	13.1	250.5	294.2	21.00	10.22	601.3	12.3
APCY5265DH	40.00	243.7	239.3	21.00	12.22	585.0	11.7	235.8	271.0	21.00	10.44	566.1	11.0	227.1	304.6	21.00	8.950	545.1	10.2
	42.00	252.4	242.0	21.00	12.51	605.9	12.5	244.4	274.0	21.00	10.70	586.7	11.7	235.5	307.9	21.00	9.180	565.4	10.9
	44.00	261.4	244.8	21.00	12.81	627.4	13.3	253.2	277.0	21.00	10.97	607.9	12.5	244.2	311.2	21.00	9.420	586.2	11.7
	45.00	265.9	246.1	21.00	12.96	638.3	13.7	257.7	278.6	21.00	11.10	618.5	12.9	248.5	312.9	21.00	9.530	596.6	12.1
	48.00	279.7	250.2	21.00	13.41	671.3	15.1	271.2	283.1	21.00	11.50	651.0	14.2	261.9	317.9	21.00	9.890	628.7	13.3
APCY5285DH	40.00	269.0	254.2	24.00	12.70	645.7	6.40	260.1	286.9	24.00	10.88	624.4	6.00	250.1	322.1	24.00	9.320	600.3	5.40
	42.00	278.6	256.8	24.00	13.02	668.7	6.90	269.6	289.8	24.00	11.16	647.2	6.40	259.5	325.3	24.00	9.570	622.8	5.90
	44.00	288.6	259.4	24.00	13.35	692.6	7.30	279.3	292.7	24.00	11.45	670.4	6.89	268.9	328.6	24.00	9.820	645.4	6.40
	45.00	293.1	260.6	24.00	13.50	703.7	7.60	283.7	294.0	24.00	11.58	681.1	7.10	273.1	330.0	24.00	9.930	655.6	6.60
	48.00	305.0	263.6	24.00	13.89	732.2	8.10	295.2	297.4	24.00	11.91	708.6	7.70	284.1	333.8	24.00	10.22	682.1	7.10
APCY5300DH	40.00	286.0	275.5	24.00	12.46	686.5	7.20	276.1	309.9	24.00	10.69	662.7	6.70	264.7	347.4	24.00	9.140	635.3	6.20
	42.00	296.0	278.3	24.00	12.76	710.4	7.70	285.9	313.1	24.00	10.96	686.2	7.20	274.4	351.0	24.00	9.380	658.6	6.70
	44.00	306.7	281.2	24.00	13.08	736.1	8.20	296.2	316.4	24.00	11.24	711.1	7.70	284.3	354.7	24.00	9.620	682.6	7.10
	45.00	311.7	282.6	24.00	13.24	748.1	8.40	301.1	317.9	24.00	11.36	722.6	7.90	288.9	356.4	24.00	9.730	693.6	7.40
	48.00	324.7	286.1	24.00	13.62	779.5	9.10	313.5	321.8	24.00	11.69	752.6	8.50	300.8	360.8	24.00	10.01	722.1	7.90
APCY5325DH	40.00	301.9	288.4	27.00	12.56	724.7	8.00	291.8	324.1	27.00	10.80	700.4	7.50	281.1	362.8	27.00	9.300	674.8	7.00
	42.00	312.2	291.1	27.00	12.87	749.4	8.50	302.1	327.2	27.00	11.08	725.1	8.00	291.4	366.3	27.00	9.550	699.5	7.50
	44.00	323.7	294.0	27.00	13.21	777.0	9.00	313.3	330.4	27.00	11.38	752.1	8.51	302.4	370.0	27.00	9.810	725.9	8.00
	45.00	329.1	295.3	27.00	13.37	790.1	9.30	318.6	331.9	27.00	11.52	764.8	8.80	307.5	371.6	27.00	9.930	738.2	8.20
	48.00	343.5	298.8	27.00	13.79	824.4	9.90	332.5	335.8	27.00	11.88	798.0	9.40	320.9	376.0	27.00	10.24	770.4	8.90

Table 7

Notes:

1.Capacity ratings are based on following condition. Evaporator Water Temperature Change: 10ºF Evaporator Fouling Factor: 0.000100 h ft².ºF/Btu .

2.Total power mentioned in this page should not be used for cable or fuse selection. Unit Maximum running current given in the electrical data pages (44 to 48) should be referred for the same.

CAPACITY RATINGS - 50.Hz (IP)

Model	LWT	Condenser Entering Air Dry Bulb °F																	
		115.0						118.4						125.0					
		Capacity	Total Power[2]	Fan Power	EER	WFR	WPD	Capacity	Total Power[2]	Fan Power	EER	WFR	WPD	Capacity	Total Power[2]	Fan Power	EER	WFR	WPD
	°F	tonR	kW	kW	Btu / W.h	gpm	ft H20	tonR	kW	kW	Btu / W.h	gpm	ft H20	tonR	kW	kW	Btu / W.h	gpm	ft H20
APCY5175DH	40.00	146.5	224.7	15.00	7.820	351.7	10.1	143.9	232.7	15.00	7.430	345.6	9.80	138.8	248.5	15.00	6.700	333.2	9.30
	42.00	152.3	226.9	15.00	8.050	365.6	10.6	149.6	234.9	15.00	7.640	359.3	10.4	144.4	250.8	15.00	6.910	346.6	9.90
	44.00	157.2	228.8	15.00	8.250	377.5	11.1	154.6	236.9	15.00	7.830	371.2	10.9	149.3	252.8	15.00	7.090	358.5	10.3
	45.00	160.6	230.1	15.00	8.380	385.5	11.5	157.9	238.1	15.00	7.960	379.1	11.2	152.7	254.2	15.00	7.210	366.5	10.7
	48.00	168.9	233.2	15.00	8.690	405.6	12.3	166.2	241.3	15.00	8.270	399.1	12.0	160.9	257.5	15.00	7.500	386.2	11.5
APCY5185DH	40.00	154.3	244.7	15.00	7.570	370.4	10.8	151.5	253.6	15.00	7.170	363.7	10.6	145.9	271.3	15.00	6.460	350.3	10.0
	42.00	160.5	247.4	15.00	7.790	385.3	11.5	157.6	256.2	15.00	7.380	378.4	11.2	151.9	274.0	15.00	6.650	364.6	10.6
	44.00	165.7	249.5	15.00	7.970	397.8	12.0	162.8	258.5	15.00	7.560	390.9	11.7	157.0	276.3	15.00	6.820	377.0	11.1
	45.00	169.1	250.9	15.00	8.090	405.9	12.3	166.2	259.9	15.00	7.680	399.0	12.0	160.5	277.8	15.00	6.930	385.3	11.5
	48.00	178.0	254.5	15.00	8.390	427.2	13.3	175.0	263.6	15.00	7.970	420.2	13.0	169.2	281.7	15.00	7.210	406.1	12.3
APCY5195DH	40.00	165.9	255.1	18.00	7.800	398.2	12.0	162.9	264.6	18.00	7.390	391.2	11.7	157.1	283.7	18.00	6.640	377.1	11.1
	42.00	172.7	257.7	18.00	8.050	414.7	12.7	169.8	267.2	18.00	7.620	407.5	12.4	163.7	286.4	18.00	6.860	393.0	11.8
	44.00	178.3	259.7	18.00	8.240	428.1	13.3	175.3	269.3	18.00	7.810	420.9	13.0	169.2	288.5	18.00	7.040	406.3	12.4
	45.00	181.8	260.9	18.00	8.360	436.5	13.7	178.8	270.6	18.00	7.930	429.3	13.4	172.8	289.9	18.00	7.150	414.8	12.7
	48.00	191.5	264.3	18.00	8.700	459.8	14.8	188.5	274.0	18.00	8.250	452.4	14.4	182.3	293.5	18.00	7.450	437.6	13.7
APCY5210DH	40.00	177.2	276.0	18.00	7.700	425.4	13.2	174.2	286.0	18.00	7.310	418.2	12.9	168.2	305.8	18.00	6.600	403.7	12.2
	42.00	184.7	279.0	18.00	7.950	443.5	14.0	181.7	289.0	18.00	7.540	436.1	13.7	175.5	309.0	18.00	6.820	421.3	13.0
	44.00	190.7	281.4	18.00	8.130	457.8	14.7	187.6	291.4	18.00	7.730	450.4	14.3	181.4	311.5	18.00	6.990	435.5	13.6
	45.00	194.3	282.8	18.00	8.250	466.5	15.1	191.3	292.9	18.00	7.840	459.1	14.7	185.1	313.1	18.00	7.090	444.3	14.0
	48.00	204.8	286.9	18.00	8.570	491.7	16.3	201.7	297.1	18.00	8.150	484.2	15.9	195.4	317.6	18.00	7.380	469.1	15.2
APCY5230DH	40.00	194.9	300.1	18.00	7.800	467.9	7.60	191.8	310.5	18.00	7.410	460.3	7.30	185.4	331.1	18.00	6.720	445.0	6.90
	42.00	202.4	303.2	18.00	8.010	485.9	8.20	199.2	313.7	18.00	7.620	478.2	7.90	192.8	334.5	18.00	6.920	462.8	7.40
	44.00	210.0	306.5	18.00	8.220	504.2	8.80	206.8	317.1	18.00	7.830	496.4	8.50	200.3	338.1	18.00	7.110	480.8	8.00
	45.00	213.8	308.1	18.00	8.330	513.3	9.10	210.6	318.8	18.00	7.930	505.5	8.80	204.1	340.0	18.00	7.200	489.9	8.30
	48.00	225.6	313.3	18.00	8.640	541.5	10.1	222.3	324.2	18.00	8.230	533.6	9.80	215.7	345.8	18.00	7.480	517.7	9.20
APCY5250DH	40.00	208.1	315.1	21.00	7.930	499.7	8.60	204.9	326.4	21.00	7.530	491.8	8.40	198.2	349.0	21.00	6.820	475.9	7.80
	42.00	216.1	318.2	21.00	8.150	518.8	9.30	212.8	329.6	21.00	7.750	510.9	9.00	206.1	352.3	21.00	7.020	494.9	8.50
	44.00	224.3	321.3	21.00	8.380	538.4	10.0	221.0	332.8	21.00	7.970	530.4	9.70	214.2	355.8	21.00	7.230	514.2	9.10
	45.00	228.4	322.9	21.00	8.490	548.3	10.3	225.0	334.5	21.00	8.070	540.2	10.0	218.3	357.5	21.00	7.330	523.9	9.50
	48.00	241.0	327.8	21.00	8.820	578.5	11.4	237.6	339.5	21.00	8.400	570.3	11.1	230.7	363.0	21.00	7.630	553.7	10.5
APCY5265DH	40.00	217.4	340.1	21.00	7.670	521.9	9.40	213.9	352.6	21.00	7.280	513.5	9.10	206.9	377.5	21.00	6.580	496.6	8.50
	42.00	225.7	343.7	21.00	7.880	541.9	10.1	222.2	356.3	21.00	7.490	533.5	9.80	215.1	381.3	21.00	6.770	516.4	9.20
	44.00	234.3	347.3	21.00	8.100	562.4	10.8	230.7	360.0	21.00	7.690	553.9	10.5	223.5	385.2	21.00	6.960	536.6	9.90
	45.00	238.6	349.1	21.00	8.200	572.7	11.2	235.0	361.8	21.00	7.790	564.1	10.9	227.8	387.1	21.00	7.060	546.8	10.3
	48.00	251.7	354.6	21.00	8.520	604.3	12.4	248.1	367.5	21.00	8.100	595.5	12.1	240.7	393.2	21.00	7.350	577.9	11.4
APCY5285DH	40.00	238.9	359.7	24.00	7.970	573.4	4.90	234.8	373.1	24.00	7.550	563.6	4.60	226.5	399.9	24.00	6.800	543.7	4.20
	42.00	248.1	363.4	24.00	8.190	595.6	5.30	244.0	376.9	24.00	7.770	585.7	5.10	235.6	403.9	24.00	7.000	565.6	4.70
	44.00	257.2	366.9	24.00	8.410	617.5	5.80	253.0	380.5	24.00	7.980	607.3	5.60	244.4	407.8	24.00	7.190	586.7	5.20
	45.00	261.3	368.5	24.00	8.510	627.3	6.00	257.0	382.2	24.00	8.070	617.0	5.80	248.4	409.5	24.00	7.280	596.2	5.40
	48.00	271.9	372.6	24.00	8.760	652.7	6.50	267.5	386.4	24.00	8.310	642.0	6.30	258.4	414.0	24.00	7.490	620.4	5.90
APCY5300DH	40.00	251.8	387.9	24.00	7.790	604.5	5.50	247.1	402.4	24.00	7.370	593.3	5.30	237.6	431.5	24.00	6.610	570.3	4.80
	42.00	261.4	392.0	24.00	8.000	627.4	6.00	256.6	406.7	24.00	7.570	616.0	5.80	247.0	436.2	24.00	6.800	592.8	5.30
	44.00	271.0	396.2	24.00	8.210	650.5	6.50	266.1	410.9	24.00	7.770	638.8	6.30	256.2	440.7	24.00	6.980	614.9	5.80
	45.00	275.4	398.0	24.00	8.300	661.0	6.70	270.4	412.9	24.00	7.860	649.1	6.50	260.3	442.7	24.00	7.060	624.8	6.00
	48.00	286.6	402.9	24.00	8.540	688.1	7.20	281.5	417.9	24.00	8.080	675.7	7.00	271.0	448.1	24.00	7.260	650.4	6.50
APCY5325DH	40.00	269.9	404.7	27.00	8.000	647.8	6.40	265.9	419.6	27.00	7.610	638.4	6.20	258.1	449.6	27.00	6.890	619.6	5.90
	42.00	280.2	408.6	27.00	8.230	672.6	6.90	276.3	423.7	27.00	7.820	663.1	6.70	268.4	454.1	27.00	7.090	644.4	6.40
	44.00	291.0	412.7	27.00	8.460	698.4	7.50	287.0	428.0	27.00	8.050	688.8	7.30	279.0	458.7	27.00	7.300	669.7	6.90
	45.00	295.9	414.6	27.00	8.570	710.4	7.70	291.9	429.9	27.00	8.150	700.7	7.50	283.8	460.8	27.00	7.390	681.3	7.10
	48.00	308.9	419.6	27.00	8.840	741.5	8.30	304.7	435.1	27.00	8.400	731.5	8.10	296.4	466.4	27.00	7.630	711.5	7.70

Table 8

Notes:

1.Capacity ratings are based on following condition. Evaporator Water Temperature Change: 10ºF Evaporator Fouling Factor: 0.000100 h ft².ºF/Btu .

2. Total power mentioned in this page should not be used for cable or fuse selection. Unit Maximum running current given in the electrical data pages (44 to 48) should be referred for the same.

CAPACITY RATINGS - 50.Hz (IP)

Model	LWT	Condenser Entering Air Dry Bulb °F																	
		85.00						95.00						105.0					
		Capacity	Total Power[2]	Fan Power	EER	WFR	WPD	Capacity	Total Power[2]	Fan Power	EER	WFR	WPD	Capacity	Total Power[2]	Fan Power	EER	WFR	WPD
	°F	tonR	kW	kW	Btu / W.h	gpm	ft H20	tonR	kW	kW	Btu / W.h	gpm	ft H20	tonR	kW	kW	Btu / W.h	gpm	ft H20
APCY5345DH	40.00	314.6	308.9	27.00	12.22	755.2	8.60	304.1	346.8	27.00	10.52	730.0	8.10	294.0	387.6	27.00	9.100	705.7	7.60
	42.00	325.1	311.9	27.00	12.51	780.4	9.10	314.7	350.1	27.00	10.79	755.5	8.60	304.7	391.4	27.00	9.340	731.4	8.10
	44.00	337.1	315.2	27.00	12.84	809.3	9.60	326.6	353.8	27.00	11.08	784.0	9.14	316.5	395.6	27.00	9.600	759.7	8.70
	45.00	343.0	316.7	27.00	12.99	823.2	9.90	332.3	355.5	27.00	11.22	797.6	9.40	322.1	397.5	27.00	9.720	773.1	8.90
	48.00	358.3	320.7	27.00	13.41	860.1	10.7	347.3	360.0	27.00	11.57	833.5	10.1	336.8	402.6	27.00	10.04	808.3	9.60
APCY5365TH	40.00	340.8	329.7	30.00	12.41	818.1	8.70	330.3	372.5	30.00	10.64	792.8	8.30	318.4	417.5	30.00	9.150	764.4	7.70
	42.00	352.4	333.0	30.00	12.70	845.8	9.30	341.5	376.1	30.00	10.90	819.8	8.80	329.4	421.5	30.00	9.380	790.8	8.20
	44.00	364.1	336.3	30.00	12.99	873.8	9.80	353.0	379.7	30.00	11.16	847.3	9.29	340.7	425.5	30.00	9.610	817.8	8.70
	45.00	370.3	338.0	30.00	13.15	888.7	10.1	359.1	381.6	30.00	11.29	861.9	9.60	346.7	427.6	30.00	9.730	832.2	9.00
	48.00	386.9	342.5	30.00	13.56	928.8	10.9	375.2	386.6	30.00	11.65	900.6	10.3	362.3	433.1	30.00	10.04	869.5	9.70
APCY5380TH	40.00	351.3	346.1	30.00	12.18	843.2	9.20	340.3	391.5	30.00	10.43	816.8	8.70	328.0	439.4	30.00	8.960	787.3	8.10
	42.00	363.3	349.9	30.00	12.46	871.9	9.80	352.0	395.6	30.00	10.68	844.8	9.20	339.4	443.9	30.00	9.180	814.6	8.70
	44.00	375.4	353.5	30.00	12.74	901.0	10.3	363.8	399.6	30.00	10.92	873.3	9.79	351.0	448.3	30.00	9.400	842.6	9.20
	45.00	381.8	355.5	30.00	12.89	916.4	10.6	370.1	401.8	30.00	11.05	888.4	10.1	357.2	450.7	30.00	9.510	857.4	9.50
	48.00	399.3	360.6	30.00	13.29	958.5	11.5	387.0	407.5	30.00	11.40	929.0	10.9	373.5	456.8	30.00	9.810	896.6	10.2
APCY5395TH	40.00	364.2	354.0	33.00	12.35	874.3	9.80	353.2	401.2	33.00	10.56	847.7	9.30	340.7	451.4	33.00	9.060	817.8	8.70
	42.00	376.8	357.7	33.00	12.64	904.4	10.4	365.4	405.3	33.00	10.82	877.2	9.90	352.7	455.8	33.00	9.280	846.6	9.30
	44.00	389.5	361.4	33.00	12.93	934.8	11.0	377.8	409.4	33.00	11.08	906.9	10.4	364.9	460.3	33.00	9.510	875.8	9.80
	45.00	396.2	363.2	33.00	13.09	951.0	11.3	384.4	411.5	33.00	11.21	922.7	10.8	371.3	462.6	33.00	9.630	891.3	10.1
	48.00	414.9	368.4	33.00	13.51	996.0	12.2	402.5	417.2	33.00	11.58	966.1	11.6	388.8	468.8	33.00	9.950	933.2	11.0
APCY5410TH	40.00	379.8	374.9	33.00	12.16	911.7	10.5	367.9	423.9	33.00	10.42	883.1	10.0	354.4	476.3	33.00	8.930	850.6	9.40
	42.00	393.1	379.0	33.00	12.44	943.5	11.2	380.8	428.4	33.00	10.67	914.0	10.6	366.9	481.2	33.00	9.150	880.6	9.90
	44.00	406.4	383.0	33.00	12.73	975.4	11.8	393.8	432.8	33.00	10.92	945.1	11.2	379.5	486.0	33.00	9.370	911.0	10.5
	45.00	413.4	385.1	33.00	12.88	992.3	12.2	400.6	435.1	33.00	11.05	961.6	11.5	386.2	488.6	33.00	9.490	927.1	10.8
	48.00	433.5	390.9	33.00	13.31	1041	13.2	420.0	441.4	33.00	11.42	1008	12.5	404.8	495.5	33.00	9.800	971.5	11.7
APCY5425TH	40.00	397.5	387.7	36.00	12.30	954.1	11.4	385.2	437.5	36.00	10.57	924.7	10.8	371.0	491.4	36.00	9.060	890.6	10.1
	42.00	411.6	391.8	36.00	12.61	988.0	12.1	398.9	442.0	36.00	10.83	957.5	11.4	384.3	496.3	36.00	9.290	922.4	10.7
	44.00	425.8	395.7	36.00	12.91	1022	12.8	412.6	446.3	36.00	11.10	990.5	12.1	397.6	501.0	36.00	9.520	954.4	11.4
	45.00	433.2	397.7	36.00	13.07	1040	13.2	419.9	448.5	36.00	11.24	1008	12.5	404.7	503.5	36.00	9.640	971.3	11.7
	48.00	455.1	403.4	36.00	13.54	1093	14.3	440.9	454.8	36.00	11.63	1058	13.6	424.7	510.5	36.00	9.980	1019	12.7
APCY5455TH	40.00	424.9	412.0	36.00	12.38	1020	11.5	410.3	463.6	36.00	10.62	985.0	10.7	393.7	519.8	36.00	9.090	944.9	9.90
	42.00	439.9	416.3	36.00	12.68	1056	12.2	425.1	468.5	36.00	10.89	1020	11.5	408.2	525.3	36.00	9.330	979.9	10.6
	44.00	456.8	421.0	36.00	13.02	1097	13.1	441.6	473.7	36.00	11.19	1060	12.3	424.2	531.2	36.00	9.580	1018	11.4
	45.00	464.9	423.2	36.00	13.18	1116	13.5	449.4	476.2	36.00	11.32	1079	12.7	431.7	534.0	36.00	9.700	1036	11.8
	48.00	485.5	428.7	36.00	13.59	1165	14.6	469.2	482.4	36.00	11.67	1126	13.8	450.6	541.0	36.00	10.00	1082	12.8
APCY5475TH	40.00	440.7	420.5	36.00	12.58	1058	12.3	426.1	473.2	36.00	10.81	1023	11.5	410.2	530.5	36.00	9.280	984.6	10.7
	42.00	456.1	424.6	36.00	12.89	1095	13.1	441.4	477.8	36.00	11.09	1059	12.3	425.4	535.7	36.00	9.530	1021	11.5
	44.00	473.8	429.1	36.00	13.25	1137	14.0	458.7	482.9	36.00	11.40	1101	13.2	442.4	541.5	36.00	9.800	1062	12.3
	45.00	482.4	431.3	36.00	13.42	1158	14.5	467.0	485.3	36.00	11.55	1121	13.6	450.4	544.2	36.00	9.930	1081	12.8
	48.00	504.3	436.6	36.00	13.86	1210	15.7	488.2	491.4	36.00	11.92	1172	14.8	470.9	551.1	36.00	10.25	1130	13.8
APCY5495TH	40.00	453.1	440.8	36.00	12.34	1088	12.9	438.1	495.7	36.00	10.61	1052	12.1	422.6	555.1	36.00	9.140	1015	11.3
	42.00	468.7	445.2	36.00	12.63	1125	13.7	453.7	500.7	36.00	10.87	1089	12.9	438.3	560.8	36.00	9.380	1052	12.1
	44.00	487.0	450.2	36.00	12.98	1169	14.7	471.7	506.2	36.00	11.18	1132	13.8	456.1	567.0	36.00	9.650	1095	13.1
	45.00	495.9	452.5	36.00	13.15	1190	15.2	480.4	508.9	36.00	11.33	1153	14.4	464.5	570.0	36.00	9.780	1115	13.5
	48.00	518.7	458.5	36.00	13.58	1245	16.5	502.6	515.5	36.00	11.70	1206	15.6	486.2	577.5	36.00	10.10	1167	14.7
APCY5520TH	40.00	474.0	464.1	36.00	12.26	1138	13.8	458.5	521.4	36.00	10.55	1101	12.9	443.5	583.2	36.00	9.130	1065	12.2
	42.00	490.6	468.9	36.00	12.55	1178	14.7	475.0	526.8	36.00	10.82	1140	13.8	459.9	589.3	36.00	9.370	1104	13.0
	44.00	507.7	473.8	36.00	12.86	1219	15.7	492.0	532.2	36.00	11.09	1180	14.7	477.0	595.4	36.00	9.610	1145	13.9
	45.00	517.1	476.3	36.00	13.03	1241	16.2	501.3	535.2	36.00	11.24	1203	15.3	486.3	598.8	36.00	9.750	1167	14.4
	48.00	539.4	482.4	36.00	13.42	1295	17.6	523.0	541.9	36.00	11.58	1255	16.6	507.4	606.4	36.00	10.04	1218	15.6

Table 9

Notes:

1.Capacity ratings are based on following condition. Evaporator Water Temperature Change: 10ºF Evaporator Fouling Factor: 0.000100 h ft².ºF/Btu .

2.Total power mentioned in this page should not be used for cable or fuse selection. Unit Maximum running current given in the electrical data pages (44 to 48) should be referred for the same.

CAPACITY RATINGS - 50.Hz (IP)

Model	LWT	Condenser Entering Air Dry Bulb °F																	
		115.0						118.4						125.0					
		Capacity	Total Power[2]	Fan Power	EER	WFR	WPD	Capacity	Total Power[2]	Fan Power	EER	WFR	WPD	Capacity	Total Power[2]	Fan Power	EER	WFR	WPD
	°F	tonR	kW	kW	Btu / W.h	gpm	ft H20	tonR	kW	kW	Btu / W.h	gpm	ft H20	tonR	kW	kW	Btu / W.h	gpm	ft H20
APCY5345DH	40.00	284.2	431.6	27.00	7.900	682.2	7.10	281.0	447.2	27.00	7.540	674.4	7.00	274.8	478.7	27.00	6.890	659.7	6.70
	42.00	295.1	435.9	27.00	8.120	708.4	7.70	291.9	451.8	27.00	7.750	700.8	7.50	285.9	483.7	27.00	7.090	686.3	7.20
	44.00	306.8	440.6	27.00	8.360	736.5	8.20	303.7	456.6	27.00	7.980	728.9	8.10	297.7	488.9	27.00	7.310	714.5	7.80
	45.00	312.3	442.8	27.00	8.470	749.7	8.50	309.2	458.9	27.00	8.080	742.1	8.30	303.2	491.4	27.00	7.400	727.7	8.00
	48.00	326.8	448.6	27.00	8.740	784.5	9.20	323.6	465.0	27.00	8.350	776.8	9.00	317.5	498.0	27.00	7.650	762.2	8.70
APCY5365TH	40.00	305.3	464.8	30.00	7.880	732.9	7.10	300.6	481.4	30.00	7.490	721.6	6.90	291.0	514.4	30.00	6.790	698.5	6.40
	42.00	316.1	469.1	30.00	8.090	758.8	7.60	311.3	485.8	30.00	7.690	747.3	7.40	301.6	519.0	30.00	6.970	724.0	6.90
	44.00	327.2	473.5	30.00	8.290	785.5	8.10	322.4	490.4	30.00	7.890	773.9	7.90	312.6	523.8	30.00	7.160	750.3	7.40
	45.00	333.1	475.9	30.00	8.400	799.7	8.40	328.3	492.8	30.00	7.990	788.0	8.20	318.4	526.4	30.00	7.260	764.3	7.70
	48.00	348.2	481.9	30.00	8.670	835.7	9.10	343.1	499.0	30.00	8.250	823.5	8.80	332.9	533.0	30.00	7.500	799.0	8.40
APCY5380TH	40.00	314.3	490.0	30.00	7.700	754.5	7.50	309.4	507.7	30.00	7.310	742.7	7.30	299.4	543.0	30.00	6.620	718.7	6.80
	42.00	325.5	494.7	30.00	7.900	781.4	8.00	320.5	512.6	30.00	7.500	769.3	7.80	310.4	548.1	30.00	6.800	745.0	7.30
	44.00	337.0	499.6	30.00	8.090	808.9	8.60	331.9	517.6	30.00	7.700	796.7	8.30	321.7	553.4	30.00	6.980	772.2	7.90
	45.00	343.1	502.1	30.00	8.200	823.5	8.80	338.0	520.2	30.00	7.800	811.3	8.60	327.7	556.2	30.00	7.070	786.6	8.10
	48.00	358.8	508.8	30.00	8.460	861.2	9.60	353.5	527.0	30.00	8.050	848.5	9.30	342.8	563.3	30.00	7.300	822.9	8.80
APCY5395TH	40.00	326.9	504.5	33.00	7.780	784.7	8.10	321.9	523.2	33.00	7.380	772.7	7.90	311.7	560.4	33.00	6.680	748.3	7.40
	42.00	338.6	509.2	33.00	7.980	812.8	8.60	333.5	528.1	33.00	7.580	800.6	8.40	323.2	565.5	33.00	6.860	775.9	7.90
	44.00	350.6	514.0	33.00	8.190	841.6	9.20	345.4	533.0	33.00	7.780	829.2	8.90	335.0	570.6	33.00	7.050	804.2	8.50
	45.00	357.0	516.6	33.00	8.290	856.8	9.50	351.8	535.6	33.00	7.880	844.4	9.20	341.3	573.4	33.00	7.140	819.2	8.80
	48.00	373.8	523.2	33.00	8.570	897.1	10.3	368.4	542.3	33.00	8.150	884.2	10.0	357.4	580.4	33.00	7.390	858.0	9.50
APCY5410TH	40.00	339.2	532.3	33.00	7.650	814.2	8.70	333.6	552.1	33.00	7.250	800.9	8.40	322.3	591.7	33.00	6.540	773.7	7.90
	42.00	351.3	537.5	33.00	7.840	843.3	9.20	345.7	557.5	33.00	7.440	829.8	9.00	334.2	597.3	33.00	6.710	802.1	8.40
	44.00	363.7	542.8	33.00	8.040	873.0	9.80	358.0	562.9	33.00	7.630	859.2	9.50	346.3	603.0	33.00	6.890	831.2	9.00
	45.00	370.3	545.6	33.00	8.140	888.8	10.1	364.5	565.7	33.00	7.730	874.9	9.80	352.7	606.1	33.00	6.980	846.6	9.30
	48.00	388.0	553.1	33.00	8.420	931.2	10.9	381.9	573.4	33.00	7.990	916.6	10.6	369.6	614.1	33.00	7.220	887.0	10.1
APCY5425TH	40.00	354.9	549.5	36.00	7.750	852.0	9.40	349.0	570.1	36.00	7.350	837.8	9.10	336.9	611.6	36.00	6.610	808.6	8.60
	42.00	367.7	554.7	36.00	7.960	882.7	10.0	361.7	575.5	36.00	7.540	868.1	9.70	349.3	617.3	36.00	6.790	838.3	9.10
	44.00	380.7	560.0	36.00	8.160	913.7	10.6	374.5	580.9	36.00	7.740	898.9	10.3	361.8	623.0	36.00	6.970	868.5	9.70
	45.00	387.5	562.7	36.00	8.260	930.2	10.9	381.3	583.8	36.00	7.840	915.2	10.6	368.5	626.1	36.00	7.060	884.6	10.0
	48.00	406.5	570.3	36.00	8.550	975.8	11.8	399.9	591.6	36.00	8.110	960.0	11.5	386.5	634.3	36.00	7.310	927.7	10.9
APCY5455TH	40.00	374.8	580.7	36.00	7.750	899.8	9.00	368.0	602.4	36.00	7.330	883.3	8.70	353.9	646.1	36.00	6.570	849.5	8.10
	42.00	389.2	586.9	36.00	7.960	934.2	9.70	382.3	608.9	36.00	7.530	917.5	9.40	368.0	653.1	36.00	6.760	883.4	8.70
	44.00	404.7	593.5	36.00	8.180	971.3	10.5	397.5	615.7	36.00	7.750	954.1	10.1	382.9	660.4	36.00	6.960	919.1	9.40
	45.00	411.7	596.5	36.00	8.280	988.3	10.8	404.5	618.8	36.00	7.840	970.9	10.4	389.6	663.7	36.00	7.050	935.3	9.70
	48.00	429.8	604.3	36.00	8.540	1032	11.7	422.2	626.9	36.00	8.080	1014	11.3	406.8	672.3	36.00	7.260	976.4	10.6
APCY5475TH	40.00	393.0	592.4	36.00	7.960	943.4	9.90	386.9	614.6	36.00	7.560	928.7	9.60	374.6	659.1	36.00	6.820	899.2	9.00
	42.00	408.2	598.4	36.00	8.190	979.8	10.6	402.0	620.8	36.00	7.770	965.0	10.3	389.7	665.8	36.00	7.020	935.4	9.70
	44.00	424.8	604.9	36.00	8.430	1020	11.5	418.5	627.5	36.00	8.000	1005	11.1	406.0	673.1	36.00	7.240	974.4	10.5
	45.00	432.6	607.9	36.00	8.540	1038	11.8	426.2	630.6	36.00	8.110	1023	11.5	413.4	676.4	36.00	7.340	992.4	10.9
	48.00	452.4	615.6	36.00	8.820	1086	12.9	445.8	638.7	36.00	8.380	1070	12.5	432.5	685.1	36.00	7.580	1038	11.8
APCY5495TH	40.00	406.8	619.2	36.00	7.880	976.5	10.6	401.3	642.1	36.00	7.500	963.3	10.3	390.6	688.1	36.00	6.810	937.6	9.80
	42.00	422.5	625.6	36.00	8.110	1014	11.3	417.1	648.7	36.00	7.720	1001	11.1	406.5	695.3	36.00	7.020	975.6	10.5
	44.00	440.1	632.6	36.00	8.350	1056	12.2	434.6	656.1	36.00	7.950	1043	11.9	423.9	703.2	36.00	7.230	1017	11.4
	45.00	448.4	635.9	36.00	8.460	1076	12.7	442.9	659.5	36.00	8.060	1063	12.4	432.0	706.9	36.00	7.330	1037	11.8
	48.00	469.6	644.5	36.00	8.740	1127	13.8	463.9	668.4	36.00	8.330	1114	13.5	452.8	716.6	36.00	7.580	1087	12.9
APCY5520TH	40.00	429.0	649.8	36.00	7.920	1030	11.4	424.3	673.5	36.00	7.560	1018	11.2	415.2	721.1	36.00	6.910	996.5	10.8
	42.00	445.5	656.6	36.00	8.140	1069	12.3	440.7	680.6	36.00	7.770	1058	12.0	431.7	728.8	36.00	7.110	1036	11.6
	44.00	462.6	663.6	36.00	8.370	1111	13.2	457.9	687.9	36.00	7.990	1099	12.9	449.1	736.9	36.00	7.310	1078	12.4
	45.00	472.0	667.5	36.00	8.490	1133	13.7	467.3	692.0	36.00	8.100	1122	13.4	458.5	741.3	36.00	7.420	1101	12.9
	48.00	492.6	676.1	36.00	8.740	1182	14.8	487.8	701.0	36.00	8.350	1171	14.5	-	-	-	-	-	-

Table 10

Notes:

1.Capacity ratings are based on following condition. Evaporator Water Temperature Change: 10ºF Evaporator Fouling Factor: 0.000100 h ft².ºF/Btu .

2. Total power mentioned in this page should not be used for cable or fuse selection. Unit Maximum running current given in the electrical data pages (44 to 48) should be referred for the same.

CAPACITY RATINGS - 60.Hz (IP)

Model	LWT	Condenser Entering Air Dry Bulb °F																	
		85.00						95.00						105.0					
		Capacity	Total Power[2]	Fan Power	EER	WFR	WPD	Capacity	Total Power[2]	Fan Power	EER	WFR	WPD	Capacity	Total Power[2]	Fan Power	EER	WFR	WPD
	°F	tonR	kW	kW	Btu / W.h	gpm	ft H20	tonR	kW	kW	Btu / W.h	gpm	ft H20	tonR	kW	kW	Btu / W.h	gpm	ft H20
APCY6095DH	40.00	90.85	91.75	12.00	11.88	218.1	12.6	86.58	102.0	12.00	10.18	207.8	11.5	81.69	113.0	12.00	8.670	196.1	10.3
	42.00	93.35	92.49	12.00	12.11	224.1	13.3	89.21	102.9	12.00	10.40	214.1	12.2	84.40	114.0	12.00	8.880	202.6	10.9
	44.00	97.31	93.63	12.00	12.47	233.6	14.4	93.01	104.2	12.00	10.71	223.2	13.1	88.00	115.3	12.00	9.160	211.2	11.8
	45.00	99.47	94.23	12.00	12.67	238.7	15.0	95.00	104.8	12.00	10.87	228.0	13.7	89.82	115.9	12.00	9.290	215.6	12.3
	48.00	105.5	95.88	12.00	13.20	253.2	16.8	100.5	106.6	12.00	11.32	241.4	15.3	94.94	117.7	12.00	9.680	227.9	13.7
APCY6100DH	40.00	99.19	98.54	12.00	12.08	238.1	10.9	94.31	109.9	12.00	10.29	226.4	9.90	88.81	122.3	12.00	8.710	213.2	8.80
	42.00	103.1	99.80	12.00	12.40	247.6	11.7	98.06	111.3	12.00	10.57	235.4	10.6	92.36	123.7	12.00	8.950	221.7	9.50
	44.00	106.8	100.9	12.00	12.70	256.4	12.5	101.5	112.6	12.00	10.82	243.7	11.3	95.62	125.0	12.00	9.170	229.5	10.1
	45.00	108.7	101.5	12.00	12.85	261.0	12.9	103.3	113.2	12.00	10.95	248.1	11.7	97.35	125.7	12.00	9.290	233.7	10.5
	48.00	114.4	103.2	12.00	13.30	274.6	14.2	108.7	115.0	12.00	11.34	261.0	12.9	102.3	127.6	12.00	9.630	245.7	11.5
APCY6110DH	40.00	104.4	104.7	12.00	11.97	250.8	12.0	99.43	117.3	12.00	10.17	238.6	10.9	93.78	131.3	12.00	8.570	225.1	9.80
	42.00	108.6	106.1	12.00	12.28	260.7	12.9	103.3	118.9	12.00	10.42	248.1	11.7	97.51	133.0	12.00	8.800	234.0	10.5
	44.00	112.4	107.4	12.00	12.56	269.9	13.8	107.0	120.4	12.00	10.66	256.9	12.5	100.9	134.5	12.00	9.000	242.3	11.2
	45.00	114.4	108.1	12.00	12.70	274.7	14.3	108.9	121.1	12.00	10.79	261.4	13.0	102.7	135.3	12.00	9.110	246.6	11.6
	48.00	120.4	110.1	12.00	13.12	289.2	15.7	114.6	123.3	12.00	11.15	275.0	14.3	108.0	137.5	12.00	9.430	259.4	12.8
APCY6115DH	40.00	111.7	111.1	14.00	12.07	268.2	13.6	106.5	124.1	14.00	10.30	255.6	12.4	100.7	138.7	14.00	8.720	241.8	11.2
	42.00	116.1	112.4	14.00	12.40	278.8	14.7	110.7	125.6	14.00	10.57	265.8	13.4	104.8	140.3	14.00	8.960	251.6	12.1
	44.00	120.3	113.7	14.00	12.70	288.9	15.7	114.7	127.1	14.00	10.83	275.4	14.3	108.6	141.8	14.00	9.190	260.7	12.9
	45.00	122.5	114.3	14.00	12.86	294.1	16.2	116.8	127.8	14.00	10.97	280.3	14.8	110.5	142.6	14.00	9.300	265.4	13.3
	48.00	129.1	116.2	14.00	13.33	309.9	18.0	123.0	129.9	14.00	11.36	295.3	16.4	116.4	144.9	14.00	9.640	279.5	14.7
APCY6125DH	40.00	123.0	119.1	16.00	12.39	295.4	11.1	117.3	132.7	16.00	10.61	281.7	10.2	111.2	148.0	16.00	9.020	267.1	9.30
	42.00	127.5	120.3	16.00	12.71	306.1	11.9	121.8	134.1	16.00	10.89	292.4	10.9	115.6	149.6	16.00	9.280	277.7	9.90
	44.00	133.3	121.9	16.00	13.13	320.2	12.9	127.3	135.9	16.00	11.24	305.5	11.8	120.8	151.5	16.00	9.570	289.9	10.7
	45.00	135.9	122.5	16.00	13.31	326.2	13.4	129.6	136.6	16.00	11.38	311.1	12.3	122.9	152.2	16.00	9.690	295.1	11.1
	48.00	144.1	124.6	16.00	13.88	346.0	15.0	137.6	139.1	16.00	11.88	330.4	13.8	130.8	155.0	16.00	10.12	313.9	12.5
APCY6135DH	40.00	134.1	131.0	16.00	12.28	322.0	13.1	127.4	145.7	16.00	10.49	305.9	11.9	120.2	161.7	16.00	8.920	288.6	10.7
	42.00	138.4	132.3	16.00	12.55	332.3	13.9	131.8	147.3	16.00	10.74	316.5	12.7	124.7	163.4	16.00	9.150	299.3	11.4
	44.00	144.9	134.2	16.00	12.95	347.8	15.2	137.9	149.3	16.00	11.08	331.0	13.8	130.3	165.6	16.00	9.440	312.9	12.4
	45.00	147.8	135.1	16.00	13.13	354.8	15.8	140.5	150.2	16.00	11.22	337.4	14.3	132.7	166.6	16.00	9.560	318.7	12.8
	48.00	156.2	137.6	16.00	13.63	375.1	17.6	148.8	153.1	16.00	11.67	357.2	16.0	140.8	169.7	16.00	9.960	338.1	14.4
APCY6145DH	40.00	144.5	143.3	16.00	12.10	346.9	15.1	136.8	158.9	16.00	10.33	328.4	13.6	128.5	175.4	16.00	8.790	308.5	12.1
	42.00	148.3	144.6	16.00	12.31	356.2	15.9	141.0	160.5	16.00	10.54	338.5	14.4	132.9	177.2	16.00	9.000	319.1	12.9
	44.00	155.3	146.8	16.00	12.69	372.9	17.4	147.6	162.9	16.00	10.87	354.3	15.7	139.0	179.7	16.00	9.280	333.8	14.0
	45.00	158.7	147.9	16.00	12.87	380.9	18.2	150.5	164.0	16.00	11.02	361.4	16.4	141.7	180.8	16.00	9.400	340.2	14.6
	48.00	167.3	150.7	16.00	13.32	401.6	20.2	159.0	167.1	16.00	11.42	381.7	18.2	150.0	184.3	16.00	9.770	360.1	16.3
APCY6160DH	40.00	161.5	150.2	20.00	12.90	387.7	11.6	153.1	166.5	20.00	11.03	367.5	10.7	143.9	183.8	20.00	9.390	345.4	9.80
	42.00	168.3	152.0	20.00	13.28	404.1	12.3	159.4	168.5	20.00	11.36	382.8	11.3	149.8	185.9	20.00	9.670	359.6	10.4
	44.00	173.9	153.5	20.00	13.59	417.4	12.8	164.8	170.1	20.00	11.62	395.6	11.8	154.9	187.7	20.00	9.900	371.9	10.9
	45.00	177.4	154.5	20.00	13.78	425.9	13.2	168.3	171.2	20.00	11.79	404.0	12.2	158.3	188.9	20.00	10.06	380.1	11.2
	48.00	187.0	157.1	20.00	14.29	449.0	14.3	177.4	174.1	20.00	12.23	425.8	13.2	167.0	192.0	20.00	10.44	400.8	12.1
APCY6170DH	40.00	167.4	159.2	20.00	12.62	401.8	12.2	158.7	176.4	20.00	10.80	381.0	11.3	149.1	194.8	20.00	9.190	358.1	10.3
	42.00	174.5	161.2	20.00	12.98	418.8	12.9	165.4	178.6	20.00	11.11	397.0	12.0	155.3	197.1	20.00	9.460	372.9	10.9
	44.00	180.2	162.9	20.00	13.28	432.7	13.5	170.9	180.5	20.00	11.36	410.3	12.5	160.6	199.1	20.00	9.680	385.6	11.5
	45.00	183.8	163.9	20.00	13.45	441.3	13.9	174.4	181.7	20.00	11.52	418.8	12.9	164.1	200.5	20.00	9.820	394.0	11.8
	48.00	193.9	166.9	20.00	13.94	465.4	15.0	184.0	184.9	20.00	11.94	441.6	13.9	173.1	203.9	20.00	10.19	415.6	12.8
APCY6185DH	40.00	175.3	172.4	20.00	12.21	420.9	13.0	169.4	194.8	20.00	10.43	406.7	12.4	162.8	218.8	20.00	8.930	390.9	11.7
	42.00	182.3	174.2	20.00	12.55	437.6	13.7	176.1	196.9	20.00	10.73	422.9	13.1	169.3	221.0	20.00	9.190	406.5	12.4
	44.00	187.8	175.7	20.00	12.82	450.8	14.3	181.5	198.6	20.00	10.97	435.8	13.6	174.7	222.9	20.00	9.410	419.3	12.9
	45.00	191.1	176.6	20.00	12.99	458.8	14.7	184.9	199.6	20.00	11.12	443.9	14.0	178.0	224.0	20.00	9.540	427.4	13.3
	48.00	200.8	179.0	20.00	13.46	481.9	15.8	194.3	202.3	20.00	11.52	466.5	15.1	187.3	227.1	20.00	9.900	449.6	14.3

Table 11

Notes:

1.Capacity ratings are based on following condition. Evaporator Water Temperature Change: 10ºF Evaporator Fouling Factor: 0.000100 h ft².ºF/Btu .

2.Total power mentioned in this page should not be used for cable or fuse selection. Unit Maximum running current given in the electrical data pages (44 to 48) should be referred for the same.

CAPACITY RATINGS - 60.Hz (IP)

Model	LWT	Condenser Entering Air Dry Bulb °F																	
		115.0						118.4						125.0					
		Capacity	Total Power[2]	Fan Power	EER	WFR	WPD	Capacity	Total Power[2]	Fan Power	EER	WFR	WPD	Capacity	Total Power[2]	Fan Power	EER	WFR	WPD
	°F	tonR	kW	kW	Btu / W.h	gpm	ft H20	tonR	kW	kW	Btu / W.h	gpm	ft H20	tonR	kW	kW	Btu / W.h	gpm	ft H20
APCY6095DH	40.00	76.17	124.6	12.00	7.330	182.8	9.00	74.15	128.6	12.00	6.910	178.0	8.50	70.02	136.7	12.00	6.140	168.1	7.70
	42.00	78.91	125.7	12.00	7.530	189.4	9.60	76.89	129.7	12.00	7.110	184.5	9.20	72.74	137.8	12.00	6.330	174.6	8.20
	44.00	82.28	126.9	12.00	7.780	197.5	10.4	80.17	131.0	12.00	7.340	192.4	9.90	75.83	139.0	12.00	6.550	182.0	8.90
	45.00	83.92	127.5	12.00	7.890	201.4	10.8	81.75	131.6	12.00	7.450	196.2	10.3	74.11	138.3	12.00	6.430	177.9	8.50
	48.00	88.60	129.2	12.00	8.230	212.7	12.0	86.29	133.2	12.00	7.770	207.1	11.4	81.57	141.0	12.00	6.940	195.8	10.2
APCY6100DH	40.00	82.71	135.6	12.00	7.320	198.5	7.80	80.50	140.3	12.00	6.880	193.2	7.40	76.00	149.7	12.00	6.090	182.4	6.60
	42.00	86.03	137.0	12.00	7.530	206.5	8.30	83.74	141.7	12.00	7.090	201.0	7.90	79.08	151.0	12.00	6.280	189.8	7.10
	44.00	89.09	138.3	12.00	7.730	213.8	8.90	86.72	143.0	12.00	7.280	208.1	8.50	81.93	152.2	12.00	6.460	196.6	7.60
	45.00	90.72	139.0	12.00	7.830	217.7	9.20	88.33	143.6	12.00	7.380	212.0	8.80	83.47	152.9	12.00	6.550	200.3	7.90
	48.00	95.41	140.8	12.00	8.130	229.0	10.1	92.90	145.5	12.00	7.660	223.0	9.60	87.81	154.7	12.00	6.810	210.8	8.70
APCY6110DH	40.00	87.53	146.5	12.00	7.170	210.1	8.60	85.27	151.9	12.00	6.730	204.7	8.20	80.67	162.9	12.00	5.940	193.6	7.40
	42.00	91.04	148.2	12.00	7.370	218.5	9.30	88.70	153.6	12.00	6.930	212.9	8.80	83.95	164.5	12.00	6.120	201.5	8.00
	44.00	94.27	149.7	12.00	7.550	226.2	9.90	91.85	155.1	12.00	7.100	220.4	9.40	86.96	165.9	12.00	6.290	208.7	8.50
	45.00	95.98	150.5	12.00	7.650	230.4	10.2	93.53	155.9	12.00	7.200	224.5	9.70	88.57	166.7	12.00	6.370	212.6	8.80
	48.00	100.9	152.7	12.00	7.930	242.3	11.2	98.37	158.1	12.00	7.460	236.1	10.7	93.18	168.9	12.00	6.620	223.6	9.70
APCY6115DH	40.00	94.53	154.7	14.00	7.330	226.9	9.90	92.30	160.5	14.00	6.900	221.5	9.50	87.80	172.2	14.00	6.120	210.7	8.70
	42.00	98.40	156.4	14.00	7.550	236.2	10.7	96.09	162.2	14.00	7.110	230.6	10.2	91.45	173.9	14.00	6.310	219.5	9.30
	44.00	101.9	158.0	14.00	7.740	244.7	11.4	99.60	163.8	14.00	7.290	239.0	11.0	94.82	175.5	14.00	6.480	227.6	10.0
	45.00	103.8	158.8	14.00	7.840	249.2	11.8	101.4	164.6	14.00	7.390	243.5	11.3	96.60	176.3	14.00	6.570	231.9	10.3
	48.00	109.3	161.2	14.00	8.140	262.6	13.1	106.8	167.0	14.00	7.680	256.5	12.5	101.8	178.7	14.00	6.840	244.3	11.4
APCY6125DH	40.00	104.8	164.9	16.00	7.630	251.6	8.40	102.5	171.1	16.00	7.190	246.1	8.10	98.00	183.5	16.00	6.410	235.2	7.50
	42.00	109.1	166.7	16.00	7.860	262.0	9.00	106.8	172.9	16.00	7.410	256.4	8.60	102.2	185.4	16.00	6.610	245.3	8.00
	44.00	113.8	168.6	16.00	8.100	273.3	9.70	111.4	174.8	16.00	7.650	267.5	9.30	106.5	187.3	16.00	6.820	255.7	8.60
	45.00	115.8	169.4	16.00	8.200	278.1	10.0	113.3	175.6	16.00	7.740	272.1	9.60	108.3	188.1	16.00	6.910	260.1	8.80
	48.00	123.5	172.4	16.00	8.590	296.4	11.2	120.9	178.7	16.00	8.120	290.3	10.8	115.8	191.3	16.00	7.260	278.0	10.0
APCY6135DH	40.00	112.5	178.9	16.00	7.550	270.1	9.50	109.8	185.0	16.00	7.120	263.6	9.10	104.3	197.3	16.00	6.350	250.5	8.30
	42.00	117.0	180.8	16.00	7.760	280.8	10.1	114.2	187.0	16.00	7.330	274.2	9.70	108.7	199.4	16.00	6.540	261.0	8.90
	44.00	122.2	183.1	16.00	8.010	293.3	11.0	119.3	189.2	16.00	7.560	286.4	10.5	113.5	201.6	16.00	6.750	272.4	9.60
	45.00	124.4	184.0	16.00	8.110	298.6	11.3	121.4	190.2	16.00	7.660	291.5	10.8	115.5	202.6	16.00	6.840	277.2	9.90
	48.00	132.3	187.5	16.00	8.470	317.6	12.7	129.2	193.8	16.00	8.000	310.3	12.2	123.2	206.4	16.00	7.170	295.8	11.1
APCY6145DH	40.00	119.6	192.8	16.00	7.450	287.2	10.6	116.4	198.9	16.00	7.030	279.6	10.1	110.1	210.9	16.00	6.270	264.4	9.10
	42.00	124.1	194.7	16.00	7.650	298.0	11.3	121.0	200.9	16.00	7.230	290.4	10.8	114.6	213.0	16.00	6.460	275.2	9.80
	44.00	129.8	197.3	16.00	7.890	311.5	12.3	126.4	203.4	16.00	7.460	303.6	11.7	119.8	215.6	16.00	6.670	287.6	10.6
	45.00	132.2	198.4	16.00	7.990	317.3	12.7	128.8	204.5	16.00	7.560	309.1	12.1	121.9	216.7	16.00	6.750	292.7	10.9
	48.00	140.3	202.3	16.00	8.320	336.8	14.3	136.8	208.6	16.00	7.870	328.5	13.6	129.9	221.0	16.00	7.050	311.9	12.3
APCY6160DH	40.00	133.9	202.1	20.00	7.950	321.4	8.80	130.3	208.5	20.00	7.500	312.8	8.50	123.1	221.4	20.00	6.680	295.6	7.80
	42.00	139.3	204.2	20.00	8.190	334.5	9.40	135.6	210.6	20.00	7.720	325.5	9.00	128.1	223.4	20.00	6.880	307.5	8.30
	44.00	144.2	206.1	20.00	8.400	346.2	9.80	140.4	212.6	20.00	7.930	337.1	9.50	132.8	225.5	20.00	7.070	318.8	8.70
	45.00	147.6	207.5	20.00	8.540	354.4	10.2	143.8	214.0	20.00	8.060	345.2	9.80	136.1	227.0	20.00	7.200	326.8	9.10
	48.00	155.7	210.8	20.00	8.870	373.9	11.0	151.8	217.4	20.00	8.380	364.3	10.6	143.8	230.5	20.00	7.490	345.2	9.80
APCY6170DH	40.00	138.6	214.4	20.00	7.760	332.8	9.30	134.8	221.3	20.00	7.310	323.7	8.90	127.2	235.1	20.00	6.490	305.3	8.20
	42.00	144.3	216.8	20.00	7.990	346.5	9.80	140.3	223.7	20.00	7.530	337.0	9.50	132.3	237.4	20.00	6.690	317.7	8.70
	44.00	149.4	218.9	20.00	8.190	358.6	10.3	145.3	225.8	20.00	7.720	348.9	9.90	137.2	239.6	20.00	6.870	329.3	9.20
	45.00	152.8	220.3	20.00	8.320	366.9	10.7	148.8	227.3	20.00	7.850	357.1	10.3	140.6	241.2	20.00	7.000	337.5	9.50
	48.00	161.3	224.0	20.00	8.640	387.2	11.5	157.1	231.0	20.00	8.160	377.0	11.1	148.5	244.9	20.00	7.280	356.6	10.3
APCY6185DH	40.00	155.5	244.2	20.00	7.650	373.4	11.0	152.9	253.1	20.00	7.250	367.1	10.7	147.6	270.9	20.00	6.540	354.4	10.2
	42.00	161.9	246.6	20.00	7.880	388.6	11.6	159.2	255.6	20.00	7.480	382.2	11.3	153.8	273.5	20.00	6.750	369.1	10.8
	44.00	167.1	248.5	20.00	8.070	401.3	12.1	164.4	257.6	20.00	7.660	394.8	11.9	159.0	275.6	20.00	6.920	381.7	11.3
	45.00	170.6	249.8	20.00	8.190	409.5	12.5	167.9	258.9	20.00	7.780	403.1	12.2	162.5	277.1	20.00	7.040	390.1	11.7
	48.00	179.6	253.2	20.00	8.510	431.2	13.4	176.9	262.4	20.00	8.090	424.6	13.2	171.4	280.8	20.00	7.320	411.4	12.6

Table 12

Notes:

1.Capacity ratings are based on following condition. Evaporator Water Temperature Change: 10ºF Evaporator Fouling Factor: 0.000100 h ft².ºF/Btu .

2. Total power mentioned in this page should not be used for cable or fuse selection. Unit Maximum running current given in the electrical data pages (44 to 48) should be referred for the same.

CAPACITY RATINGS - 60.Hz (IP)

Model	LWT	Condenser Entering Air Dry Bulb °F																	
		85.00						95.00						105.0					
		Capacity	Total Power[2]	Fan Power	EER	WFR	WPD	Capacity	Total Power[2]	Fan Power	EER	WFR	WPD	Capacity	Total Power[2]	Fan Power	EER	WFR	WPD
	°F	tonR	kW	kW	Btu / W.h	gpm	ft H20	tonR	kW	kW	Btu / W.h	gpm	ft H20	tonR	kW	kW	Btu / W.h	gpm	ft H20
APCY6195DH	40.00	185.3	186.1	20.00	11.95	444.9	14.1	178.6	209.7	20.00	10.23	428.9	13.3	171.3	234.6	20.00	8.760	411.3	12.60
	42.00	192.7	188.4	20.00	12.28	462.7	14.9	185.8	212.1	20.00	10.51	446.1	14.1	178.3	237.2	20.00	9.020	428.0	13.3
	44.00	198.5	190.0	20.00	12.53	476.5	15.6	191.5	214.0	20.00	10.74	459.7	14.7	183.8	239.3	20.00	9.220	441.3	13.9
	45.00	201.9	191.0	20.00	12.68	484.7	16.0	194.9	215.1	20.00	10.87	467.9	15.1	187.3	240.5	20.00	9.340	449.6	14.3
	48.00	212.1	193.9	20.00	13.13	509.2	17.2	204.8	218.2	20.00	11.26	491.7	16.3	197.0	244.0	20.00	9.690	472.9	15.4
APCY6205DH	40.00	195.0	200.1	20.00	11.69	468.0	15.1	187.5	224.7	20.00	10.02	450.2	14.3	179.5	250.6	20.00	8.600	430.9	13.4
	42.00	202.8	202.7	20.00	12.00	486.8	16.0	195.1	227.5	20.00	10.29	468.4	15.2	186.9	253.6	20.00	8.840	448.6	14.2
	44.00	208.8	204.6	20.00	12.25	501.3	16.8	201.0	229.6	20.00	10.51	482.6	15.8	192.7	255.9	20.00	9.040	462.5	14.9
	45.00	212.3	205.7	20.00	12.38	509.6	17.2	204.5	230.8	20.00	10.63	490.9	16.3	196.2	257.2	20.00	9.150	470.9	15.3
	48.00	223.0	209.0	20.00	12.80	535.3	18.5	215.0	234.4	20.00	11.01	516.0	17.5	206.4	261.1	20.00	9.480	495.5	16.5
APCY6220DH	40.00	209.0	208.7	24.00	12.02	501.8	16.8	201.5	234.6	24.00	10.31	483.7	15.9	193.2	262.3	24.00	8.840	463.8	14.9
	42.00	217.5	211.1	24.00	12.36	522.2	17.8	209.8	237.2	24.00	10.61	503.6	16.9	201.3	265.2	24.00	9.110	483.2	15.9
	44.00	224.1	212.9	24.00	12.63	538.1	18.7	216.2	239.2	24.00	10.85	519.0	17.6	207.6	267.4	24.00	9.320	498.3	16.6
	45.00	227.7	213.9	24.00	12.78	546.7	19.1	219.8	240.3	24.00	10.98	527.6	18.1	211.2	268.6	24.00	9.440	507.0	17.1
	48.00	239.4	216.9	24.00	13.25	574.7	20.7	231.2	243.7	24.00	11.39	555.0	19.6	222.4	272.3	24.00	9.800	533.8	18.4
APCY6230DH	40.00	219.6	224.8	24.00	11.72	527.1	18.1	211.6	252.6	24.00	10.05	508.0	17.1	202.8	282.8	24.00	8.610	486.8	16.1
	42.00	228.5	227.5	24.00	12.05	548.5	19.2	220.3	255.7	24.00	10.34	528.9	18.2	211.3	286.2	24.00	8.860	507.3	17.1
	44.00	235.5	229.5	24.00	12.31	565.3	20.2	227.1	258.0	24.00	10.57	545.3	19.0	218.0	288.7	24.00	9.060	523.2	17.9
	45.00	239.2	230.6	24.00	12.45	574.1	20.7	230.8	259.2	24.00	10.68	554.1	19.5	221.6	290.1	24.00	9.170	532.1	18.3
	48.00	251.5	234.1	24.00	12.89	603.8	22.4	242.9	263.2	24.00	11.07	583.0	21.2	233.4	294.4	24.00	9.510	560.3	19.9
APCY6240DH	40.00	227.6	227.2	24.00	12.02	546.4	10.3	219.3	255.3	24.00	10.31	526.4	9.50	210.1	285.7	24.00	8.830	504.3	8.80
	42.00	235.6	229.6	24.00	12.32	565.7	10.9	227.1	258.0	24.00	10.56	545.2	10.2	217.8	288.6	24.00	9.060	522.8	9.40
	44.00	243.9	232.0	24.00	12.62	585.4	11.7	235.2	260.7	24.00	10.83	564.6	10.9	225.7	291.6	24.00	9.290	541.8	10.1
	45.00	248.0	233.1	24.00	12.77	595.3	12.1	239.2	262.0	24.00	10.96	574.3	11.3	229.7	293.1	24.00	9.400	551.3	10.4
	48.00	260.6	236.6	24.00	13.22	625.7	13.2	251.6	266.0	24.00	11.35	604.0	12.4	241.8	297.5	24.00	9.750	580.4	11.5
APCY6260DH	40.00	245.1	239.1	28.00	12.30	588.3	11.8	237.0	268.9	28.00	10.58	568.8	11.1	227.9	300.6	28.00	9.100	547.2	10.3
	42.00	253.8	241.4	28.00	12.62	609.2	12.6	245.5	271.4	28.00	10.85	589.4	11.8	236.4	303.4	28.00	9.350	567.4	11.0
	44.00	262.8	243.6	28.00	12.94	630.8	13.4	254.4	274.0	28.00	11.14	610.6	12.6	245.1	306.3	28.00	9.600	588.3	11.8
	45.00	267.3	244.8	28.00	13.11	641.7	13.9	258.8	275.2	28.00	11.28	621.2	13.0	249.4	307.7	28.00	9.730	598.7	12.2
	48.00	281.1	248.1	28.00	13.60	674.9	15.2	272.4	279.0	28.00	11.71	653.8	14.4	262.8	311.9	28.00	10.11	630.8	13.4
APCY6275DH	40.00	259.2	258.0	28.00	12.06	622.3	13.1	251.0	290.2	28.00	10.38	602.6	12.3	241.8	324.0	28.00	8.960	580.5	11.5
	42.00	268.5	260.6	28.00	12.36	644.5	14.0	260.1	293.1	28.00	10.65	624.5	13.2	250.8	327.2	28.00	9.200	602.1	12.3
	44.00	278.1	263.3	28.00	12.67	667.5	14.9	269.5	296.0	28.00	10.93	647.0	14.0	260.1	330.4	28.00	9.450	624.4	13.2
	45.00	282.9	264.6	28.00	12.83	679.1	15.4	274.3	297.5	28.00	11.07	658.4	14.5	264.8	332.0	28.00	9.570	635.6	13.6
	48.00	297.6	268.5	28.00	13.30	714.4	16.9	288.8	301.8	28.00	11.48	693.2	16.0	279.1	336.9	28.00	9.940	669.8	15.0
APCY6300DH	40.00	281.4	271.7	32.00	12.43	675.5	7.00	272.6	306.5	32.00	10.67	654.4	6.60	262.8	343.2	32.00	9.190	630.7	6.10
	42.00	291.4	274.3	32.00	12.75	699.4	7.50	282.5	309.4	32.00	10.95	678.1	7.00	272.6	346.5	32.00	9.440	654.3	6.60
	44.00	301.9	277.0	32.00	13.08	724.8	8.00	292.8	312.4	32.00	11.25	702.9	7.54	282.7	349.7	32.00	9.700	678.5	7.10
	45.00	306.9	278.2	32.00	13.23	736.6	8.20	297.6	313.8	32.00	11.38	714.3	7.80	287.3	351.2	32.00	9.820	689.7	7.30
	48.00	319.7	281.4	32.00	13.64	767.4	8.80	310.0	317.2	32.00	11.73	744.2	8.40	299.3	355.1	32.00	10.12	718.5	7.90
APCY6320DH	40.00	294.8	290.9	32.00	12.16	707.6	7.60	285.4	328.8	32.00	10.41	685.0	7.20	274.8	369.0	32.00	8.940	659.8	6.70
	42.00	305.0	293.9	32.00	12.45	732.1	8.10	295.5	332.2	32.00	10.67	709.4	7.70	285.0	372.8	32.00	9.170	684.1	7.20
	44.00	316.2	297.2	32.00	12.77	758.9	8.60	306.4	335.7	32.00	10.95	735.6	8.19	295.6	376.6	32.00	9.420	709.7	7.70
	45.00	321.5	298.6	32.00	12.92	771.6	8.90	311.6	337.4	32.00	11.08	747.9	8.40	300.6	378.4	32.00	9.530	721.6	7.90
	48.00	335.3	302.4	32.00	13.30	804.8	9.60	324.9	341.6	32.00	11.42	779.9	9.10	313.5	383.0	32.00	9.820	752.5	8.50
APCY6340DH	40.00	317.8	308.8	36.00	12.35	762.9	8.70	307.6	347.9	36.00	10.61	738.3	8.20	295.9	389.9	36.00	9.110	710.3	7.70
	42.00	328.5	311.7	36.00	12.64	788.4	9.20	318.2	351.1	36.00	10.87	763.7	8.70	306.5	393.6	36.00	9.350	735.7	8.20
	44.00	340.7	314.9	36.00	12.98	817.7	9.80	330.1	354.6	36.00	11.17	792.4	9.31	318.1	397.5	36.00	9.600	763.5	8.70
	45.00	346.6	316.4	36.00	13.15	832.0	10.1	335.8	356.3	36.00	11.31	806.1	9.60	323.6	399.3	36.00	9.730	776.7	9.00
	48.00	362.3	320.2	36.00	13.58	869.6	10.9	350.9	360.6	36.00	11.68	842.2	10.3	338.0	404.0	36.00	10.04	811.4	9.70

Table 13

Notes:

1.Capacity ratings are based on following condition. Evaporator Water Temperature Change: 10ºF Evaporator Fouling Factor: 0.000100 h ft².ºF/Btu .

2.Total power mentioned in this page should not be used for cable or fuse selection. Unit Maximum running current given in the electrical data pages (44 to 48) should be referred for the same.

CAPACITY RATINGS - 60.Hz (IP)

Model	LWT	Condenser Entering Air Dry Bulb °F																	
		115.0						118.4						125.0					
		Capacity	Total Power[2]	Fan Power	EER	WFR	WPD	Capacity	Total Power[2]	Fan Power	EER	WFR	WPD	Capacity	Total Power[2]	Fan Power	EER	WFR	WPD
	°F	tonR	kW	kW	Btu / W.h	gpm	ft H20	tonR	kW	kW	Btu / W.h	gpm	ft H20	tonR	kW	kW	Btu / W.h	gpm	ft H20
APCY6195DH	40.00	163.3	260.9	20.00	7.510	392.1	11.7	160.5	270.2	20.00	7.130	385.3	11.5	154.8	288.7	20.00	6.430	371.6	10.9
	42.00	170.1	263.7	20.00	7.740	408.3	12.4	167.2	273.0	20.00	7.350	401.3	12.1	161.3	291.6	20.00	6.640	387.3	11.5
	44.00	175.6	265.9	20.00	7.920	421.6	13.0	172.7	275.3	20.00	7.530	414.5	12.7	166.8	294.0	20.00	6.810	400.4	12.1
	45.00	179.1	267.3	20.00	8.040	429.9	13.4	176.2	276.8	20.00	7.640	423.0	13.1	170.3	295.5	20.00	6.920	408.9	12.5
	48.00	188.6	271.1	20.00	8.350	452.8	14.4	185.6	280.7	20.00	7.940	445.7	14.1	179.7	299.6	20.00	7.200	431.4	13.5
APCY6205DH	40.00	170.9	277.9	20.00	7.380	410.2	12.5	167.8	287.5	20.00	7.010	402.8	12.2	161.7	306.5	20.00	6.330	388.1	11.6
	42.00	178.0	281.0	20.00	7.600	427.4	13.3	174.9	290.7	20.00	7.220	419.8	12.9	168.6	309.8	20.00	6.530	404.8	12.3
	44.00	183.8	283.5	20.00	7.780	441.1	13.9	180.6	293.2	20.00	7.390	433.6	13.6	174.3	312.5	20.00	6.690	418.4	12.9
	45.00	187.3	285.0	20.00	7.890	449.6	14.3	184.2	294.8	20.00	7.500	442.1	13.9	177.9	314.1	20.00	6.800	427.1	13.3
	48.00	197.3	289.2	20.00	8.190	473.7	15.4	194.1	299.1	20.00	7.790	466.0	15.1	187.7	318.7	20.00	7.070	450.7	14.3
APCY6220DH	40.00	184.2	291.8	24.00	7.580	442.2	13.9	181.0	302.3	24.00	7.180	434.4	13.6	174.5	323.2	24.00	6.480	418.8	12.9
	42.00	192.1	294.9	24.00	7.820	461.1	14.8	188.8	305.4	24.00	7.420	453.2	14.5	182.1	326.5	24.00	6.700	437.3	13.7
	44.00	198.3	297.3	24.00	8.000	476.0	15.5	194.9	307.9	24.00	7.600	468.0	15.1	188.3	329.0	24.00	6.870	452.0	14.4
	45.00	201.9	298.7	24.00	8.110	484.7	16.0	198.6	309.3	24.00	7.710	476.8	15.6	192.0	330.5	24.00	6.970	460.9	14.8
	48.00	212.9	302.7	24.00	8.440	511.0	17.3	209.5	313.5	24.00	8.020	502.9	16.8	202.7	334.9	24.00	7.260	486.7	16.0
APCY6230DH	40.00	193.1	315.3	24.00	7.350	463.6	14.9	189.6	326.8	24.00	6.960	455.3	14.5	182.6	350.0	24.00	6.260	438.4	13.8
	42.00	201.5	318.9	24.00	7.580	483.6	15.9	197.9	330.5	24.00	7.190	475.1	15.5	190.8	353.8	24.00	6.470	458.0	14.7
	44.00	208.0	321.6	24.00	7.760	499.2	16.7	204.4	333.3	24.00	7.360	490.7	16.2	197.2	356.8	24.00	6.630	473.3	15.4
	45.00	211.7	323.2	24.00	7.860	508.2	17.1	208.1	335.0	24.00	7.460	499.6	16.7	201.0	358.5	24.00	6.730	482.5	15.8
	48.00	223.2	327.9	24.00	8.170	535.9	18.6	219.6	339.8	24.00	7.760	527.1	18.1	212.3	363.6	24.00	7.010	509.6	17.2
APCY6240DH	40.00	200.1	318.3	24.00	7.540	480.3	8.00	196.5	329.9	24.00	7.150	471.6	7.70	189.2	353.1	24.00	6.430	454.2	7.20
	42.00	207.7	321.5	24.00	7.750	498.5	8.60	204.0	333.2	24.00	7.350	489.8	8.30	196.7	356.6	24.00	6.620	472.3	7.70
	44.00	215.4	324.7	24.00	7.960	517.1	9.20	211.8	336.5	24.00	7.550	508.3	8.90	204.4	360.0	24.00	6.810	490.6	8.30
	45.00	219.3	326.3	24.00	8.070	526.4	9.50	215.6	338.1	24.00	7.650	517.6	9.20	208.2	361.7	24.00	6.910	499.8	8.60
	48.00	231.3	331.2	24.00	8.380	555.1	10.6	227.5	343.1	24.00	7.960	546.1	10.2	220.0	367.0	24.00	7.190	528.0	9.60
APCY6260DH	40.00	218.0	334.3	28.00	7.830	523.4	9.40	214.4	346.2	28.00	7.430	514.8	9.10	207.2	369.8	28.00	6.720	497.4	8.60
	42.00	226.4	337.4	28.00	8.050	543.4	10.1	222.7	349.3	28.00	7.650	534.7	9.80	215.5	373.2	28.00	6.930	517.2	9.20
	44.00	234.9	340.5	28.00	8.280	563.9	10.9	231.3	352.6	28.00	7.870	555.1	10.6	223.9	376.6	28.00	7.140	537.5	9.90
	45.00	239.2	342.0	28.00	8.390	574.2	11.3	235.5	354.2	28.00	7.980	565.4	10.9	228.1	378.3	28.00	7.240	547.7	10.3
	48.00	252.4	346.8	28.00	8.730	605.8	12.4	248.6	359.1	28.00	8.310	596.8	12.1	241.1	383.7	28.00	7.540	578.8	11.4
APCY6275DH	40.00	231.7	359.4	28.00	7.740	556.2	10.6	228.0	371.7	28.00	7.360	547.4	10.3	220.6	396.3	28.00	6.680	529.6	9.70
	42.00	240.6	362.8	28.00	7.960	577.6	11.4	236.9	375.3	28.00	7.580	568.7	11.1	229.5	400.0	28.00	6.880	550.8	10.4
	44.00	249.8	366.4	28.00	8.180	599.5	12.2	246.0	379.0	28.00	7.790	590.6	11.9	238.5	403.9	28.00	7.090	572.6	11.2
	45.00	254.4	368.1	28.00	8.290	610.6	12.6	250.6	380.8	28.00	7.900	601.6	12.3	243.1	405.9	28.00	7.190	583.5	11.6
	48.00	268.5	373.7	28.00	8.620	644.4	14.0	264.7	386.6	28.00	8.210	635.3	13.6	257.0	412.3	28.00	7.480	616.9	12.9
APCY6300DH	40.00	251.9	381.8	32.00	7.920	604.6	5.50	248.0	395.4	32.00	7.530	595.2	5.30	240.0	422.3	32.00	6.820	576.1	4.90
	42.00	261.7	385.4	32.00	8.150	628.1	6.00	257.7	399.1	32.00	7.750	618.7	5.80	249.8	426.3	32.00	7.030	599.6	5.40
	44.00	271.5	389.0	32.00	8.380	651.8	6.50	267.5	402.8	32.00	7.970	642.2	6.30	259.4	430.3	32.00	7.240	622.8	5.90
	45.00	276.0	390.7	32.00	8.480	662.6	6.70	272.0	404.5	32.00	8.070	652.9	6.50	263.8	432.1	32.00	7.330	633.2	6.10
	48.00	287.7	394.9	32.00	8.740	690.6	7.30	283.5	408.9	32.00	8.320	680.5	7.10	275.1	436.8	32.00	7.560	660.3	6.70
APCY6320DH	40.00	263.2	411.4	32.00	7.680	631.9	6.10	259.0	426.3	32.00	7.290	621.8	5.90	250.6	456.0	32.00	6.590	601.5	5.50
	42.00	273.4	415.5	32.00	7.890	656.2	6.60	269.2	430.6	32.00	7.500	646.1	6.40	260.7	460.6	32.00	6.790	625.8	6.00
	44.00	283.8	419.7	32.00	8.110	681.2	7.10	279.5	434.9	32.00	7.710	671.0	6.90	270.9	465.1	32.00	6.990	650.2	6.50
	45.00	288.6	421.7	32.00	8.210	692.7	7.30	284.3	436.9	32.00	7.810	682.4	7.10	275.5	467.2	32.00	7.080	661.4	6.70
	48.00	301.0	426.7	32.00	8.470	722.6	7.90	296.6	442.0	32.00	8.050	711.9	7.70	287.6	472.6	32.00	7.300	690.3	7.30
APCY6340DH	40.00	282.8	434.9	36.00	7.800	678.9	7.10	278.1	450.9	36.00	7.400	667.5	6.80	268.3	483.0	36.00	6.670	644.1	6.40
	42.00	293.4	439.0	36.00	8.020	704.2	7.60	288.6	455.2	36.00	7.610	692.7	7.30	278.9	487.5	36.00	6.860	669.4	6.90
	44.00	304.7	443.3	36.00	8.250	731.3	8.10	299.8	459.6	36.00	7.830	719.5	7.90	289.8	492.1	36.00	7.070	695.6	7.40
	45.00	309.9	445.3	36.00	8.350	744.0	8.40	305.0	461.6	36.00	7.930	732.0	8.10	294.9	494.3	36.00	7.160	707.8	7.60
	48.00	323.7	450.5	36.00	8.620	777.1	9.00	318.6	466.9	36.00	8.190	764.6	8.80	308.0	499.9	36.00	7.390	739.4	8.30

Table 14

Notes:

1.Capacity ratings are based on following condition. Evaporator Water Temperature Change: 10ºF Evaporator Fouling Factor: 0.000100 h ft².ºF/Btu .

2. Total power mentioned in this page should not be used for cable or fuse selection. Unit Maximum running current given in the electrical data pages (44 to 48) should be referred for the same.

CAPACITY RATINGS - 60.Hz (IP)

Model	LWT	Condenser Entering Air Dry Bulb °F																	
		85.00						95.00						105.0					
		Capacity	Total Power[2]	Fan Power	EER	WFR	WPD	Capacity	Total Power[2]	Fan Power	EER	WFR	WPD	Capacity	Total Power[2]	Fan Power	EER	WFR	WPD
	°F	tonR	kW	kW	Btu / W.h	gpm	ft H20	tonR	kW	kW	Btu / W.h	gpm	ft H20	tonR	kW	kW	Btu / W.h	gpm	ft H20
APCY6360DH	40.00	337.6	333.7	36.00	12.14	810.5	9.70	326.2	374.7	36.00	10.45	783.0	9.10	313.0	419.5	36.00	8.950	751.3	8.50
	42.00	348.4	336.8	36.00	12.41	836.4	10.2	337.0	378.3	36.00	10.69	808.9	9.60	323.8	423.6	36.00	9.170	777.2	9.00
	44.00	361.5	340.4	36.00	12.74	867.6	10.8	349.7	382.4	36.00	10.97	839.3	10.2	336.1	428.1	36.00	9.420	806.7	9.60
	45.00	367.9	342.2	36.00	12.90	883.2	11.2	355.9	384.3	36.00	11.11	854.2	10.6	342.0	430.2	36.00	9.540	821.0	9.90
	48.00	385.3	346.8	36.00	13.33	924.7	12.1	372.4	389.4	36.00	11.48	893.8	11.4	357.7	435.8	36.00	9.850	858.6	10.6
APCY6385DH	40.00	355.6	351.1	40.00	12.16	853.6	10.5	343.8	393.7	40.00	10.48	825.3	10.0	331.4	440.1	40.00	9.040	795.4	9.40
	42.00	366.5	354.0	40.00	12.42	879.8	11.1	354.9	397.1	40.00	10.72	851.8	10.5	342.6	443.9	40.00	9.260	822.3	9.90
	44.00	380.3	357.6	40.00	12.76	912.8	11.8	368.4	401.1	40.00	11.02	884.3	11.1	355.9	448.4	40.00	9.530	854.3	10.6
	45.00	387.3	359.3	40.00	12.93	929.7	12.2	375.2	403.0	40.00	11.17	900.7	11.5	362.5	450.5	40.00	9.660	870.1	10.9
	48.00	406.3	364.0	40.00	13.40	975.3	13.2	393.6	408.2	40.00	11.57	944.7	12.5	380.2	456.2	40.00	10.00	912.5	11.8
APCY6405DH	40.00	370.3	375.3	40.00	11.84	888.9	11.3	358.0	420.5	40.00	10.22	859.4	10.7	346.1	469.4	40.00	8.850	830.7	10.1
	42.00	381.2	378.5	40.00	12.09	914.9	11.8	369.2	424.1	40.00	10.45	886.1	11.2	357.5	473.5	40.00	9.060	858.2	10.6
	44.00	395.4	382.4	40.00	12.41	949.2	12.6	383.4	428.6	40.00	10.73	920.2	11.9	371.7	478.4	40.00	9.320	892.2	11.4
	45.00	402.9	384.5	40.00	12.58	967.1	13.0	390.7	430.8	40.00	10.88	937.7	12.4	378.9	480.9	40.00	9.450	909.4	11.7
	48.00	423.4	389.9	40.00	13.03	1016	14.2	410.5	436.8	40.00	11.28	985.4	13.5	398.2	487.5	40.00	9.800	955.9	12.8
APCY6410TH	40.00	386.1	382.2	44.00	12.12	926.7	10.8	374.7	430.4	44.00	10.45	899.4	10.3	361.8	481.0	44.00	9.030	868.5	9.70
	42.00	399.7	385.9	44.00	12.43	959.4	11.5	388.0	434.4	44.00	10.72	931.2	10.9	374.8	485.3	44.00	9.270	899.6	10.3
	44.00	413.3	389.5	44.00	12.74	992.2	12.2	401.3	438.3	44.00	10.99	963.2	11.5	387.8	489.5	44.00	9.510	930.9	10.9
	45.00	420.6	391.3	44.00	12.90	1010	12.5	408.4	440.3	44.00	11.13	980.2	11.9	394.8	491.8	44.00	9.630	947.6	11.2
	48.00	441.4	396.5	44.00	13.36	1060	13.6	428.5	446.0	44.00	11.53	1028	12.9	414.1	498.0	44.00	9.980	994.1	12.2
APCY6425TH	40.00	397.9	400.8	44.00	11.91	955.1	11.4	386.1	452.2	44.00	10.25	926.8	10.8	372.8	506.2	44.00	8.840	894.8	10.2
	42.00	412.1	405.1	44.00	12.21	989.2	12.1	399.9	456.7	44.00	10.51	959.9	11.5	386.2	511.1	44.00	9.070	927.0	10.8
	44.00	426.3	409.1	44.00	12.50	1023	12.8	413.8	461.1	44.00	10.77	993.2	12.1	399.7	515.8	44.00	9.300	959.5	11.5
	45.00	433.8	411.2	44.00	12.66	1041	13.2	421.1	463.4	44.00	10.90	1011	12.5	406.9	518.4	44.00	9.420	976.8	11.8
	48.00	455.8	417.2	44.00	13.11	1094	14.4	442.3	469.9	44.00	11.29	1061.6	13.6	427.3	525.5	44.00	9.760	1026	12.9
APCY6445TH	40.00	411.9	412.2	48.00	11.99	988.6	12.1	400.1	465.9	48.00	10.30	960.3	11.5	386.6	522.8	48.00	8.870	928.0	10.9
	42.00	426.8	416.5	48.00	12.30	1025	12.8	414.6	470.6	48.00	10.57	995.2	12.2	400.7	527.8	48.00	9.110	961.9	11.5
	44.00	441.8	420.6	48.00	12.60	1060	13.6	429.1	475.1	48.00	10.84	1030	12.9	414.9	532.7	48.00	9.350	996.0	12.2
	45.00	449.6	422.7	48.00	12.76	1079	14.0	436.8	477.4	48.00	10.98	1049	13.4	422.5	535.2	48.00	9.470	1014	12.6
	48.00	473.2	428.9	48.00	13.24	1136	15.4	459.5	484.1	48.00	11.39	1103	14.6	444.3	542.5	48.00	9.830	1066	13.7
APCY6465TH	40.00	423.1	430.5	48.00	11.79	1016	12.6	411.0	487.4	48.00	10.12	986.5	12.0	397.1	547.8	48.00	8.700	953.2	11.4
	42.00	438.7	435.3	48.00	12.09	1053	13.5	426.1	492.6	48.00	10.38	1023	12.8	411.8	553.4	48.00	8.930	988.4	12.1
	44.00	454.3	440.0	48.00	12.39	1090	14.3	441.2	497.7	48.00	10.64	1059	13.5	426.5	558.8	48.00	9.160	1024	12.8
	45.00	462.4	442.4	48.00	12.54	1110	14.8	449.1	500.3	48.00	10.77	1078	14.0	434.2	561.6	48.00	9.280	1042	13.2
	48.00	487.2	449.4	48.00	13.01	1169	16.2	473.0	507.8	48.00	11.18	1135	15.4	457.1	569.8	48.00	9.630	1097	14.5
APCY6480TH	40.00	451.7	450.6	48.00	12.03	1084	14.2	438.2	509.0	48.00	10.330	1052	13.4	422.7	571.6	48.00	8.870	1014.7	12.6
	42.00	468.0	455.5	48.00	12.33	1123	15.1	454.0	514.3	48.00	10.59	1090	14.3	438.0	577.3	48.00	9.100	1051	13.4
	44.00	484.3	460.1	48.00	12.63	1162	16.1	469.8	519.4	48.00	10.85	1127	15.1	453.4	582.9	48.00	9.330	1088	14.2
	45.00	492.8	462.5	48.00	12.79	1183	16.6	478.1	522.0	48.00	10.99	1148	15.7	461.5	585.8	48.00	9.450	1108	14.7
	48.00	518.3	469.4	48.00	13.25	1244	18.3	502.5	529.6	48.00	11.39	1206	17.2	484.9	594.0	48.00	9.800	1164	16.1
APCY6495TH	40.00	455.2	479.1	48.00	11.40	1093	14.3	441.8	540.2	48.00	9.810	1061	13.6	426.1	606.5	48.00	8.430	1023	12.8
	42.00	472.9	485.2	48.00	11.70	1135	15.4	458.8	546.7	48.00	10.07	1101	14.6	442.2	613.4	48.00	8.650	1062	13.6
	44.00	490.6	491.0	48.00	11.99	1178	16.5	475.6	553.0	48.00	10.32	1141	15.5	458.3	620.1	48.00	8.870	1100	14.5
	45.00	499.6	493.9	48.00	12.14	1199	17.0	484.3	556.2	48.00	10.45	1163	16.1	466.8	623.5	48.00	8.980	1120	15.0
	48.00	528.2	502.8	48.00	12.61	1268	19.0	511.6	565.9	48.00	10.85	1228	17.8	492.6	633.9	48.00	9.320	1182	16.6
APCY6510TH	40.00	469.5	503.3	48.00	11.20	1127	15.2	455.8	566.9	48.00	9.650	1094	14.4	439.3	636.4	48.00	8.280	1055	13.5
	42.00	488.6	510.1	48.00	11.49	1173	16.3	473.8	574.2	48.00	9.900	1137	15.4	456.3	644.1	48.00	8.500	1095	14.4
	44.00	507.4	516.7	48.00	11.79	1218	17.6	491.6	581.2	48.00	10.15	1179	16.5	473.1	651.5	48.00	8.710	1136	15.4
	45.00	516.9	519.9	48.00	11.93	1241	18.2	500.7	584.7	48.00	10.28	1202	17.1	481.8	655.3	48.00	8.820	1157	15.9
	48.00	547.5	530.0	48.00	12.40	1314	20.5	529.6	595.6	48.00	10.67	1271	19.1	509.1	667.0	48.00	9.160	1222	17.7

Table 15

Notes:

1.Capacity ratings are based on following condition. Evaporator Water Temperature Change: 10ºF Evaporator Fouling Factor: 0.000100 h ft².ºF/Btu .

2.Total power mentioned in this page should not be used for cable or fuse selection. Unit Maximum running current given in the electrical data pages (44 to 48) should be referred for the same.

CAPACITY RATINGS - 60.Hz (IP)

Model	LWT	Condenser Entering Air Dry Bulb °F																	
		115.0						118.4						125.0					
		Capacity	Total Power[2]	Fan Power	EER	WFR	WPD	Capacity	Total Power[2]	Fan Power	EER	WFR	WPD	Capacity	Total Power[2]	Fan Power	EER	WFR	WPD
	°F	tonR	kW	kW	Btu / W.h	gpm	ft H20	tonR	kW	kW	Btu / W.h	gpm	ft H20	tonR	kW	kW	Btu / W.h	gpm	ft H20
APCY6360DH	40.00	298.1	468.1	36.00	7.640	715.5	7.80	292.6	485.4	36.00	7.230	702.5	7.50	281.5	520.3	36.00	6.490	675.7	7.00
	42.00	308.9	472.6	36.00	7.840	741.4	8.30	303.4	490.1	36.00	7.430	728.2	8.00	292.2	525.3	36.00	6.680	701.4	7.50
	44.00	320.7	477.5	36.00	8.060	769.9	8.90	315.1	495.2	36.00	7.640	756.4	8.60	303.6	530.6	36.00	6.870	728.8	8.10
	45.00	326.4	479.8	36.00	8.160	783.4	9.10	320.7	497.5	36.00	7.730	769.7	8.90	309.0	533.1	36.00	6.950	741.6	8.30
	48.00	341.2	485.9	36.00	8.430	819.0	9.80	335.2	503.8	36.00	7.980	804.6	9.50	322.9	539.7	36.00	7.180	775.1	9.00
APCY6385DH	40.00	318.2	490.1	40.00	7.790	763.9	8.70	313.6	508.0	40.00	7.410	752.8	8.50	304.4	544.0	40.00	6.720	730.7	8.10
	42.00	329.6	494.5	40.00	8.000	791.1	9.30	325.0	512.6	40.00	7.610	780.2	9.10	315.9	548.9	40.00	6.910	758.4	8.60
	44.00	342.7	499.4	40.00	8.240	822.6	9.90	338.1	517.7	40.00	7.840	811.5	9.70	328.8	554.3	40.00	7.120	789.3	9.20
	45.00	349.1	501.8	40.00	8.350	838.0	10.2	344.4	520.1	40.00	7.950	826.7	10.0	335.0	556.9	40.00	7.220	804.2	9.50
	48.00	366.1	508.1	40.00	8.650	878.8	11.1	361.2	526.7	40.00	8.230	867.0	10.8	351.5	563.9	40.00	7.480	843.6	10.3
APCY6405DH	40.00	334.6	521.9	40.00	7.690	803.1	9.50	330.7	540.6	40.00	7.340	793.9	9.30	323.5	578.3	40.00	6.710	776.4	9.00
	42.00	346.3	526.6	40.00	7.890	831.3	10.1	342.6	545.5	40.00	7.540	822.4	9.90	335.6	583.6	40.00	6.900	805.5	9.60
	44.00	360.5	532.1	40.00	8.130	865.3	10.8	356.8	551.3	40.00	7.770	856.4	10.6	349.8	589.8	40.00	7.120	839.6	10.3
	45.00	367.6	534.9	40.00	8.250	882.2	11.1	363.8	554.1	40.00	7.880	873.3	11.0	356.8	592.8	40.00	7.220	856.4	10.6
	48.00	386.6	542.3	40.00	8.550	927.9	12.1	382.7	561.8	40.00	8.180	918.7	11.9	375.6	601.2	40.00	7.500	901.5	11.6
APCY6410TH	40.00	347.5	533.9	44.00	7.810	834.1	9.00	342.3	552.4	44.00	7.440	821.6	8.80	331.7	589.2	44.00	6.760	796.2	8.30
	42.00	360.1	538.5	44.00	8.030	864.5	9.60	354.8	557.2	44.00	7.640	851.7	9.40	344.1	594.2	44.00	6.950	826.0	8.90
	44.00	373.0	543.2	44.00	8.240	895.3	10.2	367.6	562.0	44.00	7.850	882.4	10.0	356.8	599.4	44.00	7.140	856.4	9.50
	45.00	379.8	545.7	44.00	8.350	911.7	10.5	374.4	564.6	44.00	7.960	898.7	10.3	363.5	602.1	44.00	7.250	872.6	9.80
	48.00	398.5	552.6	44.00	8.650	956.5	11.4	392.9	571.7	44.00	8.250	943.0	11.2	381.5	609.8	44.00	7.510	915.7	10.6
APCY6425TH	40.00	357.9	562.9	44.00	7.630	859.0	9.50	352.4	582.8	44.00	7.260	846.0	9.30	341.4	622.3	44.00	6.580	819.5	8.80
	42.00	371.0	568.1	44.00	7.840	890.5	10.1	365.5	588.2	44.00	7.460	877.3	9.90	354.3	627.9	44.00	6.770	850.4	9.40
	44.00	384.3	573.4	44.00	8.040	922.4	10.7	378.7	593.5	44.00	7.660	909.0	10.5	367.4	633.6	44.00	6.960	881.8	10.0
	45.00	391.3	576.1	44.00	8.150	939.3	11.1	385.7	596.4	44.00	7.760	925.8	10.8	374.3	636.7	44.00	7.060	898.5	10.3
	48.00	411.0	583.9	44.00	8.450	986.4	12.0	405.1	604.4	44.00	8.040	972.3	11.7	393.2	645.2	44.00	7.310	943.8	11.2
APCY6445TH	40.00	371.5	582.7	48.00	7.650	891.8	10.1	366.0	603.8	48.00	7.270	878.6	9.90	354.8	645.7	48.00	6.590	851.6	9.40
	42.00	385.3	588.1	48.00	7.860	924.8	10.8	379.7	609.3	48.00	7.480	911.4	10.5	368.3	651.4	48.00	6.780	884.0	10.0
	44.00	399.2	593.4	48.00	8.070	958.2	11.5	393.5	614.7	48.00	7.680	944.5	11.2	382.0	657.2	48.00	6.970	916.8	10.6
	45.00	406.6	596.1	48.00	8.180	975.9	11.8	400.8	617.6	48.00	7.790	962.1	11.5	389.2	660.2	48.00	7.070	934.2	11.0
	48.00	427.6	604.0	48.00	8.490	1026	12.9	421.5	625.7	48.00	8.080	1012	12.6	409.4	668.8	48.00	7.350	982.6	12.0
APCY6465TH	40.00	381.5	611.5	48.00	7.490	915.8	10.6	375.8	634.0	48.00	7.110	902.1	10.4	364.2	678.7	48.00	6.440	874.2	9.80
	42.00	395.8	617.5	48.00	7.690	950.0	11.3	390.0	640.1	48.00	7.310	936.1	11.0	378.2	685.1	48.00	6.620	907.7	10.5
	44.00	410.2	623.4	48.00	7.900	984.5	12.0	404.2	646.1	48.00	7.510	970.3	11.7	392.3	691.4	48.00	6.810	941.5	11.1
	45.00	417.8	626.5	48.00	8.000	1003	12.4	411.8	649.3	48.00	7.610	988.5	12.1	399.7	694.8	48.00	6.900	959.5	11.5
	48.00	439.8	635.3	48.00	8.310	1056	13.5	433.5	658.3	48.00	7.900	1041	13.2	420.8	704.2	48.00	7.170	1010	12.5
APCY6480TH	40.00	405.2	638.4	48.00	7.620	972.6	11.7	398.8	662.0	48.00	7.230	957.1	11.4	385.6	709.3	48.00	6.520	925.6	10.8
	42.00	420.0	644.5	48.00	7.820	1008.1	12.5	413.4	668.3	48.00	7.420	992.3	12.2	400.0	715.8	48.00	6.710	960.2	11.5
	44.00	435.0	650.5	48.00	8.020	1044	13.3	428.3	674.5	48.00	7.620	1028	12.9	414.6	722.4	48.00	6.890	995.3	12.2
	45.00	442.9	653.7	48.00	8.130	1063	13.7	436.2	677.8	48.00	7.720	1047	13.3	422.4	725.9	48.00	6.980	1013.9	12.6
	48.00	465.2	662.6	48.00	8.430	1117	14.9	458.1	686.9	48.00	8.000	1100	14.5	443.7	735.5	48.00	7.240	1065	13.7
APCY6495TH	40.00	407.9	677.7	48.00	7.220	979.0	11.9	401.1	703.0	48.00	6.850	962.8	11.6	387.2	753.7	48.00	6.170	929.5	10.9
	42.00	423.3	685.0	48.00	7.420	1016	12.7	416.4	710.4	48.00	7.030	999.4	12.3	402.0	761.4	48.00	6.340	965.0	11.6
	44.00	438.8	692.1	48.00	7.610	1053	13.5	431.6	717.7	48.00	7.220	1036	13.1	416.9	769.0	48.00	6.510	1001	12.3
	45.00	446.9	695.8	48.00	7.710	1073	13.9	439.6	721.5	48.00	7.310	1055	13.5	424.8	773.0	48.00	6.590	1020	12.7
	48.00	471.3	706.9	48.00	8.000	1131	15.3	463.5	732.8	48.00	7.590	1113	14.8	-	-	-	-	-	-
APCY6510TH	40.00	420.0	711.6	48.00	7.080	1008	12.5	412.7	738.5	48.00	6.710	990.7	12.1	397.7	792.5	48.00	6.020	954.7	11.4
	42.00	436.0	719.7	48.00	7.270	1047	13.3	428.5	746.7	48.00	6.890	1028	12.9	412.9	800.9	48.00	6.190	991.2	12.1
	44.00	452.0	727.5	48.00	7.460	1085	14.2	444.2	754.7	48.00	7.060	1066	13.7	428.2	809.2	48.00	6.350	1028	12.9
	45.00	460.4	731.6	48.00	7.550	1105	14.6	452.4	758.8	48.00	7.160	1086	14.2	436.2	813.5	48.00	6.430	1047	13.3
	48.00	485.9	744.0	48.00	7.840	1166	16.2	477.4	771.4	48.00	7.430	1146	15.6	-	-	-	-	-	-

Table 16

Notes:

1.Capacity ratings are based on following condition. Evaporator Water Temperature Change: 10ºF Evaporator Fouling Factor: 0.000100 h ft².ºF/Btu .

2. Total power mentioned in this page should not be used for cable or fuse selection. Unit Maximum running current given in the electrical data pages (44 to 48) should be referred for the same.

CAPACITY RATINGS - 50.Hz (SI)

Model	LWT	Condenser Entering Air Dry Bulb °C																	
		32.0						35.0						38.0					
		Capacity	Total Power	Fan Power	COP	WFR	WPD	Capacity	Total Power	Fan Power	COP	WFR	WPD	Capacity	Total Power	Fan Power	COP	WFR	WPD
	°C	kW	kW	kW	W/W	L/s	kPa	kW	kW	kW	W/W	L/s	kPa	kW	kW	kW	W/W	L/s	kPa
APCY5080DH	5.00	274.8	78.95	9.000	3.481	13.14	34.5	267.9	83.73	9.000	3.199	12.81	32.9	260.4	88.69	9.000	2.937	12.45	31.1
	6.00	284.5	79.73	9.000	3.568	13.60	36.9	277.4	84.58	9.000	3.281	13.27	35.1	269.8	89.58	9.000	3.012	12.90	33.3
	7.00	295.4	80.59	9.000	3.666	14.13	39.7	288.0	85.48	9.000	3.369	13.78	37.7	280.0	90.51	9.000	3.093	13.39	35.8
	8.00	305.8	81.39	9.000	3.757	14.62	42.4	297.9	86.31	9.000	3.451	14.25	40.3	289.4	91.34	9.000	3.169	13.84	38.1
	9.00	315.9	82.15	9.000	3.846	15.11	45.2	307.7	87.11	9.000	3.533	14.72	42.9	298.9	92.15	9.000	3.244	14.29	40.6
APCY5085DH	5.00	289.6	84.00	9.000	3.449	13.85	38.2	282.7	89.34	9.000	3.164	13.52	36.4	275.1	94.93	9.000	2.899	13.16	34.6
	6.00	299.5	84.86	9.000	3.529	14.32	40.7	292.4	90.26	9.000	3.240	13.99	38.9	284.8	95.90	9.000	2.970	13.62	37.0
	7.00	311.2	85.86	9.000	3.625	14.88	43.9	303.8	91.30	9.000	3.327	14.53	41.8	295.7	96.97	9.000	3.050	14.14	39.7
	8.00	322.4	86.78	9.000	3.715	15.42	47.0	314.5	92.26	9.000	3.409	15.04	44.8	306.0	97.94	9.000	3.125	14.63	42.5
	9.00	333.4	87.67	9.000	3.803	15.94	50.2	325.0	93.17	9.000	3.489	15.55	47.7	316.1	98.87	9.000	3.198	15.12	45.2
APCY5090DH	5.00	304.0	89.23	9.000	3.408	14.54	41.9	297.0	95.18	9.000	3.121	14.20	40.1	289.4	101.4	9.000	2.853	13.84	38.1
	6.00	313.8	90.16	9.000	3.481	15.01	44.6	306.8	96.17	9.000	3.190	14.67	42.7	299.2	102.5	9.000	2.919	14.31	40.6
	7.00	326.3	91.31	9.000	3.574	15.61	48.1	318.9	97.36	9.000	3.275	15.26	46.0	310.8	103.7	9.000	2.997	14.87	43.8
	8.00	338.5	92.40	9.000	3.664	16.19	51.7	330.6	98.48	9.000	3.357	15.81	49.3	322.0	104.8	9.000	3.071	15.40	46.9
	9.00	350.2	93.41	9.000	3.749	16.75	55.3	341.8	99.53	9.000	3.434	16.35	52.7	332.8	105.9	9.000	3.141	15.92	50.0
APCY5095DH	5.00	318.1	96.69	9.000	3.290	15.21	45.8	310.6	103.0	9.000	3.015	14.86	43.7	302.7	109.7	9.000	2.758	14.48	41.6
	6.00	327.5	97.66	9.000	3.354	15.66	48.4	320.2	104.1	9.000	3.076	15.32	46.4	312.5	110.9	9.000	2.817	14.94	44.2
	7.00	340.7	98.99	9.000	3.442	16.29	52.3	333.1	105.4	9.000	3.158	15.93	50.0	324.9	112.3	9.000	2.892	15.54	47.7
	8.00	354.0	100.3	9.000	3.530	16.93	56.5	345.8	106.8	9.000	3.237	16.54	53.9	337.0	113.7	9.000	2.964	16.12	51.2
	9.00	366.5	101.5	9.000	3.611	17.53	60.5	357.8	108.0	9.000	3.311	17.11	57.6	348.6	114.9	9.000	3.031	16.67	54.7
APCY5105DH	5.00	359.1	101.3	12.00	3.542	17.18	41.9	350.2	107.6	12.00	3.252	16.75	39.9	341.0	114.4	12.00	2.981	16.31	38.0
	6.00	371.5	102.3	12.00	3.631	17.77	44.7	362.3	108.7	12.00	3.333	17.33	42.6	352.8	115.4	12.00	3.056	16.88	40.5
	7.00	383.6	103.2	12.00	3.715	18.35	47.5	374.2	109.6	12.00	3.412	17.90	45.3	364.4	116.5	12.00	3.128	17.43	43.1
	8.00	396.7	104.2	12.00	3.807	18.97	50.7	387.0	110.7	12.00	3.496	18.51	48.3	376.9	117.5	12.00	3.206	18.03	45.9
	9.00	408.4	105.0	12.00	3.888	19.53	53.6	398.3	111.5	12.00	3.570	19.05	51.1	387.9	118.5	12.00	3.273	18.55	48.5
APCY5115DH	5.00	392.4	111.6	12.00	3.515	18.77	49.6	381.9	118.4	12.00	3.224	18.26	47.1	371.0	125.5	12.00	2.955	17.74	44.6
	6.00	405.9	112.7	12.00	3.599	19.41	53.0	395.0	119.6	12.00	3.303	18.89	50.3	383.8	126.7	12.00	3.027	18.35	47.6
	7.00	418.8	113.8	12.00	3.680	20.03	56.3	407.7	120.7	12.00	3.377	19.50	53.4	396.1	127.9	12.00	3.096	18.94	50.5
	8.00	432.7	114.9	12.00	3.765	20.70	59.9	421.3	121.9	12.00	3.456	20.15	56.9	409.4	129.1	12.00	3.169	19.58	53.8
	9.00	445.7	115.9	12.00	3.843	21.32	63.5	433.8	122.9	12.00	3.527	20.75	60.2	421.5	130.3	12.00	3.235	20.16	57.0
APCY5125DH	5.00	436.6	123.3	12.00	3.540	20.88	41.2	424.3	130.5	12.00	3.249	20.29	39.1	411.5	138.0	12.00	2.980	19.68	36.8
	6.00	453.1	124.7	12.00	3.632	21.67	44.3	440.7	132.1	12.00	3.336	21.08	42.0	427.6	139.6	12.00	3.062	20.45	39.6
	7.00	470.8	126.3	12.00	3.727	22.52	47.8	457.5	133.6	12.00	3.423	21.89	45.1	443.7	141.2	12.00	3.141	21.22	42.6
	8.00	485.1	127.5	12.00	3.804	23.20	50.7	471.4	134.9	12.00	3.493	22.54	47.9	457.0	142.5	12.00	3.205	21.86	45.1
	9.00	504.8	129.2	12.00	3.905	24.15	54.8	491.2	136.8	12.00	3.590	23.49	51.9	477.0	144.6	12.00	3.298	22.82	49.0
APCY5130DH	5.00	452.0	131.2	12.00	3.443	21.62	44.1	439.4	139.0	12.00	3.161	21.02	41.8	426.2	147.0	12.00	2.898	20.38	39.4
	6.00	468.6	132.8	12.00	3.527	22.41	47.3	456.0	140.7	12.00	3.240	21.81	44.9	442.5	148.8	12.00	2.974	21.17	42.3
	7.00	487.3	134.6	12.00	3.618	23.31	51.1	473.8	142.5	12.00	3.323	22.67	48.3	459.6	150.7	12.00	3.050	21.98	45.6
	8.00	502.5	136.1	12.00	3.691	24.03	54.3	488.4	144.0	12.00	3.390	23.36	51.3	473.6	152.2	12.00	3.111	22.65	48.3
	9.00	522.1	138.0	12.00	3.782	24.97	58.6	508.2	146.1	12.00	3.477	24.31	55.5	493.6	154.4	12.00	3.195	23.61	52.4
APCY5140DH	5.00	479.0	134.5	15.00	3.559	22.91	49.4	466.7	142.5	15.00	3.274	22.32	47.0	453.6	150.8	15.00	3.007	21.70	44.4
	6.00	495.8	135.9	15.00	3.648	23.71	52.9	483.7	144.0	15.00	3.358	23.14	50.4	470.7	152.5	15.00	3.086	22.51	47.7
	7.00	516.9	137.6	15.00	3.755	24.72	57.4	503.9	145.8	15.00	3.455	24.11	54.6	490.0	154.3	15.00	3.175	23.44	51.7
	8.00	534.0	139.0	15.00	3.841	25.54	61.3	520.3	147.3	15.00	3.532	24.89	58.2	505.8	155.8	15.00	3.245	24.19	55.0
	9.00	553.6	140.6	15.00	3.936	26.48	65.8	540.2	149.0	15.00	3.624	25.84	62.7	526.0	157.7	15.00	3.334	25.16	59.4
APCY5155DH	5.00	526.4	147.3	15.00	3.573	25.18	36.0	516.7	157.5	15.00	3.280	24.71	35.1	506.4	168.0	15.00	3.014	24.22	34.1
	6.00	541.3	148.3	15.00	3.648	25.89	37.5	531.3	158.6	15.00	3.350	25.41	36.5	520.8	169.1	15.00	3.079	24.91	35.4
	7.00	557.6	149.4	15.00	3.730	26.67	39.1	547.5	159.7	15.00	3.427	26.19	38.0	537.0	170.4	15.00	3.151	25.68	37.0
	8.00	581.3	151.0	15.00	3.849	27.80	41.5	571.3	161.4	15.00	3.538	27.32	40.5	560.8	172.2	15.00	3.255	26.82	39.4
	9.00	589.4	151.5	15.00	3.889	28.19	42.3	579.0	162.0	15.00	3.574	27.69	41.3	568.0	172.8	15.00	3.287	27.17	40.1
APCY5165DH	5.00	556.9	158.9	15.00	3.504	26.64	39.0	545.9	169.5	15.00	3.220	26.11	37.9	534.3	180.4	15.00	2.961	25.56	36.8
	6.00	572.9	160.1	15.00	3.578	27.40	40.6	561.6	170.8	15.00	3.288	26.86	39.5	549.8	181.8	15.00	3.023	26.29	38.3
	7.00	589.6	161.3	15.00	3.654	28.20	42.4	578.1	172.1	15.00	3.358	27.65	41.1	566.4	183.2	15.00	3.091	27.09	40.0
	8.00	613.7	163.1	15.00	3.762	29.35	44.9	602.4	174.0	15.00	3.461	28.81	43.7	590.6	185.3	15.00	3.187	28.25	42.5
	9.00	623.4	163.8	15.00	3.805	29.82	45.9	611.6	174.7	15.00	3.500	29.25	44.7	599.3	186.0	15.00	3.222	28.67	43.4

Table 17

Notes:

1. Capacity ratings are based on following condition. Evaporator Water Temperature Change: 5ºC Evaporator Fouling Factor:0.0176m² K/kW.
2. Total power mentioned in this page should not be used for cable or fuse selection. Unit maximum running current given in the data pages (44 to 48) should be referred for the same.

CAPACITY RATINGS - 50.Hz (SI)

Model	LWT	Condenser Entering Air Dry Bulb °C																	
		45.0						48.0						51.7					
		Capacity	Total Power	Fan Power	COP	WFR	WPD	Capacity	Total Power	Fan Power	COP	WFR	WPD	Capacity	Total Power	Fan Power	COP	WFR	WPD
	°C	kW	kW	kW	W/W	L/s	kPa	kW	kW	kW	W/W	L/s	kPa	kW	kW	kW	W/W	L/s	kPa
APCY5080DH	5.00	240.8	100.8	9.000	2.388	11.52	26.8	231.5	106.3	9.000	2.177	11.07	24.9	219.1	113.3	9.000	1.934	10.48	22.4
	6.00	249.8	101.7	9.000	2.454	11.95	28.7	240.2	107.2	9.000	2.241	11.49	26.7	227.5	114.1	9.000	1.994	10.88	24.1
	7.00	258.9	102.6	9.000	2.522	12.38	30.8	248.9	108.0	9.000	2.304	11.90	28.6	235.7	114.8	9.000	2.053	11.27	25.7
	8.00	267.4	103.4	9.000	2.585	12.79	32.7	257.0	108.8	9.000	2.363	12.29	30.4	243.3	115.5	9.000	2.106	11.64	27.4
	9.00	276.1	104.2	9.000	2.649	13.21	34.8	265.4	109.5	9.000	2.423	12.69	32.3	251.3	116.2	9.000	2.162	12.02	29.1
APCY5085DH	5.00	255.4	108.9	9.000	2.345	12.21	30.0	246.0	115.3	9.000	2.133	11.76	27.9	233.5	123.5	9.000	1.891	11.17	25.3
	6.00	264.7	109.9	9.000	2.408	12.66	32.1	255.1	116.3	9.000	2.193	12.20	29.9	242.3	124.5	9.000	1.946	11.59	27.1
	7.00	274.6	111.0	9.000	2.474	13.13	34.4	264.5	117.3	9.000	2.254	12.65	32.1	251.2	125.4	9.000	2.002	12.01	29.1
	8.00	283.8	111.9	9.000	2.535	13.57	36.7	273.3	118.2	9.000	2.310	13.07	34.1	259.4	126.3	9.000	2.053	12.41	30.9
	9.00	293.1	112.9	9.000	2.596	14.02	39.0	282.2	119.2	9.000	2.367	13.50	36.3	267.9	127.3	9.000	2.105	12.81	32.9
APCY5090DH	5.00	269.5	117.3	9.000	2.296	12.89	33.2	260.0	124.7	9.000	2.085	12.44	31.0	247.5	134.2	9.000	1.844	11.84	28.2
	6.00	279.1	118.5	9.000	2.355	13.35	35.5	269.4	125.9	9.000	2.140	12.89	33.2	256.6	135.4	9.000	1.895	12.27	30.3
	7.00	289.7	119.7	9.000	2.419	13.85	38.2	279.6	127.1	9.000	2.199	13.37	35.7	266.2	136.7	9.000	1.947	12.73	32.5
	8.00	299.6	120.9	9.000	2.478	14.33	40.8	289.0	128.3	9.000	2.252	13.82	38.0	275.0	137.8	9.000	1.995	13.15	34.6
	9.00	309.5	122.0	9.000	2.535	14.80	43.4	298.5	129.4	9.000	2.305	14.28	40.5	284.0	139.0	9.000	2.043	13.58	36.8
APCY5095DH	5.00	282.5	126.9	9.000	2.226	13.51	36.4	273.1	134.8	9.000	2.025	13.06	34.1	260.8	145.2	9.000	1.796	12.47	31.2
	6.00	292.3	128.2	9.000	2.280	13.98	38.9	282.8	136.2	9.000	2.076	13.53	36.5	270.3	146.6	9.000	1.843	12.93	33.4
	7.00	303.7	129.7	9.000	2.341	14.52	41.8	293.7	137.7	9.000	2.133	14.05	39.2	280.6	148.1	9.000	1.894	13.42	35.9
	8.00	314.5	131.1	9.000	2.399	15.04	44.8	304.0	139.1	9.000	2.185	14.54	41.9	290.2	149.5	9.000	1.940	13.88	38.3
	9.00	325.0	132.4	9.000	2.454	15.54	47.7	314.1	140.5	9.000	2.235	15.02	44.7	299.8	150.9	9.000	1.986	14.34	40.8
APCY5105DH	5.00	318.4	131.6	12.00	2.418	15.23	33.4	308.2	139.7	12.00	2.205	14.74	31.4	295.0	150.3	12.00	1.962	14.11	28.9
	6.00	329.4	132.8	12.00	2.480	15.76	35.6	318.9	140.9	12.00	2.262	15.25	33.5	305.3	151.6	12.00	2.014	14.60	30.8
	7.00	340.3	133.9	12.00	2.540	16.28	37.8	329.4	142.1	12.00	2.318	15.76	35.6	315.5	152.8	12.00	2.064	15.09	32.8
	8.00	352.2	135.2	12.00	2.605	16.84	40.4	341.1	143.4	12.00	2.378	16.31	38.0	326.7	154.1	12.00	2.119	15.63	35.0
	9.00	362.2	136.2	12.00	2.659	17.32	42.6	350.7	144.4	12.00	2.427	16.77	40.0	335.8	155.2	12.00	2.164	16.06	36.9
APCY5115DH	5.00	343.9	143.4	12.00	2.398	16.45	38.6	331.6	151.5	12.00	2.188	15.86	36.0	315.7	162.1	12.00	1.947	15.10	32.8
	6.00	355.8	144.6	12.00	2.459	17.02	41.2	343.1	152.8	12.00	2.245	16.41	38.4	326.8	163.4	12.00	1.999	15.63	35.0
	7.00	367.4	145.9	12.00	2.518	17.57	43.8	354.4	154.1	12.00	2.299	16.95	40.9	337.7	164.8	12.00	2.049	16.15	37.3
	8.00	380.0	147.3	12.00	2.580	18.18	46.7	366.7	155.6	12.00	2.357	17.54	43.6	349.6	166.3	12.00	2.102	16.72	39.8
	9.00	391.1	148.5	12.00	2.633	18.70	49.3	377.3	156.8	12.00	2.406	18.05	46.0	359.7	167.6	12.00	2.146	17.20	42.0
APCY5125DH	5.00	379.6	156.4	12.00	2.427	18.16	31.7	365.1	164.6	12.00	2.218	17.46	29.5	346.3	175.1	12.00	1.978	16.56	26.9
	6.00	395.0	158.1	12.00	2.498	18.89	34.1	380.0	166.3	12.00	2.284	18.17	31.7	360.6	176.9	12.00	2.038	17.25	28.9
	7.00	409.2	159.7	12.00	2.562	19.57	36.5	393.5	168.0	12.00	2.342	18.82	33.9	373.3	178.5	12.00	2.090	17.85	30.7
	8.00	421.4	161.2	12.00	2.614	20.16	38.5	405.3	169.5	12.00	2.391	19.38	35.8	384.5	180.1	12.00	2.134	18.39	32.4
	9.00	441.8	163.7	12.00	2.699	21.13	42.2	425.7	172.2	12.00	2.471	20.36	39.3	405.0	183.2	12.00	2.211	19.37	35.8
APCY5130DH	5.00	392.6	166.7	12.00	2.354	18.78	33.7	377.1	175.6	12.00	2.147	18.03	31.3	356.9	187.0	12.00	1.909	17.07	28.4
	6.00	408.3	168.6	12.00	2.421	19.53	36.3	392.4	177.5	12.00	2.210	18.77	33.7	371.7	188.9	12.00	1.968	17.78	30.5
	7.00	423.4	170.5	12.00	2.483	20.25	38.9	406.8	179.4	12.00	2.267	19.45	36.0	385.1	190.7	12.00	2.019	18.42	32.5
	8.00	436.2	172.1	12.00	2.534	20.86	41.2	419.1	181.0	12.00	2.315	20.04	38.1	396.8	192.3	12.00	2.063	18.98	34.4
	9.00	456.7	174.8	12.00	2.613	21.84	45.0	439.7	183.8	12.00	2.391	21.03	41.8	417.7	195.4	12.00	2.137	19.98	37.9
APCY5140DH	5.00	419.8	171.6	15.00	2.446	20.08	38.3	403.8	181.0	15.00	2.231	19.31	35.6	382.9	193.1	15.00	1.982	18.31	32.2
	6.00	436.5	173.4	15.00	2.517	20.88	41.2	420.4	182.8	15.00	2.299	20.10	38.4	399.0	194.9	15.00	2.047	19.08	34.8
	7.00	453.8	175.2	15.00	2.589	21.71	44.5	436.8	184.6	15.00	2.365	20.89	41.3	414.3	196.6	15.00	2.107	19.82	37.3
	8.00	468.2	176.8	15.00	2.648	22.39	47.3	450.6	186.2	15.00	2.420	21.55	43.8	427.5	198.1	15.00	2.157	20.44	39.6
	9.00	489.2	179.0	15.00	2.731	23.40	51.5	471.9	188.6	15.00	2.502	22.57	48.0	449.1	200.7	15.00	2.237	21.48	43.6
APCY5155DH	5.00	480.1	193.8	15.00	2.477	22.96	31.6	467.8	205.4	15.00	2.277	22.38	30.4	451.9	220.3	15.00	2.051	21.61	29.0
	6.00	494.0	195.1	15.00	2.531	23.63	32.9	481.6	206.8	15.00	2.328	23.03	31.7	465.4	221.8	15.00	2.098	22.26	30.2
	7.00	510.2	196.6	15.00	2.594	24.40	34.4	497.8	208.5	15.00	2.387	23.81	33.2	481.7	223.7	15.00	2.153	23.04	31.7
	8.00	534.3	198.9	15.00	2.686	25.55	36.8	522.1	211.0	15.00	2.474	24.97	35.6	506.3	226.5	15.00	2.235	24.21	34.1
	9.00	540.4	199.5	15.00	2.708	25.85	37.4	527.7	211.6	15.00	2.494	25.24	36.1	511.3	227.0	15.00	2.251	24.45	34.5
APCY5165DH	5.00	505.3	207.4	15.00	2.437	24.17	34.0	492.0	219.5	15.00	2.242	23.53	32.7	474.8	234.9	15.00	2.021	22.71	31.1
	6.00	520.2	208.9	15.00	2.490	24.88	35.4	506.6	221.0	15.00	2.292	24.23	34.1	489.1	236.6	15.00	2.067	23.40	32.4
	7.00	536.8	210.5	15.00	2.550	25.68	37.0	523.3	222.8	15.00	2.348	25.03	35.7	505.9	238.5	15.00	2.121	24.20	34.0
	8.00	561.4	213.0	15.00	2.636	26.85	39.5	548.1	225.4	15.00	2.431	26.21	38.1	530.9	241.4	15.00	2.199	25.39	36.4
	9.00	568.8	213.7	15.00	2.661	27.21	40.2	555.0	226.2	15.00	2.453	26.54	38.8	537.1	242.1	15.00	2.218	25.69	37.0

Table 18

Notes:

1. Capacity ratings are based on following condition. Evaporator Water Temperature Change: 5ºC Evaporator Fouling Factor:0.0176m² K/kW.
2. Total power mentioned in this page should not be used for cable or fuse selection. Unit maximum running current given in the data pages (44 to 48) should be referred for the same.

CAPACITY RATINGS - 50.Hz (SI)

Model	LWT	Condenser Entering Air Dry Bulb °C																	
		32.0						35.0						38.0					
		Capacity	Total Power	Fan Power	COP	WFR	WPD	Capacity	Total Power	Fan Power	COP	WFR	WPD	Capacity	Total Power	Fan Power	COP	WFR	WPD
	°C	kW	kW	kW	W/W	L/s	kPa	kW	kW	kW	W/W	L/s	kPa	kW	kW	kW	W/W	L/s	kPa
APCY5175DH	5.00	586.3	170.6	15.00	3.436	28.04	42.0	574.1	181.7	15.00	3.159	27.46	40.7	561.3	193.1	15.00	2.907	26.85	39.5
	6.00	603.3	172.0	15.00	3.506	28.85	43.8	590.8	183.1	15.00	3.225	28.26	42.5	577.8	194.6	15.00	2.968	27.63	41.1
	7.00	620.6	173.4	15.00	3.577	29.68	45.6	608.0	184.6	15.00	3.292	29.08	44.3	594.9	196.2	15.00	3.031	28.45	42.9
	8.00	644.9	175.4	15.00	3.677	30.84	48.3	632.4	186.7	15.00	3.386	30.25	46.9	619.4	198.5	15.00	3.120	29.63	45.5
	9.00	656.2	176.2	15.00	3.722	31.38	49.6	643.1	187.6	15.00	3.426	30.76	48.1	629.6	199.4	15.00	3.157	30.11	46.6
APCY5185DH	5.00	618.5	185.2	15.00	3.338	29.58	45.4	605.5	197.3	15.00	3.069	28.96	44.0	592.0	209.8	15.00	2.821	28.32	42.6
	6.00	636.8	186.9	15.00	3.406	30.46	47.4	623.5	199.1	15.00	3.132	29.82	46.0	609.7	211.7	15.00	2.880	29.16	44.5
	7.00	654.7	188.5	15.00	3.472	31.31	49.4	641.3	200.8	15.00	3.193	30.68	47.9	627.4	213.5	15.00	2.938	30.01	46.4
	8.00	679.4	190.7	15.00	3.561	32.50	52.2	666.1	203.1	15.00	3.279	31.86	50.7	652.3	216.0	15.00	3.020	31.20	49.1
	9.00	692.6	191.9	15.00	3.609	33.13	53.8	678.7	204.3	15.00	3.321	32.46	52.1	664.3	217.2	15.00	3.058	31.77	50.5
APCY5195DH	5.00	661.6	191.9	18.00	3.447	31.64	50.2	648.5	204.5	18.00	3.171	31.02	48.7	634.8	217.7	18.00	2.915	30.36	47.2
	6.00	681.9	193.5	18.00	3.524	32.62	52.5	668.5	206.2	18.00	3.241	31.97	51.0	654.3	219.5	18.00	2.981	31.30	49.4
	7.00	700.8	194.9	18.00	3.595	33.52	54.7	687.3	207.8	18.00	3.307	32.88	53.1	673.1	221.1	18.00	3.043	32.19	51.5
	8.00	726.2	196.8	18.00	3.689	34.74	57.8	712.8	209.8	18.00	3.397	34.09	56.2	698.7	223.3	18.00	3.128	33.42	54.5
	9.00	742.2	198.0	18.00	3.748	35.50	59.8	728.1	211.0	18.00	3.450	34.83	58.1	713.3	224.6	18.00	3.176	34.12	56.2
APCY5210DH	5.00	703.0	208.5	18.00	3.371	33.63	55.0	689.9	222.2	18.00	3.104	33.00	53.4	675.9	236.5	18.00	2.858	32.33	51.8
	6.00	725.4	210.4	18.00	3.447	34.69	57.7	711.8	224.2	18.00	3.174	34.04	56.1	697.4	238.5	18.00	2.923	33.36	54.3
	7.00	745.3	212.1	18.00	3.514	35.65	60.2	731.5	226.0	18.00	3.236	34.99	58.4	717.1	240.4	18.00	2.982	34.30	56.7
	8.00	771.2	214.2	18.00	3.600	36.89	63.5	757.6	228.3	18.00	3.318	36.23	61.8	743.3	242.9	18.00	3.060	35.55	60.0
	9.00	789.9	215.7	18.00	3.661	37.78	66.0	775.6	229.9	18.00	3.374	37.10	64.1	760.6	244.5	18.00	3.110	36.38	62.2
APCY5230DH	5.00	768.2	228.0	18.00	3.369	36.75	34.6	754.2	242.8	18.00	3.105	36.07	33.4	739.4	258.1	18.00	2.864	35.36	32.2
	6.00	793.0	230.2	18.00	3.444	37.93	36.7	778.7	245.2	18.00	3.175	37.25	35.5	763.7	260.6	18.00	2.930	36.53	34.2
	7.00	818.0	232.5	18.00	3.518	39.13	38.9	803.5	247.6	18.00	3.245	38.44	37.6	788.3	263.1	18.00	2.996	37.70	36.3
	8.00	843.2	234.7	18.00	3.592	40.33	41.1	828.4	249.9	18.00	3.314	39.62	39.8	812.9	265.6	18.00	3.060	38.88	38.4
	9.00	869.4	237.0	18.00	3.668	41.58	43.6	854.4	252.4	18.00	3.385	40.87	42.2	838.7	268.2	18.00	3.126	40.12	40.7
APCY5250DH	5.00	817.1	236.9	21.00	3.448	39.08	38.8	802.8	252.9	21.00	3.174	38.40	37.5	787.6	269.3	21.00	2.924	37.67	36.2
	6.00	843.6	239.1	21.00	3.527	40.35	41.2	829.0	255.2	21.00	3.247	39.65	39.9	813.6	271.8	21.00	2.993	38.91	38.5
	7.00	870.5	241.3	21.00	3.606	41.63	43.7	855.6	257.5	21.00	3.322	40.93	42.3	840.0	274.2	21.00	3.062	40.18	40.9
	8.00	897.5	243.5	21.00	3.685	42.93	46.2	882.4	259.8	21.00	3.395	42.20	44.8	866.5	276.7	21.00	3.131	41.44	43.3
	9.00	925.5	245.7	21.00	3.766	44.27	48.9	910.2	262.2	21.00	3.471	43.53	47.4	894.0	279.2	21.00	3.202	42.76	45.9
APCY5265DH	5.00	854.9	254.6	21.00	3.357	40.89	42.2	839.5	272.0	21.00	3.086	40.16	40.8	823.3	290.0	21.00	2.839	39.38	39.4
	6.00	882.5	257.2	21.00	3.431	42.21	44.8	866.9	274.7	21.00	3.155	41.47	43.3	850.5	292.8	21.00	2.904	40.68	41.8
	7.00	910.7	259.7	21.00	3.505	43.56	47.5	894.9	277.4	21.00	3.225	42.81	45.9	878.2	295.7	21.00	2.969	42.00	44.4
	8.00	939.0	262.3	21.00	3.579	44.91	50.3	922.9	280.1	21.00	3.294	44.14	48.7	905.9	298.5	21.00	3.034	43.33	47.0
	9.00	968.3	264.9	21.00	3.655	46.31	53.2	952.0	282.9	21.00	3.364	45.53	51.6	934.8	301.5	21.00	3.100	44.71	49.9
APCY5285DH	5.00	943.4	269.8	24.00	3.495	45.12	23.3	926.1	287.9	24.00	3.217	44.30	22.5	907.7	306.6	24.00	2.960	43.41	21.7
	6.00	974.7	272.4	24.00	3.578	46.62	24.7	957.1	290.6	24.00	3.294	45.78	23.9	938.4	309.5	24.00	3.031	44.88	23.1
	7.00	1005	274.8	24.00	3.658	48.08	26.0	987.2	293.1	24.00	3.367	47.22	25.2	967.8	312.2	24.00	3.100	46.29	24.4
	8.00	1032	276.9	24.00	3.728	49.38	27.2	1013	295.3	24.00	3.432	48.49	26.4	993.8	314.5	24.00	3.159	47.54	25.5
	9.00	1056	278.7	24.00	3.789	50.52	28.3	1037	297.3	24.00	3.488	49.60	27.5	1016	316.6	24.00	3.211	48.63	26.5
APCY5300DH	5.00	1001	291.8	24.00	3.431	47.90	25.9	982.0	310.9	24.00	3.158	46.97	25.0	961.1	330.9	24.00	2.904	45.97	24.1
	6.00	1034	294.7	24.00	3.510	49.47	27.3	1014	313.9	24.00	3.231	48.53	26.5	993.3	334.1	24.00	2.973	47.51	25.5
	7.00	1067	297.4	24.00	3.588	51.05	28.8	1046	316.8	24.00	3.304	50.08	27.8	1024	337.2	24.00	3.039	49.02	26.9
	8.00	1096	299.8	24.00	3.658	52.47	30.2	1075	319.4	24.00	3.367	51.45	29.2	1053	339.9	24.00	3.098	50.37	28.2
	9.00	1123	302.0	24.00	3.718	53.72	31.4	1101	321.7	24.00	3.423	52.67	30.4	1077	342.3	24.00	3.148	51.56	29.3
APCY5325DH	5.00	1056	305.3	27.00	3.460	50.53	28.3	1037	325.0	27.00	3.190	49.61	27.5	1017	345.7	27.00	2.943	48.66	26.6
	6.00	1091	308.0	27.00	3.542	52.19	29.9	1071	327.9	27.00	3.268	51.26	29.0	1051	348.7	27.00	3.015	50.31	28.1
	7.00	1126	310.7	27.00	3.626	53.90	31.6	1107	330.8	27.00	3.346	52.95	30.6	1086	351.8	27.00	3.088	51.97	29.7
	8.00	1159	313.1	27.00	3.702	55.46	33.1	1139	333.4	27.00	3.416	54.48	32.1	1118	354.5	27.00	3.153	53.47	31.1
	9.00	1188	315.3	27.00	3.769	56.84	34.5	1167	335.6	27.00	3.478	55.84	33.5	1145	357.0	27.00	3.209	54.81	32.5

Table 19

Notes:

1. Capacity ratings are based on following condition. Evaporator Water Temperature Change: 5ºC Evaporator Fouling Factor:0.0176m² K/kW.
2. Total power mentioned in this page should not be used for cable or fuse selection. Unit maximum running current given in the data pages (44 to 48) should be referred for the same.

CAPACITY RATINGS - 50.Hz (SI)

Model	LWT	Condenser Entering Air Dry Bulb °C																	
		45.0						48.0						51.7					
		Capacity	Total Power	Fan Power	COP	WFR	WPD	Capacity	Total Power	Fan Power	COP	WFR	WPD	Capacity	Total Power	Fan Power	COP	WFR	WPD
	°C	kW	kW	kW	W/W	L/s	kPa	kW	kW	kW	W/W	L/s	kPa	kW	kW	kW	W/W	L/s	kPa
APCY5175DH	5.00	529.8	221.1	15.00	2.396	25.34	36.3	515.4	233.7	15.00	2.205	24.65	34.9	496.9	249.8	15.00	1.989	23.77	33.2
	6.00	545.5	222.8	15.00	2.448	26.09	37.9	530.9	235.4	15.00	2.255	25.39	36.4	512.1	251.6	15.00	2.035	24.49	34.6
	7.00	562.7	224.6	15.00	2.505	26.91	39.6	548.1	237.3	15.00	2.309	26.21	38.1	529.3	253.6	15.00	2.087	25.32	36.3
	8.00	587.5	227.2	15.00	2.586	28.10	42.1	573.2	240.0	15.00	2.387	27.41	40.7	554.8	256.5	15.00	2.162	26.53	38.8
	9.00	596.3	228.1	15.00	2.614	28.52	43.1	581.4	240.9	15.00	2.412	27.81	41.5	562.2	257.4	15.00	2.184	26.89	39.5
APCY5185DH	5.00	558.1	240.8	15.00	2.317	26.69	39.1	542.5	254.8	15.00	2.129	25.95	37.6	522.4	272.8	15.00	1.915	24.98	35.6
	6.00	575.0	242.7	15.00	2.368	27.50	40.8	559.1	256.8	15.00	2.177	26.74	39.2	538.6	274.8	15.00	1.959	25.76	37.2
	7.00	592.7	244.8	15.00	2.421	28.35	42.7	576.9	258.9	15.00	2.227	27.59	41.0	556.4	277.1	15.00	2.008	26.61	39.0
	8.00	618.0	247.7	15.00	2.495	29.56	45.4	602.4	262.0	15.00	2.299	28.81	43.7	582.4	280.4	15.00	2.077	27.85	41.6
	9.00	628.5	248.9	15.00	2.525	30.06	46.5	612.2	263.2	15.00	2.326	29.28	44.7	591.3	281.5	15.00	2.100	28.28	42.5
APCY5195DH	5.00	599.8	250.7	18.00	2.392	28.69	43.4	583.6	265.7	18.00	2.196	27.91	41.7	562.5	285.2	18.00	1.972	26.90	39.6
	6.00	618.5	252.6	18.00	2.448	29.58	45.4	601.9	267.7	18.00	2.248	28.79	43.6	580.4	287.2	18.00	2.021	27.76	41.4
	7.00	637.2	254.5	18.00	2.503	30.48	47.4	620.6	269.7	18.00	2.301	29.68	45.6	599.2	289.3	18.00	2.071	28.66	43.4
	8.00	663.2	257.0	18.00	2.580	31.72	50.4	646.9	272.4	18.00	2.375	30.94	48.5	625.8	292.2	18.00	2.142	29.93	46.2
	9.00	676.2	258.3	18.00	2.617	32.34	51.9	659.2	273.7	18.00	2.409	31.53	49.9	637.2	293.4	18.00	2.171	30.47	47.4
APCY5210DH	5.00	640.3	271.5	18.00	2.358	30.63	47.8	623.8	287.3	18.00	2.171	29.84	46.0	602.2	307.5	18.00	1.958	28.80	43.7
	6.00	660.9	273.7	18.00	2.414	31.61	50.1	644.0	289.6	18.00	2.223	30.80	48.2	622.0	309.9	18.00	2.007	29.75	45.8
	7.00	680.5	275.9	18.00	2.466	32.55	52.4	663.7	291.9	18.00	2.274	31.74	50.4	641.7	312.3	18.00	2.054	30.69	47.9
	8.00	707.2	278.8	18.00	2.536	33.82	55.5	690.6	295.0	18.00	2.341	33.03	53.5	669.0	315.7	18.00	2.119	32.00	51.0
	9.00	722.6	280.4	18.00	2.576	34.56	57.4	705.6	296.7	18.00	2.378	33.75	55.3	683.1	317.4	18.00	2.152	32.67	52.6
APCY5230DH	5.00	701.6	295.1	18.00	2.377	33.56	29.1	684.1	311.7	18.00	2.195	32.72	27.7	661.3	332.7	18.00	1.988	31.63	26.0
	6.00	725.5	298.0	18.00	2.435	34.70	31.0	707.8	314.6	18.00	2.250	33.86	29.6	684.9	335.8	18.00	2.039	32.76	27.8
	7.00	749.7	300.8	18.00	2.492	35.86	33.0	731.9	317.6	18.00	2.304	35.01	31.6	708.7	339.1	18.00	2.090	33.90	29.7
	8.00	773.9	303.7	18.00	2.548	37.01	35.1	755.9	320.7	18.00	2.356	36.15	33.5	732.6	342.4	18.00	2.139	35.04	31.6
	9.00	799.3	306.8	18.00	2.605	38.23	37.2	781.1	324.1	18.00	2.410	37.36	35.7	757.6	346.0	18.00	2.189	36.24	33.7
APCY5250DH	5.00	748.7	309.5	21.00	2.418	35.81	32.9	730.6	327.5	21.00	2.230	34.94	31.5	707.0	350.5	21.00	2.017	33.81	29.6
	6.00	774.2	312.3	21.00	2.479	37.03	35.1	756.0	330.4	21.00	2.288	36.16	33.6	732.2	353.6	21.00	2.071	35.02	31.6
	7.00	800.2	315.1	21.00	2.539	38.27	37.3	781.7	333.4	21.00	2.345	37.39	35.7	757.7	356.7	21.00	2.124	36.24	33.7
	8.00	826.1	317.8	21.00	2.599	39.51	39.6	807.5	336.3	21.00	2.401	38.62	38.0	783.3	359.8	21.00	2.177	37.47	35.9
	9.00	853.3	320.8	21.00	2.660	40.81	42.1	834.5	339.4	21.00	2.458	39.91	40.4	810.1	363.2	21.00	2.230	38.75	38.2
APCY5265DH	5.00	781.9	334.1	21.00	2.340	37.40	35.7	762.7	353.9	21.00	2.155	36.48	34.1	737.5	379.2	21.00	1.945	35.28	32.0
	6.00	808.6	337.2	21.00	2.397	38.68	38.1	789.2	357.2	21.00	2.209	37.75	36.4	763.9	382.7	21.00	1.996	36.54	34.2
	7.00	835.7	340.4	21.00	2.455	39.97	40.5	816.1	360.5	21.00	2.263	39.03	38.7	790.5	386.2	21.00	2.047	37.81	36.5
	8.00	863.0	343.6	21.00	2.511	41.28	43.0	843.1	363.8	21.00	2.317	40.33	41.1	817.3	389.7	21.00	2.097	39.09	38.8
	9.00	891.3	346.9	21.00	2.569	42.63	45.6	871.3	367.3	21.00	2.372	41.67	43.7	845.2	393.4	21.00	2.148	40.43	41.3
APCY5285DH	5.00	859.9	353.3	24.00	2.434	41.13	19.5	837.5	374.5	24.00	2.236	40.06	18.5	807.9	401.8	24.00	2.011	38.64	17.1
	6.00	889.8	356.5	24.00	2.496	42.56	20.9	867.0	377.9	24.00	2.294	41.47	19.8	837.1	405.4	24.00	2.065	40.04	18.4
	7.00	918.0	359.6	24.00	2.553	43.91	22.1	894.7	381.1	24.00	2.347	42.79	21.1	864.0	408.8	24.00	2.113	41.32	19.7
	8.00	942.7	362.2	24.00	2.602	45.09	23.2	918.7	383.9	24.00	2.393	43.94	22.2	887.3	411.7	24.00	2.155	42.44	20.8
	9.00	964.4	364.6	24.00	2.645	46.13	24.2	939.9	386.3	24.00	2.433	44.96	23.1	907.9	414.3	24.00	2.191	43.42	21.7
APCY5300DH	5.00	906.6	380.9	24.00	2.380	43.36	21.6	880.9	403.9	24.00	2.181	42.13	20.5	846.9	433.6	24.00	1.953	40.51	18.9
	6.00	937.8	384.6	24.00	2.438	44.86	23.0	911.6	407.8	24.00	2.235	43.60	21.9	877.0	437.8	24.00	2.003	41.95	20.3
	7.00	967.8	388.2	24.00	2.493	46.29	24.4	940.8	411.6	24.00	2.286	45.00	23.2	905.3	441.8	24.00	2.049	43.30	21.6
	8.00	994.2	391.3	24.00	2.540	47.55	25.5	966.4	414.8	24.00	2.329	46.23	24.3	929.9	445.3	24.00	2.088	44.48	22.7
	9.00	1017	394.1	24.00	2.582	48.67	26.6	989.0	417.8	24.00	2.367	47.31	25.3	951.6	448.4	24.00	2.122	45.51	23.6
APCY5325DH	5.00	969.0	397.3	27.00	2.439	46.35	24.4	947.3	420.9	27.00	2.250	45.31	23.5	919.7	451.6	27.00	2.036	43.99	22.2
	6.00	1003	400.9	27.00	2.502	47.98	25.9	981.2	424.8	27.00	2.310	46.93	25.0	953.4	455.7	27.00	2.092	45.60	23.7
	7.00	1036	404.4	27.00	2.563	49.59	27.4	1014	428.5	27.00	2.367	48.52	26.4	986.1	459.8	27.00	2.144	47.17	25.2
	8.00	1066	407.6	27.00	2.617	51.03	28.8	1044	431.9	27.00	2.417	49.94	27.8	1015	463.4	27.00	2.190	48.55	26.5
	9.00	1093	410.4	27.00	2.664	52.31	30.0	1070	434.9	27.00	2.461	51.19	29.0	1040	466.7	27.00	2.230	49.78	27.6

Table 20

Notes:

1. Capacity ratings are based on following condition. Evaporator Water Temperature Change: 5ºC Evaporator Fouling Factor:0.0176m^2 K/kW.
2. Total power mentioned in this page should not be used for cable or fuse selection. Unit maximum running current given in the data pages (44 to 48) should be referred for the same.

CAPACITY RATINGS - 50.Hz (SI)

Model	LWT	Condenser Entering Air Dry Bulb °C																	
		32.0						35.0						38.0					
		Capacity	Total Power	Fan Power	COP	WFR	WPD	Capacity	Total Power	Fan Power	COP	WFR	WPD	Capacity	Total Power	Fan Power	COP	WFR	WPD
	°C	kW	kW	kW	W/W	L/s	kPa	kW	kW	kW	W/W	L/s	kPa	kW	kW	kW	W/W	L/s	kPa
APCY5345DH	5.00	1099	326.8	27.00	3.365	52.61	30.3	1080	347.7	27.00	3.106	51.67	29.4	1061	369.5	27.00	2.872	50.76	28.5
	6.00	1135	329.8	27.00	3.442	54.32	32.0	1116	350.9	27.00	3.180	53.39	31.1	1097	372.9	27.00	2.942	52.48	30.2
	7.00	1173	332.9	27.00	3.524	56.13	33.8	1153	354.2	27.00	3.257	55.19	32.8	1134	376.4	27.00	3.014	54.26	31.9
	8.00	1208	335.7	27.00	3.599	57.81	35.5	1188	357.2	27.00	3.326	56.84	34.5	1168	379.6	27.00	3.078	55.90	33.5
	9.00	1239	338.2	27.00	3.665	59.30	37.1	1219	359.8	27.00	3.388	58.31	36.0	1199	382.4	27.00	3.135	57.35	35.0
APCY5365TH	5.00	1194	350.1	30.00	3.410	57.11	31.1	1173	373.5	30.00	3.141	56.13	30.2	1151	397.7	30.00	2.896	55.09	29.3
	6.00	1230	353.2	30.00	3.482	58.83	32.7	1209	376.8	30.00	3.208	57.83	31.8	1186	401.1	30.00	2.959	56.76	30.8
	7.00	1267	356.4	30.00	3.557	60.63	34.4	1246	380.1	30.00	3.278	59.62	33.4	1223	404.6	30.00	3.024	58.53	32.4
	8.00	1306	359.6	30.00	3.634	62.51	36.2	1285	383.6	30.00	3.350	61.46	35.2	1261	408.2	30.00	3.091	60.36	34.2
	9.00	1338	362.2	30.00	3.695	64.01	37.7	1315	386.2	30.00	3.405	62.92	36.6	1291	411.0	30.00	3.142	61.78	35.5
APCY5380TH	5.00	1230	367.8	30.00	3.344	58.84	32.7	1208	392.7	30.00	3.078	57.82	31.8	1186	418.3	30.00	2.835	56.73	30.8
	6.00	1267	371.3	30.00	3.414	60.63	34.4	1245	396.3	30.00	3.143	59.58	33.4	1222	422.1	30.00	2.895	58.47	32.4
	7.00	1306	374.8	30.00	3.485	62.49	36.2	1284	400.1	30.00	3.209	61.43	35.1	1260	426.1	30.00	2.958	60.29	34.1
	8.00	1347	378.5	30.00	3.559	64.44	38.2	1324	403.9	30.00	3.278	63.35	37.1	1300	430.1	30.00	3.023	62.20	35.9
	9.00	1380	381.4	30.00	3.619	66.04	39.8	1356	407.0	30.00	3.333	64.90	38.6	1331	433.4	30.00	3.073	63.71	37.4
APCY5395TH	5.00	1275	376.4	33.00	3.388	61.01	34.8	1254	402.4	33.00	3.117	59.99	33.8	1231	429.2	33.00	2.868	58.89	32.8
	6.00	1314	379.9	33.00	3.461	62.89	36.6	1292	406.0	33.00	3.184	61.84	35.6	1269	433.0	33.00	2.931	60.72	34.5
	7.00	1355	383.4	33.00	3.535	64.84	38.6	1333	409.7	33.00	3.253	63.77	37.4	1309	436.9	33.00	2.996	62.62	36.4
	8.00	1398	387.1	33.00	3.613	66.90	40.7	1375	413.6	33.00	3.325	65.79	39.5	1351	441.0	33.00	3.064	64.63	38.4
	9.00	1434	390.1	33.00	3.678	68.63	42.6	1410	416.7	33.00	3.385	67.48	41.3	1385	444.2	33.00	3.118	66.27	40.0
APCY5410TH	5.00	1329	398.1	33.00	3.338	63.57	37.3	1305	425.0	33.00	3.072	62.46	36.2	1281	453.0	33.00	2.827	61.27	35.0
	6.00	1370	401.9	33.00	3.409	65.55	39.3	1346	429.0	33.00	3.138	64.41	38.1	1321	457.2	33.00	2.889	63.19	36.9
	7.00	1413	405.8	33.00	3.482	67.59	41.4	1388	433.1	33.00	3.206	66.42	40.2	1362	461.5	33.00	2.952	65.17	38.9
	8.00	1458	409.8	33.00	3.559	69.76	43.8	1433	437.3	33.00	3.277	68.56	42.5	1406	465.9	33.00	3.018	67.28	41.1
	9.00	1497	413.2	33.00	3.625	71.65	46.0	1471	440.9	33.00	3.337	70.39	44.5	1443	469.7	33.00	3.074	69.05	43.0
APCY5425TH	5.00	1390	411.1	36.00	3.381	66.50	40.3	1366	438.6	36.00	3.115	65.36	39.1	1340	467.3	36.00	2.868	64.12	37.8
	6.00	1434	414.9	36.00	3.457	68.62	42.6	1409	442.6	36.00	3.185	67.44	41.3	1383	471.4	36.00	2.933	66.16	39.9
	7.00	1479	418.6	36.00	3.534	70.78	45.0	1454	446.5	36.00	3.257	69.57	43.6	1427	475.6	36.00	3.000	68.25	42.2
	8.00	1528	422.5	36.00	3.617	73.10	47.7	1502	450.7	36.00	3.332	71.84	46.2	1473	480.0	36.00	3.070	70.49	44.7
	9.00	1572	426.0	36.00	3.690	75.20	50.4	1544	454.3	36.00	3.399	73.87	48.7	1514	483.8	36.00	3.130	72.45	47.0
APCY5455TH	5.00	1486	436.5	36.00	3.406	71.11	41.2	1458	465.0	36.00	3.136	69.76	39.8	1427	494.9	36.00	2.885	68.30	38.2
	6.00	1537	440.8	36.00	3.487	73.53	43.8	1508	469.6	36.00	3.211	72.15	42.3	1477	499.9	36.00	2.955	70.66	40.7
	7.00	1590	445.2	36.00	3.571	76.06	46.6	1560	474.4	36.00	3.289	74.63	45.0	1528	504.9	36.00	3.026	73.10	43.3
	8.00	1637	449.1	36.00	3.645	78.30	49.2	1606	478.5	36.00	3.356	76.83	47.5	1573	509.3	36.00	3.088	75.24	45.7
	9.00	1678	452.5	36.00	3.708	80.26	51.5	1646	482.1	36.00	3.415	78.75	49.7	1612	513.1	36.00	3.142	77.12	47.8
APCY5475TH	5.00	1541	445.3	36.00	3.462	73.75	44.0	1513	474.5	36.00	3.190	72.40	42.6	1484	505.0	36.00	2.939	71.00	41.1
	6.00	1593	449.5	36.00	3.545	76.24	46.8	1565	478.9	36.00	3.269	74.88	45.3	1536	509.7	36.00	3.013	73.47	43.7
	7.00	1649	453.8	36.00	3.634	78.90	49.9	1620	483.5	36.00	3.351	77.52	48.2	1590	514.6	36.00	3.090	76.06	46.6
	8.00	1699	457.6	36.00	3.714	81.30	52.7	1669	487.5	36.00	3.424	79.86	51.0	1638	518.9	36.00	3.157	78.37	49.2
	9.00	1743	460.8	36.00	3.782	83.39	55.2	1712	491.0	36.00	3.487	81.91	53.4	1680	522.6	36.00	3.215	80.38	51.6
APCY5495TH	5.00	1584	466.7	36.00	3.394	75.77	46.3	1555	497.0	36.00	3.130	74.41	44.8	1526	528.7	36.00	2.888	73.03	43.3
	6.00	1637	471.2	36.00	3.474	78.32	49.2	1608	501.8	36.00	3.206	76.95	47.6	1580	533.8	36.00	2.960	75.57	46.1
	7.00	1695	475.9	36.00	3.561	81.08	52.4	1666	506.8	36.00	3.287	79.69	50.7	1636	539.1	36.00	3.035	78.28	49.1
	8.00	1747	480.1	36.00	3.639	83.59	55.5	1717	511.3	36.00	3.359	82.16	53.7	1687	543.8	36.00	3.103	80.71	52.0
	9.00	1793	483.7	36.00	3.707	85.76	58.2	1762	515.1	36.00	3.421	84.31	56.4	1731	547.9	36.00	3.160	82.83	54.5
APCY5520TH	5.00	1660	491.5	36.00	3.377	79.40	49.8	1631	523.1	36.00	3.118	78.02	48.1	1602	556.1	36.00	2.882	76.65	46.6
	6.00	1711	496.0	36.00	3.451	81.88	52.7	1682	527.9	36.00	3.187	80.49	51.1	1654	561.1	36.00	2.948	79.12	49.4
	7.00	1767	500.7	36.00	3.530	84.55	56.0	1738	532.9	36.00	3.262	83.16	54.2	1709	566.5	36.00	3.018	81.79	52.6
	8.00	1826	505.6	36.00	3.612	87.35	59.6	1796	538.1	36.00	3.338	85.93	57.8	1767	572.1	36.00	3.089	84.55	56.0
	9.00	1863	508.7	36.00	3.664	89.15	61.9	1833	541.4	36.00	3.386	87.68	60.0	1803	575.5	36.00	3.133	86.25	58.2

Table 21

Notes:

1. Capacity ratings are based on following condition. Evaporator Water Temperature Change: 5ºC Evaporator Fouling Factor:0.0176m² K/kW.
2. Total power mentioned in this page should not be used for cable or fuse selection. Unit maximum running current given in the data pages (44 to 48) should be referred for the same.

CAPACITY RATINGS - 50.Hz (SI)

Model	LWT	Condenser Entering Air Dry Bulb °C																	
		45.0						48.0						51.7					
		Capacity	Total Power	Fan Power	COP	WFR	WPD	Capacity	Total Power	Fan Power	COP	WFR	WPD	Capacity	Total Power	Fan Power	COP	WFR	WPD
	°C	kW	kW	kW	W/W	L/s	kPa	kW	kW	kW	W/W	L/s	kPa	kW	kW	kW	W/W	L/s	kPa
APCY5345DH	5.00	1018	423.8	27.00	2.402	48.70	26.6	1000	448.6	27.00	2.229	47.84	25.8	978.7	480.8	27.00	2.036	46.81	24.9
	6.00	1054	427.8	27.00	2.464	50.43	28.2	1036	452.9	27.00	2.289	49.59	27.4	1015	485.4	27.00	2.092	48.57	26.5
	7.00	1091	431.9	27.00	2.526	52.19	29.9	1073	457.3	27.00	2.347	51.35	29.1	1052	490.1	27.00	2.147	50.33	28.1
	8.00	1124	435.6	27.00	2.582	53.79	31.5	1106	461.2	27.00	2.399	52.94	30.6	1085	494.4	27.00	2.195	51.91	29.6
	9.00	1154	438.9	27.00	2.630	55.21	32.9	1136	464.7	27.00	2.445	54.35	32.0	1114	498.3	27.00	2.237	53.32	31.0
APCY5365TH	5.00	1095	456.5	30.00	2.400	52.41	26.8	1069	482.8	30.00	2.215	51.16	25.7	1035	516.4	30.00	2.005	49.53	24.2
	6.00	1129	460.3	30.00	2.454	54.05	28.3	1103	486.8	30.00	2.267	52.78	27.2	1069	520.6	30.00	2.053	51.13	25.7
	7.00	1166	464.3	30.00	2.511	55.78	29.9	1139	491.0	30.00	2.320	54.50	28.7	1104	525.1	30.00	2.104	52.84	27.2
	8.00	1203	468.4	30.00	2.569	57.55	31.5	1176	495.3	30.00	2.374	56.26	30.3	1140	529.7	30.00	2.154	54.57	28.8
	9.00	1231	471.5	30.00	2.611	58.88	32.8	1203	498.5	30.00	2.413	57.55	31.5	1166	533.1	30.00	2.189	55.81	29.9
APCY5380TH	5.00	1127	481.1	30.00	2.344	53.95	28.2	1100	509.3	30.00	2.161	52.65	27.1	1065	545.2	30.00	1.953	50.95	25.5
	6.00	1163	485.3	30.00	2.397	55.64	29.8	1135	513.6	30.00	2.211	54.32	28.6	1099	549.8	30.00	2.000	52.61	27.0
	7.00	1200	489.7	30.00	2.451	57.43	31.4	1172	518.2	30.00	2.263	56.10	30.2	1136	554.6	30.00	2.049	54.36	28.6
	8.00	1239	494.2	30.00	2.507	59.27	33.1	1210	523.0	30.00	2.315	57.92	31.9	1174	559.6	30.00	2.098	56.16	30.2
	9.00	1268	497.7	30.00	2.549	60.68	34.5	1239	526.6	30.00	2.354	59.29	33.2	1201	563.4	30.00	2.133	57.47	31.5
APCY5395TH	5.00	1172	495.0	33.00	2.368	56.07	30.2	1144	524.7	33.00	2.182	54.76	29.0	1108	562.6	33.00	1.970	53.03	27.4
	6.00	1209	499.2	33.00	2.422	57.85	31.8	1181	529.0	33.00	2.233	56.51	30.6	1144	567.1	33.00	2.019	54.76	29.0
	7.00	1248	503.6	33.00	2.479	59.72	33.6	1220	533.5	33.00	2.287	58.36	32.3	1183	571.9	33.00	2.069	56.60	30.7
	8.00	1289	508.1	33.00	2.537	61.66	35.4	1260	538.2	33.00	2.341	60.28	34.1	1222	576.8	33.00	2.120	58.48	32.4
	9.00	1321	511.6	33.00	2.582	63.19	36.9	1291	541.8	33.00	2.383	61.77	35.5	1252	580.5	33.00	2.158	59.91	33.7
APCY5410TH	5.00	1216	522.3	33.00	2.329	58.19	32.1	1186	553.7	33.00	2.142	56.73	30.8	1145	594.0	33.00	1.929	54.81	29.0
	6.00	1255	526.9	33.00	2.382	60.03	33.9	1224	558.5	33.00	2.191	58.55	32.5	1183	599.1	33.00	1.975	56.60	30.7
	7.00	1295	531.7	33.00	2.436	61.96	35.7	1263	563.5	33.00	2.243	60.45	34.3	1222	604.3	33.00	2.023	58.47	32.4
	8.00	1337	536.6	33.00	2.492	63.98	37.7	1305	568.7	33.00	2.295	62.44	36.2	1263	609.8	33.00	2.071	60.42	34.2
	9.00	1372	540.7	33.00	2.537	65.63	39.4	1338	572.8	33.00	2.337	64.03	37.7	1294	614.1	33.00	2.108	61.93	35.7
APCY5425TH	5.00	1272	538.9	36.00	2.361	60.87	34.6	1240	571.6	36.00	2.169	59.31	33.2	1197	613.9	36.00	1.950	57.25	31.3
	6.00	1313	543.6	36.00	2.416	62.81	36.5	1280	576.5	36.00	2.220	61.22	35.0	1236	619.0	36.00	1.997	59.12	33.0
	7.00	1355	548.3	36.00	2.472	64.83	38.6	1321	581.4	36.00	2.273	63.21	36.9	1276	624.3	36.00	2.045	61.07	34.8
	8.00	1400	553.3	36.00	2.531	66.97	40.8	1365	586.7	36.00	2.327	65.31	39.0	1319	629.8	36.00	2.095	63.12	36.8
	9.00	1437	557.4	36.00	2.579	68.78	42.7	1401	591.0	36.00	2.371	67.04	40.9	1354	634.3	36.00	2.134	64.76	38.5
APCY5455TH	5.00	1348	570.0	36.00	2.365	64.48	34.4	1310	604.5	36.00	2.167	62.67	32.6	1260	649.1	36.00	1.942	60.28	30.3
	6.00	1396	575.7	36.00	2.425	66.79	36.7	1357	610.5	36.00	2.224	64.95	34.9	1307	655.6	36.00	1.994	62.52	32.5
	7.00	1444	581.5	36.00	2.484	69.10	39.1	1405	616.6	36.00	2.279	67.21	37.1	1353	662.1	36.00	2.044	64.72	34.6
	8.00	1486	586.5	36.00	2.535	71.12	41.2	1446	621.8	36.00	2.325	69.17	39.2	1392	667.6	36.00	2.086	66.61	36.5
	9.00	1524	590.9	36.00	2.579	72.89	43.1	1482	626.5	36.00	2.366	70.90	41.0	1427	672.6	36.00	2.122	68.28	38.2
APCY5475TH	5.00	1410	581.4	36.00	2.426	67.48	37.4	1377	616.5	36.00	2.234	65.87	35.8	1333	661.9	36.00	2.015	63.79	33.7
	6.00	1461	587.0	36.00	2.490	69.92	39.9	1427	622.4	36.00	2.294	68.30	38.2	1384	668.3	36.00	2.071	66.20	36.1
	7.00	1514	592.6	36.00	2.555	72.43	42.6	1479	628.3	36.00	2.354	70.77	40.8	1434	674.7	36.00	2.126	68.62	38.6
	8.00	1560	597.5	36.00	2.611	74.63	45.0	1524	633.6	36.00	2.406	72.93	43.1	1478	680.4	36.00	2.173	70.73	40.8
	9.00	1600	601.9	36.00	2.659	76.56	47.2	1564	638.3	36.00	2.451	74.83	45.2	1517	685.4	36.00	2.214	72.58	42.8
APCY5495TH	5.00	1458	607.8	36.00	2.399	69.75	39.7	1428	644.1	36.00	2.217	68.31	38.3	1390	691.0	36.00	2.012	66.50	36.4
	6.00	1511	613.8	36.00	2.462	72.29	42.4	1481	650.4	36.00	2.277	70.85	40.9	1443	697.8	36.00	2.068	69.04	39.0
	7.00	1566	619.9	36.00	2.527	74.94	45.3	1536	656.9	36.00	2.338	73.48	43.7	1497	704.9	36.00	2.125	71.65	41.8
	8.00	1615	625.4	36.00	2.584	77.29	48.0	1584	662.8	36.00	2.391	75.80	46.3	1545	711.2	36.00	2.173	73.94	44.2
	9.00	1659	630.2	36.00	2.632	79.36	50.4	1627	667.9	36.00	2.436	77.85	48.6	1588	716.8	36.00	2.215	75.96	46.5
APCY5520TH	5.00	1538	638.3	36.00	2.410	73.58	43.1	1511	675.9	36.00	2.237	72.31	41.7	1479	724.5	36.00	2.042	70.78	40.1
	6.00	1589	644.2	36.00	2.468	76.05	45.9	1563	682.2	36.00	2.292	74.79	44.5	1531	731.4	36.00	2.094	73.27	42.8
	7.00	1646	650.6	36.00	2.530	78.73	49.0	1619	689.0	36.00	2.351	77.48	47.5	1588	738.9	36.00	2.150	75.99	45.8
	8.00	1703	657.2	36.00	2.592	81.47	52.2	1677	696.1	36.00	2.409	80.22	50.7	1645	747	36	2	79	49
	9.00	1736	661.0	36.00	2.627	83.06	54.2	1709	700.2	36.00	2.441	81.77	52.6	-	-	-	-	-	-

Table 22

Notes:

1. Capacity ratings are based on following condition. Evaporator Water Temperature Change: 5ºC Evaporator Fouling Factor:0.0176m^2 K/kW.
2. Total power mentioned in this page should not be used for cable or fuse selection. Unit maximum running current given in the data pages (44 to 48) should be referred for the same.

CAPACITY RATINGS - 60.Hz (SI)

Model	LWT	Condenser Entering Air Dry Bulb °C																	
		32.0						35.0						38.0					
		Capacity	Total Power	Fan Power	COP	WFR	WPD	Capacity	Total Power	Fan Power	COP	WFR	WPD	Capacity	Total Power	Fan Power	COP	WFR	WPD
	°C	kW	kW	kW	W/W	L/s	kPa	kW	kW	kW	W/W	L/s	kPa	kW	kW	kW	W/W	L/s	kPa
APCY6095DH	5.00	313.6	96.47	12.00	3.251	15.00	44.5	305.6	102.1	12.00	2.992	14.61	42.3	296.9	108.0	12.00	2.748	14.20	40.0
	6.00	323.2	97.32	12.00	3.321	15.46	47.2	315.3	103.0	12.00	3.059	15.08	45.0	306.7	109.0	12.00	2.813	14.67	42.6
	7.00	336.2	98.47	12.00	3.414	16.08	51.0	327.9	104.2	12.00	3.145	15.69	48.5	318.8	110.2	12.00	2.892	15.25	46.0
	8.00	349.2	99.57	12.00	3.507	16.70	54.9	340.2	105.4	12.00	3.228	16.27	52.2	330.6	111.3	12.00	2.968	15.81	49.3
	9.00	361.5	100.6	12.00	3.593	17.29	58.8	352.0	106.4	12.00	3.307	16.83	55.8	341.8	112.4	12.00	3.040	16.35	52.7
APCY6100DH	5.00	346.2	104.1	12.00	3.324	16.56	39.1	336.6	110.4	12.00	3.047	16.10	37.0	326.4	117.0	12.00	2.788	15.61	34.9
	6.00	357.9	105.3	12.00	3.399	17.12	41.6	347.9	111.6	12.00	3.116	16.64	39.4	337.3	118.2	12.00	2.852	16.13	37.2
	7.00	369.2	106.3	12.00	3.471	17.66	44.2	358.9	112.7	12.00	3.183	17.17	41.8	348.0	119.4	12.00	2.914	16.64	39.5
	8.00	381.5	107.5	12.00	3.549	18.25	47.0	370.9	113.9	12.00	3.255	17.74	44.6	359.7	120.6	12.00	2.981	17.20	42.0
	9.00	392.3	108.5	12.00	3.616	18.76	49.6	381.3	114.9	12.00	3.316	18.24	47.0	369.6	121.6	12.00	3.038	17.68	44.3
APCY6110DH	5.00	364.6	110.9	12.00	3.287	17.44	43.1	354.7	117.9	12.00	3.007	16.96	40.9	344.2	125.3	12.00	2.745	16.46	38.6
	6.00	376.9	112.2	12.00	3.358	18.02	45.9	366.6	119.3	12.00	3.072	17.53	43.6	355.7	126.7	12.00	2.806	17.01	41.1
	7.00	388.8	113.4	12.00	3.426	18.59	48.8	378.2	120.6	12.00	3.135	18.09	46.2	367.0	128.1	12.00	2.864	17.55	43.7
	8.00	401.6	114.8	12.00	3.499	19.21	51.9	390.7	122.0	12.00	3.202	18.69	49.2	379.1	129.5	12.00	2.927	18.13	46.5
	9.00	413.2	115.9	12.00	3.563	19.76	54.8	401.8	123.2	12.00	3.261	19.22	51.9	389.8	130.7	12.00	2.981	18.64	49.0
APCY6115DH	5.00	389.9	117.4	14.00	3.321	18.65	49.0	379.7	124.6	14.00	3.045	18.16	46.6	369.0	132.3	14.00	2.787	17.65	44.1
	6.00	403.3	118.6	14.00	3.398	19.29	52.3	392.7	126.0	14.00	3.117	18.78	49.7	381.7	133.7	14.00	2.853	18.25	47.1
	7.00	416.2	119.8	14.00	3.473	19.91	55.6	405.3	127.2	14.00	3.185	19.39	52.8	393.9	135.1	14.00	2.916	18.84	50.0
	8.00	430.0	121.1	14.00	3.551	20.57	59.2	418.8	128.6	14.00	3.257	20.03	56.3	407.1	136.5	14.00	2.983	19.47	53.3
	9.00	443.0	122.2	14.00	3.623	21.19	62.7	431.3	129.8	14.00	3.322	20.63	59.6	419.1	137.7	14.00	3.043	20.05	56.3
APCY6125DH	5.00	427.2	125.5	16.00	3.404	20.43	39.6	416.5	133.1	16.00	3.129	19.92	37.7	405.3	141.1	16.00	2.871	19.38	35.8
	6.00	444.0	126.9	16.00	3.499	21.24	42.6	433.0	134.6	16.00	3.217	20.71	40.6	421.6	142.7	16.00	2.952	20.16	38.6
	7.00	461.6	128.3	16.00	3.597	22.08	46.0	449.8	136.1	16.00	3.305	21.52	43.7	437.6	144.3	16.00	3.032	20.93	41.4
	8.00	476.0	129.4	16.00	3.676	22.77	48.8	463.8	137.3	16.00	3.377	22.18	46.4	451.1	145.6	16.00	3.098	21.58	43.9
	9.00	496.5	131.1	16.00	3.787	23.75	53.0	484.3	139.1	16.00	3.481	23.16	50.5	471.7	147.5	16.00	3.196	22.56	48.0
APCY6135DH	5.00	463.7	137.9	16.00	3.363	22.18	46.4	451.1	146.0	16.00	3.089	21.58	43.9	438.0	154.5	16.00	2.833	20.95	41.5
	6.00	480.7	139.4	16.00	3.447	22.99	49.8	468.1	147.7	16.00	3.169	22.39	47.2	454.9	156.3	16.00	2.909	21.76	44.7
	7.00	500.6	141.2	16.00	3.544	23.94	53.9	487.1	149.5	16.00	3.256	23.30	51.0	473.0	158.2	16.00	2.989	22.62	48.2
	8.00	516.7	142.7	16.00	3.621	24.71	57.4	502.5	151.0	16.00	3.326	24.04	54.3	487.8	159.8	16.00	3.053	23.33	51.2
	9.00	536.3	144.4	16.00	3.713	25.65	61.8	522.5	153.0	16.00	3.415	24.99	58.7	508.0	161.9	16.00	3.138	24.30	55.5
APCY6145DH	5.00	497.3	150.5	16.00	3.304	23.79	53.2	483.0	159.1	16.00	3.035	23.10	50.2	468.0	168.0	16.00	2.785	22.38	47.2
	6.00	513.6	152.1	16.00	3.376	24.57	56.7	499.7	160.9	16.00	3.106	23.90	53.7	485.0	169.9	16.00	2.855	23.20	50.6
	7.00	535.9	154.3	16.00	3.472	25.63	61.7	520.9	163.1	16.00	3.194	24.92	58.3	505.2	172.1	16.00	2.935	24.16	54.9
	8.00	553.8	156.0	16.00	3.548	26.49	65.9	538.0	164.9	16.00	3.262	25.73	62.2	521.2	173.9	16.00	2.997	24.93	58.4
	9.00	572.5	157.9	16.00	3.625	27.38	70.3	557.1	166.9	16.00	3.337	26.64	66.6	540.9	176.1	16.00	3.071	25.87	62.8
APCY6160DH	5.00	565.0	158.4	20.00	3.566	27.02	39.8	548.4	167.4	20.00	3.276	26.23	38.2	530.9	176.6	20.00	3.005	25.39	36.4
	6.00	582.8	159.9	20.00	3.645	27.88	41.7	565.6	168.9	20.00	3.348	27.05	39.9	547.5	178.2	20.00	3.072	26.19	38.1
	7.00	601.4	161.4	20.00	3.725	28.76	43.6	583.8	170.5	20.00	3.423	27.93	41.7	565.5	179.9	20.00	3.143	27.05	39.9
	8.00	627.7	163.5	20.00	3.837	30.02	46.4	610.0	172.8	20.00	3.529	29.18	44.5	591.5	182.4	20.00	3.243	28.29	42.6
	9.00	639.0	164.5	20.00	3.884	30.56	47.6	620.4	173.7	20.00	3.570	29.67	45.6	600.9	183.3	20.00	3.278	28.74	43.5
APCY6170DH	5.00	585.6	167.9	20.00	3.488	28.01	41.9	568.6	177.4	20.00	3.205	27.19	40.2	550.5	187.2	20.00	2.940	26.33	38.4
	6.00	604.3	169.5	20.00	3.564	28.90	43.9	586.6	179.1	20.00	3.275	28.05	42.0	567.8	189.0	20.00	3.004	27.16	40.1
	7.00	623.3	171.2	20.00	3.640	29.81	45.9	605.2	180.9	20.00	3.346	28.95	44.0	586.2	190.8	20.00	3.071	28.04	42.0
	8.00	649.9	173.6	20.00	3.743	31.09	48.9	631.8	183.4	20.00	3.444	30.22	46.9	612.6	193.6	20.00	3.164	29.30	44.8
	9.00	662.6	174.7	20.00	3.792	31.69	50.3	643.4	184.5	20.00	3.486	30.77	48.1	623.2	194.7	20.00	3.201	29.81	45.9
APCY6185DH	5.00	617.6	183.4	20.00	3.368	29.54	45.3	606.0	195.7	20.00	3.095	28.99	44.1	593.7	208.5	20.00	2.847	28.40	42.8
	6.00	636.1	184.9	20.00	3.440	30.43	47.3	624.2	197.3	20.00	3.162	29.85	46.0	611.6	210.2	20.00	2.909	29.25	44.7
	7.00	654.2	186.3	20.00	3.510	31.29	49.3	642.2	198.9	20.00	3.228	30.72	48.0	629.5	211.8	20.00	2.971	30.11	46.6
	8.00	679.1	188.3	20.00	3.606	32.48	52.2	667.2	201.0	20.00	3.319	31.91	50.8	654.7	214.1	20.00	3.057	31.31	49.4
	9.00	692.4	189.3	20.00	3.657	33.12	53.7	680.0	202.0	20.00	3.365	32.52	52.3	666.8	215.2	20.00	3.098	31.89	50.8

Table 23

Notes:

1. Capacity ratings are based on following condition. Evaporator Water Temperature Change: 5ºC Evaporator Fouling Factor:0.0176m² K/kW.
2. Total power mentioned in this page should not be used for cable or fuse selection. Unit maximum running current given in the data pages (44 to 48) should be referred for the same.

CAPACITY RATINGS - 60.Hz (SI)

Model	LWT	Condenser Entering Air Dry Bulb °C																	
		45.0						48.0						51.7					
		Capacity	Total Power	Fan Power	COP	WFR	WPD	Capacity	Total Power	Fan Power	COP	WFR	WPD	Capacity	Total Power	Fan Power	COP	WFR	WPD
	°C	kW	kW	kW	W/W	L/s	kPa	kW	kW	kW	W/W	L/s	kPa	kW	kW	kW	W/W	L/s	kPa
APCY6095DH	5.00	274.0	122.4	12.00	2.237	13.11	34.3	263.1	128.9	12.00	2.040	12.58	31.7	248.6	137.2	12.00	1.812	11.89	28.5
	6.00	283.8	123.5	12.00	2.297	13.57	36.7	272.7	130.0	12.00	2.097	13.04	34.0	258.0	138.2	12.00	1.866	12.34	30.6
	7.00	294.7	124.7	12.00	2.363	14.10	39.5	283.1	131.1	12.00	2.159	13.54	36.5	267.7	139.2	12.00	1.922	12.80	32.8
	8.00	305.1	125.8	12.00	2.425	14.59	42.2	292.9	132.1	12.00	2.216	14.01	39.0	276.8	140.2	12.00	1.974	13.24	35.0
	9.00	315.3	126.8	12.00	2.486	15.08	45.0	302.6	133.1	12.00	2.273	14.47	41.6	286.0	141.1	12.00	2.026	13.68	37.3
APCY6100DH	5.00	300.0	133.4	12.00	2.248	14.35	29.8	287.7	140.8	12.00	2.042	13.76	27.6	271.4	150.4	12.00	1.805	12.98	24.8
	6.00	310.1	134.6	12.00	2.302	14.83	31.7	297.3	142.0	12.00	2.093	14.22	29.3	280.6	151.5	12.00	1.852	13.42	26.3
	7.00	320.0	135.8	12.00	2.356	15.30	33.7	306.9	143.2	12.00	2.143	14.68	31.1	289.8	152.6	12.00	1.898	13.86	28.0
	8.00	330.9	137.0	12.00	2.414	15.83	35.9	317.5	144.4	12.00	2.198	15.18	33.2	300.0	153.8	12.00	1.950	14.35	29.8
	9.00	339.8	138.0	12.00	2.461	16.25	37.7	325.9	145.4	12.00	2.241	15.59	34.9	307.8	154.7	12.00	1.989	14.72	31.3
APCY6110DH	5.00	317.2	144.0	12.00	2.202	15.17	33.1	304.6	152.6	12.00	1.996	14.57	30.7	288.1	163.7	12.00	1.759	13.78	27.7
	6.00	327.8	145.4	12.00	2.254	15.68	35.2	314.8	154.0	12.00	2.044	15.06	32.7	297.8	165.0	12.00	1.804	14.24	29.4
	7.00	338.3	146.8	12.00	2.304	16.18	37.4	324.9	155.4	12.00	2.091	15.54	34.7	307.5	166.4	12.00	1.848	14.71	31.2
	8.00	349.7	148.3	12.00	2.358	16.72	39.8	336.0	156.8	12.00	2.142	16.07	36.9	318.1	167.8	12.00	1.896	15.21	33.3
	9.00	359.2	149.5	12.00	2.403	17.18	41.9	345.1	158.0	12.00	2.184	16.50	38.8	326.6	168.9	12.00	1.933	15.62	35.0
APCY6115DH	5.00	342.0	152.0	14.00	2.249	16.36	38.2	329.6	161.2	14.00	2.045	15.76	35.6	313.5	173.1	14.00	1.811	14.99	32.4
	6.00	353.8	153.5	14.00	2.305	16.92	40.7	341.0	162.6	14.00	2.097	16.31	38.0	324.4	174.5	14.00	1.859	15.52	34.6
	7.00	365.3	154.9	14.00	2.358	17.47	43.3	352.2	164.0	14.00	2.146	16.84	40.4	335.2	175.9	14.00	1.905	16.03	36.8
	8.00	377.8	156.4	14.00	2.415	18.07	46.1	364.4	165.6	14.00	2.200	17.43	43.1	346.9	177.5	14.00	1.955	16.59	39.2
	9.00	388.7	157.7	14.00	2.465	18.59	48.7	374.8	166.8	14.00	2.246	17.92	45.4	356.8	178.7	14.00	1.996	17.06	41.4
APCY6125DH	5.00	377.7	161.9	16.00	2.332	18.06	31.4	365.1	171.6	16.00	2.127	17.46	29.5	349.0	184.3	16.00	1.893	16.69	27.3
	6.00	393.1	163.7	16.00	2.401	18.80	33.8	380.2	173.4	16.00	2.192	18.18	31.8	363.5	186.1	16.00	1.953	17.39	29.3
	7.00	407.6	165.3	16.00	2.465	19.49	36.2	394.0	175.1	16.00	2.250	18.84	33.9	376.5	187.8	16.00	2.005	18.01	31.2
	8.00	420.0	166.7	16.00	2.519	20.09	38.3	405.9	176.5	16.00	2.300	19.41	35.9	387.9	189.2	16.00	2.050	18.55	33.0
	9.00	440.7	169.0	16.00	2.608	21.08	42.0	426.7	178.9	16.00	2.385	20.41	39.5	408.7	191.7	16.00	2.132	19.55	36.4
APCY6135DH	5.00	405.3	175.8	16.00	2.305	19.39	35.8	390.4	185.6	16.00	2.104	18.67	33.4	371.2	198.1	16.00	1.874	17.75	30.4
	6.00	421.7	177.8	16.00	2.371	20.17	38.6	406.4	187.6	16.00	2.166	19.44	36.0	386.7	200.2	16.00	1.932	18.49	32.8
	7.00	437.8	179.7	16.00	2.435	20.94	41.5	421.7	189.5	16.00	2.225	20.17	38.6	401.0	202.1	16.00	1.984	19.18	35.1
	8.00	451.3	181.4	16.00	2.488	21.58	44.0	434.7	191.2	16.00	2.273	20.79	40.9	413.3	203.8	16.00	2.028	19.77	37.1
	9.00	472.0	183.9	16.00	2.566	22.57	48.0	455.5	193.9	16.00	2.349	21.79	44.8	434.3	206.7	16.00	2.101	20.77	40.8
APCY6145DH	5.00	430.6	189.7	16.00	2.270	20.60	40.2	413.5	199.3	16.00	2.074	19.78	37.2	391.4	211.6	16.00	1.849	18.72	33.5
	6.00	447.5	191.7	16.00	2.334	21.40	43.3	430.2	201.5	16.00	2.135	20.57	40.1	407.6	213.9	16.00	1.906	19.49	36.2
	7.00	465.3	194.0	16.00	2.398	22.25	46.7	446.9	203.7	16.00	2.194	21.38	43.2	423.1	216.1	16.00	1.958	20.24	38.8
	8.00	479.9	195.9	16.00	2.450	22.95	49.6	460.9	205.6	16.00	2.241	22.04	45.8	436.3	218.0	16.00	2.001	20.87	41.2
	9.00	500.3	198.6	16.00	2.519	23.93	53.8	481.6	208.6	16.00	2.308	23.03	49.9	457.4	221.3	16.00	2.066	21.88	45.1
APCY6160DH	5.00	487.1	199.3	20.00	2.443	23.30	32.2	466.9	209.5	20.00	2.228	22.33	30.4	440.8	222.5	20.00	1.981	21.08	28.0
	6.00	502.2	201.0	20.00	2.499	24.02	33.7	481.4	211.2	20.00	2.280	23.03	31.7	454.5	224.2	20.00	2.027	21.74	29.2
	7.00	519.6	202.9	20.00	2.561	24.85	35.3	498.6	213.1	20.00	2.339	23.85	33.3	471.4	226.3	20.00	2.083	22.55	30.8
	8.00	545.4	205.7	20.00	2.650	26.09	37.9	524.3	216.2	20.00	2.425	25.08	35.8	497.1	229.6	20.00	2.165	23.77	33.2
	9.00	552.5	206.6	20.00	2.674	26.42	38.6	530.4	217.0	20.00	2.444	25.37	36.4	501.9	230.2	20.00	2.180	24.00	33.6
APCY6170DH	5.00	504.5	211.5	20.00	2.385	24.13	33.9	483.2	222.4	20.00	2.172	23.11	31.9	455.3	236.4	20.00	1.926	21.78	29.3
	6.00	520.3	213.3	20.00	2.439	24.88	35.4	498.3	224.2	20.00	2.222	23.83	33.3	469.6	238.2	20.00	1.971	22.46	30.6
	7.00	538.1	215.4	20.00	2.498	25.73	37.1	515.8	226.4	20.00	2.278	24.67	35.0	486.8	240.4	20.00	2.024	23.28	32.2
	8.00	564.2	218.5	20.00	2.582	26.99	39.8	541.9	229.6	20.00	2.359	25.92	37.5	512.9	243.9	20.00	2.103	24.53	34.7
	9.00	572.4	219.4	20.00	2.608	27.38	40.6	548.9	230.5	20.00	2.381	26.25	38.2	518.5	244.7	20.00	2.119	24.80	35.2
APCY6185DH	5.00	562.3	240.0	20.00	2.342	26.89	39.6	547.7	254.2	20.00	2.154	26.20	38.1	528.7	272.4	20.00	1.941	25.29	36.2
	6.00	579.5	241.8	20.00	2.396	27.72	41.3	564.6	256.1	20.00	2.205	27.01	39.8	545.3	274.3	20.00	1.988	26.08	37.8
	7.00	597.4	243.7	20.00	2.451	28.57	43.2	582.6	258.1	20.00	2.257	27.87	41.6	563.4	276.4	20.00	2.038	26.94	39.7
	8.00	623.0	246.4	20.00	2.528	29.80	45.9	608.4	260.9	20.00	2.332	29.10	44.3	589.5	279.5	20.00	2.109	28.20	42.3
	9.00	633.8	247.5	20.00	2.560	30.31	47.1	618.6	262.0	20.00	2.360	29.59	45.4	598.9	280.6	20.00	2.134	28.64	43.3

Table 24

Notes:

1. Capacity ratings are based on following condition. Evaporator Water Temperature Change: 5ºC Evaporator Fouling Factor:0.0176m² K/kW.
2. Total power mentioned in this page should not be used for cable or fuse selection. Unit maximum running current given in the data pages (44 to 48) should be referred for the same.

CAPACITY RATINGS - 60.Hz (SI)

Model	LWT	Condenser Entering Air Dry Bulb °C																	
		32.0						35.0						38.0					
		Capacity	Total Power	Fan Power	COP	WFR	WPD	Capacity	Total Power	Fan Power	COP	WFR	WPD	Capacity	Total Power	Fan Power	COP	WFR	WPD
	°C	kW	kW	kW	W/W	L/s	kPa	kW	kW	kW	W/W	L/s	kPa	kW	kW	kW	W/W	L/s	kPa
APCY6195DH	5.00	651.9	197.7	20.00	3.296	31.18	49.1	638.8	210.7	20.00	3.032	30.56	47.6	625.1	224.0	20.00	2.790	29.90	46.1
	6.00	671.7	199.5	20.00	3.366	32.13	51.3	658.3	212.5	20.00	3.097	31.49	49.8	644.3	225.9	20.00	2.851	30.81	48.2
	7.00	690.4	201.1	20.00	3.432	33.02	53.5	676.9	214.3	20.00	3.158	32.38	51.9	662.8	227.8	20.00	2.909	31.70	50.3
	8.00	715.6	203.3	20.00	3.519	34.23	56.5	702.2	216.6	20.00	3.242	33.59	54.9	688.2	230.3	20.00	2.988	32.92	53.2
	9.00	730.9	204.6	20.00	3.572	34.96	58.4	716.9	217.9	20.00	3.289	34.29	56.7	702.2	231.6	20.00	3.031	33.59	54.9
APCY6205DH	5.00	684.4	212.3	20.00	3.223	32.74	52.8	670.3	225.8	20.00	2.968	32.06	51.2	655.3	239.7	20.00	2.734	31.34	49.5
	6.00	705.9	214.4	20.00	3.292	33.76	55.3	691.1	227.9	20.00	3.031	33.05	53.6	675.7	241.9	20.00	2.793	32.32	51.8
	7.00	725.2	216.2	20.00	3.353	34.68	57.7	710.2	229.9	20.00	3.089	33.98	55.8	694.8	243.9	20.00	2.848	33.23	54.0
	8.00	750.6	218.6	20.00	3.433	35.90	60.9	735.8	232.4	20.00	3.165	35.19	59.0	720.5	246.6	20.00	2.921	34.46	57.1
	9.00	767.9	220.2	20.00	3.487	36.73	63.1	752.4	234.0	20.00	3.214	35.99	61.1	736.3	248.3	20.00	2.965	35.22	59.1
APCY6220DH	5.00	734.2	221.3	24.00	3.317	35.12	58.8	719.6	235.6	24.00	3.054	34.42	57.0	704.3	250.4	24.00	2.813	33.69	55.2
	6.00	757.9	223.3	24.00	3.393	36.25	61.8	742.9	237.7	24.00	3.125	35.53	59.9	727.1	252.6	24.00	2.878	34.78	57.9
	7.00	778.5	225.0	24.00	3.459	37.24	64.5	763.3	239.5	24.00	3.187	36.51	62.5	747.3	254.5	24.00	2.936	35.74	60.5
	8.00	804.6	227.1	24.00	3.543	38.48	68.0	789.5	241.7	24.00	3.266	37.76	66.0	773.7	256.9	24.00	3.011	37.00	63.9
	9.00	825.2	228.7	24.00	3.608	39.47	70.9	809.3	243.4	24.00	3.325	38.71	68.7	792.8	258.6	24.00	3.065	37.92	66.4
APCY6230DH	5.00	770.4	238.3	24.00	3.233	36.85	63.4	755.1	253.7	24.00	2.976	36.12	61.5	739.0	269.8	24.00	2.738	35.34	59.4
	6.00	796.0	240.6	24.00	3.307	38.07	66.9	780.1	256.2	24.00	3.045	37.31	64.7	763.4	272.4	24.00	2.802	36.51	62.5
	7.00	817.4	242.5	24.00	3.370	39.10	69.8	801.4	258.2	24.00	3.103	38.33	67.5	784.5	274.6	24.00	2.857	37.52	65.3
	8.00	843.9	244.9	24.00	3.446	40.37	73.6	827.9	260.7	24.00	3.175	39.60	71.3	811.1	277.2	24.00	2.925	38.80	68.9
	9.00	866.9	246.8	24.00	3.511	41.46	77.0	850.1	262.8	24.00	3.234	40.66	74.5	832.5	279.4	24.00	2.980	39.82	72.0
APCY6240DH	5.00	797.0	240.7	24.00	3.310	38.12	37.0	780.8	256.2	24.00	3.047	37.35	35.6	763.7	272.4	24.00	2.803	36.53	34.2
	6.00	822.4	243.0	24.00	3.384	39.34	39.3	805.9	258.7	24.00	3.115	38.55	37.8	788.6	275.0	24.00	2.867	37.72	36.3
	7.00	848.3	245.2	24.00	3.458	40.57	41.6	831.4	261.1	24.00	3.184	39.77	40.0	813.8	277.5	24.00	2.932	38.93	38.5
	8.00	874.1	247.4	24.00	3.532	41.81	44.0	857.0	263.4	24.00	3.253	40.99	42.4	839.1	280.0	24.00	2.996	40.13	40.8
	9.00	901.0	249.7	24.00	3.607	43.09	46.6	883.6	265.8	24.00	3.323	42.26	44.9	865.4	282.6	24.00	3.062	41.39	43.2
APCY6260DH	5.00	859.2	253.3	28.00	3.391	41.10	42.6	843.5	269.7	28.00	3.126	40.34	41.2	826.7	286.7	28.00	2.883	39.54	39.7
	6.00	886.9	255.5	28.00	3.470	42.42	45.2	870.9	272.0	28.00	3.201	41.65	43.7	853.9	289.1	28.00	2.953	40.84	42.1
	7.00	915.2	257.7	28.00	3.551	43.77	47.9	898.8	274.3	28.00	3.276	43.00	46.3	881.6	291.5	28.00	3.023	42.17	44.7
	8.00	943.6	259.8	28.00	3.632	45.13	50.7	926.9	276.6	28.00	3.351	44.34	49.1	909.4	293.9	28.00	3.093	43.50	47.4
	9.00	972.9	261.9	28.00	3.714	46.53	53.7	956.0	278.9	28.00	3.428	45.73	52.0	938.3	296.4	28.00	3.165	44.88	50.2
APCY6275DH	5.00	909.2	273.5	28.00	3.324	43.49	47.3	893.2	291.2	28.00	3.067	42.72	45.8	876.2	309.3	28.00	2.833	41.91	44.2
	6.00	938.6	276.0	28.00	3.400	44.89	50.2	922.3	293.8	28.00	3.139	44.12	48.6	905.1	312.0	28.00	2.901	43.29	47.0
	7.00	968.7	278.5	28.00	3.478	46.33	53.3	952.2	296.4	28.00	3.212	45.55	51.5	934.7	314.8	28.00	2.969	44.71	49.8
	8.00	999.0	280.9	28.00	3.556	47.78	56.4	982.2	298.9	28.00	3.285	46.98	54.7	964.5	317.5	28.00	3.037	46.13	52.8
	9.00	1030	283.4	28.00	3.635	49.27	59.8	1013	301.6	28.00	3.359	48.46	57.9	995.2	320.3	28.00	3.106	47.60	56.0
APCY6300DH	5.00	987.1	288.3	32.00	3.423	47.21	25.2	970.0	307.5	32.00	3.154	46.40	24.5	951.9	327.1	32.00	2.910	45.53	23.7
	6.00	1019	290.9	32.00	3.505	48.78	26.7	1002	310.2	32.00	3.232	47.96	25.9	984.3	330.0	32.00	2.982	47.08	25.1
	7.00	1052	293.4	32.00	3.587	50.35	28.2	1034	312.8	32.00	3.308	49.50	27.3	1016	332.7	32.00	3.053	48.60	26.5
	8.00	1081	295.6	32.00	3.659	51.75	29.5	1063	315.1	32.00	3.375	50.87	28.7	1044	335.2	32.00	3.115	49.95	27.8
	9.00	1107	297.5	32.00	3.723	52.98	30.7	1089	317.1	32.00	3.434	52.09	29.8	1069	337.3	32.00	3.169	51.14	28.9
APCY6320DH	5.00	1032	309.0	32.00	3.342	49.40	27.3	1014	329.9	32.00	3.075	48.54	26.5	995.4	351.4	32.00	2.832	47.61	25.6
	6.00	1067	312.1	32.00	3.419	51.04	28.8	1048	333.1	32.00	3.148	50.16	28.0	1029	354.7	32.00	2.901	49.22	27.1
	7.00	1101	315.0	32.00	3.497	52.70	30.4	1082	336.2	32.00	3.220	51.80	29.5	1062	358.0	32.00	2.968	50.84	28.6
	8.00	1133	317.7	32.00	3.567	54.20	31.9	1113	339.0	32.00	3.285	53.27	31.0	1093	360.9	32.00	3.028	52.29	30.0
	9.00	1161	320.0	32.00	3.628	55.54	33.2	1141	341.4	32.00	3.342	54.58	32.2	1119	363.5	32.00	3.081	53.57	31.2
APCY6340DH	5.00	1112	327.2	36.00	3.398	53.20	30.9	1092	348.8	36.00	3.131	52.25	30.0	1071	371.2	36.00	2.885	51.23	29.0
	6.00	1148	330.2	36.00	3.477	54.92	32.6	1128	351.9	36.00	3.206	53.97	31.6	1106	374.5	36.00	2.955	52.94	30.6
	7.00	1186	333.2	36.00	3.561	56.76	34.4	1166	355.1	36.00	3.284	55.78	33.4	1143	377.8	36.00	3.027	54.71	32.4
	8.00	1222	335.9	36.00	3.639	58.46	36.2	1200	357.9	36.00	3.355	57.44	35.1	1177	380.8	36.00	3.092	56.34	34.0
	9.00	1253	338.2	36.00	3.707	59.98	37.8	1231	360.4	36.00	3.417	58.92	36.7	1208	383.5	36.00	3.150	57.79	35.5

Table 25

Notes:

1. Capacity ratings are based on following condition. Evaporator Water Temperature Change: 5ºC Evaporator Fouling Factor:0.0176m² K/kW.
2. Total power mentioned in this page should not be used for cable or fuse selection. Unit maximum running current given in the data pages (44 to 48) should be referred for the same.

CAPACITY RATINGS - 60.Hz (SI)

Model	LWT	Condenser Entering Air Dry Bulb °C																	
		45.0						48.0						51.7					
		Capacity	Total Power	Fan Power	COP	WFR	WPD	Capacity	Total Power	Fan Power	COP	WFR	WPD	Capacity	Total Power	Fan Power	COP	WFR	WPD
	°C	kW	kW	kW	W/W	L/s	kPa	kW	kW	kW	W/W	L/s	kPa	kW	kW	kW	W/W	L/s	kPa
APCY6195DH	5.00	590.7	256.7	20.00	2.300	28.25	42.5	574.8	271.4	20.00	2.117	27.49	40.8	554.3	290.2	20.00	1.910	26.51	38.7
	6.00	609.0	258.8	20.00	2.353	29.13	44.4	592.9	273.6	20.00	2.167	28.36	42.7	572.0	292.4	20.00	1.956	27.36	40.5
	7.00	627.5	260.9	20.00	2.405	30.01	46.4	611.4	275.8	20.00	2.217	29.24	44.7	590.6	294.8	20.00	2.003	28.25	42.5
	8.00	653.4	263.8	20.00	2.477	31.25	49.3	637.6	278.8	20.00	2.286	30.49	47.5	617.2	298.1	20.00	2.070	29.52	45.3
	9.00	665.9	265.2	20.00	2.511	31.85	50.7	649.4	280.2	20.00	2.317	31.06	48.8	628.1	299.4	20.00	2.097	30.04	46.5
APCY6205DH	5.00	617.9	273.6	20.00	2.258	29.56	45.4	600.9	288.9	20.00	2.080	28.74	43.5	578.9	308.3	20.00	1.878	27.69	41.3
	6.00	637.4	276.0	20.00	2.309	30.49	47.5	620.0	291.3	20.00	2.128	29.66	45.6	597.7	310.8	20.00	1.923	28.59	43.2
	7.00	656.4	278.3	20.00	2.358	31.40	49.6	639.1	293.7	20.00	2.176	30.57	47.7	616.8	313.3	20.00	1.969	29.50	45.2
	8.00	682.7	281.4	20.00	2.426	32.65	52.6	665.6	297.0	20.00	2.241	31.84	50.6	643.8	316.8	20.00	2.032	30.79	48.2
	9.00	696.8	283.1	20.00	2.461	33.33	54.3	679.1	298.6	20.00	2.274	32.48	52.2	656.3	318.5	20.00	2.060	31.39	49.6
APCY6220DH	5.00	665.6	287.0	24.00	2.319	31.84	50.6	647.8	303.6	24.00	2.134	30.98	48.6	624.7	324.9	24.00	1.923	29.88	46.1
	6.00	687.3	289.4	24.00	2.375	32.88	53.1	669.1	306.0	24.00	2.186	32.00	51.0	645.5	327.4	24.00	1.971	30.87	48.4
	7.00	707.5	291.5	24.00	2.426	33.84	55.5	689.2	308.3	24.00	2.235	32.96	53.4	665.6	329.8	24.00	2.018	31.84	50.6
	8.00	734.3	294.3	24.00	2.495	35.12	58.8	716.4	311.2	24.00	2.301	34.26	56.6	693.2	333.0	24.00	2.082	33.16	53.8
	9.00	751.6	296.1	24.00	2.538	35.95	61.0	732.9	313.0	24.00	2.341	35.05	58.7	708.8	334.8	24.00	2.117	33.90	55.7
APCY6230DH	5.00	697.7	310.0	24.00	2.251	33.37	54.4	678.6	328.3	24.00	2.067	32.46	52.1	653.7	351.9	24.00	1.857	31.26	49.3
	6.00	721.0	312.8	24.00	2.305	34.48	57.2	701.4	331.2	24.00	2.118	33.55	54.8	675.9	354.9	24.00	1.904	32.33	51.8
	7.00	741.8	315.2	24.00	2.353	35.48	59.8	722.2	333.7	24.00	2.164	34.54	57.3	696.7	357.6	24.00	1.948	33.32	54.3
	8.00	769.0	318.4	24.00	2.415	36.78	63.3	749.7	337.1	24.00	2.224	35.86	60.8	724.7	361.2	24.00	2.006	34.66	57.6
	9.00	788.5	320.6	24.00	2.459	37.71	65.8	768.3	339.3	24.00	2.264	36.75	63.2	742.2	363.4	24.00	2.042	35.50	59.8
APCY6240DH	5.00	720.6	312.7	24.00	2.304	34.47	30.6	700.7	331.1	24.00	2.116	33.51	29.1	674.9	354.8	24.00	1.902	32.28	27.0
	6.00	744.9	315.6	24.00	2.360	35.63	32.6	724.9	334.1	24.00	2.170	34.67	31.0	698.8	357.9	24.00	1.953	33.43	28.9
	7.00	769.6	318.4	24.00	2.416	36.81	34.7	749.3	337.0	24.00	2.223	35.84	33.0	723.0	361.0	24.00	2.003	34.58	30.8
	8.00	794.2	321.2	24.00	2.472	37.99	36.8	773.7	339.9	24.00	2.276	37.01	35.0	747.2	364.0	24.00	2.052	35.74	32.8
	9.00	820.1	324.1	24.00	2.530	39.23	39.1	799.4	343.0	24.00	2.330	38.24	37.3	772.7	367.3	24.00	2.104	36.96	35.0
APCY6260DH	5.00	784.2	328.4	28.00	2.387	37.51	35.9	764.5	347.3	28.00	2.201	36.56	34.3	738.7	371.4	28.00	1.989	35.33	32.1
	6.00	810.9	331.2	28.00	2.448	38.79	38.3	791.0	350.1	28.00	2.259	37.83	36.5	765.1	374.4	28.00	2.043	36.59	34.3
	7.00	838.0	333.9	28.00	2.509	40.08	40.7	817.9	353.0	28.00	2.317	39.12	38.9	791.8	377.5	28.00	2.097	37.87	36.6
	8.00	865.3	336.7	28.00	2.570	41.39	43.2	845.0	355.9	28.00	2.374	40.41	41.3	818.6	380.6	28.00	2.150	39.15	38.9
	9.00	893.7	339.5	28.00	2.632	42.74	45.8	873.1	359.0	28.00	2.432	41.76	43.9	846.6	383.9	28.00	2.205	40.49	41.5
APCY6275DH	5.00	832.8	353.3	28.00	2.357	39.83	40.2	812.7	372.9	28.00	2.179	38.87	38.4	786.3	397.9	28.00	1.976	37.61	36.1
	6.00	861.3	356.4	28.00	2.417	41.20	42.8	841.0	376.2	28.00	2.236	40.23	41.0	814.5	401.4	28.00	2.029	38.96	38.6
	7.00	890.4	359.5	28.00	2.477	42.59	45.5	869.9	379.5	28.00	2.292	41.61	43.6	843.2	404.9	28.00	2.082	40.33	41.2
	8.00	919.6	362.6	28.00	2.535	43.99	48.4	898.9	382.8	28.00	2.348	42.99	46.4	872.0	408.5	28.00	2.134	41.71	43.8
	9.00	949.9	366.0	28.00	2.595	45.43	51.4	929.0	386.4	28.00	2.404	44.43	49.3	901.8	412.5	28.00	2.186	43.14	46.6
APCY6300DH	5.00	905.6	375.2	32.00	2.414	43.32	21.6	884.0	396.7	32.00	2.228	42.28	20.6	855.9	424.1	32.00	2.018	40.94	19.3
	6.00	937.5	378.4	32.00	2.477	44.84	23.0	915.8	400.1	32.00	2.289	43.80	22.0	887.4	427.8	32.00	2.074	42.45	20.8
	7.00	968.2	381.5	32.00	2.537	46.31	24.4	946.0	403.4	32.00	2.345	45.25	23.4	917.1	431.3	32.00	2.126	43.87	22.1
	8.00	995.3	384.2	32.00	2.590	47.60	25.6	972.6	406.2	32.00	2.394	46.52	24.6	943.1	434.3	32.00	2.171	45.11	23.3
	9.00	1019	386.7	32.00	2.635	48.75	26.7	996.1	408.8	32.00	2.436	47.64	25.6	966.0	437.1	32.00	2.210	46.21	24.3
APCY6320DH	5.00	946.1	404.1	32.00	2.341	45.25	23.4	923.1	427.8	32.00	2.158	44.15	22.4	893.0	458.0	32.00	1.950	42.71	21.0
	6.00	979.3	407.9	32.00	2.401	46.84	24.9	956.2	431.7	32.00	2.215	45.73	23.8	926.0	462.2	32.00	2.003	44.29	22.5
	7.00	1011	411.5	32.00	2.459	48.40	26.3	988.3	435.5	32.00	2.269	47.27	25.3	957.5	466.2	32.00	2.053	45.80	23.9
	8.00	1040	414.7	32.00	2.509	49.79	27.6	1016	438.9	32.00	2.316	48.63	26.5	985.2	469.8	32.00	2.097	47.12	25.1
	9.00	1066	417.6	32.00	2.554	51.01	28.8	1041	441.9	32.00	2.357	49.83	27.7	1009	473.0	32.00	2.135	48.30	26.2
APCY6340DH	5.00	1015	426.9	36.00	2.379	48.59	26.5	989.7	452.3	36.00	2.188	47.34	25.3	955.4	484.9	36.00	1.970	45.70	23.8
	6.00	1051	430.7	36.00	2.440	50.27	28.1	1024	456.2	36.00	2.246	49.01	26.9	990.0	489.1	36.00	2.024	47.35	25.4
	7.00	1086	434.4	36.00	2.501	51.97	29.7	1059	460.1	36.00	2.302	50.68	28.5	1024	493.3	36.00	2.076	48.98	26.9
	8.00	1118	437.8	36.00	2.555	53.51	31.2	1090	463.6	36.00	2.353	52.18	29.9	1054	496.9	36.00	2.122	50.43	28.2
	9.00	1147	440.7	36.00	2.603	54.87	32.5	1118	466.7	36.00	2.397	53.51	31.2	1081	500.2	36.00	2.161	51.72	29.5

Table 26

Notes:

1. Capacity ratings are based on following condition. Evaporator Water Temperature Change: 5ºC Evaporator Fouling Factor:0.0176m^2 K/kW.
2. Total power mentioned in this page should not be used for cable or fuse selection. Unit maximum running current given in the data pages (44 to 48) should be referred for the same.

CAPACITY RATINGS - 60.Hz (SI)

Model	LWT	Condenser Entering Air Dry Bulb °C																	
		32.0						35.0						38.0					
		Capacity	Total Power	Fan Power	COP	WFR	WPD	Capacity	Total Power	Fan Power	COP	WFR	WPD	Capacity	Total Power	Fan Power	COP	WFR	WPD
	°C	kW	kW	kW	W/W	L/s	kPa	kW	kW	kW	W/W	L/s	kPa	kW	kW	kW	W/W	L/s	kPa
APCY6360DH	5.00	1179	352.9	36.00	3.341	56.40	34.1	1157	375.6	36.00	3.080	55.34	33.0	1133	399.5	36.00	2.836	54.20	31.9
	6.00	1216	356.2	36.00	3.415	58.19	35.9	1194	379.1	36.00	3.149	57.12	34.8	1170	403.2	36.00	2.902	55.96	33.6
	7.00	1257	359.6	36.00	3.497	60.16	38.0	1234	382.8	36.00	3.225	59.06	36.8	1209	407.0	36.00	2.972	57.87	35.6
	8.00	1296	362.8	36.00	3.574	62.03	40.1	1272	386.2	36.00	3.295	60.88	38.8	1246	410.6	36.00	3.036	59.64	37.5
	9.00	1331	365.7	36.00	3.642	63.70	42.1	1306	389.1	36.00	3.358	62.50	40.7	1279	413.7	36.00	3.093	61.22	39.2
APCY6385DH	5.00	1240	370.9	40.00	3.344	59.33	37.1	1218	394.5	40.00	3.088	58.27	36.0	1195	419.2	40.00	2.851	57.18	34.9
	6.00	1278	374.0	40.00	3.419	61.17	39.2	1256	397.8	40.00	3.159	60.11	38.0	1233	422.7	40.00	2.919	59.02	36.8
	7.00	1323	377.5	40.00	3.505	63.29	41.6	1300	401.5	40.00	3.239	62.21	40.3	1277	426.6	40.00	2.994	61.09	39.1
	8.00	1366	380.7	40.00	3.588	65.35	44.1	1342	404.9	40.00	3.316	64.22	42.7	1318	430.2	40.00	3.065	63.07	41.3
	9.00	1404	383.6	40.00	3.662	67.20	46.5	1380	407.9	40.00	3.384	66.03	45.0	1355	433.4	40.00	3.128	64.84	43.5
APCY6405DH	5.00	1289	396.3	40.00	3.254	61.70	39.8	1267	421.3	40.00	3.008	60.62	38.5	1245	447.3	40.00	2.783	59.55	37.4
	6.00	1328	399.7	40.00	3.324	63.56	41.9	1306	424.9	40.00	3.075	62.49	40.7	1284	451.1	40.00	2.847	61.45	39.5
	7.00	1375	403.5	40.00	3.408	65.79	44.7	1352	429.0	40.00	3.153	64.71	43.3	1330	455.4	40.00	2.921	63.65	42.0
	8.00	1421	407.3	40.00	3.490	68.00	47.6	1398	432.9	40.00	3.230	66.88	46.1	1375	459.6	40.00	2.993	65.79	44.7
	9.00	1463	410.6	40.00	3.564	70.00	50.4	1439	436.4	40.00	3.298	68.85	48.8	1416	463.3	40.00	3.056	67.73	47.2
APCY6410TH	5.00	1351	405.0	44.00	3.337	64.65	38.4	1329	431.4	44.00	3.082	63.60	37.3	1306	458.5	44.00	2.848	62.47	36.2
	6.00	1394	408.4	44.00	3.413	66.70	40.5	1371	435.0	44.00	3.153	65.61	39.4	1347	462.2	44.00	2.915	64.45	38.2
	7.00	1438	411.9	44.00	3.491	68.79	42.7	1414	438.6	44.00	3.226	67.68	41.5	1390	466.0	44.00	2.983	66.50	40.3
	8.00	1484	415.4	44.00	3.574	71.03	45.3	1461	442.3	44.00	3.303	69.88	44.0	1435	469.9	44.00	3.055	68.67	42.6
	9.00	1526	418.5	44.00	3.646	73.00	47.6	1501	445.5	44.00	3.369	71.81	46.2	1474	473.3	44.00	3.116	70.54	44.7
APCY6425TH	5.00	1392	425.1	44.00	3.275	66.60	40.4	1369	453.2	44.00	3.021	65.51	39.3	1345	482.2	44.00	2.790	64.34	38.1
	6.00	1437	429.0	44.00	3.349	68.73	42.7	1413	457.3	44.00	3.090	67.61	41.5	1388	486.4	44.00	2.854	66.41	40.2
	7.00	1482	432.9	44.00	3.424	70.91	45.1	1458	461.4	44.00	3.160	69.76	43.8	1432	490.6	44.00	2.920	68.53	42.5
	8.00	1531	437.0	44.00	3.504	73.24	47.9	1506	465.6	44.00	3.235	72.05	46.5	1480	495.1	44.00	2.989	70.79	45.0
	9.00	1575	440.6	44.00	3.575	75.36	50.6	1549	469.4	44.00	3.301	74.11	49.0	1521	499.0	44.00	3.049	72.79	47.4
APCY6445TH	5.00	1441	437.4	48.00	3.294	68.93	42.9	1418	467.0	48.00	3.037	67.84	41.7	1393	497.4	48.00	2.802	66.66	40.5
	6.00	1488	441.5	48.00	3.371	71.19	45.5	1464	471.1	48.00	3.108	70.06	44.2	1439	501.7	48.00	2.868	68.84	42.8
	7.00	1536	445.4	48.00	3.448	73.48	48.2	1511	475.3	48.00	3.180	72.32	46.7	1485	506.0	48.00	2.936	71.07	45.3
	8.00	1587	449.6	48.00	3.531	75.94	51.3	1562	479.6	48.00	3.257	74.73	49.8	1535	510.6	48.00	3.008	73.46	48.2
	9.00	1635	453.3	48.00	3.608	78.23	54.4	1609	483.5	48.00	3.328	76.97	52.7	1581	514.6	48.00	3.072	75.63	50.9
APCY6465TH	5.00	1479	457.2	48.00	3.236	70.77	45.0	1456	488.4	48.00	2.981	69.65	43.7	1431	520.7	48.00	2.748	68.45	42.4
	6.00	1529	461.8	48.00	3.311	73.14	47.8	1504	493.2	48.00	3.050	71.97	46.4	1478	525.6	48.00	2.813	70.72	44.9
	7.00	1578	466.2	48.00	3.386	75.51	50.8	1553	497.8	48.00	3.120	74.31	49.2	1526	530.5	48.00	2.878	73.03	47.6
	8.00	1632	470.8	48.00	3.466	78.08	54.2	1606	502.7	48.00	3.195	76.83	52.5	1578	535.5	48.00	2.947	75.51	50.8
	9.00	1683	475.2	48.00	3.542	80.52	57.7	1655	507.2	48.00	3.265	79.21	55.8	1626	540.2	48.00	3.011	77.82	53.8
APCY6480TH	5.00	1580	478.0	48.00	3.305	75.58	50.8	1553	510.2	48.00	3.045	74.33	49.2	1525	543.6	48.00	2.806	72.97	47.6
	6.00	1631	482.6	48.00	3.380	78.03	54.1	1604	514.9	48.00	3.115	76.73	52.4	1574	548.5	48.00	2.871	75.33	50.5
	7.00	1683	487.0	48.00	3.456	80.52	57.7	1655	519.6	48.00	3.185	79.18	55.7	1625	553.4	48.00	2.936	77.74	53.7
	8.00	1739	491.7	48.00	3.536	83.19	61.8	1710	524.5	48.00	3.260	81.80	59.6	1679	558.6	48.00	3.006	80.32	57.4
	9.00	-	-	-	-	-	-	-	-	-	-	-	-	1727	563.2	48.00	3.068	82.64	60.9
APCY6495TH	5.00	1587	507.3	48.00	3.129	75.95	51.3	1562	541.1	48.00	2.887	74.73	49.8	1534	576.4	48.00	2.661	73.39	48.1
	6.00	1645	513.2	48.00	3.206	78.71	55.1	1618	547.2	48.00	2.956	77.39	53.3	1588	582.7	48.00	2.725	75.96	51.3
	7.00	1701	518.8	48.00	3.279	81.38	59.0	1672	553.0	48.00	3.024	80.01	56.9	1641	588.6	48.00	2.788	78.51	54.8
	8.00	-	-	-	-	-	-	1731	559.0	48.00	3.096	82.80	61.2	1698	594.9	48.00	2.855	81.25	58.8
	9.00	-	-	-	-	-	-	-	-	-	-	-	-	1755	601.0	48.00	2.920	83.95	63.0
APCY6510TH	5.00	1635	532.3	48.00	3.072	78.24	54.4	1609	567.6	48.00	2.836	77.00	52.7	1580	604.7	48.00	2.614	75.62	50.9
	6.00	1698	539.2	48.00	3.150	81.24	58.8	1669	574.6	48.00	2.906	79.87	56.7	1638	611.7	48.00	2.678	78.37	54.6
	7.00	-	-	-	-	-	-	1727	581.0	48.00	2.973	82.63	60.9	1694	618.4	48.00	2.740	81.04	58.5
	8.00	-	-	-	-	-	-	-	-	-	-	-	-	1754	625.3	48.00	2.805	83.91	63.0
	9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 27

Notes:

1. Capacity ratings are based on following condition. Evaporator Water Temperature Change: 5ºC Evaporator Fouling Factor:0.0176m^2 K/kW.
2. Total power mentioned in this page should not be used for cable or fuse selection. Unit maximum running current given in the data pages (44 to 48) should be referred for the same.

CAPACITY RATINGS - 60.Hz (SI)

Model	LWT	Condenser Entering Air Dry Bulb °C																	
		45.0						48.0						51.7					
		Capacity	Total Power	Fan Power	COP	WFR	WPD	Capacity	Total Power	Fan Power	COP	WFR	WPD	Capacity	Total Power	Fan Power	COP	WFR	WPD
	°C	kW	kW	kW	W/W	L/s	kPa	kW	kW	kW	W/W	L/s	kPa	kW	kW	kW	W/W	L/s	kPa
APCY6360DH	5.00	1070	459.3	36.00	2.330	51.20	29.0	1040	486.8	36.00	2.137	49.77	27.6	1001	522.4	36.00	1.916	47.89	25.9
	6.00	1106	463.6	36.00	2.387	52.94	30.6	1076	491.3	36.00	2.191	51.50	29.2	1036	527.1	36.00	1.967	49.59	27.4
	7.00	1144	467.9	36.00	2.446	54.74	32.4	1113	495.8	36.00	2.246	53.26	30.9	1072	531.9	36.00	2.016	51.30	29.1
	8.00	1179	471.8	36.00	2.499	56.40	34.1	1147	499.9	36.00	2.294	54.87	32.5	1104	536.1	36.00	2.060	52.84	30.5
	9.00	1209	475.3	36.00	2.545	57.87	35.6	1176	503.5	36.00	2.337	56.29	33.9	1133	540.0	36.00	2.099	54.20	31.9
APCY6385DH	5.00	1139	480.9	40.00	2.368	54.49	32.1	1114	509.3	40.00	2.187	53.28	31.0	1081	545.9	40.00	1.981	51.74	29.5
	6.00	1178	485.1	40.00	2.428	56.35	34.0	1152	513.6	40.00	2.244	55.14	32.8	1120	550.6	40.00	2.035	53.61	31.3
	7.00	1220	489.4	40.00	2.493	58.36	36.1	1194	518.2	40.00	2.305	57.13	34.8	1161	555.5	40.00	2.091	55.56	33.2
	8.00	1259	493.5	40.00	2.552	60.24	38.1	1233	522.5	40.00	2.360	58.98	36.7	1199	560.1	40.00	2.141	57.37	35.0
	9.00	1294	497.1	40.00	2.604	61.93	40.0	1267	526.3	40.00	2.408	60.63	38.5	1233	564.2	40.00	2.185	58.98	36.7
APCY6405DH	5.00	1194	512.2	40.00	2.332	57.14	34.8	1173	541.9	40.00	2.166	56.14	33.8	1148	580.2	40.00	1.979	54.93	32.6
	6.00	1235	516.7	40.00	2.390	59.08	36.9	1214	546.6	40.00	2.222	58.10	35.8	1190	585.4	40.00	2.032	56.92	34.6
	7.00	1280	521.6	40.00	2.455	61.26	39.3	1260	551.9	40.00	2.283	60.28	38.2	1235	591.0	40.00	2.090	59.09	36.9
	8.00	1324	526.3	40.00	2.516	63.35	41.7	1303	556.9	40.00	2.341	62.35	40.5	1278	596.4	40.00	2.143	61.15	39.1
	9.00	1363	530.6	40.00	2.570	65.24	44.0	1342	561.4	40.00	2.391	64.22	42.7	1317	601.3	40.00	2.190	63.00	41.3
APCY6410TH	5.00	1245	524.4	44.00	2.374	59.56	33.4	1216	553.8	44.00	2.197	58.19	32.1	1179	591.2	44.00	1.994	56.40	30.5
	6.00	1285	528.5	44.00	2.432	61.48	35.2	1256	558.1	44.00	2.251	60.09	33.9	1218	595.7	44.00	2.045	58.27	32.2
	7.00	1327	532.7	44.00	2.491	63.48	37.2	1297	562.5	44.00	2.307	62.07	35.8	1259	600.5	44.00	2.097	60.24	34.0
	8.00	1371	537.2	44.00	2.552	65.59	39.3	1341	567.2	44.00	2.364	64.16	37.9	1302	605.6	44.00	2.150	62.29	36.0
	9.00	1407	540.9	44.00	2.602	67.34	41.2	1376	571.2	44.00	2.410	65.86	39.6	1336	609.7	44.00	2.192	63.93	37.6
APCY6425TH	5.00	1282	552.7	44.00	2.319	61.32	35.1	1252	584.3	44.00	2.143	59.90	33.7	1213	624.5	44.00	1.943	58.03	32.0
	6.00	1323	557.3	44.00	2.375	63.31	37.0	1293	589.1	44.00	2.196	61.87	35.6	1253	629.6	44.00	1.991	59.98	33.8
	7.00	1366	562.1	44.00	2.432	65.38	39.1	1336	594.0	44.00	2.249	63.92	37.6	1296	634.8	44.00	2.042	62.01	35.7
	8.00	1412	567.1	44.00	2.491	67.58	41.4	1381	599.3	44.00	2.305	66.09	39.8	1340	640.5	44.00	2.093	64.14	37.9
	9.00	1451	571.4	44.00	2.541	69.45	43.5	1419	603.8	44.00	2.351	67.90	41.8	1377	645.1	44.00	2.135	65.88	39.6
APCY6445TH	5.00	1330	571.8	48.00	2.326	63.62	37.3	1299	605.2	48.00	2.148	62.18	35.9	1260	647.9	48.00	1.945	60.28	34.1
	6.00	1373	576.5	48.00	2.383	65.72	39.5	1343	610.1	48.00	2.201	64.25	38.0	1302	653.0	48.00	1.995	62.32	36.1
	7.00	1419	581.3	48.00	2.441	67.88	41.8	1388	615.1	48.00	2.256	66.39	40.2	1347	658.3	48.00	2.046	64.44	38.2
	8.00	1467	586.4	48.00	2.502	70.19	44.3	1435	620.4	48.00	2.314	68.67	42.6	1394	664.0	48.00	2.099	66.68	40.5
	9.00	1509	590.8	48.00	2.555	72.22	46.7	1476	625.0	48.00	2.363	70.64	44.8	1433	668.8	48.00	2.144	68.57	42.5
APCY6465TH	5.00	1365	599.9	48.00	2.276	65.31	39.0	1334	635.5	48.00	2.099	63.82	37.5	1293	681.1	48.00	1.899	61.86	35.6
	6.00	1410	605.2	48.00	2.331	67.49	41.3	1379	641.0	48.00	2.151	65.97	39.7	1337	686.8	48.00	1.947	63.97	37.7
	7.00	1457	610.5	48.00	2.387	69.72	43.8	1425	646.5	48.00	2.204	68.18	42.1	1383	692.6	48.00	1.997	66.15	39.9
	8.00	1507	616.2	48.00	2.447	72.12	46.6	1474	652.4	48.00	2.260	70.54	44.7	1431	698.8	48.00	2.049	68.48	42.4
	9.00	1552	621.2	48.00	2.500	74.27	49.2	1518	657.6	48.00	2.309	72.63	47.2	1473	704.2	48.00	2.092	70.48	44.6
APCY6480TH	5.00	1451	626.3	48.00	2.318	69.43	43.5	1416	663.7	48.00	2.134	67.75	41.6	1370	711.1	48.00	1.927	65.56	39.3
	6.00	1498	631.7	48.00	2.373	71.69	46.0	1462	669.3	48.00	2.185	69.97	44.1	1416	717.0	48.00	1.975	67.73	41.6
	7.00	1547	637.1	48.00	2.429	74.02	48.9	1511	675.0	48.00	2.238	72.27	46.7	1463	723.0	48.00	2.024	70.00	44.1
	8.00	1599	642.9	48.00	2.488	76.51	52.1	1562	681.1	48.00	2.293	74.71	49.7	1513	729.4	48.00	2.075	72.39	46.9
	9.00	1644	647.8	48.00	2.538	78.65	55.0	1605	686.2	48.00	2.339	76.78	52.4	1554	734.7	48.00	2.116	74.37	49.3
APCY6495TH	5.00	1459	664.5	48.00	2.196	69.79	43.9	1422	704.6	48.00	2.019	68.04	41.9	1373	756.3	48.00	1.816	65.69	39.4
	6.00	1509	671.0	48.00	2.249	72.18	46.6	1471	711.3	48.00	2.068	70.36	44.5	1420	763.2	48.00	1.861	67.94	41.8
	7.00	1559	677.5	48.00	2.302	74.59	49.6	1520	718.0	48.00	2.117	72.72	47.3	1468	770.2	48.00	1.906	70.24	44.4
	8.00	1613	684.4	48.00	2.358	77.19	53.0	1573	725.2	48.00	2.170	75.27	50.4	1520	777.7	48.00	1.955	72.72	47.3
	9.00	1665	690.9	48.00	2.410	79.66	56.4	1622	731.8	48.00	2.217	77.63	53.6	-	-	-	-	-	-
APCY6510TH	5.00	1501	697.6	48.00	2.152	71.83	46.2	1462	740.1	48.00	1.976	69.96	44.0	1409	795.1	48.00	1.773	67.44	41.3
	6.00	1554	704.9	48.00	2.204	74.33	49.3	1513	747.5	48.00	2.024	72.37	46.9	1458	802.7	48.00	1.817	69.75	43.8
	7.00	1606	712.0	48.00	2.256	76.83	52.5	1564	754.9	48.00	2.072	74.81	49.9	1507	810.4	48.00	1.860	72.11	46.5
	8.00	1662	719.6	48.00	2.310	79.53	56.2	1618	762.8	48.00	2.122	77.44	53.3	1560	818.6	48.00	1.906	74.65	49.7
	9.00	1717	727.0	48.00	2.362	82.15	60.2	1671	770.2	48.00	2.169	79.93	56.8	-	-	-	-	-	-

Table 28

Notes:

1. Capacity ratings are based on following condition. Evaporator Water Temperature Change: 5ºC Evaporator Fouling Factor:0.0176m² K/kW.
2. Total power mentioned in this page should not be used for cable or fuse selection. Unit maximum running current given in the data pages (44 to 48) should be referred for the same.

IPLV CALCULATION - 50.Hz (IP)

Model	IPLV Calculation					
	Dry Bulb* , °F	55.0	65.0	80.0	95.0	IPLV.IP. Btu / W.h
	% Load	25%	50%	75%	100%	
APCY5080DH	Capacity, tonR	20.39	40.78	61.16	81.55	14.58
	Power, kW	16.62	32.00	52.98	85.38	
	EER, Btu / W.h	14.72	15.29	13.85	11.46	
APCY5085DH	Capacity, tonR	21.52	43.04	64.55	86.07	14.75
	Power, kW	17.37	33.39	55.21	91.20	
	EER, Btu / W.h	14.86	15.46	14.03	11.32	
APCY5090DH	Capacity, tonR	22.61	45.21	67.82	90.42	14.90
	Power, kW	18.10	34.73	57.36	97.27	
	EER, Btu / W.h	14.99	15.62	14.19	11.15	
APCY5095DH	Capacity, tonR	23.63	47.26	70.89	94.52	14.89
	Power, kW	18.90	36.33	60.03	105.4	
	EER, Btu / W.h	15.00	15.61	14.17	10.76	
APCY5105DH	Capacity, tonR	26.45	52.90	79.35	105.8	14.76
	Power, kW	21.14	40.68	68.72	109.5	
	EER, Btu / W.h	15.01	15.60	13.86	11.60	
APCY5115DH	Capacity, tonR	28.85	57.70	86.55	115.4	14.98
	Power, kW	22.80	43.56	74.05	120.5	
	EER, Btu / W.h	15.19	15.89	14.03	11.49	
APCY5125DH	Capacity, tonR	32.38	64.75	97.13	129.5	14.96
	Power, kW	25.34	49.60	82.27	133.4	
	EER, Btu / W.h	15.33	15.67	14.17	11.64	
APCY5130DH	Capacity, tonR	33.53	67.05	100.6	134.1	14.98
	Power, kW	26.22	51.29	84.98	142.3	
	EER, Btu / W.h	15.35	15.69	14.20	11.31	
APCY5140DH	Capacity, tonR	35.68	71.35	107.0	142.7	14.64
	Power, kW	27.87	55.98	93.13	145.6	
	EER, Btu / W.h	15.36	15.30	13.79	11.76	
APCY5155DH	Capacity, tonR	38.63	77.25	115.9	154.5	14.74
	Power, kW	32.43	59.26	99.57	159.4	
	EER, Btu / W.h	14.29	15.64	13.96	11.63	
APCY5165DH	Capacity, tonR	40.83	81.65	122.5	163.3	14.70
	Power, kW	34.20	62.54	106.2	171.8	
	EER, Btu / W.h	14.33	15.67	13.84	11.41	
APCY5175DH	Capacity, tonR	42.95	85.90	128.9	171.8	14.66
	Power, kW	35.90	65.71	112.6	184.3	
	EER, Btu / W.h	14.36	15.69	13.73	11.18	
APCY5185DH	Capacity, tonR	45.33	90.65	136.0	181.3	14.63
	Power, kW	38.06	69.70	118.5	200.4	
	EER, Btu / W.h	14.29	15.61	13.77	10.85	
APCY5195DH	Capacity, tonR	48.63	97.25	145.9	194.5	14.48
	Power, kW	40.99	75.11	129.7	207.5	
	EER, Btu / W.h	14.23	15.54	13.49	11.25	
APCY5210DH	Capacity, tonR	51.78	103.6	155.3	207.1	14.73
	Power, kW	42.83	78.55	136.0	225.7	
	EER, Btu / W.h	14.51	15.82	13.70	11.01	
APCY5230DH	Capacity, tonR	56.80	113.6	170.4	227.2	14.95
	Power, kW	46.20	84.82	147.2	247.2	
	EER, Btu / W.h	14.75	16.07	13.89	11.03	

Model	IPLV Calculation					
	Dry Bulb* , °F	55.0	65.0	80.0	95.0	IPLV.IP. Btu / W.h
	% Load	25%	50%	75%	100%	
APCY5250DH	Capacity, tonR	60.53	121.1	181.6	242.1	14.63
	Power, kW	51.66	92.50	158.9	257.2	
	EER, Btu / W.h	14.06	15.70	13.71	11.29	
APCY5265DH	Capacity, tonR	63.30	126.6	189.9	253.2	14.75
	Power, kW	53.35	95.79	165.1	277.0	
	EER, Btu / W.h	14.24	15.86	13.80	10.97	
APCY5285DH	Capacity, tonR	69.83	139.7	209.5	279.3	14.78
	Power, kW	59.01	106.0	180.4	292.7	
	EER, Btu / W.h	14.20	15.80	13.94	11.45	
APCY5300DH	Capacity, tonR	74.05	148.1	222.2	296.2	14.81
	Power, kW	62.73	112.8	189.7	316.4	
	EER, Btu / W.h	14.16	15.76	14.06	11.24	
APCY5325DH	Capacity, tonR	78.33	156.7	235.0	313.3	14.64
	Power, kW	65.38	121.2	203.6	330.4	
	EER, Btu / W.h	14.38	15.51	13.85	11.38	
APCY5345DH	Capacity, tonR	81.65	163.3	245.0	326.6	14.72
	Power, kW	67.24	125.2	212.2	353.8	
	EER, Btu / W.h	14.57	15.66	13.85	11.08	
APCY5365TH	Capacity, tonR	88.25	176.5	264.8	353.0	14.61
	Power, kW	74.19	136.8	229.2	379.7	
	EER, Btu / W.h	14.27	15.48	13.86	11.16	
APCY5380TH	Capacity, tonR	90.95	181.9	272.9	363.8	14.77
	Power, kW	74.37	138.5	236.8	399.6	
	EER, Btu / W.h	14.67	15.76	13.83	10.92	
APCY5395TH	Capacity, tonR	94.45	188.9	283.4	377.8	14.71
	Power, kW	78.14	144.4	246.4	409.4	
	EER, Btu / W.h	14.50	15.70	13.80	11.08	
APCY5410TH	Capacity, tonR	98.45	196.9	295.4	393.8	14.73
	Power, kW	81.69	150.8	255.1	432.8	
	EER, Btu / W.h	14.46	15.67	13.89	10.92	
APCY5425TH	Capacity, tonR	103.2	206.3	309.5	412.6	14.69
	Power, kW	85.82	159.7	265.7	446.3	
	EER, Btu / W.h	14.42	15.50	13.98	11.10	
APCY5455TH	Capacity, tonR	110.4	220.8	331.2	441.6	14.65
	Power, kW	92.07	172.5	282.8	473.7	
	EER, Btu / W.h	14.39	15.36	14.06	11.19	
APCY5475TH	Capacity, tonR	114.7	229.4	344.0	458.7	14.72
	Power, kW	94.72	178.0	293.8	482.9	
	EER, Btu / W.h	14.53	15.46	14.05	11.40	
APCY5495TH	Capacity, tonR	117.9	235.9	353.8	471.7	14.77
	Power, kW	96.53	181.9	302.2	506.2	
	EER, Btu / W.h	14.66	15.56	14.05	11.18	
APCY5520TH	Capacity, tonR	123.0	246.0	369.0	492.0	14.83
	Power, kW	99.83	188.6	315.3	532.2	
	EER, Btu / W.h	14.78	15.66	14.04	11.09	

Table 29

IPLV CALCULATION - 60.Hz (IP)

Model	IPLV Calculation					
	Dry Bulb* , °F	55.0	65.0	80.0	95.0	IPLV.IP. Btu / W.h
	% Load	25%	50%	75%	100%	
APCY6095DH	Capacity, tonR	23.25	46.51	69.76	93.01	14.75
	Power, kW	19.11	35.98	59.44	104.2	
	EER, Btu / W.h	14.60	15.51	14.08	10.71	
APCY6100DH	Capacity, tonR	25.38	50.75	76.13	101.5	14.73
	Power, kW	20.80	39.40	64.89	112.6	
	EER, Btu / W.h	14.64	15.46	14.08	10.82	
APCY6110DH	Capacity, tonR	26.75	53.50	80.25	107.0	14.71
	Power, kW	21.89	41.65	68.43	120.4	
	EER, Btu / W.h	14.67	15.41	14.07	10.66	
APCY6115DH	Capacity, tonR	28.68	57.35	86.03	114.7	14.71
	Power, kW	23.13	44.18	74.61	127.1	
	EER, Btu / W.h	14.87	15.58	13.84	10.83	
APCY6125DH	Capacity, tonR	31.83	63.65	95.48	127.3	14.86
	Power, kW	25.36	48.58	82.05	135.9	
	EER, Btu / W.h	15.06	15.72	13.96	11.24	
APCY6135DH	Capacity, tonR	34.48	68.95	103.4	137.9	14.92
	Power, kW	27.33	52.30	88.71	149.3	
	EER, Btu / W.h	15.14	15.82	13.99	11.08	
APCY6145DH	Capacity, tonR	36.90	73.80	110.7	147.6	14.97
	Power, kW	29.14	55.69	94.79	162.9	
	EER, Btu / W.h	15.20	15.90	14.01	10.87	
APCY6160DH	Capacity, tonR	41.20	82.40	123.6	164.8	14.43
	Power, kW	35.85	64.86	107.5	170.1	
	EER, Btu / W.h	13.79	15.24	13.80	11.62	
APCY6170DH	Capacity, tonR	42.73	85.45	128.2	170.9	14.74
	Power, kW	36.35	65.84	109.1	180.5	
	EER, Btu / W.h	14.10	15.57	14.10	11.36	
APCY6185DH	Capacity, tonR	45.38	90.75	136.1	181.5	14.73
	Power, kW	38.33	69.64	116.7	198.6	
	EER, Btu / W.h	14.21	15.64	14.00	10.97	
APCY6195DH	Capacity, tonR	47.88	95.75	143.6	191.5	14.84
	Power, kW	39.82	72.72	123.0	214.0	
	EER, Btu / W.h	14.43	15.80	14.02	10.74	
APCY6205DH	Capacity, tonR	50.25	100.5	150.8	201.0	14.93
	Power, kW	41.23	75.63	128.9	229.6	
	EER, Btu / W.h	14.63	15.95	14.03	10.51	
APCY6220DH	Capacity, tonR	54.05	108.1	162.2	216.2	14.58
	Power, kW	45.17	82.68	143.8	239.2	
	EER, Btu / W.h	14.36	15.69	13.53	10.85	
APCY6230DH	Capacity, tonR	56.78	113.6	170.3	227.1	14.41
	Power, kW	48.22	88.08	152.0	258.0	
	EER, Btu / W.h	14.13	15.47	13.45	10.57	
APCY6240DH	Capacity, tonR	58.80	117.6	176.4	235.2	14.41
	Power, kW	49.94	91.22	157.4	260.7	
	EER, Btu / W.h	14.13	15.47	13.45	10.83	

Model	IPLV Calculation					
	Dry Bulb* , °F	55.0	65.0	80.0	95.0	IPLV.IP. Btu / W.h
	% Load	25%	50%	75%	100%	
APCY6260DH	Capacity, tonR	63.60	127.2	190.8	254.4	14.26
	Power, kW	52.94	100.9	171.4	274.0	
	EER, Btu / W.h	14.42	15.13	13.36	11.14	
APCY6275DH	Capacity, tonR	67.38	134.8	202.1	269.5	14.50
	Power, kW	55.10	105.0	178.7	296.0	
	EER, Btu / W.h	14.67	15.41	13.57	10.93	
APCY6300DH	Capacity, tonR	73.20	146.4	219.6	292.8	14.55
	Power, kW	63.13	112.6	192.7	312.4	
	EER, Btu / W.h	13.91	15.60	13.67	11.25	
APCY6320DH	Capacity, tonR	76.60	153.2	229.8	306.4	14.68
	Power, kW	65.17	116.5	200.4	335.7	
	EER, Btu / W.h	14.11	15.78	13.76	10.95	
APCY6340DH	Capacity, tonR	82.53	165.1	247.6	330.1	14.41
	Power, kW	70.35	129.7	217.6	354.6	
	EER, Btu / W.h	14.08	15.27	13.66	11.17	
APCY6360DH	Capacity, tonR	87.43	174.9	262.3	349.7	14.46
	Power, kW	74.65	137.4	228.1	382.4	
	EER, Btu / W.h	14.05	15.27	13.80	10.97	
APCY6385DH	Capacity, tonR	92.10	184.2	276.3	368.4	14.21
	Power, kW	81.28	147.1	243.9	401.1	
	EER, Btu / W.h	13.60	15.02	13.59	11.02	
APCY6405DH	Capacity, tonR	95.85	191.7	287.6	383.4	14.32
	Power, kW	83.27	151.5	253.4	428.6	
	EER, Btu / W.h	13.81	15.18	13.62	10.73	
APCY6410TH	Capacity, tonR	100.3	200.7	301.0	401.3	14.34
	Power, kW	85.91	158.2	266.1	438.3	
	EER, Btu / W.h	14.01	15.22	13.57	10.99	
APCY6425TH	Capacity, tonR	103.5	206.9	310.4	413.8	14.44
	Power, kW	87.74	161.7	273.0	461.1	
	EER, Btu / W.h	14.15	15.35	13.64	10.77	
APCY6445TH	Capacity, tonR	107.3	214.6	321.8	429.1	14.39
	Power, kW	90.18	170.1	281.8	475.1	
	EER, Btu / W.h	14.28	15.14	13.70	10.84	
APCY6465TH	Capacity, tonR	110.3	220.6	330.9	441.2	14.48
	Power, kW	91.95	173.4	288.6	497.7	
	EER, Btu / W.h	14.39	15.26	13.76	10.64	
APCY6480TH	Capacity, tonR	117.5	234.9	352.4	469.8	14.52
	Power, kW	98.15	184.7	305.1	519.4	
	EER, Btu / W.h	14.36	15.26	13.86	10.85	
APCY6495TH	Capacity, tonR	118.9	237.8	356.7	475.6	14.55
	Power, kW	99.58	186.9	306.8	553.0	
	EER, Btu / W.h	14.33	15.27	13.95	10.32	
APCY6510TH	Capacity, tonR	122.9	245.8	368.7	491.6	14.58
	Power, kW	103.1	193.2	315.3	581.2	
	EER, Btu / W.h	14.30	15.27	14.03	10.15	

Table 30

IPLV CALCULATION - 50.Hz (SI)

Model	IPLV Calculation					
	Dry Bulb* , °C	13.0	19.0	27.0	35.0	IPLV.SI W/W
	% Load	25%	50%	75%	100%	
APCY5080DH	Capacity, kW	72.00	144.0	216.0	288.0	4.273
	Power, kW	16.69	32.13	53.20	85.48	
	COP, W/W	4.315	4.481	4.060	3.369	
APCY5085DH	Capacity, kW	75.95	151.9	227.9	303.8	4.323
	Power, kW	17.43	33.51	55.41	91.30	
	COP, W/W	4.356	4.532	4.112	3.327	
APCY5090DH	Capacity, kW	79.73	159.5	239.2	318.9	4.367
	Power, kW	18.15	34.83	57.52	97.36	
	COP, W/W	4.393	4.578	4.158	3.275	
APCY5095DH	Capacity, kW	83.28	166.6	249.8	333.1	4.363
	Power, kW	18.94	36.40	60.15	105.4	
	COP, W/W	4.400	4.580	4.150	3.158	
APCY5105DH	Capacity, kW	93.55	187.1	280.7	374.2	4.326
	Power, kW	21.26	40.91	69.11	109.6	
	COP, W/W	4.400	4.573	4.061	3.412	
APCY5115DH	Capacity, kW	101.9	203.9	305.8	407.7	4.391
	Power, kW	22.90	43.76	74.39	120.7	
	COP, W/W	4.450	4.658	4.111	3.377	
APCY5125DH	Capacity, kW	114.4	228.8	343.1	457.5	4.383
	Power, kW	25.46	49.82	82.64	133.6	
	COP, W/W	4.493	4.591	4.152	3.423	
APCY5130DH	Capacity, kW	118.5	236.9	355.4	473.8	4.390
	Power, kW	26.34	51.53	85.37	142.5	
	COP, W/W	4.498	4.597	4.163	3.323	
APCY5140DH	Capacity, kW	126.0	252.0	377.9	503.9	4.290
	Power, kW	27.98	56.20	93.51	145.8	
	COP, W/W	4.502	4.483	4.042	3.455	
APCY5155DH	Capacity, kW	136.9	273.8	410.6	547.5	4.319
	Power, kW	32.68	59.71	100.3	159.7	
	COP, W/W	4.189	4.585	4.093	3.427	
APCY5165DH	Capacity, kW	144.5	289.1	433.6	578.1	4.308
	Power, kW	34.42	62.95	106.9	172.1	
	COP, W/W	4.199	4.592	4.057	3.358	
APCY5175DH	Capacity, kW	152.0	304.0	456.0	608.0	4.297
	Power, kW	36.12	66.12	113.3	184.6	
	COP, W/W	4.208	4.598	4.025	3.292	
APCY5185DH	Capacity, kW	160.3	320.7	481.0	641.3	4.288
	Power, kW	38.28	70.10	119.2	200.8	
	COP, W/W	4.189	4.574	4.036	3.193	
APCY5195DH	Capacity, kW	171.8	343.7	515.5	687.3	4.244
	Power, kW	41.19	75.47	130.4	207.8	
	COP, W/W	4.172	4.554	3.954	3.307	
APCY5210DH	Capacity, kW	182.9	365.8	548.6	731.5	4.316
	Power, kW	43.01	78.88	136.6	226.0	
	COP, W/W	4.252	4.637	4.017	3.236	
APCY5230DH	Capacity, kW	200.9	401.8	602.6	803.5	4.381
	Power, kW	46.46	85.29	148.0	247.6	
	COP, W/W	4.323	4.711	4.072	3.245	

Model	IPLV Calculation					
	Dry Bulb* , °C	13.0	19.0	27.0	35.0	IPLV.SI W/W
	% Load	25%	50%	75%	100%	
APCY5250DH	Capacity, kW	213.9	427.8	641.7	855.6	4.287
	Power, kW	51.91	92.95	159.7	257.5	
	COP, W/W	4.121	4.602	4.019	3.322	
APCY5265DH	Capacity, kW	223.7	447.5	671.2	894.9	4.323
	Power, kW	53.61	96.3	166.0	277.4	
	COP, W/W	4.173	4.648	4.044	3.225	
APCY5285DH	Capacity, kW	246.8	493.6	740.4	987.2	4.333
	Power, kW	59.31	106.6	181.3	293.1	
	COP, W/W	4.161	4.632	4.084	3.367	
APCY5300DH	Capacity, kW	261.5	523.0	784.5	1046	4.340
	Power, kW	62.99	113.2	190.4	316.8	
	COP, W/W	4.151	4.618	4.120	3.304	
APCY5325DH	Capacity, kW	276.8	553.5	830.3	1107	4.289
	Power, kW	65.69	121.7	204.6	330.8	
	COP, W/W	4.213	4.547	4.058	3.346	
APCY5345DH	Capacity, kW	288.3	576.5	864.8	1153	4.315
	Power, kW	67.50	125.6	213.0	354.2	
	COP, W/W	4.270	4.588	4.060	3.257	
APCY5365TH	Capacity, kW	311.5	623.0	934.5	1246	4.282
	Power, kW	74.46	137.3	230.1	380.1	
	COP, W/W	4.183	4.537	4.062	3.278	
APCY5380TH	Capacity, kW	321.0	642.0	963.0	1284	4.329
	Power, kW	74.64	139.0	237.6	400.1	
	COP, W/W	4.301	4.618	4.053	3.209	
APCY5395TH	Capacity, kW	333.3	666.5	1000	1333	4.312
	Power, kW	78.40	144.8	247.2	409.7	
	COP, W/W	4.251	4.601	4.044	3.253	
APCY5410TH	Capacity, kW	347.0	694.0	1041	1388	4.318
	Power, kW	81.87	151.1	255.7	433.1	
	COP, W/W	4.238	4.593	4.072	3.206	
APCY5425TH	Capacity, kW	363.5	727.0	1091	1454	4.305
	Power, kW	85.99	160.0	266.2	446.5	
	COP, W/W	4.227	4.544	4.097	3.257	
APCY5455TH	Capacity, kW	390.0	780.0	1170	1560	4.295
	Power, kW	92.48	173.3	284.0	474.4	
	COP, W/W	4.217	4.501	4.120	3.289	
APCY5475TH	Capacity, kW	405.0	810.0	1215	1620	4.313
	Power, kW	95.12	178.7	295.0	483.5	
	COP, W/W	4.258	4.532	4.118	3.351	
APCY5495TH	Capacity, kW	416.5	833.0	1250	1666	4.330
	Power, kW	96.94	182.6	303.5	506.8	
	COP, W/W	4.296	4.561	4.117	3.287	
APCY5520TH	Capacity, kW	434.5	869.0	1304	1738	4.346
	Power, kW	100.3	189.4	316.7	532.9	
	COP, W/W	4.333	4.588	4.116	3.262	

Table 31

IPLV CALCULATION - 60.Hz (SI)

Model	IPLV Calculation					
	Dry Bulb* , °C	13.0	19.0	27.0	35.0	IPLV.SI W/W
	% Load	25%	50%	75%	100%	
APCY6095DH	Capacity, kW	81.98	164.0	245.9	327.9	4.324
	Power, kW	19.15	36.07	59.58	104.2	
	COP, W/W	4.280	4.546	4.128	3.145	
APCY6100DH	Capacity, kW	89.73	179.5	269.2	358.9	4.318
	Power, kW	20.92	39.61	65.24	112.7	
	COP, W/W	4.290	4.531	4.126	3.183	
APCY6110DH	Capacity, kW	94.55	189.1	283.7	378.2	4.312
	Power, kW	22.00	41.86	68.77	120.6	
	COP, W/W	4.298	4.517	4.124	3.135	
APCY6115DH	Capacity, kW	101.3	202.7	304.0	405.3	4.312
	Power, kW	23.24	44.39	74.96	127.2	
	COP, W/W	4.359	4.565	4.055	3.185	
APCY6125DH	Capacity, kW	112.5	224.9	337.4	449.8	4.355
	Power, kW	25.47	48.81	82.43	136.1	
	COP, W/W	4.414	4.608	4.092	3.305	
APCY6135DH	Capacity, kW	121.8	243.6	365.3	487.1	4.374
	Power, kW	27.45	52.53	89.09	149.5	
	COP, W/W	4.436	4.636	4.100	3.256	
APCY6145DH	Capacity, kW	130.2	260.5	390.7	520.9	4.389
	Power, kW	29.24	55.89	95.12	163.1	
	COP, W/W	4.454	4.660	4.107	3.194	
APCY6160DH	Capacity, kW	146.0	291.9	437.9	583.8	4.228
	Power, kW	36.11	65.33	108.3	170.5	
	COP, W/W	4.042	4.468	4.044	3.423	
APCY6170DH	Capacity, kW	151.3	302.6	453.9	605.2	4.319
	Power, kW	36.60	66.29	109.9	180.9	
	COP, W/W	4.134	4.565	4.132	3.346	
APCY6185DH	Capacity, kW	160.6	321.1	481.7	642.2	4.318
	Power, kW	38.56	70.06	117.4	198.9	
	COP, W/W	4.164	4.583	4.103	3.228	
APCY6195DH	Capacity, kW	169.2	338.5	507.7	676.9	4.348
	Power, kW	40.02	73.09	123.6	214.3	
	COP, W/W	4.228	4.631	4.108	3.158	
APCY6205DH	Capacity, kW	177.6	355.1	532.7	710.2	4.375
	Power, kW	41.42	75.98	129.5	229.9	
	COP, W/W	4.287	4.673	4.112	3.089	
APCY6220DH	Capacity, kW	190.8	381.7	572.5	763.3	4.272
	Power, kW	45.34	83.00	144.3	239.5	
	COP, W/W	4.208	4.598	3.966	3.187	
APCY6230DH	Capacity, kW	200.4	400.7	601.1	801.4	4.224
	Power, kW	48.38	88.38	152.5	258.2	
	COP, W/W	4.141	4.534	3.942	3.103	
APCY6240DH	Capacity, kW	207.9	415.7	623.6	831.4	4.225
	Power, kW	50.19	91.68	158.2	261.1	
	COP, W/W	4.141	4.534	3.942	3.184	

Model	IPLV Calculation					
	Dry Bulb* , °C	13.0	19.0	27.0	35.0	IPLV.SI W/W
	% Load	25%	50%	75%	100%	
APCY6260DH	Capacity, kW	224.7	449.4	674.1	898.8	4.180
	Power, kW	53.18	101.3	172.1	274.3	
	COP, W/W	4.225	4.435	3.916	3.276	
APCY6275DH	Capacity, kW	238.1	476.1	714.2	952.2	4.251
	Power, kW	55.35	105.4	179.5	296.4	
	COP, W/W	4.301	4.515	3.979	3.212	
APCY6300DH	Capacity, kW	258.5	517.0	775.5	1034	4.263
	Power, kW	63.39	113.1	193.5	312.8	
	COP, W/W	4.078	4.573	4.007	3.308	
APCY6320DH	Capacity, kW	270.5	541.0	811.5	1082	4.303
	Power, kW	65.43	117.0	201.2	336.2	
	COP, W/W	4.134	4.625	4.033	3.220	
APCY6340DH	Capacity, kW	291.5	583.0	874.5	1166	4.222
	Power, kW	70.65	130.3	218.5	355.1	
	COP, W/W	4.126	4.474	4.002	3.284	
APCY6360DH	Capacity, kW	308.5	617.0	925.5	1234	4.238
	Power, kW	74.90	137.9	228.9	382.8	
	COP, W/W	4.119	4.474	4.043	3.225	
APCY6385DH	Capacity, kW	325.0	650.0	975.0	1300	4.165
	Power, kW	81.55	147.6	244.7	401.5	
	COP, W/W	3.985	4.403	3.984	3.239	
APCY6405DH	Capacity, kW	338.0	676.0	1014	1352	4.196
	Power, kW	83.49	151.9	254.1	429.0	
	COP, W/W	4.049	4.449	3.991	3.153	
APCY6410TH	Capacity, kW	353.5	707.0	1061	1414	4.203
	Power, kW	86.07	158.5	266.6	438.6	
	COP, W/W	4.107	4.460	3.979	3.226	
APCY6425TH	Capacity, kW	364.5	729.0	1094	1458	4.233
	Power, kW	87.90	162.0	273.5	461.4	
	COP, W/W	4.147	4.500	3.998	3.160	
APCY6445TH	Capacity, kW	377.8	755.5	1133	1511	4.217
	Power, kW	90.29	170.3	282.2	475.3	
	COP, W/W	4.184	4.436	4.016	3.180	
APCY6465TH	Capacity, kW	388.3	776.5	1165	1553	4.244
	Power, kW	92.03	173.6	288.8	497.8	
	COP, W/W	4.219	4.474	4.033	3.120	
APCY6480TH	Capacity, kW	413.8	827.5	1241	1655	4.255
	Power, kW	98.31	185.0	305.6	519.6	
	COP, W/W	4.209	4.474	4.062	3.185	
APCY6495TH	Capacity, kW	418.0	836.0	1254	1672	4.265
	Power, kW	99.54	186.9	306.7	553.0	
	COP, W/W	4.199	4.474	4.088	3.024	
APCY6510TH	Capacity, kW	431.8	863.5	1295	1727	4.273
	Power, kW	103.0	193.0	314.9	581.0	
	COP, W/W	4.191	4.474	4.113	2.973	

Table 32

Capacity Correction & Limits

Evaporator Chiller Limits of Operation

Maximum LWT : 50°F (10°C)
Maximum EWT : 76°F (24.4°C)*
Minimum LWT : 40°F (4.4°C)

For Lower LCWT ethylene glycol solution to be used, consult SKM.
(**For short periods.)*

Range & Flow Limits

Range limit 6.00°F - 16.20°F (3.33°C - 9.00°C) except where limited by water flow rate limits for evaporator. For minimum & maximum water flow rate refer to page 42.

Working & Test Pressures

Evaporator Pressure		Refrigerant	Water
Maximum Working Pressure	psig	239.3	145
	kPa	1650	1000
Test Pressure	psig	334.3	207.4
	kPa	2305	1430

Table 31

Condenser Pressure		Refrigerant
Maximum Working Pressure	psig	350
	kPa	2413
Test Pressure	psig	525
	kPa	3620

Table 32

Cooler Fouling Factors

The units are rated at 0.000100 h $ft^{2.0}$F/Btu (0.0176m^2 K/kW). Other than this fouling factor use SKM Air Cooled Chiller Selection Software to determine the unit performance.

An increase in the fouling factor, results in decrease in the unit capacity and efficiency.

Altitude Correction Factor

The units ratings are based on sea level. Above sea level apply the following correction factors:

Altitude		Capacity Multiplier	Power Multiplier
Feet	Meters		
0.000	0.000	1	1
2000	610	0.99	1.01
4000	1219	0.98	1.02
6000	1829	0.97	1.03
8000	2438	0.96	1.04
10000	3048	0.95	1.05

Table 33

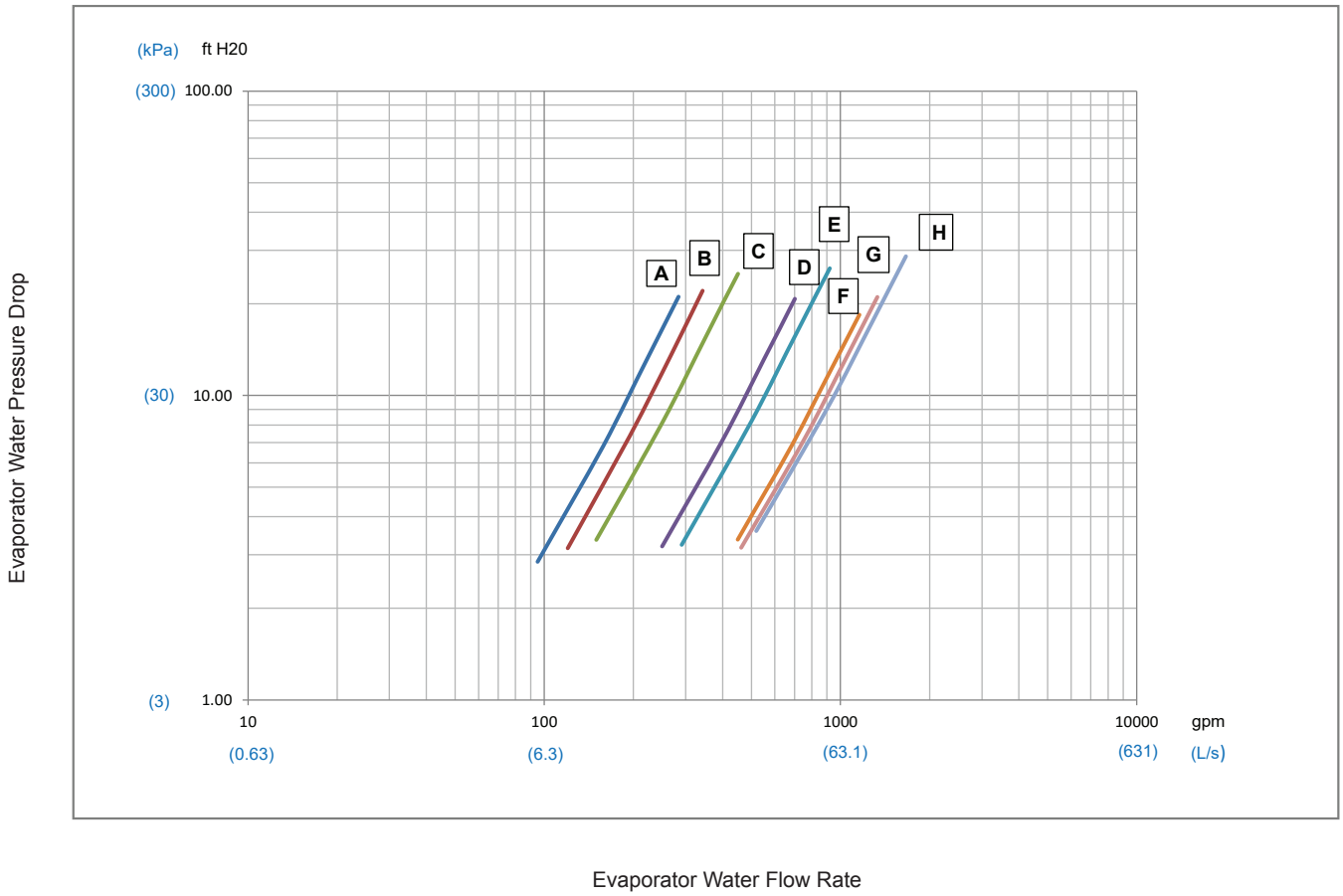
Range Correction Factors

Capacity ratings based on 10°F (IP) and 5°C (SI) chilled water range. For other than this range please use correction factor below.

Range		Capacity Multiplier	Power Multiplier
°F (IP)	°C (SI)		
8.00	3.90	0.995	0.998
10.00	5.00	1	1
12.00	6.10	1.005	1.002
14.00	7.20	1.01	1.004
16.00	8.30	1.015	1.006

Table 34

Evaporator Water Pressure Drop



Evaporator Water Pressure Drop

Graph	Models	Water Flow Rate			
		Minimum		Maximum	
		gpm	L/s	gpm	L/s
A	APCY5080DH, APCY5085DH, APCY5090DH, APCY5095DH, APCY6095DH	95.00	5.990	284.0	17.92
B	APCY5105DH, APCY5115DH, APCY6100DH, APCY6110DH, APCY6115DH	120.0	7.570	342.0	21.58
C	APCY5125DH, APCY5130DH, APCY5140DH, APCY6125DH, APCY6135DH, APCY6145DH	150.0	9.460	451.0	28.45
D	APCY5155DH, APCY5165DH, APCY5175DH, APCY5185DH, APCY5195DH, APCY5210DH, APCY6160DH, APCY6170DH, APCY6185DH, APCY6195DH, APCY6205DH, APCY6220DH, APCY6230DH	250.0	15.77	701.0	44.23
E	APCY5230DH, APCY5250DH, APCY5265DH, APCY6240DH, APCY6260DH,APCY6275DH	291.0	18.36	919.0	57.98
F	APCY5285DH, APCY5300DH, APCY5325DH, APCY5345DH, APCY6300DH, APCY6320DH, APCY6340DH, APCY6360DH, APCY6385DH, APCY6405DH	450.0	28.39	1157	73.00
G	APCY5365TH, APCY5380TH, APCY5395TH, APCY5410TH, APCY5425TH, APCY6410TH, APCY6425TH, APCY6445TH, APCY6465TH, APCY6480TH, APCY6495TH, APCY6510TH	462.0	29.15	1332	84.04
H	APCY5455TH, APCY5475TH, APCY5495TH	520.0	32.81	1663	104.9
	APCY5520TH	640.0	40.38	1663	104.9

Table 35

Selection Procedure

SKM Chillers should be selected with specific Design Considerations, requirements and parameters of the intended application. Care and good engineering should lead to an efficient and cost effective selection. Sample procedures are shown below:

Example 1: (IP System)

Select an Air Cooled Package Chiller giving a capacity of 100.0 tonR to cool water from 54ºF to 44ºF at 2000 ft. altitude, 0.000100 fouling factor, power supply 415V/3Ph/50.Hz and 115ºF ambient Temperature.

Selection:

Apply the following factors to convert the required capacity to tabulated capacity ratings.

	Capacity Multiplier
Altitude	0.99

$$\text{Tabulated rated capacity} = \frac{100.0}{0.99}$$

$$= 101.0 \text{ tonR}$$

Refer to capacity rating 50.Hz under 115ºF condenser entering air temperature and select a chiller giving a capacity nearest larger to 101.0 tonR at 44ºF LWT. Select model APCY5115DH giving a capacity of 102.5 tonR.

Apply correction factors to the selected unit to find actual capacity.

$$\text{Capacity} = 102.5 \times 0.99$$
$$= 101.5 \text{ tonR}$$

Calculation of Water Flow Rate (WFR)

To calculate the water flow rate to be circulated, use the following:

$$\text{WFR (US gpm)} = \frac{\text{C.CAP (tonR)} \times 24}{\text{Range (ºF)}}$$

$$= \frac{101.5 \times 24}{10} = 243.6 \text{ gpm}$$

Example 2: (SI System)

Select an Air Cooled Package Chiller giving a capacity of 610 .0kW of refrigeration to cool water from 12ºC to 7ºC at 600 m altitude, 0.0176 fouling factor, power supply 380V/3Ph/60.Hz and 38ºC ambient Temperature.

Selection:

Apply the following factors to convert the required capacity to tabulated capacity ratings.

	Capacity Multiplier
Altitude	0.99

$$\text{Tabulated rated capacity} = \frac{610.0}{0.99}$$

$$= 616.2 \text{ kW}$$

Refer to capacity rating 60.Hz under 38ºC condenser entering air temperature and select a chiller giving a capacity nearest larger to 616.2 kW at 7ºC LWT. Select model APCY6185DH giving a capacity of 629.5 kW.

Apply correction factors to the selected unit to find actual capacity and P I.

$$\text{Capacity} = 629.5 \times 0.99$$
$$= 623.2 \text{ kW}$$

Calculation of Water Flow Rate (WFR)

To calculate the water flow rate to be circulated, use the following:

$$\text{WFR (L/s)} = \frac{\text{C.CAP (kW)} \times 0.239}{\text{Range (ºC)}}$$

$$= \frac{623.2 \times 0.239}{5} = 29.79 \text{ L/s}$$

For more details refer to other specifications and dimensional drawings for the selected model.

ELECTRICAL DATA

Power Supply 380V / 3Ph / 50.Hz

MODEL	Unit Characteristic					Compressor			Condenser Fan Motor		
	Wire Sizing Current	Maximum Instantaneous Current	Running Current at T1 Condition	Running Current at T3 Condition	Maximum Running Current	Quantity	Maximum Running Current	Starting Current	Quantity	Full Load Current	Starting Current
APCY5080DH	265	317	155	188	239	2	107	173	6	3.96	16.5
APCY5085DH	288	351	165	203	257	1 + 1	125 + 107	207 + 173	6	3.96	16.5
APCY5090DH	306	369	175	218	275	2	125	207	6	3.96	16.5
APCY5095DH	330	417	189	236	294	1 + 1	144 + 125	255 + 207	6	3.96	16.5
APCY5105DH	357	444	199	246	321	2	144	255	8	3.96	16.5
APCY5115DH	385	489	220	267	343	1 + 1	167 + 144	300 + 255	8	3.96	16.5
APCY5125DH	408	512	244	291	366	2	167	300	8	3.96	16.5
APCY5130DH	427	532	256	306	381	1 + 1	182 + 167	320 + 300	8	3.96	16.5
APCY5140DH	450	555	261	314	404	2	182	320	10	3.96	16.5
APCY5155DH	481	622	291	355	432	2	196	373	10	3.96	16.5
APCY5165DH	524	647	310	380	466	1 + 1	230 + 196	398 + 373	10	3.96	16.5
APCY5175DH	558	681	330	407	500	2	230	398	10	3.96	16.5
APCY5185DH	592	730	357	442	528	1 + 1	258 + 230	447 + 398	10	3.96	16.5
APCY5195DH	628	765	372	457	563	2	258	447	12	3.96	16.5
APCY5210DH	671	801	405	499	598	1 + 1	292 + 258	483 + 447	12	3.96	16.5
APCY5230DH	706	836	444	546	633	2	292	483	12	3.96	16.5
APCY5250DH	767	911	462	570	683	1 + 1	335 + 292	550 + 483	14	3.96	16.5
APCY5265DH	809	953	494	614	726	2	335	550	14	3.96	16.5
APCY5285DH	877	969	530	651	781	1 + 1	382 + 335	558 + 550	16	3.96	16.5
APCY5300DH	924	1017	577	705	828	2	382	558	16	3.96	16.5
APCY5325DH	978	1130	600	732	873	1 + 1	419 + 382	663 + 558	18	3.96	16.5
APCY5345DH	1014	1166	635	776	910	2	419	663	18	3.96	16.5
APCY5365TH	1083	1227	682	842	999	1 + 2	335 + 292	550 + 483	20	3.96	16.5
APCY5380TH	1126	1269	714	885	1042	2 + 1	335 + 292	550 + 483	20	3.96	16.5
APCY5395TH	1176	1320	731	908	1092	3	335	550	22	3.96	16.5
APCY5410TH	1235	1328	778	962	1140	1 + 2	382 + 335	558 + 550	22	3.96	16.5
APCY5425TH	1291	1383	812	995	1195	2 + 1	382 + 335	558 + 550	24	3.96	16.5
APCY5455TH	1338	1431	865	1055	1242	3	382	558	24	3.96	16.5
APCY5475TH	1384	1536	876	1071	1279	1 + 2	419 + 382	663 + 558	24	3.96	16.5
APCY5495TH	1420	1572	911	1115	1316	2 + 1	419 + 382	663 + 558	24	3.96	16.5
APCY5520TH	1457	1609	950	1164	1352	3	419	663	24	3.96	16.5

Table 36

Notes:

1. Above data is subjected to change without further notice. Refer Unit nameplate for the Actual data.
2. Circuit breaker and Cable should be selected based on Unit Maximum Running Current.
3. T1 condition Running Current refers to the following condition: Ambient: 95°F, Entering Water: 54°F, Leaving Water: 44°F
4. T3 Condition Running Current refers to the following condition: Ambient: 115°F, Entering Water: 54°F, Leaving Water: 44°F
5. Wire sizing current refers to 125% of Biggest compressor Maximum Running Current + Maximum Running Current of all other compressors + full load current of all the condenser fans.

ELECTRICAL DATA

Power Supply 400V / 3Ph / 50.Hz

MODEL	Unit Characteristic					Compressor			Condenser Fan Motor		
	Wire Sizing Current	Maximum Instantaneous Current	Running Current at T1 Condition	Running Current at T3 Condition	Maximum Running Current	Quantity	Maximum Running Current	Starting Current	Quantity	Full Load Current	Starting Current
APCY5080DH	253	321	148	180	228	2	102	182	6	3.96	16.5
APCY5085DH	275	357	158	194	245	1 + 1	119 + 102	218 + 182	6	3.96	16.5
APCY5090DH	292	374	168	208	262	2	119	218	6	3.96	16.5
APCY5095DH	315	424	181	225	280	1 + 1	137 + 119	268 + 218	6	3.96	16.5
APCY5105DH	340	450	191	235	306	2	137	268	8	3.96	16.5
APCY5115DH	372	499	213	258	331	1 + 1	162 + 137	317 + 268	8	3.96	16.5
APCY5125DH	397	524	238	283	357	2	162	317	8	3.96	16.5
APCY5130DH	415	544	250	298	371	1 + 1	177 + 162	337 + 317	8	3.96	16.5
APCY5140DH	438	566	255	306	393	2	177	337	10	3.96	16.5
APCY5155DH	469	636	284	346	421	2	191	393	10	3.96	16.5
APCY5165DH	504	663	299	366	449	1 + 1	219 + 191	420 + 393	10	3.96	16.5
APCY5175DH	532	691	315	389	477	2	219	420	10	3.96	16.5
APCY5185DH	572	741	345	426	509	1 + 1	250 + 219	470 + 420	10	3.96	16.5
APCY5195DH	611	781	362	446	549	2	250	470	12	3.96	16.5
APCY5210DH	653	819	395	486	582	1 + 1	284 + 250	508 + 470	12	3.96	16.5
APCY5230DH	687	853	433	532	616	2	284	508	12	3.96	16.5
APCY5250DH	747	930	450	556	665	1 + 1	326 + 284	578 + 508	14	3.96	16.5
APCY5265DH	788	972	481	598	707	2	326	578	14	3.96	16.5
APCY5285DH	854	990	517	634	761	1 + 1	372 + 326	588 + 578	16	3.96	16.5
APCY5300DH	900	1036	563	687	807	2	372	588	16	3.96	16.5
APCY5325DH	952	1154	585	713	850	1 + 1	407 + 372	698 + 588	18	3.96	16.5
APCY5345DH	988	1189	619	756	886	2	407	698	18	3.96	16.5
APCY5365TH	1055	1238	665	821	973	1 + 2	326 + 284	578 + 508	20	3.96	16.5
APCY5380TH	1096	1280	696	862	1015	2 + 1	326 + 284	578 + 508	20	3.96	16.5
APCY5395TH	1145	1329	713	884	1064	3	326	578	22	3.96	16.5
APCY5410TH	1203	1339	759	937	1110	1 + 2	372 + 326	588 + 578	22	3.96	16.5
APCY5425TH	1257	1393	792	970	1164	2 + 1	372 + 326	588 + 578	24	3.96	16.5
APCY5455TH	1303	1439	844	1029	1210	3	372	588	24	3.96	16.5
APCY5475TH	1347	1549	855	1044	1246	1 + 2	407 + 372	698 + 588	24	3.96	16.5
APCY5495TH	1383	1585	888	1086	1281	2 + 1	407 + 372	698 + 588	24	3.96	16.5
APCY5520TH	1418	1620	926	1134	1317	3	407	698	24	3.96	16.5

Table 39

Notes:

1. Above data is subjected to change without further notice. Refer Unit nameplate for the Actual data.
2. Circuit breaker and Cable should be selected based on Unit Maximum Running Current.
3. T1 condition Running Current refers to the following condition: Ambient: 95°F, Entering Water: 54°F, Leaving Water: 44°F
4. T3 Condition Running Current refers to the following condition: Ambient: 115°F, Entering Water: 54°F, Leaving Water: 44°F
5. Wire sizing current refers to 125% of Biggest compressor Maximum Running Current + Maximum Running Current of all other compressors + full load current of all the condenser fans.

ELECTRICAL DATA

Power Supply 415V / 3Ph / 50.Hz

MODEL	Unit Characteristic					Compressor			Condenser Fan Motor		
	Wire Sizing Current	Maximum Instantaneous Current	Running Current at T1 Condition	Running Current at T3 Condition	Maximum Running Current	Quantity	Maximum Running Current	Starting Current	Quantity	Full Load Current	Starting Current
APCY5080DH	245	302	144	174	220	2	98	167	6	3.96	16.5
APCY5085DH	266	327	153	188	237	1 + 1	115 + 98	192 + 167	6	3.96	16.5
APCY5090DH	282	343	162	202	254	2	115	192	6	3.96	16.5
APCY5095DH	304	396	175	218	271	1 + 1	132 + 115	245 + 192	6	3.96	16.5
APCY5105DH	329	422	185	228	296	2	132	245	8	3.96	16.5
APCY5115DH	356	452	204	247	317	1 + 1	153 + 132	275 + 245	8	3.96	16.5
APCY5125DH	376	473	226	269	338	2	153	275	8	3.96	16.5
APCY5130DH	393	491	237	283	352	1 + 1	167 + 153	293 + 275	8	3.96	16.5
APCY5140DH	415	512	243	291	373	2	167	293	10	3.96	16.5
APCY5155DH	444	555	270	329	399	2	180	323	10	3.96	16.5
APCY5165DH	483	622	287	351	430	1 + 1	211 + 180	390 + 323	10	3.96	16.5
APCY5175DH	514	653	305	376	462	2	211	390	10	3.96	16.5
APCY5185DH	546	695	330	408	487	1 + 1	236 + 211	432 + 390	10	3.96	16.5
APCY5195DH	579	729	344	423	520	2	236	432	12	3.96	16.5
APCY5210DH	619	747	375	461	552	1 + 1	268 + 236	450 + 432	12	3.96	16.5
APCY5230DH	650	778	411	504	583	2	268	450	12	3.96	16.5
APCY5250DH	707	838	428	527	630	1 + 1	307 + 268	502 + 450	14	3.96	16.5
APCY5265DH	746	877	457	567	669	2	307	502	14	3.96	16.5
APCY5285DH	808	888	491	601	721	1 + 1	350 + 307	505 + 502	16	3.96	16.5
APCY5300DH	851	931	534	651	764	2	350	505	16	3.96	16.5
APCY5325DH	901	1057	556	676	805	1 + 1	384 + 350	623 + 505	18	3.96	16.5
APCY5345DH	935	1091	587	717	839	2	384	623	18	3.96	16.5
APCY5365TH	998	1129	631	778	922	1 + 2	307 + 268	502 + 450	20	3.96	16.5
APCY5380TH	1037	1169	660	817	961	2 + 1	307 + 268	502 + 450	20	3.96	16.5
APCY5395TH	1084	1216	677	839	1008	3	307	502	22	3.96	16.5
APCY5410TH	1139	1219	720	888	1051	1 + 2	350 + 307	505 + 502	22	3.96	16.5
APCY5425TH	1190	1270	751	919	1102	2 + 1	350 + 307	505 + 502	24	3.96	16.5
APCY5455TH	1233	1313	800	975	1146	3	350	505	24	3.96	16.5
APCY5475TH	1275	1431	810	989	1179	1 + 2	384 + 350	623 + 505	24	3.96	16.5
APCY5495TH	1308	1465	842	1029	1213	2 + 1	384 + 350	623 + 505	24	3.96	16.5
APCY5520TH	1342	1498	878	1074	1246	3	384	623	24	3.96	16.5

Table 40

Notes:

1. Above data is subjected to change without further notice. Refer Unit nameplate for the Actual data.
2. Circuit breaker and Cable should be selected based on Unit Maximum Running Current.
3. T1 condition Running Current refers to the following condition: Ambient: 95°F, Entering Water: 54°F, Leaving Water: 44°F
4. T3 Condition Running Current refers to the following condition: Ambient: 115°F, Entering Water: 54°F, Leaving Water: 44°F
5. Wire sizing current refers to 125% of Biggest compressor Maximum Running Current + Maximum Running Current of all other compressors + full load current of all the condenser fans.

ELECTRICAL DATA

Power Supply 380~400V / 3Ph / 60.Hz

MODEL	Unit Characteristic					Compressor			Condenser Fan Motor		
	Wire Sizing Current	Maximum Instantaneous Current	Running Current at T1 Condition	Running Current at T3 Condition	Maximum Running Current	Quantity	Maximum Running Current	Starting Current	Quantity	Full Load Current	Starting Current
APCY6095DH	311	374	182	221	279	2	128	208	6	3.9	19.0
APCY6100DH	338	418	196	240	300	1 + 1	149 + 128	252 + 208	6	3.9	19.0
APCY6110DH	359	440	209	260	322	2	149	252	6	3.9	19.0
APCY6115DH	391	500	221	274	348	1 + 1	172 + 149	308 + 252	7	3.9	19.0
APCY6125DH	418	526	237	293	375	2	172	308	8	3.9	19.0
APCY6135DH	448	566	261	316	399	1 + 1	196 + 172	348 + 308	8	3.9	19.0
APCY6145DH	472	590	284	339	423	2	196	348	8	3.9	19.0
APCY6160DH	506	628	294	353	452	1 + 1	217 + 196	378 + 348	10	3.9	19.0
APCY6170DH	527	649	309	372	473	2	217	378	10	3.9	19.0
APCY6185DH	575	751	343	423	516	2	238	458	10	3.9	19.0
APCY6195DH	624	791	370	458	554	1 + 1	277 + 238	498 + 458	10	3.9	19.0
APCY6205DH	663	829	398	495	593	2	277	498	10	3.9	19.0
APCY6220DH	715	891	414	513	637	1 + 1	313 + 277	552 + 498	12	3.9	19.0
APCY6230DH	750	927	444	554	672	2	313	552	12	3.9	19.0
APCY6240DH	750	927	449	560	672	2	313	552	12	3.9	19.0
APCY6260DH	806	983	476	588	718	1 + 1	351 + 313	600 + 552	14	3.9	19.0
APCY6275DH	844	1021	518	634	756	2	351	600	14	3.9	19.0
APCY6300DH	917	1051	543	672	816	1 + 1	403 + 351	622 + 600	16	3.9	19.0
APCY6320DH	969	1102	580	724	868	2	403	622	16	3.9	19.0
APCY6340DH	1034	1163	618	768	922	1 + 1	449 + 403	675 + 622	18	3.9	19.0
APCY6360DH	1080	1209	670	833	968	2	449	675	18	3.9	19.0
APCY6385DH	1164	1312	699	862	1037	1 + 1	510 + 449	770 + 675	20	3.9	19.0
APCY6405DH	1225	1373	742	911	1097	2	510	770	20	3.9	19.0
APCY6410TH	1226	1403	767	941	1138	3	351	600	22	3.9	19.0
APCY6425TH	1291	1425	803	992	1190	1 + 2	403 + 351	622 + 600	22	3.9	19.0
APCY6445TH	1350	1484	824	1024	1250	2 + 1	403 + 351	622 + 600	24	3.9	19.0
APCY6465TH	1402	1536	859	1075	1302	3	403	622	24	3.9	19.0
APCY6480TH	1460	1589	911	1140	1348	1 + 2	449 + 403	675 + 622	24	3.9	19.0
APCY6495TH	1506	1635	963	1206	1394	2 + 1	449 + 403	675 + 622	24	3.9	19.0
APCY6510TH	1552	1681	1015	1376	1440	3	449	675	24	3.9	19.0

Table 41

Notes:

1. Above data is subjected to change without further notice. Refer Unit nameplate for the Actual data.
2. Circuit breaker and Cable should be selected based on Unit Maximum Running Current.
3. T1 condition Running Current refers to the following condition: Ambient: 95°F, Entering Water: 54°F, Leaving Water: 44°F
4. T3 Condition Running Current refers to the following condition: Ambient: 115°F, Entering Water: 54°F, Leaving Water: 44°F
5. Wire sizing current refers to 125% of Biggest compressor Maximum Running Current + Maximum Running Current of all other compressors + full load current of all the condenser fans.

ELECTRICAL DATA

Power Supply 460V / 3Ph / 60.Hz

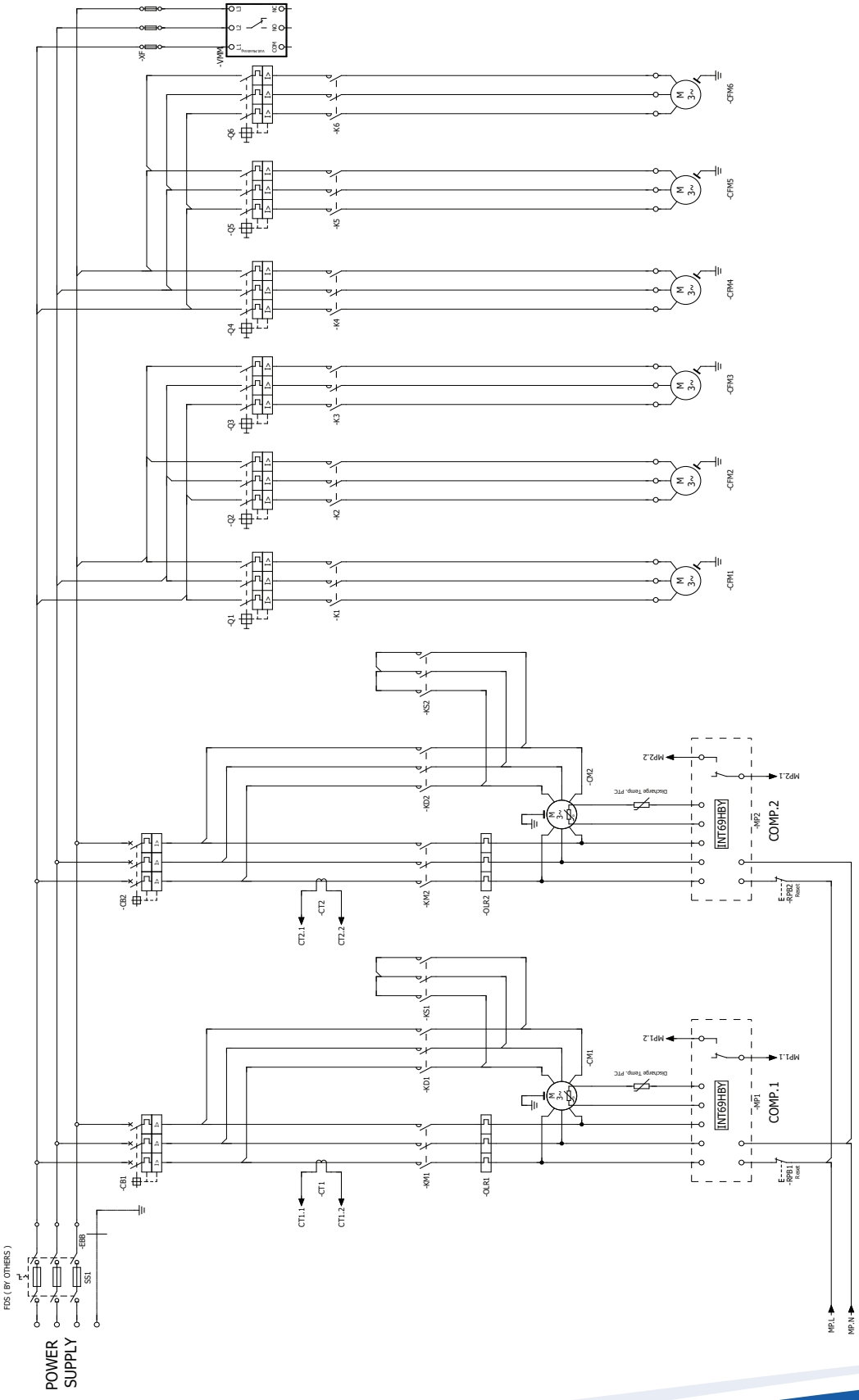
MODEL	Unit Characteristic					Compressor			Condenser Fan Motor		
	Wire Sizing Current	Maximum Instantaneous Current	Running Current at T1 Condition	Running Current at T3 Condition	Maximum Running Current	Quantity	Maximum Running Current	Starting Current	Quantity	Full Load Current	Starting Current
APCY6095DH	260	327	154	186	234	2	105	182	6	3.8	20.0
APCY6100DH	282	363	165	202	252	1 + 1	123 + 105	218 + 182	6	3.8	20.0
APCY6110DH	300	380	176	218	269	2	123	218	6	3.8	20.0
APCY6115DH	327	434	187	231	292	1 + 1	142 + 123	268 + 218	7	3.8	20.0
APCY6125DH	350	457	200	247	314	2	142	268	8	3.8	20.0
APCY6135DH	375	506	220	266	334	1 + 1	162 + 142	317 + 268	8	3.8	20.0
APCY6145DH	395	526	239	285	354	2	162	317	8	3.8	20.0
APCY6160DH	424	553	249	297	379	1 + 1	179 + 162	337 + 317	10	3.8	20.0
APCY6170DH	441	571	261	313	396	2	179	337	10	3.8	20.0
APCY6185DH	481	644	290	356	432	2	197	393	10	3.8	20.0
APCY6195DH	521	671	312	384	464	1 + 1	229 + 197	420 + 393	10	3.8	20.0
APCY6205DH	553	703	334	414	496	2	229	420	10	3.8	20.0
APCY6220DH	598	761	349	431	533	1 + 1	258 + 229	470 + 420	12	3.8	20.0
APCY6230DH	627	790	374	465	562	2	258	470	12	3.8	20.0
APCY6240DH	627	790	378	470	562	2	258	470	12	3.8	20.0
APCY6260DH	674	836	402	494	601	1 + 1	290 + 258	508 + 470	14	3.8	20.0
APCY6275DH	705	867	436	532	633	2	290	508	14	3.8	20.0
APCY6300DH	767	945	458	565	683	1 + 1	333 + 290	578 + 508	16	3.8	20.0
APCY6320DH	809	988	488	607	726	2	333	578	16	3.8	20.0
APCY6340DH	865	1006	521	645	772	1 + 1	371 + 333	588 + 578	18	3.8	20.0
APCY6360DH	903	1044	564	698	810	2	371	588	18	3.8	20.0
APCY6385DH	973	1161	589	724	868	1 + 1	421 + 371	698 + 588	20	3.8	20.0
APCY6405DH	1024	1212	625	765	918	2	421	698	20	3.8	20.0
APCY6410TH	1025	1187	646	790	953	3	290	508	22	3.8	20.0
APCY6425TH	1079	1257	676	832	996	1 + 2	333 + 290	578 + 508	22	3.8	20.0
APCY6445TH	1129	1308	695	860	1046	2 + 1	333 + 290	578 + 508	24	3.8	20.0
APCY6465TH	1172	1351	724	902	1089	3	333	578	24	3.8	20.0
APCY6480TH	1220	1361	766	955	1127	1 + 2	371 + 333	588 + 578	24	3.8	20.0
APCY6495TH	1258	1399	810	1010	1165	2 + 1	371 + 333	588 + 578	24	3.8	20.0
APCY6510TH	1296	1437	853	1150	1203	3	371	588	24	3.8	20.0

Table 42

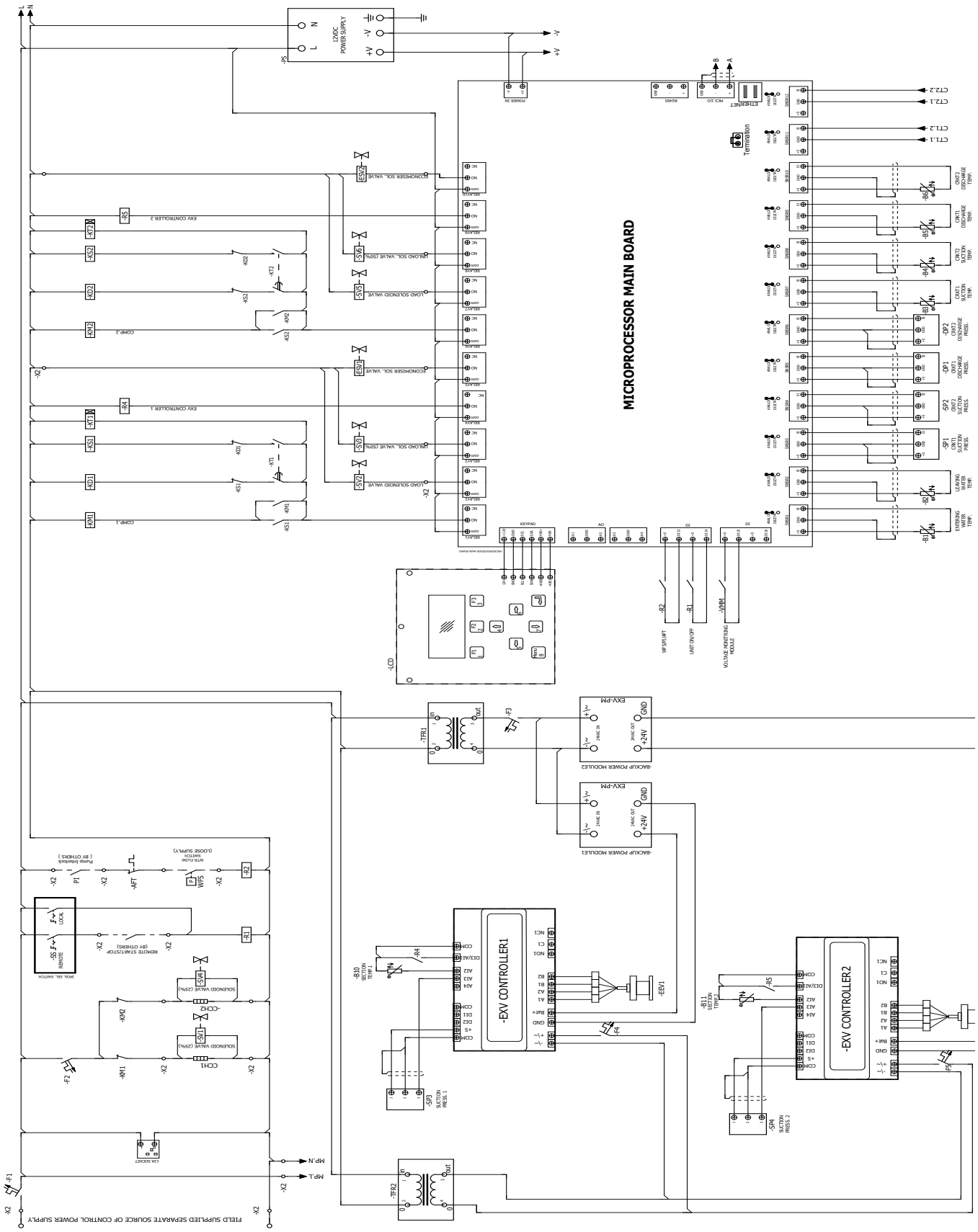
Notes:

1. Above data is subjected to change without further notice. Refer Unit nameplate for the Actual data.
2. Circuit breaker and Cable should be selected based on Unit Maximum Running Current.
3. T1 condition Running Current refers to the following condition: Ambient: 95°F, Entering Water: 54°F, Leaving Water: 44°F
4. T3 Condition Running Current refers to the following condition: Ambient: 115°F, Entering Water: 54°F, Leaving Water: 44°F
5. Wire sizing current refers to 125% of Biggest compressor Maximum Running Current + Maximum Running Current of all other compressors + full load current of all the condenser fans.

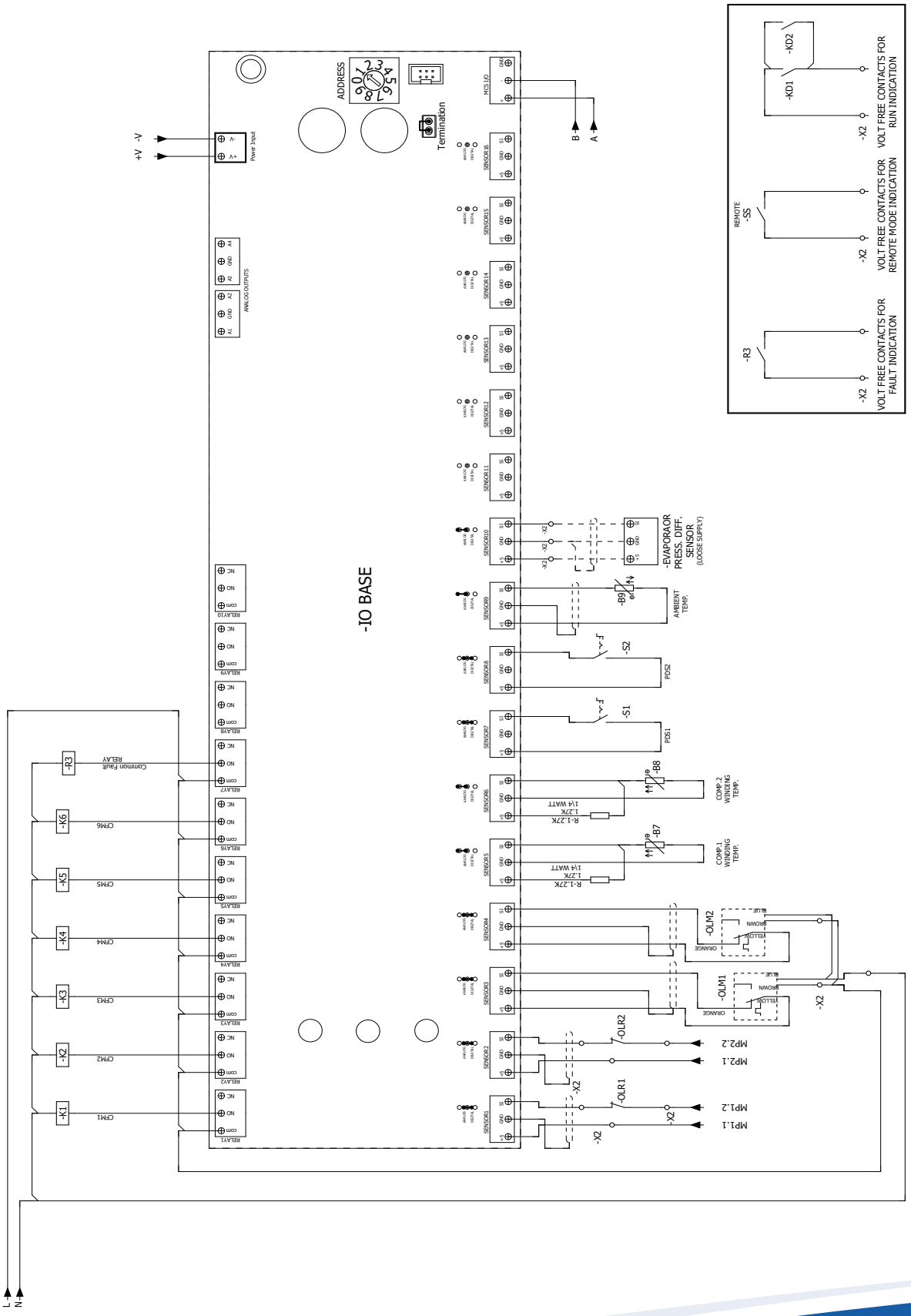
Typical Wiring Diagram



Typical Wiring Diagram



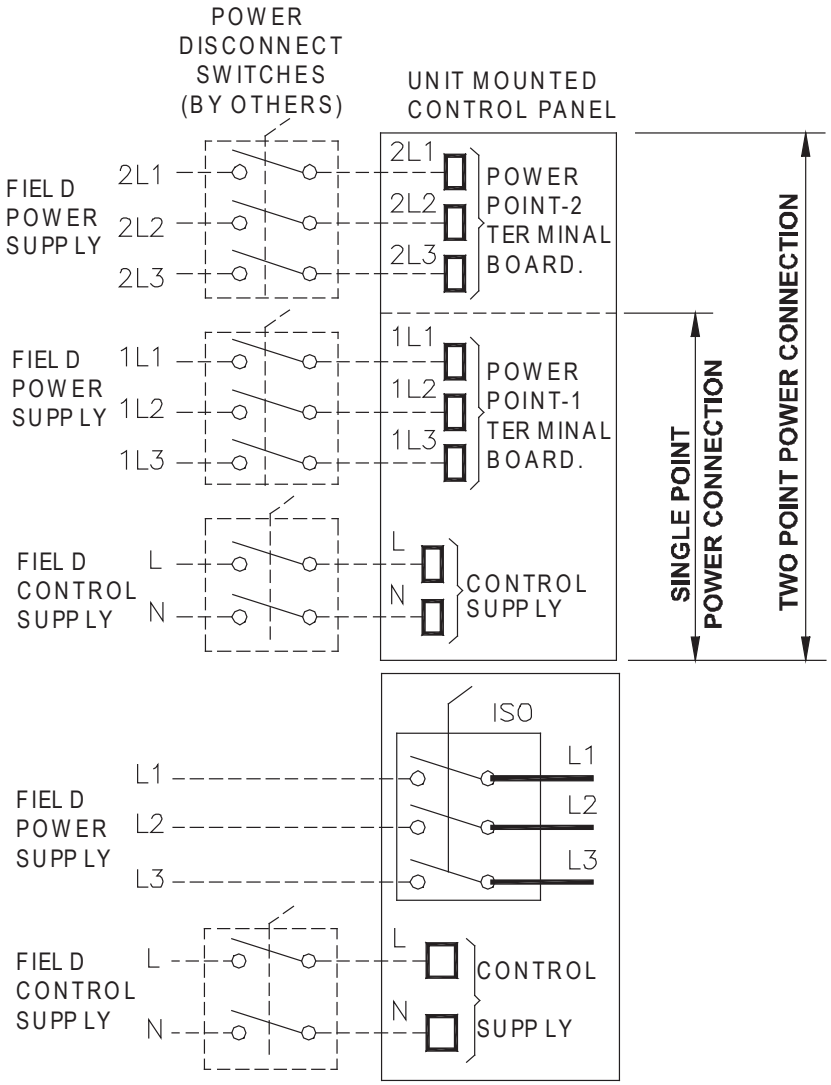
Typical Wiring Diagram



Power Entry Connections

Power Supply	Models	No. of Entry Points	
		STANDARD	OPTION
380~400V / 3Ph / 50.Hz	APCY5080DH ~ APCY5380TH	ONE	-
	APCY5395TH ~ APCY5520TH		TWO
415V / 3Ph / 50.Hz	APCY5080DH ~ APCY5410TH	ONE	-
	APCY5425TH ~ APCY5520TH		TWO
380~400V / 3Ph / 60.Hz	APCY6095DH ~ APCY6360DH	ONE	-
	APCY6385DH ~ APCY6510TH		TWO
460V / 3Ph / 60.Hz	APCY6095DH ~ APCY6445TH	ONE	-
	APCY6465TH ~ APCY6510TH		TWO

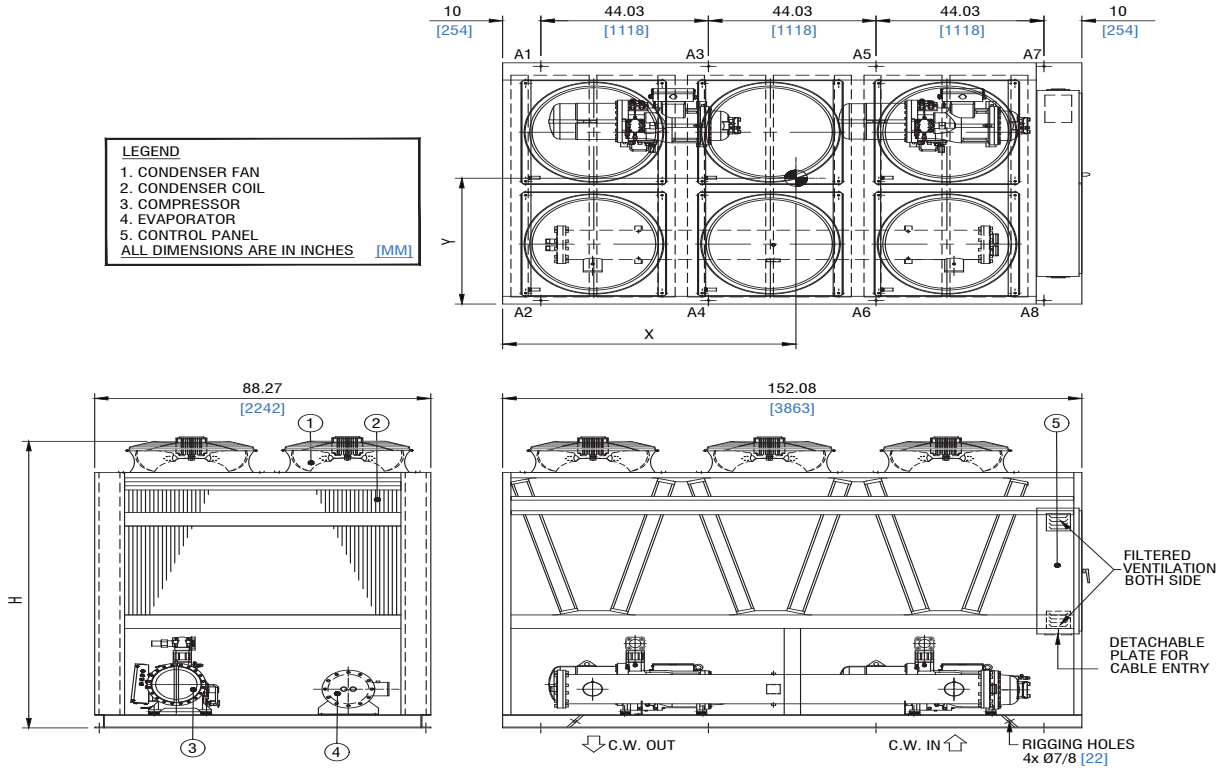
Table 41



(FOR SINGLE POINT POWER CONNECTION. WITH BUILT-IN ISOLATOR - CONSULT SKM)

Dimensional Data

APCY Models - 5080DH, 5085DH, 5090DH, 5095DH
6095DH, 6100DH, 6110DH



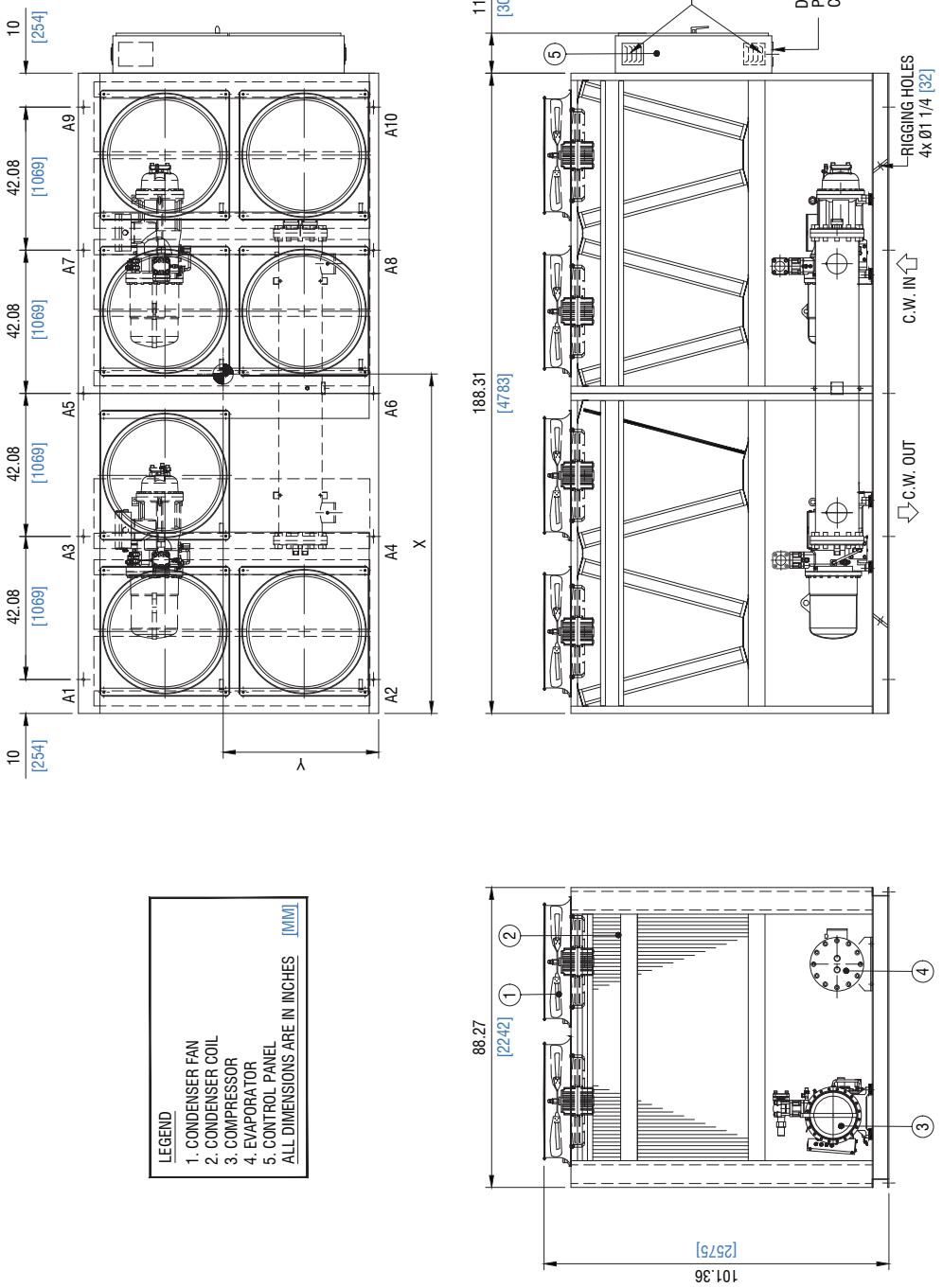
MODEL	CONDENSER COIL TYPE	LOAD AT EACH POINT [LBS]								OPERATING WEIGHT	SHIPPING WEIGHT	CENTER OF GRAVITY ALUMINIUM FINS (Standard) [IN]		H	C.W. IN/OUT
		A1	A2	A3	A4	A5	A6	A7	A8			X-AXIS	Y-AXIS		
APCY5080DH	ALUMINIUM FINS (Standard)	804	805	1254	1083	1154	1104	946	798	7948	7694	76.95	46.14	104.9" [2665]	5" [DN 125]
	COPPER FINS (FC Option)	956	958	1463	1293	1363	1314	1038	891	9276	9021				
	MICROCHANNEL (MCHE Option)	686	686	1097	925	997	946	869	721	6927	6674				
APCY5085DH	ALUMINIUM FINS (Standard)	804	805	1254	1083	1209	1124	993	815	8087	7833	77.66	46.46		
	COPPER FINS (FC Option)	956	958	1463	1293	1418	1334	1085	907	9414	9160				
	MICROCHANNEL (MCHE Option)	686	686	1097	925	1053	966	916	738	7067	6813				
APCY5090DH	ALUMINIUM FINS (Standard)	832	815	1329	1110	1209	1124	993	815	8227	7972	77.05	46.77		
	COPPER FINS (FC Option)	984	968	1538	1320	1418	1334	1085	907	9554	9299				
	MICROCHANNEL (MCHE Option)	714	696	1172	952	1053	966	916	738	7207	6952				
APCY5095DH	ALUMINIUM FINS (Standard)	832	815	1329	1110	1247	1137	1024	826	8320	8065	77.51	46.98		
	COPPER FINS (FC Option)	984	968	1538	1320	1455	1348	1116	919	9648	9392				
	MICROCHANNEL (MCHE Option)	714	696	1172	952	1090	980	947	749	7300	7045				
APCY6095DH	ALUMINIUM FINS (Standard)	804	805	1254	1083	1154	1104	946	798	7948	7694	76.95	46.14	101.4" [2575]	
	COPPER FINS (FC Option)	956	958	1463	1293	1363	1314	1038	891	9276	9021				
	MICROCHANNEL (MCHE Option)	686	686	1097	925	997	946	869	721	6927	6674				
APCY6100DH	ALUMINIUM FINS (Standard)	807	810	1309	1223	1269	1274	991	810	8493	8147	77.50	45.44		6" [DN 150]
	COPPER FINS (FC Option)	959	963	1518	1433	1478	1484	1083	902	9820	9475				
	MICROCHANNEL (MCHE Option)	689	691	1152	1065	1112	1116	914	732	7471	7127				
APCY6110DH	ALUMINIUM FINS (Standard)	834	820	1384	1250	1269	1274	991	810	8632	8287	76.94	45.76		
	COPPER FINS (FC Option)	986	973	1593	1460	1478	1484	1083	902	9959	9614				
	MICROCHANNEL (MCHE Option)	716	701	1227	1092	1112	1116	914	732	7610	7267				

NOTE:

Drawings are not contractually binding. Certified drawings will be provided upon request or at time of order.

Dimensional Data

APCY Models - 6115DH



LEGEND
1. CONDENSER FAN
2. CONDENSER COIL
3. COMPRESSOR
4. EVAPORATOR
5. CONTROL PANEL
ALL DIMENSIONS ARE IN INCHES [MM]

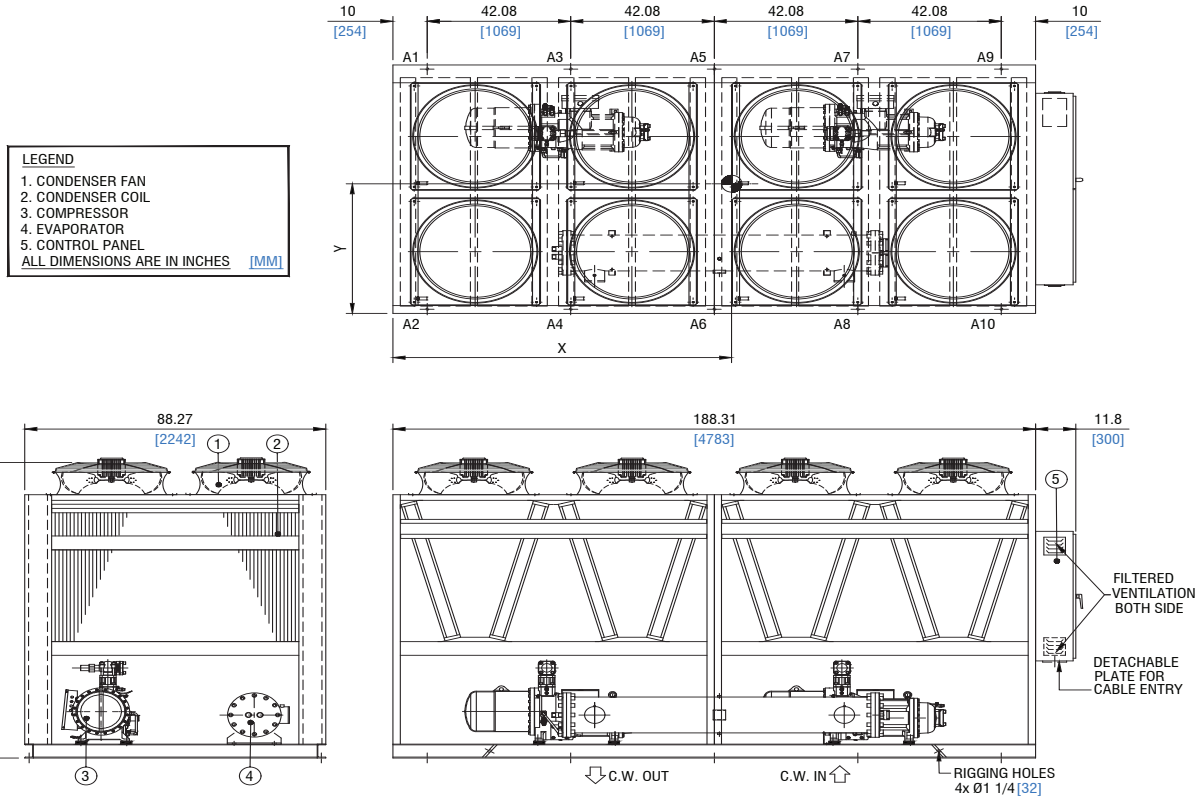
MODEL	CONDENSER COIL TYPE	LOAD AT EACH POINT [LBS]										OPERATING WEIGHT	SHIPPING WEIGHT	CENTER OF GRAVITY ALUMINIUM FINS (Standard) [IN]		C.W. IN/OUT
		A1	A2	A3	A4	A5	A6	A7	A8	A9	A10			X-AXIS	Y-AXIS	
APCY6115DH	ALUMINIUM FINS (Standard)	610	579	1338	1195	858	898	1372	1233	961	867	9911	9566	99.89	45.73	6" [DN 150]
	COPPER FINS (FC Option)	739	709	1511	1370	1025	1066	1545	1407	1090	997	11459	11115			
	MICROCHANNEL (MCHE Option)	509	477	1206	1063	731	771	1240	1100	860	765	8722	8376			

NOTE:

Drawings are not contractually binding. Certified drawings will be provided upon request or at time of order.

Dimensional Data

APCY Models - 5105DH, 5115DH, 5125DH, 5130DH
6125DH, 6135DH, 6145DH



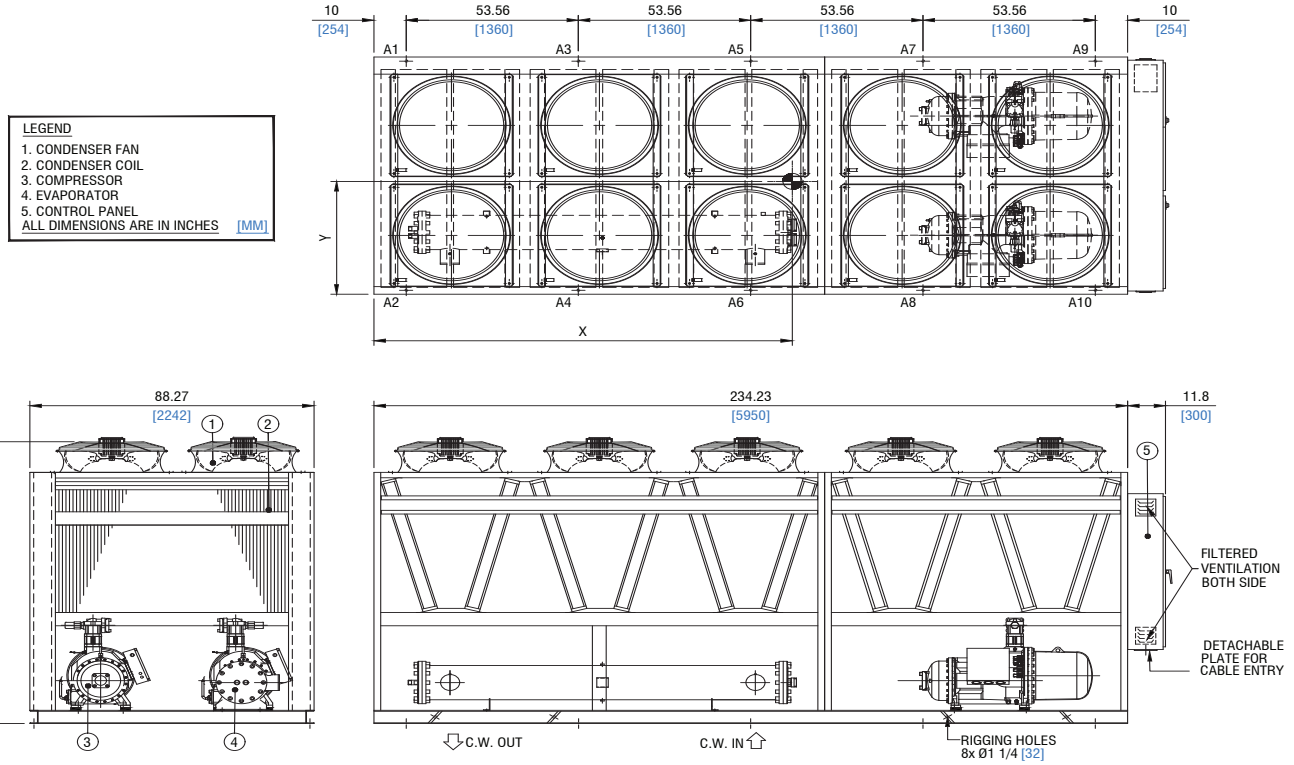
MODEL	CONDENSER COIL TYPE	LOAD AT EACH POINT [LBS]										OPERATING WEIGHT	SHIPPING WEIGHT	CENTER OF GRAVITY ALUMINIUM FINS (Standard) [IN]		H	C.W. IN/OUT
		A1	A2	A3	A4	A5	A6	A7	A8	A9	A10			X-AXIS	Y-AXIS		
APCY5105DH	ALUMINIUM FINS (Standard)	650	612	1403	1244	932	959	1406	1260	991	897	10354	10010	99.33	45.85	109.4" [2665]	6" [DN 150]
	COPPER FINS (FC Option)	798	761	1601	1444	1123	1151	1605	1460	1138	1046	12127	11780				
	MICROCHANNEL (MCHE Option)	534	496	1253	1093	787	813	1256	1109	875	781	8997	8650				
APCY5115DH	ALUMINIUM FINS (Standard)	656	619	1410	1251	949	969	1500	1298	1019	911	10582	10238	99.9	46.13		
	COPPER FINS (FC Option)	804	767	1608	1450	1139	1161	1698	1497	1167	1060	12351	12007				
	MICROCHANNEL (MCHE Option)	540	502	1259	1099	804	823	1350	1147	903	795	9222	8878				
APCY5125DH	ALUMINIUM FINS (Standard)	677	630	1547	1398	947	893	1503	1289	1014	914	10812	10465	98.40	46.40		
	COPPER FINS (FC Option)	824	779	1745	1597	1137	1085	1701	1488	1161	1062	12579	12235				
	MICROCHANNEL (MCHE Option)	561	514	1396	1247	801	747	1352	1138	898	797	9451	9105				
APCY5130DH	ALUMINIUM FINS (Standard)	677	630	1547	1398	950	894	1528	1298	1020	916	10858	10513	98.57	46.48		
	COPPER FINS (FC Option)	824	779	1745	1598	1140	1086	1726	1497	1167	1064	12626	12283				
	MICROCHANNEL (MCHE Option)	561	514	1396	1247	805	748	1378	1147	904	799	9499	9153				
APCY6125DH	ALUMINIUM FINS (Standard)	650	613	1447	1354	896	867	1400	1244	991	898	10360	10014	98.61	45.84	101.4" [2575]	
	COPPER FINS (FC Option)	798	761	1645	1553	1086	1058	1598	1443	1139	1046	12127	11784				
	MICROCHANNEL (MCHE Option)	534	496	1296	1203	750	721	1250	1093	875	781	8999	8654				
APCY6135DH	ALUMINIUM FINS (Standard)	657	619	1453	1361	913	877	1494	1282	1020	912	10588	10243	99.22	46.12		
	COPPER FINS (FC Option)	805	768	1652	1560	1103	1069	1692	1481	1167	1060	12357	12013				
	MICROCHANNEL (MCHE Option)	541	503	1303	1209	768	731	1344	1131	904	795	9229	8883				
APCY6145DH	ALUMINIUM FINS (Standard)	677	631	1547	1398	947	893	1503	1289	1014	914	10813	10469	98.39	46.40		
	COPPER FINS (FC Option)	825	779	1745	1598	1137	1085	1701	1489	1162	1063	12584	12238				
	MICROCHANNEL (MCHE Option)	561	514	1397	1247	802	747	1353	1138	898	797	9454	9109				

NOTE:

Drawings are not contractually binding. Certified drawings will be provided upon request or at time of order.

Dimensional Data

APCY Models - 5140DH, 5155DH, 5165DH, 5175DH, 5185DH
6160DH, 6170DH, 6185DH, 6195DH, 6205DH



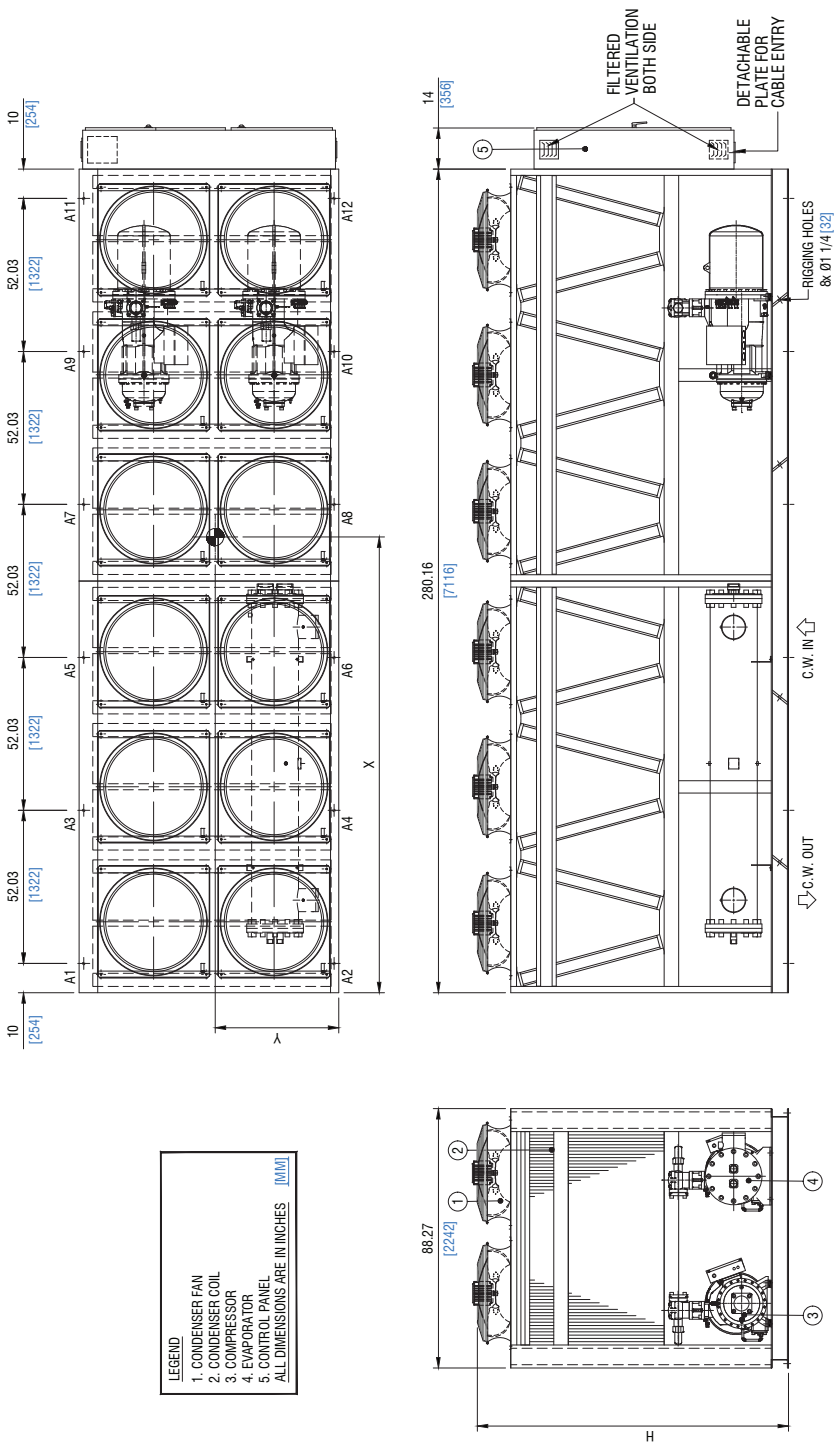
MODEL	CONDENSER COIL TYPE	LOAD AT EACH POINT [LBS]										OPERATING WEIGHT	SHIPPING WEIGHT	CENTER OF GRAVITY ALUMINIUM FINS (Standard) [IN]		H	C.W. IN/OUT
		A1	A2	A3	A4	A5	A6	A7	A8	A9	A10			X-AXIS	Y-AXIS		
APCY5140DH	ALUMINIUM FINS (Standard)	764	862	972	1174	1047	1309	1645	1618	1439	1422	12252	11907	132.8	42.24	104.9" [2665]	6" [DN 150]
	COPPER FINS (FC Option)	928	1027	1225	1429	1319	1582	1896	1869	1603	1586	14464	14119				
	MICROCHANNEL (MCHE Option)	633	730	780	981	843	1103	1455	1427	1309	1291	10552	10207				
APCY5155DH	ALUMINIUM FINS (Standard)	818	997	1049	1370	1145	1556	1690	1660	1468	1449	13202	12654	129.8	41.22		8" [DN 200]
	COPPER FINS (FC Option)	982	1162	1303	1625	1417	1829	1940	1912	1631	1614	15415	14866				
	MICROCHANNEL (MCHE Option)	687	865	858	1177	941	1350	1500	1469	1337	1318	11502	10954				
APCY5165DH	ALUMINIUM FINS (Standard)	818	997	1049	1370	1145	1556	1721	1671	1488	1457	13272	12724	130.2	41.34		
	COPPER FINS (FC Option)	982	1162	1303	1625	1417	1829	1971	1923	1651	1621	15484	14936				
	MICROCHANNEL (MCHE Option)	687	865	858	1177	941	1350	1531	1481	1357	1325	11572	11024				
APCY5175DH	ALUMINIUM FINS (Standard)	818	997	1049	1370	1145	1556	1733	1702	1496	1476	13342	12793	130.5	41.26		
	COPPER FINS (FC Option)	982	1162	1303	1625	1417	1829	1983	1954	1659	1640	15554	15005				
	MICROCHANNEL (MCHE Option)	687	865	858	1177	941	1350	1543	1511	1365	1345	11642	11093				
APCY5185DH	ALUMINIUM FINS (Standard)	822	1000	1053	1373	1148	1559	1778	1720	1525	1489	13467	12918	130.9	41.43		
	COPPER FINS (FC Option)	986	1165	1306	1628	1420	1832	2028	1972	1689	1653	15679	15130				
	MICROCHANNEL (MCHE Option)	690	869	861	1180	944	1354	1588	1529	1395	1357	11767	11218				
APCY6160DH	ALUMINIUM FINS (Standard)	818	997	1050	1370	1145	1556	1639	1599	1436	1410	13020	12471	129.0	41.24	101.4" [2575]	
	COPPER FINS (FC Option)	983	1162	1303	1625	1417	1829	1889	1850	1599	1574	15231	14683				
	MICROCHANNEL (MCHE Option)	687	865	858	1177	941	1350	1449	1408	1305	1279	11319	10771				
APCY6170DH	ALUMINIUM FINS (Standard)	819	997	1050	1370	1146	1556	1647	1619	1441	1423	13068	12519	129.2	41.19		
	COPPER FINS (FC Option)	983	1163	1303	1625	1417	1830	1897	1871	1604	1587	15280	14731				
	MICROCHANNEL (MCHE Option)	687	866	858	1177	941	1351	1457	1428	1310	1292	11367	10819				
APCY6185DH	ALUMINIUM FINS (Standard)	819	997	1050	1370	1146	1556	1690	1661	1468	1450	13207	12658	129.8	41.23		
	COPPER FINS (FC Option)	983	1163	1303	1625	1417	1830	1940	1912	1632	1614	15419	14870				
	MICROCHANNEL (MCHE Option)	687	866	858	1177	941	1351	1500	1470	1338	1318	11506	10957				
APCY6195DH	ALUMINIUM FINS (Standard)	819	998	1050	1371	1146	1557	1722	1672	1489	1457	13281	12733	130.2	41.35		
	COPPER FINS (FC Option)	983	1163	1304	1626	1418	1830	1972	1924	1652	1622	15494	14945				
	MICROCHANNEL (MCHE Option)	688	866	858	1178	942	1351	1532	1481	1358	1326	11580	11032				
APCY6205DH	ALUMINIUM FINS (Standard)	820	999	1051	1371	1147	1557	1734	1703	1497	1477	13356	12808	130.5	41.27		
	COPPER FINS (FC Option)	984	1164	1304	1626	1418	1831	1985	1955	1660	1642	15569	15020				
	MICROCHANNEL (MCHE Option)	689	867	859	1178	942	1352	1544	1512	1367	1346	11656	11108				

NOTE:

Drawings are not contractually binding. Certified drawings will be provided upon request or at time of order.

Dimensional Data

APCY Models - 5195DH, 5210DH, 5230DH
6220DH, 6230DH, 6240DH



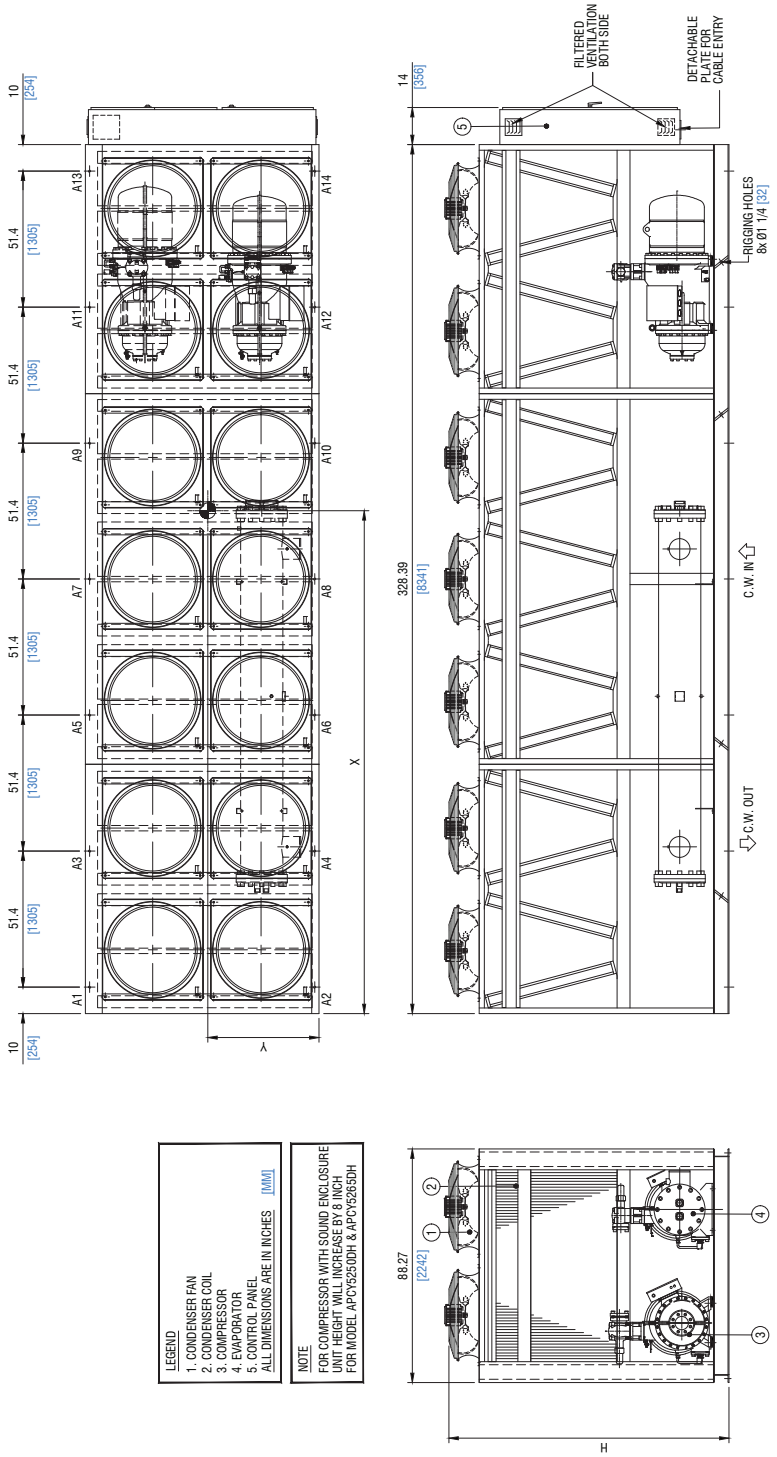
MODEL	CONDENSER COIL TYPE	LOAD AT EACH POINT [LBS]												OPERATING WEIGHT	SHIPPING WEIGHT	CENTER OF GRAVITY ALUMINIUM FINS (Standard) [IN]		H	C.W. IN/OUT
		A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12			X-AXIS	Y-AXIS		
APCY5195DH	ALUMINIUM FINS (Standard)	820	956	1051	1353	1177	1650	1000	999	2015	1974	1392	1383	15770	15221	154.8	41.70	105.9" [2690]	8" [DN 200]
	COPPER FINS (FC Option)	983	1119	1296	1599	1432	1906	1254	1255	2260	2220	1554	1547	18425	17875				
	MICROCHANNEL (MCHE Option)	690	825	865	1166	985	1456	807	805	1829	1787	1261	1252	13728	13181				
APCY5210DH	ALUMINIUM FINS (Standard)	827	963	1058	1360	1184	1656	1034	1016	2274	2071	1460	1412	16315	15767	156.7	42.37		
	COPPER FINS (FC Option)	990	1126	1303	1606	1439	1912	1289	1272	2519	2317	1622	1576	18971	18421				
	MICROCHANNEL (MCHE Option)	697	832	872	1173	992	1463	842	822	2088	1884	1330	1281	14276	13727				
APCY5230DH	ALUMINIUM FINS (Standard)	785	846	1118	1501	1059	1331	1034	1258	2383	2328	1645	1627	16915	16260	162.2	41.84		
	COPPER FINS (FC Option)	947	1010	1362	1747	1314	1587	1288	1514	2628	2575	1807	1791	19570	18914				
	MICROCHANNEL (MCHE Option)	655	716	932	1314	867	1137	841	1064	2197	2141	1515	1497	14876	14220				
APCY6220DH	ALUMINIUM FINS (Standard)	816	952	1047	1349	1173	1646	994	990	1992	1921	1383	1367	15630	15082	154.4	41.79	102.3" [2600]	
	COPPER FINS (FC Option)	979	1115	1292	1595	1428	1902	1248	1246	2237	2167	1545	1531	18285	17737				
	MICROCHANNEL (MCHE Option)	686	821	861	1162	981	1452	801	796	1806	1734	1253	1237	13590	13042				
APCY6230DH	ALUMINIUM FINS (Standard)	821	957	1052	1354	1178	1650	1001	1000	2016	1975	1392	1384	15780	15232	154.8	41.70		
	COPPER FINS (FC Option)	984	1120	1297	1600	1433	1906	1255	1256	2261	2221	1555	1548	18436	17887				
	MICROCHANNEL (MCHE Option)	691	826	866	1167	986	1457	808	806	1830	1788	1262	1253	13740	13192				
APCY6240DH	ALUMINIUM FINS (Standard)	774	835	1106	1489	1048	1319	1021	1246	2022	1980	1513	1500	15853	15198	158.4	41.64		
	COPPER FINS (FC Option)	936	999	1351	1736	1302	1575	1276	1502	2266	2226	1675	1663	18507	17853				
	MICROCHANNEL (MCHE Option)	644	705	920	1303	855	1126	829	1052	1836	1793	1383	1369	13815	13158				

NOTE:

Drawings are not contractually binding. Certified drawings will be provided upon request or at time of order.

Dimensional Data

APCY Models - 5250DH, 5265DH
6260DH, 6275DH



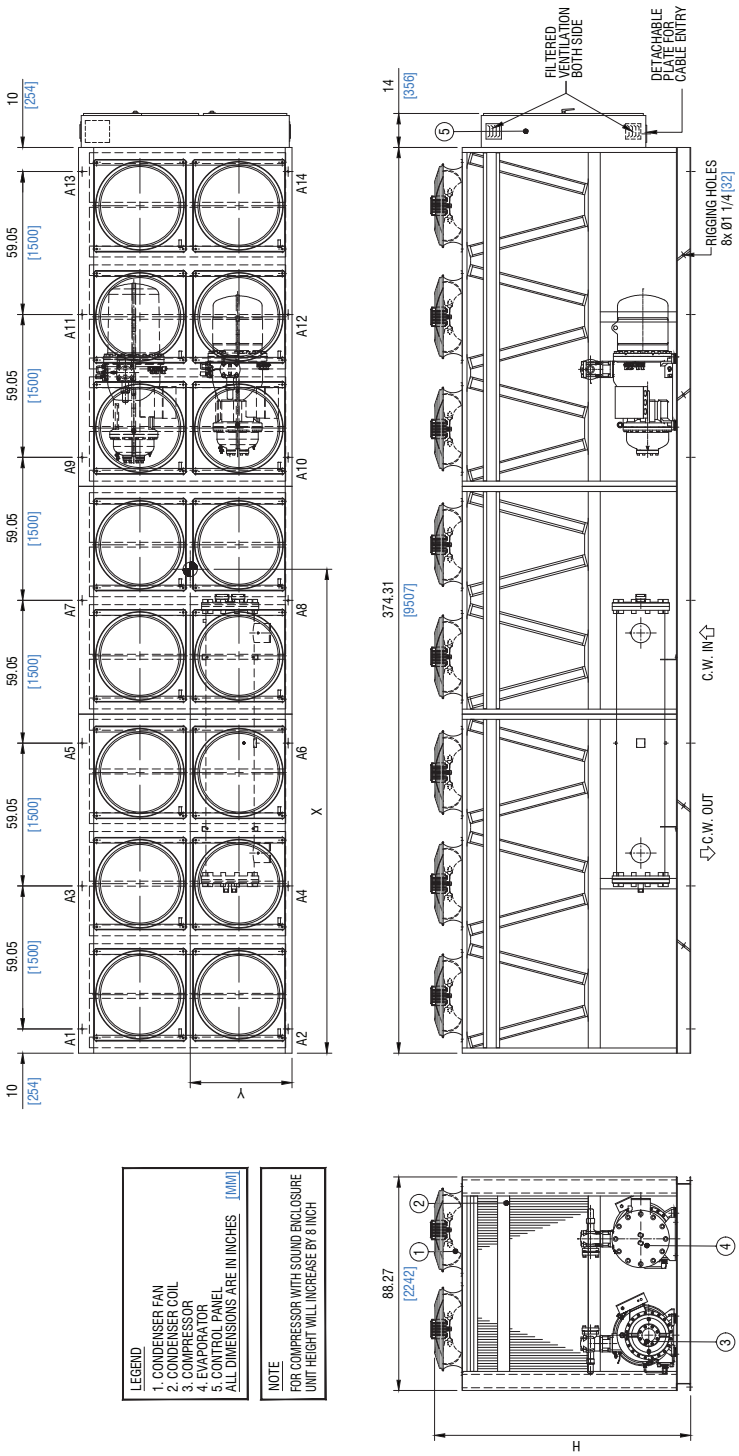
MODEL	CONDENSER COIL TYPE	LOAD AT EACH POINT [LBS]														OPERATING WEIGHT	SHIPPING WEIGHT	CENTER OF GRAVITY ALUMINUM FINS (Standard) [IN]		H	C.W. IN/OUT
		A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14			X-AXIS	Y-AXIS		
APCY5250DH	ALUMINIUM FINS (Standard)	700	658	1071	1414	925	1083	1206	1688	1007	999	2419	2324	1505	1484	18483	17829	190.4	42.15	105.9" [2690]	8" [DN 200]
	COPPER FINS (FC Option)	861	820	1313	1658	1162	1321	1470	1954	1244	1238	2661	2568	1666	1646	21582	20926				
	MICROCHANNEL (MC-HE Option)	571	528	887	1229	745	901	1007	1488	827	818	2235	2139	1376	1355	16106	15449				
APCY5265DH	ALUMINIUM FINS (Standard)	705	663	1076	1419	930	1088	1211	1693	1015	1012	2448	2390	1516	1504	18670	18015	190.8	42.05		
	COPPER FINS (FC Option)	866	825	1318	1663	1167	1326	1475	1959	1252	1250	2690	2634	1677	1666	21768	21112				
	MICROCHANNEL (MC-HE Option)	576	533	892	1234	750	906	1012	1493	834	830	2264	2205	1387	1374	16290	15635				
APCY6260DH	ALUMINIUM FINS (Standard)	691	649	1062	1405	917	1074	1198	1680	980	960	2250	2047	1458	1412	17783	17127	187.9	42.44	102.3" [2600]	
	COPPER FINS (FC Option)	852	811	1304	1649	1153	1312	1461	1945	1217	1198	2493	2291	1619	1573	20878	20224				
	MICROCHANNEL (MC-HE Option)	562	519	878	1220	736	892	908	1479	799	778	2066	1862	1329	1282	15400	14747				
APCY6275DH	ALUMINIUM FINS (Standard)	696	654	1067	1410	921	1079	1202	1684	996	993	2352	2297	1486	1475	18312	17657	189.9	42.00		
	COPPER FINS (FC Option)	857	816	1309	1654	1158	1317	1466	1950	1233	1231	2594	2541	1647	1637	21410	20754				
	MICROCHANNEL (MC-HE Option)	567	524	883	1225	741	897	1003	1484	815	811	2168	2112	1357	1345	15932	15277				

NOTE:

Drawings are not contractually binding. Certified drawings will be provided upon request or at time of order.

Dimensional Data

APCY Models - 5285DH, 5300DH
6300DH, 6320DH



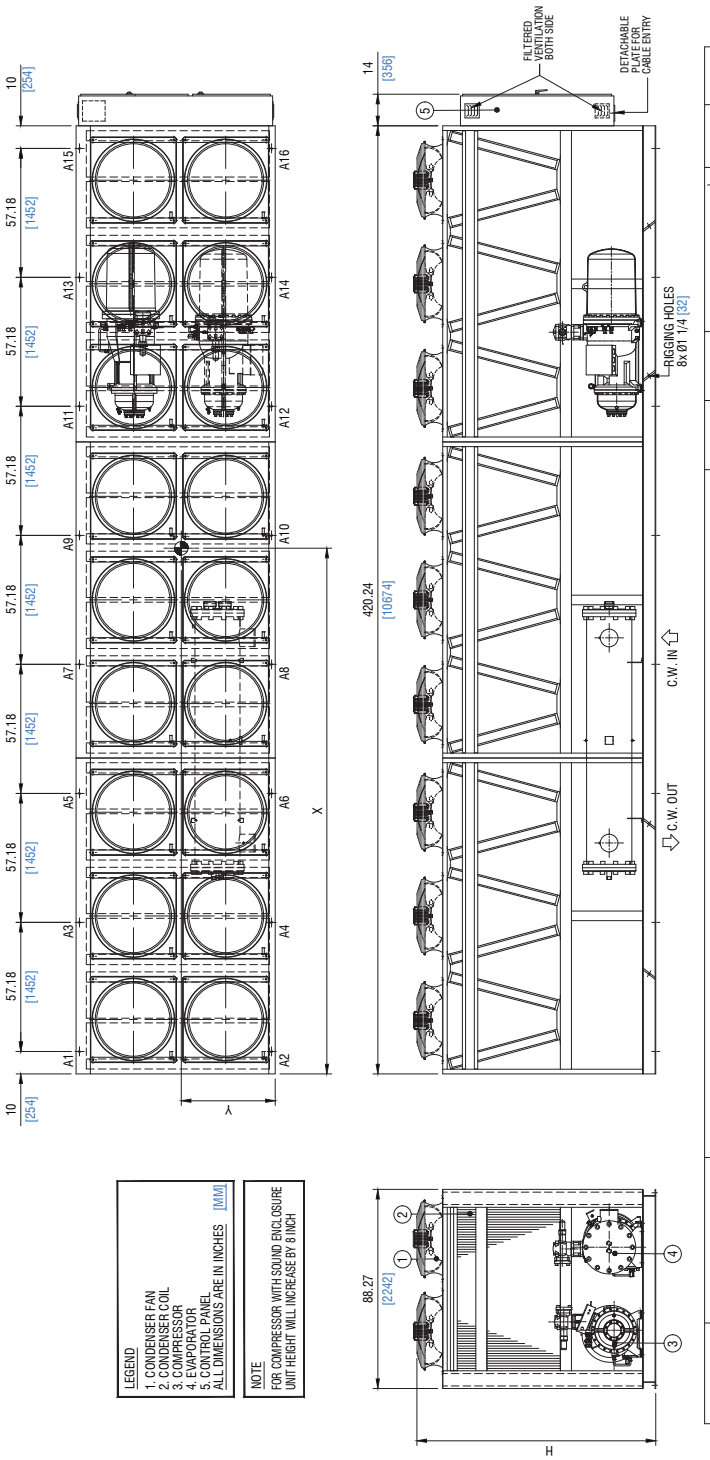
MODEL	CONDENSER COIL TYPE	LOAD AT EACH POINT [LBS]														OPERATING WEIGHT	SHIPPING WEIGHT	CENTER OF GRAVITY ALUMINIUM FINS (Standard) [IN]		H	C.W. IN/OUT
		A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14			X-AXIS	Y-AXIS		
APCY5285DH	ALUMINIUM FINS (Standard)	744	701	1342	1796	1319	1930	1224	1683	2222	2104	2134	2036	1198	1201	21634	20807	203.5	41.52	105.9" [2690]	10" [DN 250]
	COPPER FINS (FC-Option)	913	871	1654	2110	1586	2198	1492	1953	2489	2372	2446	2349	1367	1371	25171	24347				
	MICROCHANNEL (MC-HE Option)	606	563	1107	1561	1116	1724	1019	1477	2018	1899	1899	1800	1060	1062	18911	18087				
APCY5300DH	ALUMINIUM FINS (Standard)	744	701	1342	1797	1320	1930	1224	1683	2269	2221	2173	2135	1198	1201	21938	21113	204.5	41.29		
	COPPER FINS (FC-Option)	913	871	1654	2110	1587	2198	1492	1953	2535	2490	2485	2448	1368	1371	25475	24652				
	MICROCHANNEL (MC-HE Option)	606	563	1108	1561	1116	1725	1019	1478	2065	2016	1939	1899	1061	1063	19219	18393				
APCY6300DH	ALUMINIUM FINS (Standard)	739	696	1337	1792	1315	1925	1219	1679	2080	2011	2013	1957	1193	1196	21152	20329	202.2	41.26	102.3" [2600]	
	COPPER FINS (FC-Option)	908	867	1649	2106	1582	2194	1487	1948	2346	2280	2325	2271	1363	1367	24693	23868				
	MICROCHANNEL (MC-HE Option)	602	558	1103	1556	1111	1720	1015	1473	1876	1806	1779	1721	1056	1058	18434	17608				
APCY6320DH	ALUMINIUM FINS (Standard)	744	701	1342	1797	1320	1930	1224	1683	2102	2061	2033	2000	1198	1201	21336	20511	202.5	41.19		
	COPPER FINS (FC-Option)	913	871	1654	2110	1587	2198	1492	1953	2369	2330	2345	2313	1368	1371	24874	24050				
	MICROCHANNEL (MC-HE Option)	606	563	1108	1561	1116	1725	1019	1478	1898	1856	1798	1764	1061	1063	18616	17791				

NOTE:

Drawings are not contractually binding. Certified drawings will be provided upon request or at time of order.

Dimensional Data

APCY Models - 5325DH, 5345DH
6340DH, 6360DH



LEGEND
1. CONDENSER FAN
2. CONDENSER COIL
3. COMPRESSOR
4. EVAPORATOR
5. CONTROL PANEL
ALL DIMENSIONS ARE IN INCHES [MM]

NOTE
FOR COMPRESSOR WITH SOUND ENCLOSURE UNIT HEIGHT WILL INCREASE BY 8 INCH

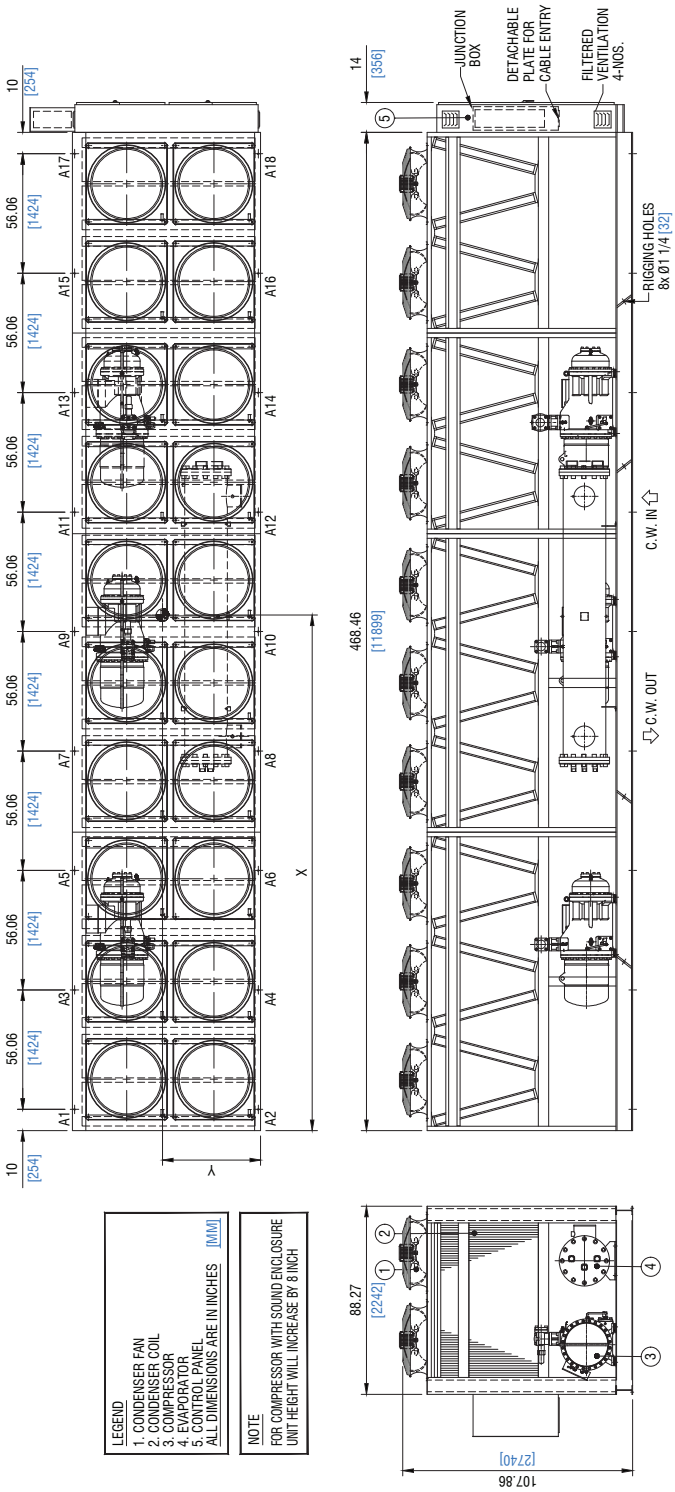
MODEL	CONDENSER COIL TYPE	LOAD AT EACH POINT [LBS]																OPERATING WEIGHT	SHIPPING WEIGHT	CENTER OF GRAVITY ALUMINIUM FINS (Standard) [IN]		H	C.W. IN/OUT
		A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16			X-AXIS	Y-AXIS		
APCY5325DH	ALUMINIUM FINS (Standard)	741	698	1104	1263	1323	1927	1394	2133	929	956	2530	2419	2020	1951	1247	1250	23885	23059	234.6	41.83	105.9" [2690]	10" [DN 250]
	COPPER FINS (FC Option)	908	867	1397	1557	1593	2197	1656	2396	1191	1220	2799	2690	2313	2246	1415	1418	27863	27040				
	MICROCHANNEL (MCHE Option)	605	561	882	1040	1118	1720	1194	1931	729	755	2324	2213	1798	1728	1111	1113	20822	19999				
APCY5345DH	ALUMINIUM FINS (Standard)	741	698	1104	1263	1323	1927	1394	2133	929	956	2564	2505	2041	2006	1247	1250	24081	23255	235.3	41.69		
	COPPER FINS (FC Option)	908	867	1397	1557	1593	2197	1656	2396	1191	1220	2833	2776	2335	2301	1415	1418	28060	27237				
	MICROCHANNEL (MCHE Option)	605	561	882	1040	1118	1720	1194	1931	729	755	2358	2299	1820	1783	1111	1113	21019	20195				
APCY6340DH	ALUMINIUM FINS (Standard)	741	698	1104	1263	1323	1927	1394	2133	929	956	2390	2256	1930	1846	1247	1250	23387	22561	232.7	41.85	102.3" [2600]	
	COPPER FINS (FC Option)	908	867	1397	1557	1593	2197	1656	2396	1191	1220	2659	2527	2223	2141	1415	1418	27365	26543				
	MICROCHANNEL (MCHE Option)	605	561	882	1040	1118	1720	1194	1931	729	755	2184	2050	1708	1623	1111	1113	20324	19501				
APCY6360DH	ALUMINIUM FINS (Standard)	741	698	1104	1263	1323	1927	1394	2133	929	956	2441	2388	1963	1930	1247	1250	23687	22862	233.8	41.63		
	COPPER FINS (FC Option)	908	867	1397	1557	1593	2197	1656	2396	1191	1220	2711	2659	2256	2225	1415	1418	27666	26844				
	MICROCHANNEL (MCHE Option)	605	561	882	1040	1118	1720	1194	1931	729	755	2236	2181	1742	1708	1111	1113	20626	19802				

NOTE:

Drawings are not contractually binding. Certified drawings will be provided upon request or at time of order.

Dimensional Data

APCY Models - 5365TH, 5380TH



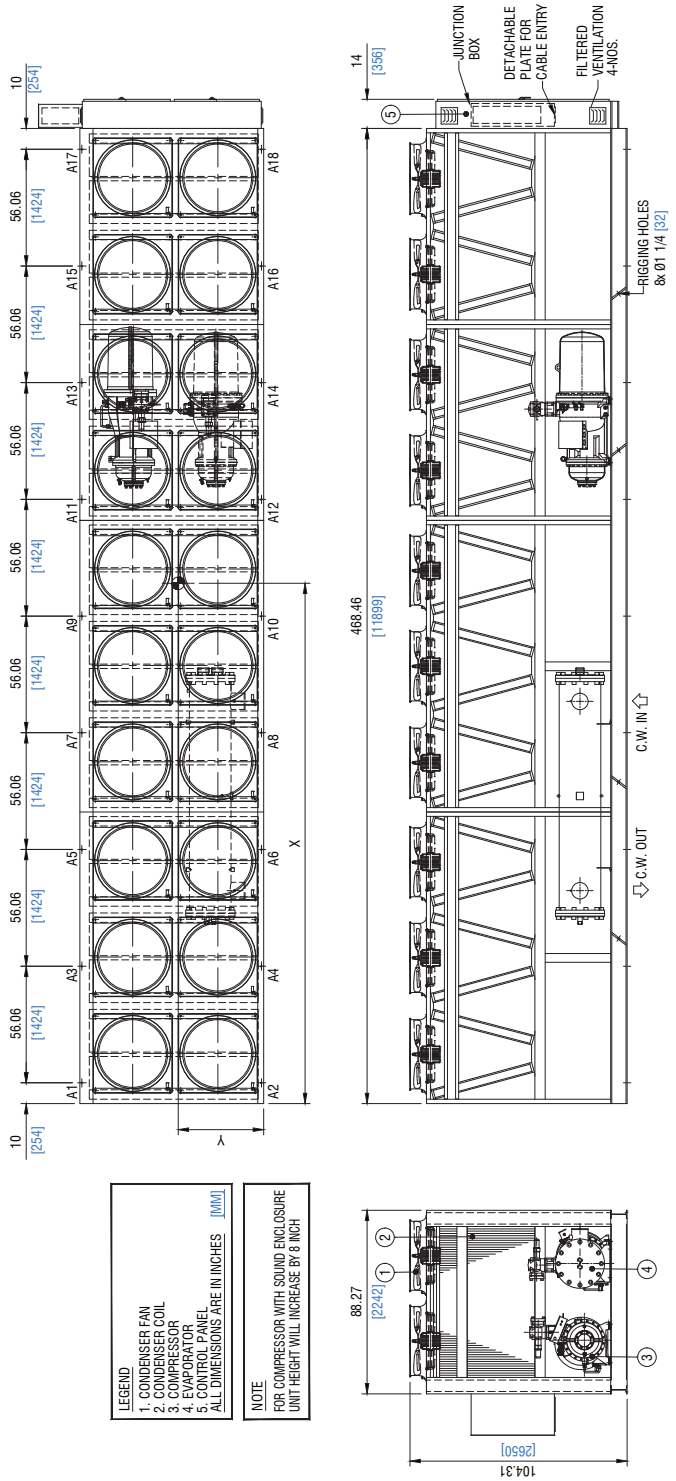
MODEL	CONDENSER COIL TYPE	LOAD AT EACH POINT [LBS]																	OPERATING WEIGHT	SHIPPING WEIGHT	CENTER OF GRAVITY ALUMINIUM FINS (Standard) [IN]		C.W. IN/OUT
		A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18			X-AXIS	Y-AXIS	
APCY5365TH	ALUMINIUM FINS (Standard)	796	731	1684	1240	1752	1245	1483	1891	2318	1965	1821	2302	2133	1390	1160	1041	1319	1321	27592	26593	242.5	46.24	10" [DN 250]
	COPPER FINS (FC Option)	963	899	1965	1523	2022	1517	1742	2152	2577	2226	2074	2557	2408	1667	1435	1317	1484	1488	32016	31017			
	MICROCHANNEL (MCHE Option)	661	596	1471	1025	1546	1039	1285	1692	2121	1766	1626	2107	1924	1180	951	831	1184	1186	24191	23193			
APCY5380TH	ALUMINIUM FINS (Standard)	799	733	1686	1242	1754	1248	1496	1897	2385	1991	1833	2308	2135	1393	1162	1043	1321	1323	27749	26748	242.5	46.31	
	COPPER FINS (FC Option)	965	901	1967	1525	2024	1520	1754	2157	2644	2251	2087	2563	2410	1670	1437	1320	1487	1490	32172	31172			
	MICROCHANNEL (MCHE Option)	664	598	1473	1028	1548	1041	1298	1698	2188	1792	1638	2112	1926	1182	954	833	1186	1188	24347	23348			

NOTE:

Drawings are not contractually binding. Certified drawings will be provided upon request or at time of order.

Dimensional Data

APCY Models - 6385DH, 6405DH



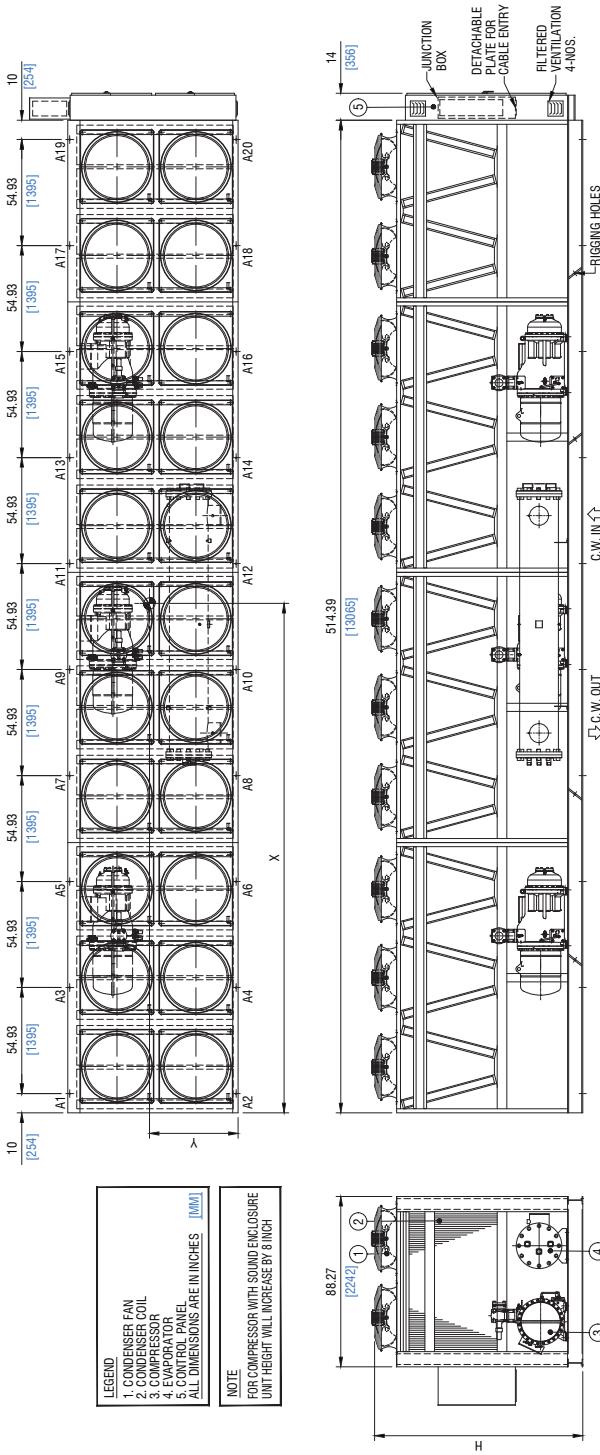
MODEL	CONDENSER COIL TYPE	LOAD AT EACH POINT [LBS]																		OPERATING WEIGHT	SHIPPING WEIGHT	CENTER OF GRAVITY ALUMINIUM FINS (Standard) [IN]		C.W. IN/OUT
		A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18			X-AXIS	Y-AXIS	
APCY6385DH	ALUMINIUM FINS (Standard)	759	716	1075	1207	1363	1993	1375	2067	970	1042	1996	1923	2506	2400	965	970	1316	1319	25962	25138	249.7	41.87	10" [DN 250]
	COPPER FINS (FC Option)	925	884	1357	1490	1633	2265	1633	2328	1228	1303	2250	2178	2782	2677	1240	1246	1482	1485	30386	29562			
	MICROCHANNEL (MCHE Option)	624	580	862	992	1158	1787	1177	1868	772	844	1802	1727	2297	2190	757	760	1182	1184	22563	21738			
APCY6405DH	ALUMINIUM FINS (Standard)	759	716	1076	1207	1363	1994	1375	2067	970	1043	2020	1981	2539	2483	966	970	1316	1319	26164	25339	250.3	41.75	
	COPPER FINS (FC Option)	926	884	1357	1490	1634	2266	1633	2328	1229	1303	2273	2236	2814	2760	1240	1246	1482	1486	30587	29763			
	MICROCHANNEL (MCHE Option)	624	581	862	993	1158	1787	1177	1869	772	844	1825	1786	2330	2273	757	760	1182	1184	22764	21939			

NOTE:

Drawings are not contractually binding. Certified drawings will be provided upon request or at time of order.

Dimensional Data

APCY Models - 5395TH, 5410TH
6410TH, 6425TH



LEGEND
1. CONDENSER FAN
2. CONDENSER COIL
3. COMPRESSOR
4. EVAPORATOR
5. CONTROL PANEL
ALL DIMENSIONS ARE IN INCHES [MM]

NOTE
FOR COMPRESSOR WITH SOUND ENCLOSURE UNIT HEIGHT WILL INCREASE BY 8 INCH

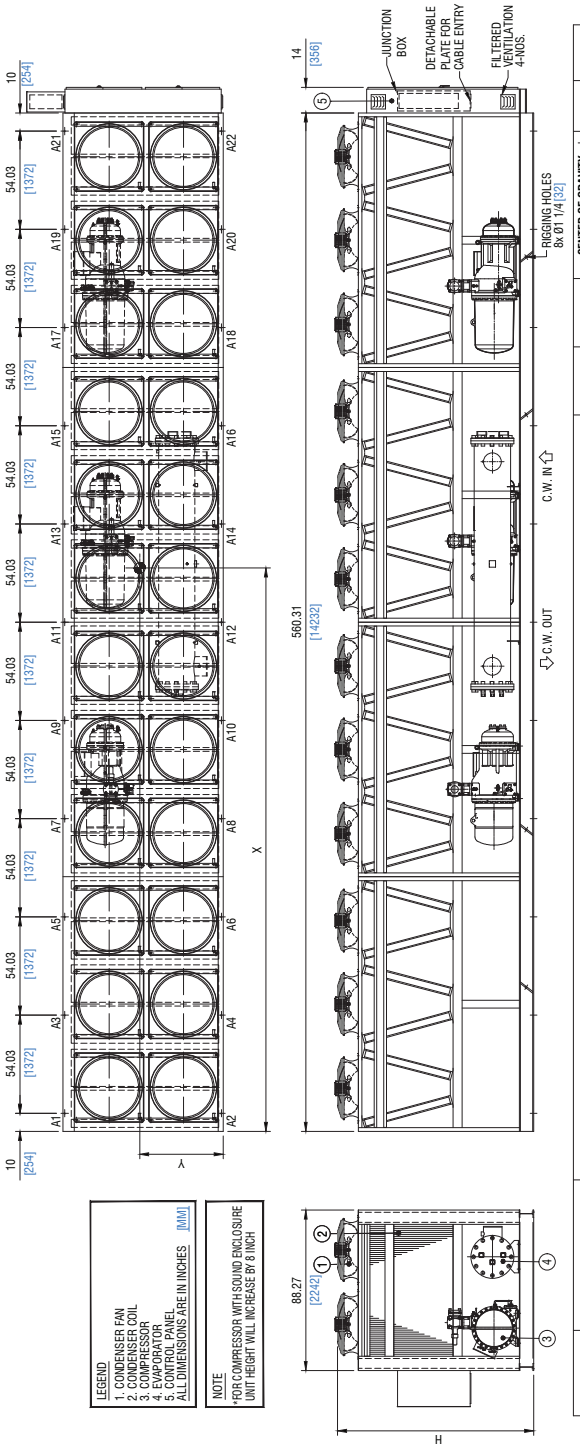
MODEL	CONDENSER COIL TYPE	LOAD AT EACH POINT [LBS]																				OPERATING WEIGHT	SHIPPING WEIGHT	CENTER OF GRAVITY ALUMINIUM FINS (Standard) [IN]		H	C.W. IN/OUT
		A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20			X-AXIS	Y-AXIS		
APCY5395TH	ALUMINIUM FINS (Standard)	800	735	1507	1161	1999	1341	1134	1430	2375	2200	1855	2179	1353	1335	2135	1397	1055	989	1375	1378	29733	28733	264.0	46.24	107.9" [2740]	10" [DN 250]
	COPPER FINS (FC Option)	965	901	1776	1431	2271	1614	1389	1687	2630	2456	2106	2432	1608	1592	2411	1676	1318	1254	1540	1543	34600	33600				
	MICROCHANNEL (MCHE Option)	666	600	1303	955	1793	1133	939	1234	2180	2004	1663	1986	1158	1139	1925	1187	855	787	1242	1243	25992	24993				
APCY5410TH	ALUMINIUM FINS (Standard)	800	735	1507	1161	2000	1341	1134	1430	2376	2200	1855	2180	1396	1351	2298	1456	1071	995	1375	1378	30039	29039	265.3	46.43		
	COPPER FINS (FC Option)	966	902	1776	1431	2271	1614	1389	1687	2631	2457	2106	2432	1651	1608	2574	1734	1334	1260	1540	1544	34907	33905				
	MICROCHANNEL (MCHE Option)	666	600	1303	955	1794	1134	939	1234	2181	2004	1663	1987	1201	1155	2089	1245	871	793	1242	1244	26300	25299				
APCY6410TH	ALUMINIUM FINS (Standard)	793	727	1471	1143	1936	1313	1131	1419	2316	2164	1830	2154	1332	1320	2064	1368	1042	980	1368	1370	29241	28238	264.3	46.10	104.3" [2650]	
	COPPER FINS (FC Option)	958	894	1740	1413	2207	1586	1386	1675	2571	2421	2080	2406	1587	1576	2341	1646	1305	1244	1532	1536	34104	33104				
	MICROCHANNEL (MCHE Option)	658	593	1266	937	1730	1106	936	1223	2121	1968	1638	1961	1137	1124	1855	1157	841	778	1234	1236	25499	24498				
APCY6425TH	ALUMINIUM FINS (Standard)	796	730	1474	1146	1939	1316	1134	1422	2319	2167	1833	2157	1351	1329	2130	1393	1051	985	1371	1373	29416	28414	264.7	46.17		
	COPPER FINS (FC Option)	961	897	1743	1416	2210	1589	1389	1678	2574	2424	2083	2409	1606	1585	2406	1671	1314	1249	1535	1539	34278	33280				
	MICROCHANNEL (MCHE Option)	661	596	1289	940	1733	1109	939	1226	2124	1971	1641	1964	1156	1133	1921	1182	850	783	1237	1239	25674	24674				

NOTE:

Drawings are not contractually binding. Certified drawings will be provided upon request or at time of order.

Dimensional Data

APCY Models - 5425TH, 5455TH, 5475TH, 5495TH, 5520TH
6445TH, 6465TH, 6480TH, 6495TH, 6510TH



MODEL	CONDENSER COIL TYPE	LOAD AT EACH POINT [LBS]																					OPERATING WEIGHT	SHIPPING WEIGHT	CENTER OF GRAVITY ALUMINIUM FINS (Standard) [IN]		H	C.W. IN/OUT
		A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22			X-AXIS	Y-AXIS		
*APCY5425TH	ALUMINIUM FINS (Standard)	786	721	935	932	959	963	1729	1214	1759	1471	1581	2089	2523	2225	1401	1560	1638	1213	2021	1332	1416	1419	31885	30886	308.8	46.33	107.9" [2740]	10" [DN 250]
	COPPER FINS (HC Option)	951	887	1194	1192	1231	1237	1981	1467	2010	1724	1829	2339	2775	2476	1653	1814	1910	1487	2279	1593	1581	1585	37195	36195				
	MICROCHANNEL (MCHE Option)	653	588	737	734	752	755	1537	1020	1566	1277	1391	1899	2330	2029	1208	1366	1432	1006	1823	1134	1283	1285	27805	26805				
*APCY5455TH	ALUMINIUM FINS (Standard)	787	722	936	933	959	964	1846	1257	1927	1667	1825	2686	2710	2679	1523	1858	1639	1214	2280	1594	1582	1585	34323	32817	308.0	45.20		
	COPPER FINS (HC Option)	952	888	1194	1194	1193	1232	1237	2098	2179	1920	2073	2935	2961	2932	1775	2111	1911	1488	2280	1594	1582	1585	39631	38126				
	MICROCHANNEL (MCHE Option)	654	588	738	734	753	756	1654	1064	1734	1473	1636	2495	2517	2485	1330	1664	1433	1007	1824	1135	1284	1286	30244	28737				
APCY5475TH	ALUMINIUM FINS (Standard)	834	769	1005	1003	1032	1037	1914	1326	1995	1735	1892	2753	2777	2747	1591	1926	1767	1307	2180	1436	1464	1467	35957	34449	307.9	45.26	119.4" [3033]	12" [DN 300]
	COPPER FINS (HC Option)	1040	976	1329	1328	1372	1379	2229	1642	2310	2052	2202	3064	3092	3064	1906	2243	2107	1650	2503	1762	1670	1674	42594	41085				
	MICROCHANNEL (MCHE Option)	681	616	779	775	796	799	1694	1104	1774	1513	1675	2534	2557	2525	1370	1704	1531	1070	1953	1209	1311	1313	31283	29775				
APCY5495TH	ALUMINIUM FINS (Standard)	834	769	1005	1003	1032	1037	1914	1326	1995	1735	1911	2760	2880	2785	1613	1934	1767	1307	2180	1436	1464	1467	36154	34646	308.0	45.36		
	COPPER FINS (HC Option)	1040	976	1329	1328	1372	1379	2229	1642	2310	2052	2221	3071	3195	3102	1928	2251	2107	1650	2503	1762	1670	1674	42791	41282				
	MICROCHANNEL (MCHE Option)	681	616	779	775	796	799	1694	1104	1774	1513	1694	2541	2660	2563	1392	1712	1531	1070	1953	1209	1311	1313	31480	29972				
APCY5520TH	ALUMINIUM FINS (Standard)	834	770	1006	1003	1033	1037	1991	1354	2065	1764	1918	2775	2885	2797	1616	1942	1788	1308	2180	1436	1464	1467	36413	34980	307.4	45.44		
	COPPER FINS (HC Option)	1040	977	1329	1329	1373	1379	2306	1671	2380	2081	2227	3087	3200	3114	1931	2259	2108	1650	2504	1762	1670	1674	43051	41616				
	MICROCHANNEL (MCHE Option)	682	616	780	776	796	799	1770	1132	1844	1542	1700	2557	2665	2575	1395	1720	1531	1070	1954	1209	1312	1314	31739	30306				
*APCY6445TH	ALUMINIUM FINS (Standard)	785	720	933	930	957	961	1683	1195	1714	1457	1540	2087	2355	2171	1360	1551	1552	1180	1883	1281	1414	1417	31126	30127	307.4	45.84		
	COPPER FINS (HC Option)	949	885	1192	1191	1229	1235	1935	1449	1966	1711	1787	2337	2607	2424	1612	1805	1824	1454	2142	1541	1579	1583	36437	35436				
	MICROCHANNEL (MCHE Option)	651	586	736	732	750	753	1490	1002	1521	1263	1350	1897	2163	1977	1168	1357	1346	973	1686	1082	1281	1283	27047	26047				
*APCY6465TH	ALUMINIUM FINS (Standard)	787	722	935	932	959	963	1729	1214	1756	1474	1542	2090	2357	2173	1362	1553	1554	1182	1885	1283	1417	1419	31288	30288	307.0	45.90		
	COPPER FINS (HC Option)	951	887	1194	1193	1231	1237	1981	1467	2008	1727	1789	2339	2609	2426	1614	1807	1826	1456	2144	1543	1581	1585	38595	35597				
	MICROCHANNEL (MCHE Option)	653	588	738	734	752	755	1537	1020	1563	1280	1352	1899	2165	1979	1170	1360	1348	975	1688	1084	1283	1285	27208	26208				
*APCY6480TH	ALUMINIUM FINS (Standard)	787	722	935	932	959	963	1729	1214	1756	1474	1542	2090	2371	2159	1371	1545	1639	1213	2021	1333	1417	1419	31591	30589	308.6	46.14	104.3" [2650]	10" [DN 250]
	COPPER FINS (HC Option)	951	887	1194	1193	1231	1237	1981	1467	2008	1727	1789	2339	2623	2413	1623	1798	1911	1487	2280	1593	1581	1585	36898	35898				
	MICROCHANNEL (MCHE Option)	653	588	738	734	752	755	1537	1020	1563	1280	1352	1899	2178	1966	1179	1351	1432	1006	1823	1134	1283	1285	27508	26509				
*APCY6495TH	ALUMINIUM FINS (Standard)	787	722	935	932	959	963	1729	1214	1759	1471	1581	2090	2528	2228	1401	1560	1639	1213	2021	1333	1417	1419	31891	30890	308.8	46.33		
	COPPER FINS (HC Option)	951	887	1194	1193	1231	1237	1981	1467	2011	1725	1829	2339	2775	2476	1653	1814	1911	1487	2280	1593	1581	1585	37200	36199				
	MICROCHANNEL (MCHE Option)	653	588	738	734	752	755	1537	1020	1566	1277	1392	1899	2330	2029	1208	1367	1432	1006	1823	1134	1283	1285	27808	26810				
*APCY6510TH	ALUMINIUM FINS (Standard)	787	722	935	932	959	963	1846	1257	1862	1509	1581	2090	2523	2223	1401	1560	1639	1213	2021	1333	1417	1419	32192	31191	307.8	46.50		
	COPPER FINS (HC Option)	951	887	1194	1193	1231	1237	2098	1510	2114	1763	1829	2339	2775	2476	1653	1814	1911	1487	2280	1593	1581	1585	37501	36500				
	MICROCHANNEL (MCHE Option)	653	588	738	734	752	755	1653	1063	1670	1316	1392	1899	2330	2029	1208	1367	1432	1006	1823	1134	1283	1285	28110	27111				

NOTE:

Drawings are not contractually binding. Certified drawings will be provided upon request or at time of order.

Sound Data - 50.Hz

Model	Sound power level in dB ref 10^{-12} W								Overall dBA
	Spectrum per octave band								
	63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
APCY5080DH	81.8	84.4	84.3	88.4	91.8	88.3	82.5	73.9	**94.8**
APCY5085DH	81.3	84.4	87.2	92.9	92.1	88.5	82.8	74.0	**95.8**
APCY5090DH	80.8	84.4	88.9	95.1	92.3	88.6	83.0	74.1	**96.6**
APCY5095DH	81.0	84.3	87.4	94.8	92.3	89.4	85.4	83.2	**97.0**
APCY5105DH	81.9	85.1	86.0	94.7	92.5	90.6	87.4	86.0	**97.6**
APCY5115DH	81.9	85.1	86.2	98.2	91.6	90.4	86.2	83.6	**98.3**
APCY5125DH	81.9	85.1	86.4	100.1	90.4	90.1	84.6	77.9	**98.9**
APCY5130DH	81.7	85.1	86.4	99.9	91.9	90.5	84.5	77.8	**99.1**
APCY5140DH	82.2	85.9	87.0	99.7	93.2	91.3	85.2	78.1	**99.5**
APCY5155DH	82.8	85.7	98.7	98.0	95.7	90.2	85.2	76.2	**99.8**
APCY5165DH	82.8	85.6	96.9	98.5	96.4	90.6	85.2	76.5	**100.2**
APCY5175DH	82.8	85.6	93.8	99.0	96.9	91.0	85.2	76.7	**100.5**
APCY5185DH	84.1	85.9	92.9	98.2	97.8	91.1	85.2	76.5	**100.7**
APCY5195DH	85.4	86.9	92.1	97.4	98.6	91.5	85.8	77.0	**101.0**
APCY5210DH	85.2	86.8	91.7	96.7	99.4	91.5	85.7	76.9	**101.3**
APCY5230DH	85.0	86.8	91.4	96.0	100.0	91.4	85.6	76.7	**101.6**
APCY5250DH	84.5	87.2	90.5	99.2	99.2	92.1	86.5	77.5	**101.8**
APCY5265DH	83.4	87.0	89.1	101.0	98.0	92.3	86.7	77.7	**101.9**
APCY5285DH	84.3	87.6	89.7	99.6	99.2	92.7	87.1	78.2	**102.0**
APCY5300DH	84.6	87.6	89.8	97.3	100.1	92.9	87.0	78.3	**102.1**
APCY5325DH	84.9	88.1	90.7	96.4	100.8	92.8	87.3	78.6	**102.5**
APCY5345DH	84.8	88.1	91.2	95.1	101.4	92.5	87.2	78.5	**102.7**
APCY5365TH	86.4	88.8	92.6	100.1	101.2	93.6	88.0	79.0	**103.5**
APCY5380TH	85.8	88.7	91.7	101.6	100.6	93.8	88.1	79.1	**103.5**
APCY5395TH	85.3	88.9	91.0	102.8	99.8	94.1	88.6	79.6	**103.7**
APCY5410TH	85.6	89.0	91.1	101.9	100.6	94.2	88.5	79.6	**103.7**
APCY5425TH	86.1	89.4	91.5	100.7	101.3	94.5	88.8	80.0	**103.8**
APCY5455TH	86.4	89.4	91.6	99.1	101.9	94.6	88.7	80.0	**103.9**
APCY5475TH	86.3	89.4	92.0	98.4	102.3	94.4	88.6	79.9	**104.0**
APCY5495TH	86.3	89.4	92.4	97.6	102.7	94.1	88.6	79.8	**104.2**
APCY5520TH	86.2	89.4	92.7	96.7	103.1	93.9	88.5	79.7	**104.3**

Model	Sound pressure level in dB ref $2x10^{-5}$ Pa @ 1meter in free field								Overall dBA
	Spectrum per octave band								
	63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
APCY5080DH	64.8	67.5	67.4	71.5	74.9	71.3	65.6	56.9	**77.9**
APCY5085DH	64.4	67.5	70.2	76.0	75.1	71.5	65.8	57.0	**78.9**
APCY5090DH	63.8	67.5	71.9	78.2	75.4	71.7	66.1	57.2	**79.7**
APCY5095DH	64.1	67.3	70.4	77.9	75.3	72.5	68.5	66.3	**80.0**
APCY5105DH	64.5	67.7	68.6	77.3	75.1	73.2	70.0	68.6	**80.2**
APCY5115DH	64.5	67.7	68.8	80.8	74.2	73.0	68.8	66.2	**80.9**
APCY5125DH	64.5	67.7	69.0	82.7	73.0	72.7	67.2	60.5	**81.5**
APCY5130DH	64.3	67.7	69.0	82.5	74.5	73.1	67.1	60.4	**81.7**
APCY5140DH	64.3	68.0	69.1	81.8	75.3	73.4	67.3	60.2	**81.6**
APCY5155DH	64.9	67.8	80.8	80.1	77.8	72.3	67.3	58.3	**81.9**
APCY5165DH	64.9	67.7	79.0	80.6	78.5	72.7	67.3	58.6	**82.3**
APCY5175DH	64.9	67.7	75.8	81.1	79.0	73.1	67.3	58.8	**82.6**
APCY5185DH	66.2	68.0	75.0	80.3	79.9	73.2	67.3	58.6	**82.7**
APCY5195DH	67.0	68.5	73.7	79.0	80.2	73.2	67.5	58.7	**82.6**
APCY5210DH	66.8	68.4	73.4	78.4	81.0	73.1	67.4	58.5	**82.9**
APCY5230DH	66.6	68.4	73.0	77.6	81.6	73.0	67.3	58.3	**83.2**
APCY5250DH	65.7	68.4	71.7	80.4	80.4	73.3	67.7	58.7	**83.0**
APCY5265DH	64.6	68.2	70.3	82.2	79.2	73.5	67.8	58.9	**83.1**
APCY5285DH	65.1	68.4	70.5	80.4	80.0	73.6	67.9	59.0	**82.9**
APCY5300DH	65.5	68.4	70.6	78.2	80.9	73.7	67.8	59.1	**82.9**
APCY5325DH	65.4	68.6	71.2	76.9	81.3	73.3	67.8	59.1	**82.9**
APCY5345DH	65.3	68.6	71.7	75.5	81.9	72.9	67.7	58.9	**83.2**
APCY5365TH	66.5	68.9	72.7	80.3	81.3	73.7	68.1	59.1	**83.6**
APCY5380TH	65.9	68.8	71.9	81.8	80.7	73.9	68.2	59.2	**83.6**
APCY5395TH	65.1	68.7	70.8	82.6	79.6	74.0	68.4	59.4	**83.5**
APCY5410TH	65.4	68.8	70.9	81.7	80.4	74.1	68.3	59.4	**83.5**
APCY5425TH	65.7	68.9	71.0	80.2	80.8	74.1	68.3	59.5	**83.4**
APCY5455TH	65.9	68.9	71.1	78.6	81.4	74.2	68.3	59.6	**83.4**
APCY5475TH	65.6	68.7	71.3	77.7	81.6	73.7	67.9	59.2	**83.3**
APCY5495TH	65.6	68.7	71.7	77.0	82.0	73.4	67.9	59.1	**83.5**
APCY5520TH	65.5	68.7	72.0	76.0	82.4	73.2	67.8	59.0	**83.6**

NOTE:

Octave band sound values are non A-Weighted.

Sound Pressure Level according to ISO 3744, full load operation at 95ºF (35ºC) ambient and 44ºF (6.7ºC) / 54ºF (12.2ºC) evaporator leaving and entering water temperatures.

Sound Data - 60.Hz

Model	Sound power level in dB ref 10^{-12} W								Overall dBA
	Spectrum per octave band								
	63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
APCY6095DH	82.4	101.5	98.9	102.8	98.3	93.5	86.2	69.0	**103.2**
APCY6100DH	81.9	101.5	99.1	103.1	98.4	93.5	86.3	69.5	**103.4**
APCY6110DH	81.4	101.5	99.2	103.5	98.5	93.6	86.5	69.9	**103.6**
APCY6115DH	82.0	102.1	99.7	104.0	99.0	94.5	88.5	83.9	**104.2**
APCY6125DH	82.5	102.7	100.2	104.5	99.4	95.2	89.8	86.8	**104.8**
APCY6135DH	82.5	102.7	100.2	105.2	99.2	95.1	89.0	84.2	**105.0**
APCY6145DH	82.5	102.7	100.2	105.8	98.9	95.0	87.9	76.7	**105.1**
APCY6160DH	83.0	103.7	101.2	106.3	100.1	95.9	88.7	76.7	**105.9**
APCY6170DH	82.8	103.7	101.2	106.3	100.3	96.1	88.7	76.4	**106.0**
APCY6185DH	83.5	103.7	103.4	105.9	101.1	95.6	88.7	71.8	**106.1**
APCY6195DH	83.4	103.7	102.7	106.0	101.3	95.8	88.7	72.6	**106.2**
APCY6205DH	83.4	103.7	101.9	106.1	101.6	95.9	88.7	73.3	**106.3**
APCY6220DH	85.1	104.5	102.4	106.5	102.5	96.6	89.4	73.2	**106.9**
APCY6230DH	86.0	104.5	102.3	106.3	102.8	96.6	89.4	72.7	**107.0**
APCY6240DH	86.0	104.5	102.3	106.3	102.8	96.6	89.4	72.7	**107.0**
APCY6260DH	86.1	105.1	102.9	106.8	103.6	97.1	90.0	72.6	**107.6**
APCY6275DH	85.9	105.1	102.8	106.8	103.9	97.1	89.9	71.9	**107.7**
APCY6300DH	85.4	105.7	103.3	107.7	103.8	97.7	90.6	73.0	**108.2**
APCY6320DH	84.4	105.7	103.2	108.1	103.3	97.8	90.7	73.5	**108.2**
APCY6340DH	85.2	106.2	103.7	108.2	104.1	98.3	91.1	74.0	**108.6**
APCY6360DH	85.6	106.2	103.7	107.9	104.5	98.3	91.1	74.1	**108.6**
APCY6385DH	85.8	106.7	104.2	108.2	105.1	98.6	91.4	74.0	**109.0**
APCY6405DH	85.7	106.7	104.2	108.1	105.4	98.5	91.4	73.5	**109.1**
APCY6410TH	87.8	107.1	104.8	108.7	105.8	99.1	91.9	73.9	**109.6**
APCY6425TH	87.3	107.1	104.7	109.0	105.5	99.1	92.0	74.3	**109.6**
APCY6445TH	86.9	107.5	105.0	109.6	105.4	99.5	92.4	75.0	**109.9**
APCY6465TH	86.2	107.5	105.0	109.9	105.1	99.5	92.4	75.3	**109.9**
APCY6480TH	86.5	107.5	105.0	109.7	105.4	99.6	92.4	75.4	**109.9**
APCY6495TH	86.8	107.5	105.0	109.4	105.7	99.6	92.4	75.5	**110.0**
APCY6510TH	87.0	107.5	105.0	109.2	106.0	99.6	92.3	75.6	**110.0**

Model	Sound pressure level in dB ref $2x10^{-5}$ Pa @ 1meter in free field								Overall dBA
	Spectrum per octave band								
	63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
APCY6095DH	65.5	84.6	82.0	85.9	81.4	76.6	69.3	52.1	**86.3**
APCY6100DH	65.0	84.6	82.2	86.3	81.5	76.7	69.5	52.6	**86.5**
APCY6110DH	64.5	84.6	82.4	86.6	81.6	76.7	69.6	53.0	**86.7**
APCY6115DH	64.7	84.8	82.4	86.7	81.6	77.2	71.1	66.5	**86.9**
APCY6125DH	65.2	85.4	82.9	87.1	82.1	77.9	72.5	69.5	**87.4**
APCY6135DH	65.2	85.4	82.9	87.8	81.9	77.8	71.6	66.9	**87.6**
APCY6145DH	65.2	85.4	82.9	88.4	81.6	77.7	70.6	59.4	**87.8**
APCY6160DH	65.1	85.8	83.3	88.5	82.2	78.1	70.9	58.8	**88.1**
APCY6170DH	65.0	85.8	83.3	88.4	82.5	78.2	70.9	58.6	**88.2**
APCY6185DH	65.6	85.8	85.6	88.0	83.3	77.8	70.9	53.9	**88.3**
APCY6195DH	65.6	85.8	84.9	88.1	83.5	77.9	70.9	54.8	**88.4**
APCY6205DH	65.6	85.8	84.1	88.3	83.8	78.1	70.9	55.5	**88.5**
APCY6220DH	66.8	86.2	84.1	88.2	84.2	78.3	71.1	54.9	**88.6**
APCY6230DH	67.7	86.2	84.0	88.0	84.5	78.3	71.1	54.4	**88.7**
APCY6240DH	67.7	86.2	84.0	88.0	84.5	78.3	71.1	54.4	**88.7**
APCY6260DH	67.4	86.4	84.1	88.1	84.9	78.4	71.2	53.8	**88.9**
APCY6275DH	67.2	86.4	84.1	88.0	85.2	78.4	71.2	53.2	**89.0**
APCY6300DH	66.3	86.6	84.2	88.6	84.7	78.6	71.5	53.9	**89.1**
APCY6320DH	65.3	86.6	84.1	89.0	84.2	78.7	71.6	54.4	**89.1**
APCY6340DH	65.8	86.8	84.3	88.8	84.6	78.8	71.7	54.6	**89.1**
APCY6360DH	66.1	86.8	84.3	88.4	85.1	78.8	71.6	54.7	**89.2**
APCY6385DH	66.0	86.9	84.4	88.4	85.3	78.8	71.6	54.2	**89.2**
APCY6405DH	65.9	86.9	84.4	88.3	85.6	78.6	71.6	53.7	**89.3**
APCY6410TH	67.7	87.0	84.7	88.6	85.7	78.9	71.8	53.8	**89.5**
APCY6425TH	67.1	87.0	84.6	88.9	85.4	79.0	71.8	54.2	**89.5**
APCY6445TH	66.5	87.1	84.6	89.2	85.0	79.1	72.0	54.6	**89.5**
APCY6465TH	65.8	87.1	84.6	89.5	84.7	79.2	72.0	54.9	**89.5**
APCY6480TH	66.1	87.1	84.6	89.3	85.0	79.2	72.0	55.0	**89.6**
APCY6495TH	66.4	87.1	84.6	89.0	85.3	79.2	72.0	55.1	**89.6**
APCY6510TH	66.6	87.1	84.6	88.8	85.6	79.2	71.9	55.2	**89.6**

NOTE:

Octave band sound values are non A-Weighted.

Sound Pressure Level according to ISO 3744, full load operation at 95ºF (35ºC) ambient and 44ºF (6.7ºC) / 54ºF (12.2ºC) evaporator leaving and entering water temperatures.

Location And Space Requirements

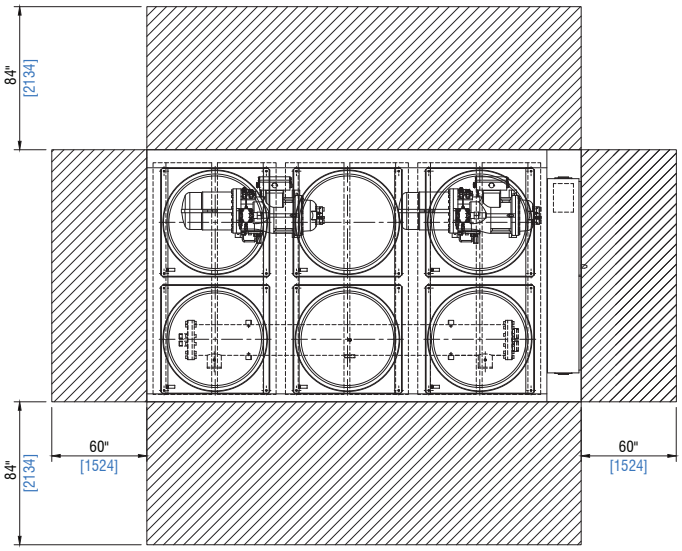
To enhance system performance and operating economy, certain precautions should be followed before installation.

1. There should be no obstruction on the air discharge.

2. Unit must not be installed in a pit or near a parapet wall that is taller than the unit height.

3. Orient the unit so that prevailing winds blow parallel to unit length. If it is not practical to orient in this manner, a wind deflecting shield should be considered.

4. Provide adequate clearance on all sides of the unit for service access and avoid coil starvation. Refer to figure below for recommended clearances.



Recommended Clearances

It is a necessity that the units are installed with adequate free space around them to ensure proper circulation of air that is rejected by the condensers and to provide adequate space for unit access for servicing and maintenance. There is a possibility of recycling of air if the rejected air from condenser encounters any obstacles leading to an increase in the ambient air temperature surrounding the units.

Air distribution across the entire heat exchange area will be impaired if the air outlet is obstructed. These conditions lead to a reduction in the heat exchange capacity of the coils causing an increase in discharge pressure of the compressors. This leads to a loss of capacity & increase in compressor power input.

Units should not be completely shrouded with higher uninterrupted windshield in order to prevent reversing airflow. In case such configuration cannot be avoided, a properly designed exaust duct or hood that does not influence any additional pressure on the fans and which of the same height as sorrounding shiled to be installed. For installation involving more than three chillers, consult SKM for acceptable clearance.

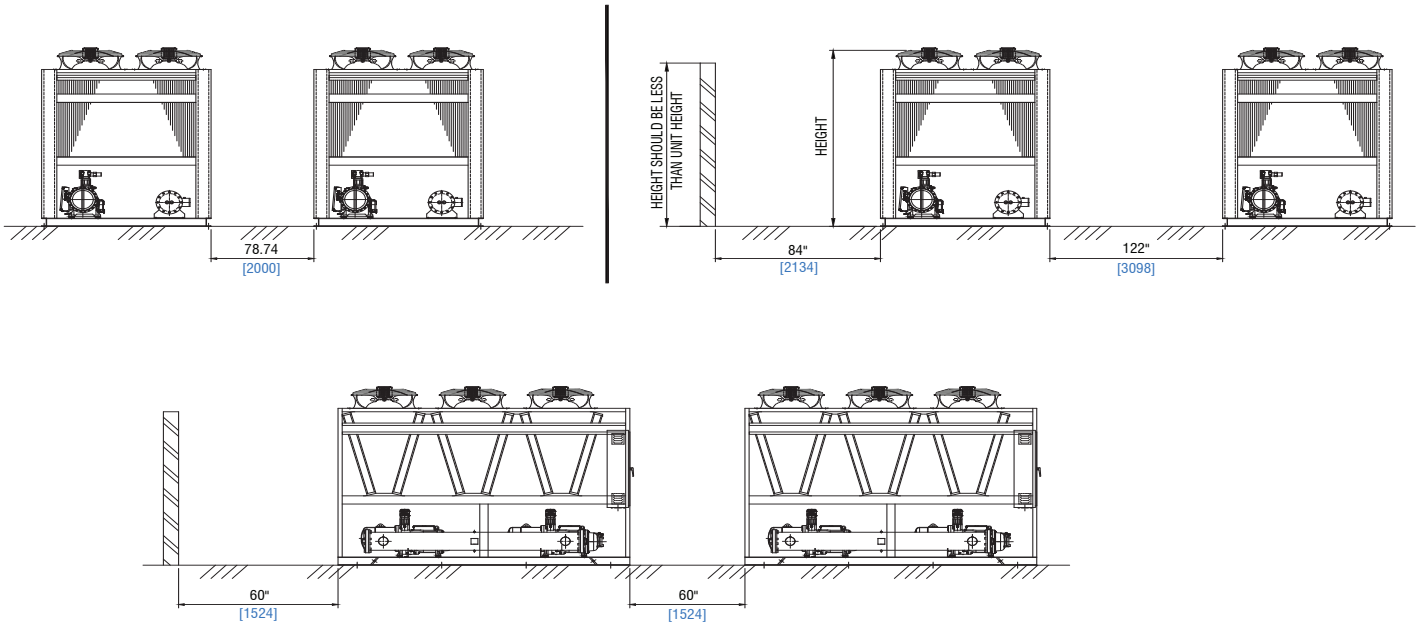


Figure 1

Foundation and Vibration Isolation

The unit must be placed on a suitable flat level hard ground or on a custom-made rooftop location with sufficient strength and mass, carrying or supporting structure should be capable of handling complete operating weight of the unit.

Ground level locations

Make sure that the concrete base is stable and does not settle nor dislocate upon installation. Unit must be installed on a flat level concrete base that extends to fully support the two side channels of the unit base frame. Use a one-piece concrete slab with appropriate footings extended below the frost line is recommended. The slab should not be connected to the main building foundation to avoid noise and vibration transmission. The base should also be located where no runoff of water from higher ground can collect in the unit.

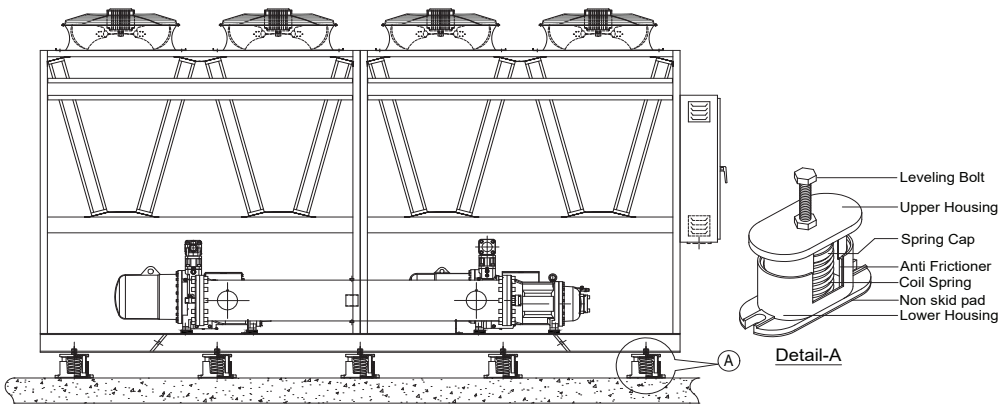
Roof Top locations

To avoid possible property damage or personal injury, the roof must have sufficient structural strength to carry the weight of the unit(s) & service personnel. The unit can be mounted on a concrete slab, similar to ground floor locations, or on steel channels of suitable strength to support the unit above the roof. To prevent the transmission of noise and vibration, the concrete slab / steel channels should be isolated from the main building structure in any method that is efficient.

The roof must be reinforced for supporting the individual point loads at the mounting isolator locations. It must be checked and ensured that the concrete base is perfectly horizontal and levelled.

Isolators are recommended for all roof-mounted installations due to vibration transmission considerations.

In both cases an adequate supply of air is required for proper airflow. Avoid locations where the sound output and air discharge from the unit may be objectionable. Using less clearances can cause discharge air recirculation to condenser and could significantly reduce unit performance and affect the unit operation.



NOTE :

SKM can supply CAVM Spring type Anti-vibration mounts (optional). The CAVM has a deflection of 25mm and each rated load can be distinguished easily as it is represented by different colours.

Floating floor is necessary for installations which acoustic/vibrations parameters are critical, Acoustic and Vibration specialist should be involved.

SKM is not liable for equipment damage resulting from an improperly designed or constructed foundation.

Water Piping Practices

SKM suggests abiding by the local authorities' chilled water piping recommendations and practices as they can provide the installer the building and safety codes required for the installation.

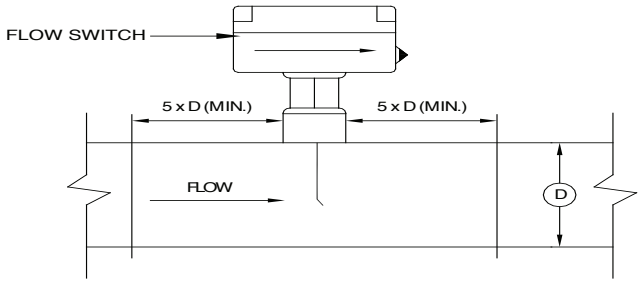
Water piping should be designed to have a minimum number of bends and horizontal piping levels. Below are the following components it should have:

1. Temperature and pressure gauges in entering and leaving chiller water piping for unit servicing and commissioning. Pressure gauges must be installed on the same level.
2. Flexible connection in entering and leaving chilled water piping to lessen the sound and vibration transmitted to the building.
3. Pipe strainer in the evaporator entering piping to protect the evaporator from water debris and maintain chiller efficiency. A maximum mesh size of 1.5mm is recommended.
4. Water flow switch in the leaving chilled water piping, wired to the terminals provided in the control panel, to make sure that it has sufficient flow of water in the evaporator. This will prevent the evaporator from freezing up when the water flow is interrupted and avoid compressor slugging on start-up.

NOTES:

A. The recommended minimum distance upstream and downstream of the Water flow switch is about 5 times the pipe's diameter.

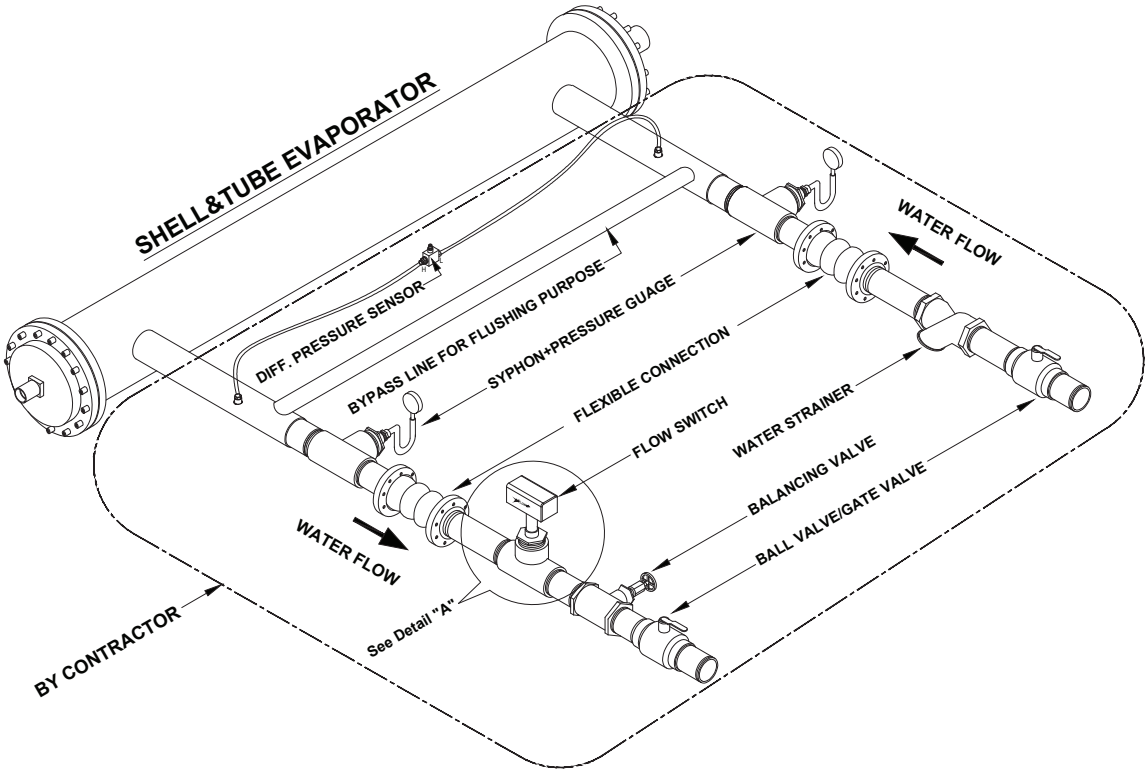
DETAIL "A"



B. Water flow switch must be installed vertically on horizontal pipe runs.

C. When installed, make sure that the vane has full range of motion and is not-hindered by contacting the wall of a pipe, bushing, or tee.

5. To isolate the unit from the piping system when servicing or during maintenance, install a shut off valve on the entering and leaving chilled water piping.
6. Expansion Tank provides additional space in the chilled water piping system as temperature rises and furthermore, it maintains a positive pressure within the working limitations of the system.
7. Air Vents at high points in the chilled water system to bleed air from the system.
8. Vapor barrier on the outside of the insulation to avoid condensation in the cold surface of the pipe that may cause damage on the building structure. A thorough leak test should be made before insulating the pipe.
9. Thermometers at the inlet and outlet connections of the evaporator.
10. Water pressure gauge connection taps and gauges at the inlet and outlet connections of the evaporator for measuring water pressure drop.
11. Shutoff valves are necessary to isolate the unit from the piping during unit servicing.
12. Minimum bends and changes in elevation to minimize pressure drop.
13. An expansion tank or regulating valve to maintain adequate water pressure
14. Flush the system water piping thoroughly before making connections to the unit evaporator,pipe not to be connected with chiller until the water quality criteria been obtained.
15. Piping insulation, including a vapor barrier, helps prevent condensation and reduces heat loss.
16. Regular water analysis and chemical water treatment for the evaporator loop is recommended immediately at chiller start-up.
17. Differential pressure sensor to be installed and fixed before the bypassline between the water inlet and outlet connections of the evaporator. Tube hosing of 1/4" O.D. to be used and will be by contractor scope.



Typical Chilled Water Piping

Figure 2

SKM recommends hiring services of water treatment specialist to determine the type of necessary treatment. Improper or untreated chilled water leads to scaling, erosion, corrosion or algae that can cause inefficient operation and tube damage.

SKM will not be liable for damages caused by improper or untreated chilled water.

Water Loop Volume

In chilled water system, presence of sufficient volume of water in the piping system is crucial to achieve proper operation, unfortunately, some systems will run with less water volume than needed, this will result in inconsistent system operation and uncontrolled compressor cycling, this condition is called “Short water loop”.

If our building for example didn’t provide enough water volume to achieve stable controls, a storage tank should be installed to increase the water volume.

In a standard air conditioning application, the tank should be sized to attain at least 2.5-4 minutes water loop, at nominal condition (ambiemt air temperatureof 95°F and evaporator water entering/leaving temperature of 54°F / 44°F) and 6 minutes water loop for process cooling systems.

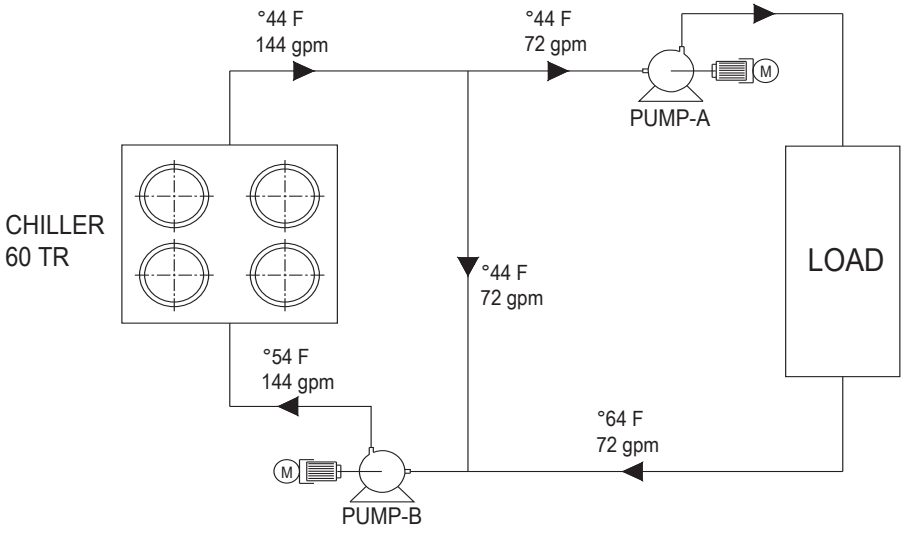
Having enough water loop time, hence enough water volume in the evaporator loop will prevent irregular compressor cycling, which means smoother operation.

Evaporator Water Flow Rate and Temperature Range

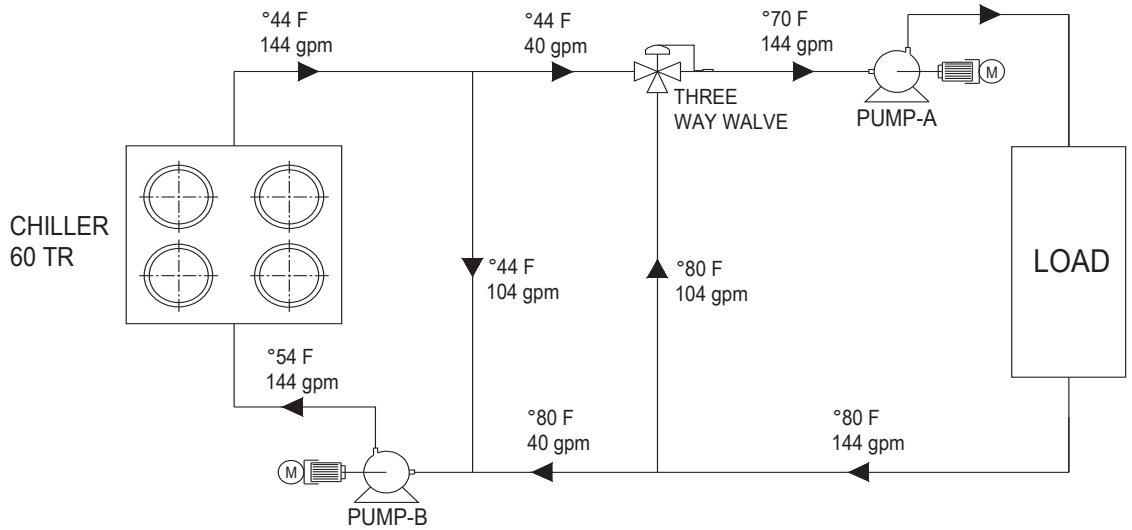
SKM Chiller can operate at wide evaporator temperature range, 6.00ºF (3.33ºC) - 16.20ºF (9.00ºC), within the water flow rate limits, and is flexible enough to permit leaving water temperatures ranging from 40ºF (4.4ºC) - 50ºF (10ºC). The minimum and maximum water flow rates of each evaporator are shown in the Evaporator Water Pressure Drop table.

Although in a lot of process cooling applications, it could be found that the flow rates or leaving temperatures are outside the specified limits, however this can be solve by making changes in the chilled water piping arrangement.

EVAPORATOR WATER FLOW RATE OUTSIDE OF SPECIFIED LIMITS



EVAPORATOR WATER TEMPERATURE OUTSIDE OF SPECIFIED LIMITS



Unit Sizing

It is strongly recommended to size the chiller for the present load. For future expansion, it is recommended to install another chiller to meet the additional load demand.

Over sizing of chillers by more than 10% at design conditions must be avoided. Over sizing causes energy inefficiency (more power consumption), erratic system operation and shortened compressor life due to excessive cycling of compressors.

Multiple Chiller Operation

If the capacity requires installing more than one chiller unit or where standby units are desired, units should be of equal size (or near) to ensure balanced water flow.

SKM recommends that water flow supply & return are connected either parallel in case of range < 16°F (8.9°C) or in series if range > 16°F (8.9°C).

Chilled Water Piping for Typical Multiple Chiller Installation

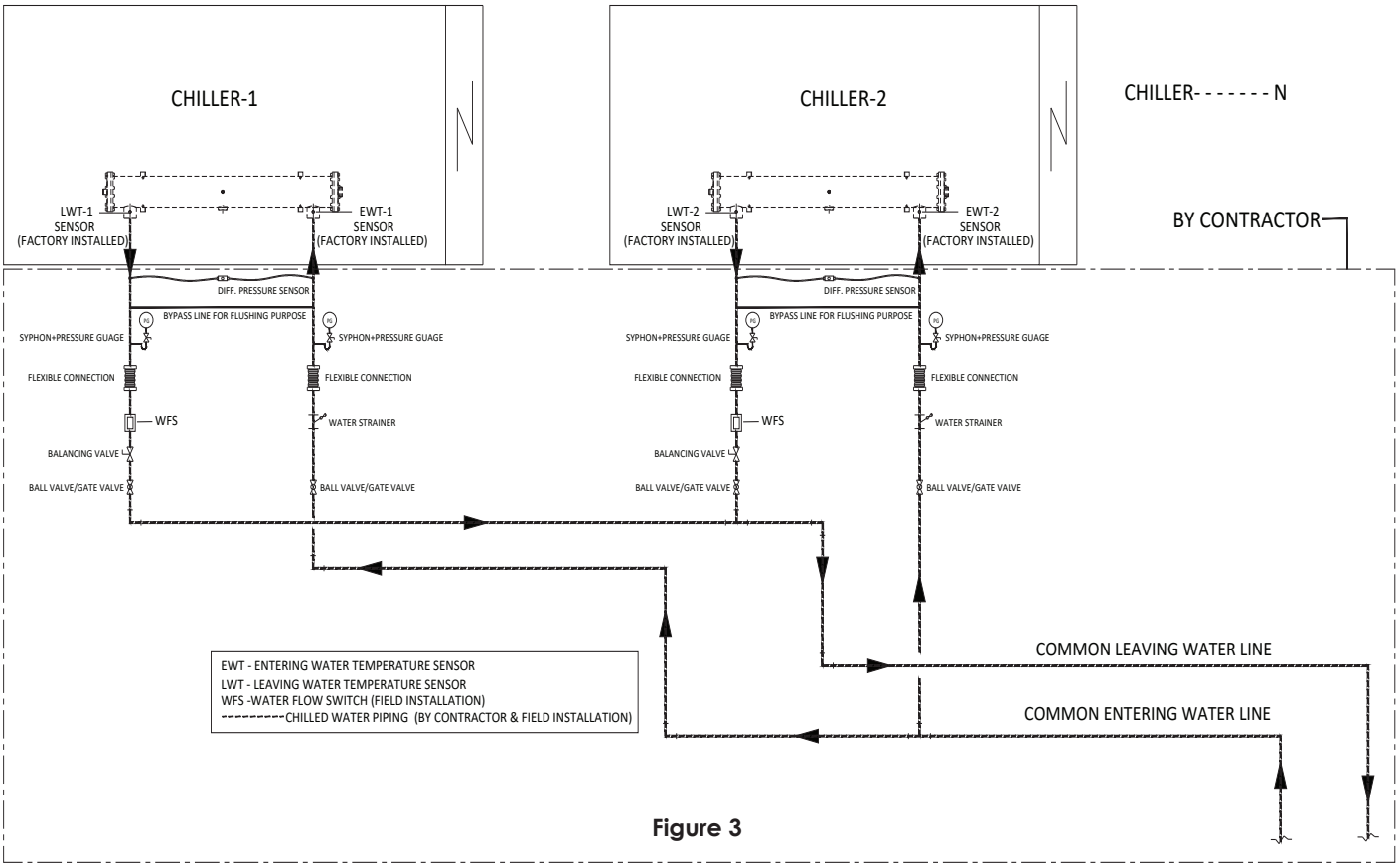


Figure 3

GUIDE SPECIFICATIONS

GENERAL

The contractor shall supply and install factory assembled air-cooled packaged water chillers, the number and capacity of which shall be as indicated in the capacity schedule shown on the drawings.

Each machine shall consist of at least one refrigerating circuit comprising of semi hermetic compact screw compressor(s), air-cooled condenser, evaporator, interconnecting refrigerant piping, controls, safety devices and accessories.

The machine shall be factory assembled, leak tested, evacuated and completely charged with refrigerant R-134a. All factory wiring and piping shall be contained within the machine enclosure. All electrical components shall be protected from the weather.

Air cooled chillers shall be rated in accordance with AHRI-550/590. Each machine shall be capable of operating satisfactorily in a wide range of ambient air temperatures ranging from 25°F (-4°C) to 131°F (55°C).

Unless indicated otherwise on electrical wiring diagram, each unit shall be factory equipped to connect to only one electrical power feeder with the necessary circuit breakers.

Each unit shall be mounted on anti vibration isolators flexible enough to dampen any vibrations.

QUALITY ASSURANCE

Chillers shall be designed and manufactured as per SKM Quality, Environment, Occupational, Health and Safety Management System that confirms with ISO 9001:2015, ISO 14001:2015, and ISO 45001:2018.

Chillers shall be certified in accordance with the AHRI Air-Cooled Water-Chilling Packages Certification Program, which is based on AHRI Standard 550/590 (I-P) and AHRI Standard 551/591(SI).

Chillers shall be design in accordance to ASHRAE 90.1 (Energy Standard for Buildings Except Low-Rise Residential Buildings).

Unit construction shall be designed and manufactured in accordance with following European directives:
2006/42/EC Machinery Directive
97/23/EC Pressure Equipment Directive
2006/95/EC Low Voltage Equipment
2004/108/EC Electromagnetic Compatibility
IEC 60335-2-40

COMPRESSOR

Compressor shall be high performance and high efficiency screw type. The compressor shall be driven by an electric motor in a single housing. For stability and additional sound attenuation, the rotors shall be mounted in a double wall housing.

The compressor motor shall be refrigerant gas cooled. Each compressor shall be mounted on anti-vibration mounts to minimize vibration transmission.

Compressor shall have discharge stop off valves, built in three-stage oil separator, oil heater, oil sight glass, oil drain service valves and discharge check valve.

Compressor shall have automatic start unloading and shall have infinite capacity control. Each compressor shall be provided with safety devices including check valve in discharge gas outlet, motor winding temperature protection by integrated PTC sensors in each winding, phase sequence protection for direction of rotation, discharge temperature protection, oil pressure and oil level protection.

All compressors shall be provided with star-delta starter and an individual 3 pole MCCB for short circuit protection & Isolation. Individual 3 pole contactors for switching of the compressors shall be rated for AC3 duty

EVAPORATOR

The evaporators shall be direct expansion shell and tube with removable head. Evaporator shell is made of carbon steel, tubes of copper fixed to steel end plates, baffles are provided in the water flow to increase heat transfer efficiency. Evaporators are provided with drain and vent plugs. Evaporator shell is insulated with 3/4" (19mm) thick flexible closed cell insulation, K factor 0.28 Btu. in/ft².h.°F (0.04W/m.°K).

Maximum working pressure of waterside is 145 psig (1000 kPa) and refrigerant side is 239.3 psig (1650 kPa).

CONDENSER COIL

Condenser coil shall be air cooled and shall be constructed of seamless Hi-X copper tubes, maximum 4 rows deep, 3/8" (9.52 mm) O.D. and mechanically bonded to the wavy type aluminum fins .

Fins spacing shall be maximum 14 FPI (1.81 mm). Slit fins shall not be accepted. Aeris or precoated fins shall be used for saline and corrosive environment.

The coils shall be tested against leakage by air pressure of 525 psig (3620 kPa) under water.

GUIDE SPECIFICATIONS

CONDENSER FAN

The machine shall be furnished with direct driven propeller type discharging air upward condenser fans. Fans shall be constructed of corrosion resistant blades such as heavy gauge aluminum. The fan and drive shall be held in proper alignment. Fan assemblies shall be provided with heavy gauge, rust resistant steel. The fan assembly shall be protected with an acrylic coated steel wire fan guard. All condenser fans shall be individually statically and dynamically balanced for vibration free operation.

Condenser fan motor shall be Totally Enclosed Air Over (TEAO), 3-phase type, 6 poles with Class F insulation, Class B temperature rise and IP55 protection. Also, Motor shall be with permanently lubricated bearings and inherent corrosion resistance shaft.

Condenser fan motors shall be provided with individual 3 pole motor protector circuit breakers and contactor rated for AC3 duty operation.

EXPANSION VALVE

Expansion valve shall be electronic type for precise control refrigerant mass flow. Our electronic expansion valve improves EER (Energy Efficiency Ratio) at full & part-load condition. Also it improves temperature control & increases the range of operating conditions.

REFRIGERANT PIPING

The refrigeration circuit piping shall be fabricated from ACR grade copper piping. Each refrigeration circuit includes filter drier, electronic expansion valve, and shut off valve. The refrigeration circuit suction line is insulated with ½" (13mm) wall thickness closed cell pipe insulation.

CASING AND STRUCTURE

The unit casing shall be made of zinc coated galvanized steel sheets conforming to JIS-G 3302 and ASTM A653 which is phosphatized and baked after an electrostatic powder coat of approximately 60 microns. This finish and coating can pass a 1000 hours in 5% salt spray testing at 95°F (35°C) and 95% RH as per ASTM B117.

The units are assembled on rigid structural steel skid channels painted with one coat galvanized primer and one coat black enamel. The package is assembled for easy handling during transportation and robust support during installation and operation. of rust-preventing black enamel.

CONTROL PANEL & CONTROLS

Control panel enclosure shall be fabricated out of heavy gauge steel in phosphatized, powder coated baked finish. The enclosure shall be conformed to IP54 as per guidelines in IEC 529. A hinged access door and key fastener shall be provided for easy access and security.

The control panel shall be ventilated using louvers and filters. The panel shall be factory wired in accordance with NEC 430 & 440, labeled, tagged and have 1 phase, 220 / 240 V for controls.

Control Panel should include the following components as minimum :

- Individual compressor and condenser fan motor contactors.
- Thermal magnetic circuit breakers for compressors and condenser fan motors.
- Voltage monitoring module for protection against under voltage, over voltage, phase loss, phase reversal and phase unbalance of the incoming voltage.
- Circuit breaker for control circuit.
- Remote/Off/Local selector switch.
- Microprocessor master board with graphical display.
- Microprocessor expansion boards as required.
- Electronic expansion valve control boards.
- Control Relays.
- Pump down switches.
- Volt free contacts for run, common fault and auto mode indications.
- Provision for accepting volt free contact for remote start/ stop.
- Control terminal blocks and power terminal blocks/bus bars.

A Microprocessor must be provided to control the chiller as a standard. The controller shall provide the flexibility with set points and control options that can be selected prior to the commisioning. The microprocessor shall provide a complete operational control for the chiller and shall have built-in auto diagnostic capability that can signal off normal operation or alarm conditions as well as shutting down the chiller.

The Master Micro Controller board shall have sensor inputs, digital inputs, relay outputs 0-10 Vdc analog outputs, keypad, graphics LCD with 2.8" diagonal viewing area, real time clock, RS-232, RS-485 and ethernet communication ports.

GUIDE SPECIFICATIONS

THE MAIN FEATURES OF THE CONTROLLER SHALL SHALL BE AS FOLLOWS :

- A large graphical display with backlit that can be seen in bright or dim lighting..
- A user friendly nine button generic keypad.
- Battery backed up built-in real time clock to program two start/step daily and provide the information of running hours of the compressors.
- A multiple level passwords for security.
- Automatic lead/lag changeover of the compressors.
- Pump down at the beginning and end of every circuit cycle.
- Capacity control based on leaving chilled water temperature.
- Remote Start/Stop facility through Volt Free Contact.
- Volt Free Contacts for common Run, Fault and Remote mode operation status.

EASY ACCESSIBLE MEASUREMENTS SHALL INCLUDE THE FOLLOWING :

- Status of the chiller.
- Status of each circuit/compressor.
- Status of condenser fans.
- Leaving and Entering chilled water temperature.
- Suction pressure and temperature for each refrigerant circuit.
- Discharge pressure and temperature for each refrigerant circuit.
- Suction and discharge superheat for each refrigerant circuit.
- Winding temperature for each compressor.
- Ampere draw for each compressor.
- Expansion valve opening percentage.
- Ambient temperature.
- All active set points.
- Run time for each compressor.
- Number of compressor starts.
- Lockout and alarm status.
- Status of water flow switch, voltage monitor, compressor internal motor protector, oil level switch, run/stop input and pump down switches.
- Log of last 100 alarms.
- Lead compressor identification.
- Date and time.
- Graphs of all inputs and outputs.

THE FOLLOWING SYSTEM PROTECTION CONTROLS SHALL AUTOMATICALLY ACT TO ENSURE SYSTEM RELIABILITY AND PROTECTION OF THE UNIT THROUGH THE MICROPROCESSOR:

- Low suction pressure protection.
- High discharge pressure protection.
- High discharge temperature protection.
- Low discharge pressure protection.
- Low oil level protection.
- High compressor motor winding temperature protection.
- Low superheat protection.
- High compressor ampere protection.
- Compressor internal thermal protection.
- Freeze protection.
- Under voltage, over voltage, phase loss, phase reversal and phase unbalance protection.
- Chilled water flow loss protection.
- Sensor error protection.
- Pump down.
- Anti-recycle.
- Time delay between stages.
- 4-Levels of passwords to restrict the intentional mishandling.

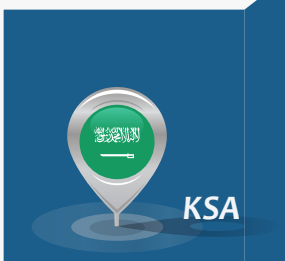
NOTES

NOTES

Contact us

SKM Offices

P.O Box: 6004, Sharjah, United Arab Emirates
Tel: +971 6 514 3333 | Fax: +971 6 514 3300
Email: sales@skmaircon.com | info@skmaircon.com
Spare Parts Division: spareparts.skm@skmaircon.com
Service Centre: aftersales@skmaircon.com
Toll Free: 800 MYSKM (69756) (UAE only)



PC: 34326, 2nd Industrial City, Dammam, Saudi Arabia
Dammam: Tell. :+966 3 8123332/4/5 | Fax: +966 3 8123337 / +966 3 8123092
Al-Riyadh: Tel.: +966 11 2914775 | Fax: +966 11 2914771
Jeddah: Tel.: +966 12 6639357 | Fax: +966 12 6639357
Customer Call Center: 920022595 | ksasales.skm@skmaircon.com
Service Centre Toll Free: 800 124 0105 (KSA only)

P.O Box: 1215, Dasman, Kuwait Office, Murgab, Kuwait
Tel : +965 22 492 200 | Fax: +965 22 494 400
kuwaitsales.skm@skmaircon.com

For SKM Regional Offices & Distributors
visit: www.skmaircon.com

116/2022A
18.November, 2022
Supersedes # 116/2022