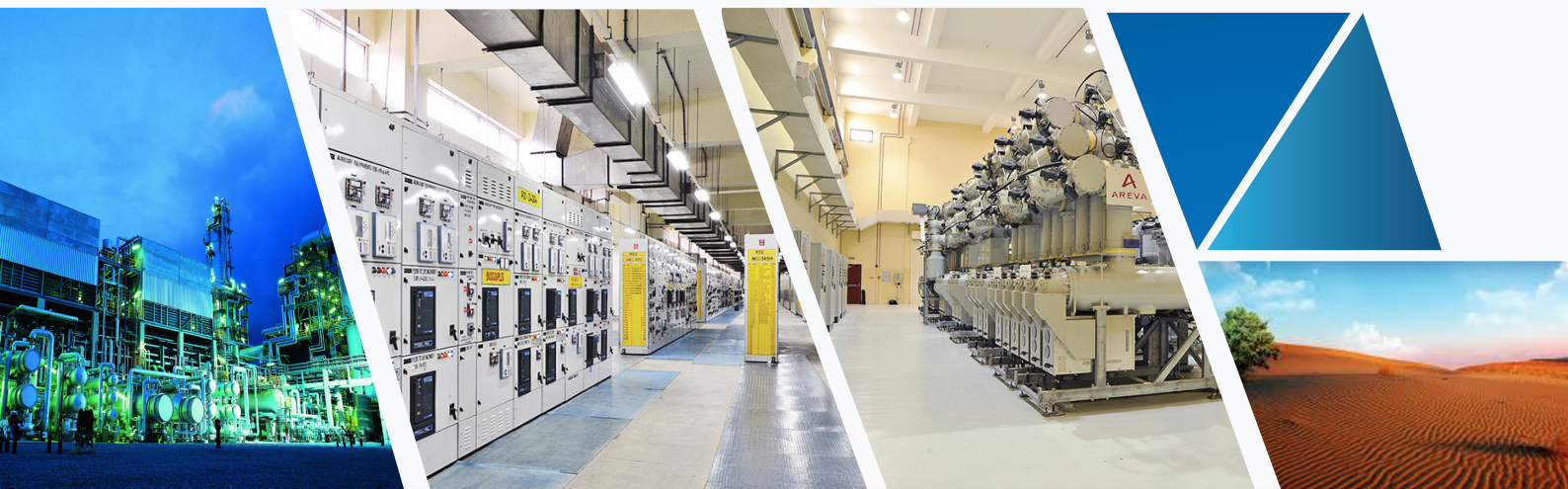


PACS SERIES

Packaged Air Conditioners



50Hz

R-22
REFRIGERANT



R-407C
REFRIGERANT



Range 4 TR to 95TR
(14 kW to 328 kW)



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Legend

The following legends are used throughout this manual:

AFR	Air Flow Rate	MBh	BTUH x 1000
BPF	By-pass Factor	PH	Phase
C.Cap ..	Cooling Capacity	Pa	Pascal
CFM	Cubic feet per minute	PD	Pressure Drop
EER	Energy Efficiency Ratio	PI	Compressor Power Input in kW
Hz	Hertz	RPM.....	Revolutions per Minute
in.wg	inches of water gauge	RPS	Rated Power Supply
kW	Kilowatt	TR	Tons of refrigeration = 12 MBh
Kg	Kilogram	V	Volts
lbs	Pounds weight (British units)	FPI	Fins per Inch
L/s	Liters per second	ESP	External Static Pressure

Nomenclature

PACS - 52 019 C G Y

- Power Supply Code
Y : 380-415V/3Ph/50Hz
P : 440V/3Ph/50Hz
- G = for High Efficiency
(Meeting ESMA Standards) Omitted if
Standard both circuits are VFD Screw
- C = for R407C
omitted if R-22
- Nominal Cooling Capacity (TR)
- No. of Refrigerant Circuits
- Power Supply Frequency
5 = 50Hz
- Scroll Compressor
- Packaged Air Conditioner

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.

Introduction

SKM **PACS** Series Packaged Air Conditioners are designed and manufactured to meet the requirements of the Gulf's severe climatic conditions and are built specifically for outdoor installations, either on ground or roof level.

The **PACS** Series Packaged Air Conditioners are ideal for warehouses, large halls, schools, mosques, or wherever the requirement is for a heavy duty unit with a hermetic compressor.

PACS Series Air-cooled Package Air Conditioners (hermetic scroll) are available in 52 models covering nominal capacity ranges from 4 TR – 95 TR (14kW to 328kW) in 50Hz.

PACS units are designed to operate in a wide ambient temperature range from 50°F (10°C) to 125.6°F (52°C), based on specific conditions & model applies.

PACS units are designed and rated in accordance with AHRI-210/240 and 340/360 standards.

PACS Series will come in two tiers, standard models which have competitive pricing and High Efficiency models which will meet high EERs and ESMA requirements.

PACS Series Packaged Air Conditioners are completely assembled, internally wired, charged with R-22 or R-407C refrigerant at factory, tested before despatch and ready for installation. All that is required on site is connecting ducting and power supply. This greatly reduces installation work and costs. They are designed for ducted systems which will enable them to be installed on roof tops or on the ground.

SKM provides qualified service and stock of replacement parts in all major cities of the G.C.C. countries, Egypt, Jordan, and Pakistan. See back cover for details or call SKM.

S.K.M Air Conditioning LLC



You name it.....We cool it.



General Features

The **PACS** Series Packaged Air Conditioners are yet another new unique series from SKM incorporates many salient features which, together, provides a heavy duty, robust, long lasting commercial unit meant for high end residential and commercial applications. The **PACS** series models combine high efficiency condenser and cooling coil, evaporator blower and heavy duty motor in addition to premium safety and operational controls.

The complete **PACS** packaged unit provides an extremely rugged, long life, energy efficient, self contained packaged air conditioner that will provide cooling with higher efficiency over a long and extended life.

What makes **PACS** series yet another model in the top class range of SKM products is the use of:

- High efficiency totally sealed scroll hermetic compressors.
- Totally enclosed, Class F insulated condenser and evaporator fan motors.
- Heavy duty condenser and evaporator coils optimised in design for long-life maintenance free operation.
- Cabinet construction specifically designed for Gulf climates.
- Electronic control board for unit operation.
- Typically, much heavier gauge tubing and thicker fins for ruggedness and long life.

Main Component Features

The common standard features of all **PACS** series packaged units include the following

Compressors

Compressors used in **PACS** packaged unit series are hermetically sealed, compact scroll with the following features:

- High Efficiency.
- Quiet operation, Low Sound levels.
- Better debris handling.
- Self compensating of wear ("wears-in" vs. "wears-out").
- 70% fewer moving parts than comparably sized reciprocating compressors.
- Internal motor protection / Advanced scroll temperature protection.
- Suction gas motor cooling.
- Suction screen.
- Disc type check valve.
- Centrifugal oil pumps with filter and magnet.
- Brazed fittings or Rotalock options.

Parallel Operation

A parallel compressors installation, with common suction line and common discharge line, gives a reduced operating cost through greater control of capacity and power consumption. This is achieved by staggering compressor switch-on sequences that allow the parallel system to match its power with the capacity

needed. By switching-off individual compressor from parallel installation, while other compressor is operating 100%, the improved part load efficiency can be achieved. The specially developed and adopted oil equalization system ensures correct compressors operation, oil balancing between compressors and reliability.

Condenser Coils

Condenser coils are manufactured from Corrugated aluminium fin and Hi-X seamless copper tubes mechanically bonded to aluminium fins to ensure optimum heat transfer. All coils are tested against leakage by air pressure 525psig (3620kPa) under water. An integral subcooling circuit is incorporated in the lower section of the condenser to increase system capacity. The additional condenser surface provides more cooling using less energy at no additional cost.

Condenser Fans

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 IP 54/55 protection depending on models. Complete fan assembly is provided with fan guard.

Evaporator Coils

Evaporator coils are manufactured from seamless copper tubes mechanically bonded to aluminium corrugated fins to ensure optimum heat transfer. All evaporator coils are tested against leakage by air pressure of 300 psig (2068 kPa) under water. Coils conform to AHRI-410.

Evaporator Fan & Drive

Evaporator fans are forward curved centrifugal double inlet, double width, statically and dynamically balanced. Bearings used in the fans are self aligning and lubricated for life. Evaporator fans are belt driven and use "V" belts with an adjustable variable pitch motor pulley resulting in an accurate fan air flow adjustment.

Fans are driven by Totally Enclosed, IP55 Protected, 4 pole Class F insulated electric motors. The motors are factory wired to the control panel where the motor starters are located to control the operation of the motors. The motors conform to relevant IEC standards.

Fan Section

Fans in the **PACS** units are selected for the best sound characteristics based on maximum fan efficiency. More than one arrangement of evaporator fans are used in the **PACS** series packaged units due to the wide range of air flow rates.

Commonly, all fans are double inlet, double width, centrifugal type with forward curved impellers provide the combination of efficiency and quietness of operation. All fans are statically and dynamically balanced, belt driven by motor sizes up to 11 kW are provided with adjustable pitch pulleys as standard. Above 11 kW motor sizes are equipped with fixed pitch pulleys as standard.

Single fan is used for **PACS-51004~PACS-52012** models. Models **PACS-52013~PACS-52052** are equipped with two fans. These fans are mounted on a single heavy duty shaft driven by a single electric motor. Shaft end insert into oversized, tapered lock self-aligning long life bearings. The motor is mounted on an adjustable base, so that belt tension can be easily adjusted.

Models **PACS-52060** onwards, use single fan assembly, which has maximum strength, high performance, quietness and reliability. These fans use self-aligned ball or pillow block bearings that are greased for life. Pillow block bearings are provided with re-greasing fittings. The motor is mounted on an adjustable base, so that belt tension can be easily adjusted. The complete fan-motor drive assembly is mounted on a floating sub-base. In order to limit transmission of noise and vibration, the complete fan motor sub-base assembly is mounted on anti-vibration mounts. Flexible connection is provided between fan discharge and casing panel to avoid transmission of vibration to the connecting duct.

Filter Section

PACS series are supplying with 1" aluminium type filter with grade G2 as standard for all models.

Casing and Structure

The unit casing used in **PACS** series is made of hot dip galvanized (zinc coated) steel sheets, conforming to JIS-G 3302 and ASTM A653, which is phosphatized and baked after an electrostatic powder coat of approx. 60 microns. This finish and coating can pass a 1000 hour in 5% salt spray testing at 95°F (35°C) and 95% relative humidity as per ASTM B117.

The insulation cum sound liner meets the fire requirements of NFPA90A & 90B and is secured with mechanical fasteners in addition to water resistant adhesive. The evaporator section is insulated from all sides with black-neoprene faced heavy density 1" fiber glass insulation for models up to **PACS-52052** & 2" thick fiber glass insulation for models **PACS-52060** onwards.

Electrical Control Panel

The **PACS** packaged Air Conditioners are provided with IP-54 control panel enclosure comprising all starting, operating & safety controls. The panel is factory wired in accordance with NEC 430 & 440, labelled, tagged and features 220V / 240V controls.

- All compressors are with DOL starting.
- Contactor provided for compressors, condenser fan motors and evaporator fan motor.
- Internal overload protection for compressors.
- Internal thermal overload protection for condenser fan motors.
- Unit controller for operational and safety control.
- Compressor short cycling protection.
- High compressor motor temperature. (For compressors with electronic module).
- Control circuit on/off switch.
- Control circuit breaker.
- Power and control circuit terminal blocks.
- High pressure protection.
- Low pressure protection.
- Control Relays.

Unit Controllers

PACS units are controlled by a standalone unit controller, which provides all necessary operational and safety control of the units. Two types of controllers are used in **PACS** units, depending on number of compressors.

Units With Up to Two Compressors

For unit models with one compressor or two compressors, an electronic control board is provided as standard feature which provides an efficient control of the unit.

This controller has got diagnostic LEDS on board, which will help in trouble shooting of the units. A thermostat is to be used in conjunction with this controller to control the unit. Thermostat can be opted from SKM or can be supplied by customer.

Note:

Advanced microprocessor based controller can be provided as option, in case required. Refer to **AMCS** option for such requirement.

Units With Four Compressors

Unit models with four or more compressors are equipped with a full function microprocessor based controller as a standard feature. The controller is factory programmed for the control of evaporator fan, compressors and condensers. The controller comes with a built-in keypad and display for simple but meaningful man-machine interface. This controller provides complete operational control for the unit and has built-in auto diagnostic capability that can signal normal operation or alarm conditions as well as shutting down the unit or system if necessary.

The controller comes with a loose supplied sleek and elegant design room unit for installing in the conditioned space. Communication between unit controller and room unit is through two-wire interface. The communication cable should be 2-core, twisted pair, unscreened with stranded conductors. Maximum distance between room unit and controller can be 700 meters. The room unit has a built-in sensor for measuring the room temperature. It transmits room temperature, set point, unit operating mode, operating schedule etc. to the unit controller. Control of the compressors is based on room temperature and the set point, as standard.

For Units with Advance microprocessor controller (optional for units with One or two compressors and standard for units with four compressors) Following features can be provided if required. Please specify during the time of order;

- Duct Temperature Sensor.
- BMS Interface through protocol.
- More features can be provided if required.

Optional Features

As with all SKM air conditioning units, the **PACS Series** Packaged Units are available with multitude of optional features available on request:

Double Skin Evaporator (DSE)

Double skin evaporator section with galvanized inner skin.

Double Skin Insulation (DSI)

Inner skin in the evaporator section is provided with foam board insulation.

Temperature Based Economizer (ECRU)

Simple temperature based economizer.



2" (50mm) Flat Filter Section (FSIP2)

For heavy filtration need a section can be provided without or with aluminium cleanable filter.

Alternative Condenser Material

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

- Pre Coated aluminum fins (FAP).
- Aluminum Fins with Aeris post Coat Protection (FAA).
- Copper Fins (FC).
- Copper Fins with Aeris post Coat Protection (FCA).

Alternative Evaporator Material

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

- Pre Coated aluminum fins (EFAP).
- Aluminum Fins with Aeris post Coat Protection (EFAA).
- Copper Fins (EFC).
- Copper Fins with Aeris post Coat Protectionn (EFCA).

Anti-Freeze Thermostat (AFT)

For evaporator coil freeze -up protection.

Western Make Scroll Compressor (WMSC)

Western make scroll compressor.

Compressor Run Hour Meter (RHM)

To monitor operating hours of each compressor.

Ball Valve (BLV)

Ball valve can be incorporated in the liquid line.

Marine Painted Inner Skin (IS-MP)

Painted Inner Skin (IS-P)

Marine Paint (MP)

To provide increased corrosion resistance for coastal environments and offshore location.

Stainless Steel SS316L Fasteners (SSF)

Anti-corrosion clear coating for fasteners (JHT)

Anti-corrosion clear coating for fasteners applicable with SSF option.

Marine Painted Condenser Coil end plate (MP-CCEP)

Marine Painted Evaporator Coil end plate (MP-ECEP)

SS316L Laser Printed Unit Tag Plates (TO-SS-LA)

Fan Cycling Switch (FCS)

Fan Cycling switch for single compressor units with two condenser fans.
(Not required with AMCS option)

Circuit Breaker for compressor (CBC)

For those electrical specification which requires additional short circuit and overload protection for the compressors.

Electric Heating (HTR1)

Electric heating batteries are made up of finned heating elements, constructed from high quality 80/20 nickel chrome resistance wire centred in metal tube by compressed magnesium oxide. Helical fins are tightly wound around the tubular heating element.

Heater batteries when ordered comes with stage contactors, primary auto reset thermal safety cut-out, secondary manual reset thermal safety cut-out and air flow switch.

Power fuses / circuit breaker are provided for heaters with total ampere exceeding 48 amperes.

For smaller heaters, power fuses can be provided if specified. Control of the heaters will be from the unit controller.

Following are the optional kW ratings for electric heater. Ratings other than those specified here can be supplied on request. Consult SKM for details

(Not available for High efficiency models)

Model PACS	Heater (kW)	Stages
51004	4.5	1
51005		
51007		
51008	9.0	
52010		
52012		
52013	18.0	
52015		
52017		
52019	24.0	2
52020		
52024		
52025	48.0	
52028		
52034		
52039	90.0	3
52045		
52049		
52052	126.0	4
52060		
52065		
52070	144.0	
52080		
52085		
52090		
52095		

Table 1

Rotalock Valves on compressors (RVC)

For additional facilitation of maintenance of unit.

External Overload Protection (EOP)

For those electrical specification requires additional overload protection for the compressors. (Not required with CBC option)

Pressure Gauges (SDG1)

Suction and discharge indication of each refrigerant circuit. Gauges mounted outside the Control Panel.

Manual Reset Type High Pressure Switch (MHP)

To replace standard auto reset, capsule type pressure switch.

IP 55 Control Panel

(ICP)

Control Panel for special applications to meet IP55 requirements.

Advanced Micro Processor Control System

(AMCS)

An advanced microprocessor based controller can be provided for one or two compressors units as option, in case required. This controller will be with built-in display keypad and has many features. This optional controller is the same as the standard controller used in units with four compressors.

For this feature, additional options can be provided and to be specified during time of order:

• DTS – Duct Temperature Sensor *

(In order to control the unit based on return/supply air duct temperature).

(This is not required with CHTS options).

• BMSP – BMS Protocol *

(For interfacing the units with major BMS protocols such as BACnet, Modbus or LON. An extra hardware may be required depending on the protocol)

Pump Down Facility

(PD)

The compressor will switch off each time with a Pump Down Cycle in order to prevent Liquid refrigerant migration to the compressor during off Cycle periods.

With this option, each circuit will be provided with an additional discharge check valve (if required) to prevent Refrigerant Migration from High side to Low side when the compressor is off.

Suitable for models from PACS-52025 to 52095 & 51004G to 52095G.

Pump Down Facility with solenoid Valve

(PDS)

The compressors will switch off each time with a Pumpdown Cycle in order to prevent Liquid refrigerant migration to the compressor during Off Cycle periods. Suitable for models from PACS-51004 to 52024.

(Not available for High efficiency models)

Extra Ball Valve

(XFV)

Extra ball valve can be incorporated in the liquid line.

Pressure relief valve

(PRV)

To protect the unit from being over - pressurized.

Liquid Line Sight Glass

(RSG)

For monitoring refrigerant charge and to provide visual indication of moisture presence in the system.

Condenser Coil Guard

(CGP)

Wire mesh guard, in painted finish for condensers coils.

Recommended on ground level installation where coil needs to be protected against vandalism.

Stainless Steel Drain Pan (Grade 304)

(SDP)

Stainless steel drain pan(Grade 304). Insulation under drain pan as per SKM standard.

Fire Alarm Interlock

(VFC-F)

To provide provision for fire alarm interlock.

Up Size Evaporator Motor**

(USM)

Unit with one up size evaporator motor.

Stainless Steel Drain Pan

(SSP)

Heavy gauge 316 stainless steel drain pan under the entire cooling coil.

Insulation under drain pan as per SKM standard.

Circuit breaker for Motors**

(CBM)

For those electrical specification which requires additional short circuit and overload protection for the fan motors.

Main Isolator (without door interlock)

(ISO)

For main power isolation. (Consult SKM)

Control Transformer

(CXT)

This option is necessary and available for unit models rated for 440V/3PH/50Hz or power supplies without neutral.

When ordering for these voltages, this option must be ordered.

(Not available for High efficiency models)

BMS Interface Volt Free Contacts

(BMVF)

Volt free contacts for run status, common fault status, auto mode status and provision for remote on/off shall be provided as option if required.

For additional requirements, please contact SKM.

Voltage Monitor Module

(VMM)

Provides protection in the event of:

- Phase burn-out.
- Phase reversal.
- Under / over voltage on the incoming line voltage.

Voltage Monitoring Module as per DEWA

(DVM)

Under voltage relay as per DEWA regulations. This option is available for Dubai, UAE only.(VMM option is not required if this option is opted)

Options for Field Installation

Anti-vibration mounts

(CAVM)

Recommended for roof mounted units or other locations in the vicinity of occupied spaces, where noise may be objectionable.

Low Voltage Thermostat

(CHTS)

For wall mounting and for cooling /heating operation with 1 or 2 stages as per model. (Not required with AMCS option).

• DTS-TH – Duct Temperature Sensor for 24V Thermostat *

(In order to control the unit based on return/supply air duct temperature.) (This is not required with AMCS options)

Note:

- * DTS & BMSP options are only available along with AMCS option or for unit models with advanced microprocessor based controller.
- *DTS-TH option is only available along with CHTS option.
- **If CBM combined with USM option please consult SKM as component might changed.
- Whenever multiple options related to unit control, please consult SKM for the drawings, as the size of the control panel might change.
- Solenoid valve in liquid line is provided as standard feature for High Efficiency models.



ENGINEERING SPECIFICATION - 50HZ

Model		PACS	51004	51005	51007	51008	52010	52012
Cooling Capacity (1) (R-22)		MBH	49.5	59.2	71.1	83.1	120.4	143.5
		kW	14.5	17.4	20.8	24.4	35.3	42
Cooling Capacity (2) (R-22)		MBH	45.5	54.3	65.3	76.3	110.6	131.8
		kW	13.3	15.9	19.1	22.4	32.4	38.6
Cooling Capacity (1) (R-407C)		MBH	48.6	56.7	68.6	82.7	115.5	138.6
		kW	14.2	16.6	20.1	24.3	33.9	40.6
Cooling Capacity (2) (R-407C)		MBH	44.9	51.5	61.8	74.9	105.2	124.9
		kW	13.2	15.1	18.1	22	30.8	36.6
Compressor	Type	-	Hermetic Scroll Compressor					
	Quantity	-	1	1	1	1	2	2
	Oil Charge	US Gal	0.52	0.47	0.47	0.66	0.47/0.47	0.47/0.47
	Ckt (A / B)	Liter	1.95	1.77	1.77	2.51	1.77/1.77	1.77/1.77
Condenser Coil	Type	-	Air cooled 1,2 & 3 rows with 16FPI (1.6mm) & 4 rows with 14FPI (1.8mm) fin spacing, Aluminum Fins, Copper Tubes					
	Face Area	ft²	19.4	26.7	26.7	26.7	40.0	40.0
		m²	1.8	2.5	2.5	2.5	3.7	3.7
Condenser Fan	Type	-	Propeller direct drive					
	Code / Quantity	-	550/ 1	550 / 2	550 / 2	550 / 2	630 / 2	630 / 2
Condenser Motor	Type	-	Totally enclosed, air over Class F insulation, 6-pole, IP-55/54					
Evaporator Coil	Type	-	Direct expansion, 14 FPI (1.8mm) fin spacing, Aluminum Fins, Copper Tubes					
	Face Area	ft²	4.6	4.6	6.4	6.4	9.7	12.5
		m²	0.4	0.4	0.6	0.6	0.9	1.2
Evaporator Fan	Type	-	Centrifugal double inlet double width belt drive					
	Code / Qty.	-	10/10R	10/10R	10/10R	12/12R	12/12R	15/15RK
	Air Flow Rate	cfm	1670	2000	2400	2880	4000	5000
		l/s	788	944	1133	1359	1888	2360
Evaporator Motor	Type	-	Totally Enclosed Fan Cooled, Class-F insulation, 4-pole, IP55 Protected.					
	Size	kW	0.55	0.55	0.75	1.1	1.5	2.2
Refrigerant (R-22) Operating Charge		lbs	6.8	8.1	8.7	13.7	21.3	22.4
		kg	3.1	3.7	3.9	6.2	10	10.2
Refrigerant (R-407C) Operating Charge		lbs	6.8	8.1	8.7	13.7	21.3	22.4
		kg	3.1	3.7	3.9	6.2	10	10.2
Number of Refrigerant Circuits		-	1	1	1	1	2	2
Unit Operating Weight		lbs	648	725	743	867	1153	1221
		kg	294	329	337	393	523	554

Table 2

Notes:

- (1) Evaporator entering air conditions of 80°F/67°F (26.7°C/19.5°C) dry bulb/wet bulb and condenser entering air temperature of 95°F (35°C) dry bulb.
- (2) Evaporator entering air conditions of 80°F/67°F (26.7°C/19.5°C) dry bulb/wet bulb and condenser entering air temperature of 114.8°F(46°C) dry bulb.

Capacity for all conditions are gross capacity which does not include the effect of evaporator fan motor heat.

ENGINEERING SPECIFICATION - 50HZ

Model		PACS	52013	52015	52017	52019	52020	52024
Cooling Capacity (1) (R-22)		MBH	151.2	176.8	200.9	221.8	239.1	259.9
		kW	44.3	51.8	58.9	65	70.1	76.2
Cooling Capacity (2) (R-22)		MBH	139	161.2	182.3	203.3	217.5	237.3
		kW	40.7	47.2	53.4	59.6	63.7	69.5
Cooling Capacity (1) (R-407C)		MBH	146.8	176.2	198.9	218.3	237.1	257.4
		kW	43	51.7	58.3	64	69.5	75.4
Cooling Capacity (2) (R-407C)		MBH	131.6	156.9	177.2	196.8	211.0	231.7
		kW	38.6	46	51.9	57.7	61.8	67.9
Compressor	Type	-	Hermetic Scroll Compressor					
	Quantity	-	2	2	2	2	2	2
	Oil Charge	US Gal	0.47/0.47	0.66/0.66	0.86/0.86	0.86/0.86	0.86/0.86	0.86/0.86
	Ckt (A / B)	Liter	1.77/1.77	2.51/2.51	3.25/3.25	3.25/3.25	3.25/3.25	3.25/3.25
Condenser Coil	Type	-	Air cooled 1,2 & 3 rows with 16FPI (1.6mm) & 4 rows with 14FPI (1.8mm) fin spacing, Aluminum Fins, Copper Tubes					
	Face Area	ft²	40	40	48	48	54.7	54.7
		m²	3.7	3.7	4.5	4.5	5.1	5.1
Condenser Fan	Type	-	Propeller direct drive					
	Code / Quantity	-	K-710/ 2	K-710/ 2	K-710/ 2	K-710/ 2	K800/ 2	K800/ 2
Condenser Motor	Type	-	Totally enclosed, air over Class F insulation, 6-pole, IP-55					
Evaporator Coil	Type	-	Direct expansion, 14 FPI (1.8mm) fin spacing, Aluminum Fins, Copper Tubes					
	Face Area	ft²	13.3	13.3	15.6	15.6	19.5	19.5
		m²	1.2	1.2	1.5	1.5	1.8	1.8
Evaporator Fan	Type	-	Centrifugal double inlet double width belt drive					
	Code / Qty.	-	12/12 R2	12/12 R2	12/12 R2	12/12 R2	15/15 R2	15/15 R2
	Air Flow Rate	cfm	6000	6000	7000	7000	8000	8000
		l/s	2832	2832	3304	3304	3776	3776
Evaporator Motor	Type	-	Totally Enclosed Fan Cooled, Class-F insulation, 4-pole, IP55 Protected.					
	Size	kW	2.2	2.2	3	3	3	3
Refrigerant (R-22) Operating Charge		lbs	22.9	25.9	29.6	29.6	33.4	33.4
		kg	10.4	11.7	13.4	13.4	15.1	15.1
Refrigerant (R-407C) Operating Charge		lbs	22.9	25.9	29.6	29.6	33.4	33.4
		kg	10.4	11.7	13.4	13.4	15.1	15.1
Number of Refrigerant Circuits		-	2	2	2	2	2	2
Unit Operating Weight		lbs	1342	1501	1640	1640	1897	1902
		kg	609	681	744	744	860	863

Table 3

Notes:

- (1) Evaporator entering air conditions of 80°F/67°F (26.7°C/19.5°C) dry bulb/wet bulb and condenser entering air temperature of 95°F (35°C) dry bulb.
- (2) Evaporator entering air conditions of 80°F/67°F (26.7°C/19.5°C) dry bulb/wet bulb and condenser entering air temperature of 114.8°F(46°C) dry bulb.

Capacity for all conditions are gross capacity which does not include the effect of evaporator fan motor heat.



ENGINEERING SPECIFICATION - 50HZ

Model		PACS	52025	52028	52034	52039	52045	52049	52052
Cooling Capacity (1) (R-22)		MBH	287.4	326.9	354.5	400.3	469.5	530.6	612.5
		kW	84.3	95.8	103.9	117.3	137.6	155.5	179.5
Cooling Capacity (2) (R-22)		MBH	261.4	296.3	324.1	368.8	432	486.7	554.9
		kW	76.6	86.8	95	108.1	126.6	142.7	162.7
Cooling Capacity (1) (R-407C)		MBH	287.4	321.2	348.6	394.6	464.9	525.9	606.1
		kW	84.2	94.1	102.2	115.6	136.3	154.2	177.6
Cooling Capacity (2) (R-407C)		MBH	258.3	288.8	314.9	357.4	419.6	472.5	541.5
		kW	75.7	84.7	92.3	104.8	123	138.5	158.7
Compressor	Type	-	Hermetic Scroll Compressor						
	Quantity	-	2	2	2	2	2	2	4
	Oil Charge	US Gal	0.86/0.86	0.86/0.86	1.23/0.86	1.24/1.24	1.82 / 1.25	1.82 / 1.82	1.8 / 1.8
	Ckt (A / B)	Liter	3.25/3.25	3.25/3.25	4.67/3.25	4.71/4.71	6.9 / 4.73	6.9 / 6.9	6.81 / 6.81
Condenser Coil	Type	-	Air cooled 1,2 & 3 rows with 16FPI (1.6mm) & 4 rows with 14FPI (1.8mm) fin spacing, Aluminum Fins, Copper Tubes						
	Face Area	ft²	53.3	53.3	40.0	53.3	64.0	72.0	72.0
		m²	5.0	5.0	3.7	5.0	5.9	6.7	6.7
Condenser Fan	Type	-	Propeller direct drive						
	Code / Quantity	-	K800/ 2	K800/ 2	K800/3	K800/3	K800/4	K800/4	K800/4
Condenser Motor	Type	-	Totally Enclosed Air Over, Class-F insulation, 6 pole, IP55 protected						
Evaporator Coil	Type	-	Direct expansion, 14 FPI (1.8mm) fin spacing, Aluminum Fins, Copper Tubes						
	Face Area	ft²	21.7	21.7	20.8	23.4	29.2	34.4	37.5
		m²	2.0	2.0	1.9	2.2	2.7	3.2	3.5
Evaporator Fan	Type	-	Centrifugal double inlet double width belt drive						
	Code / Qty.	-	15/15 R2	15/15 R2	15/15 R2	15/15 R2	18/18 R2	18/18 R2	18/18 R2
	Air Flow Rate	cfm	9100	10500	10400	11700	14600	17200	18750
		l/s	4295	4955	4908	5522	6890	8117	8849
Evaporator Motor	Type	-	Totally Enclosed Fan Cooled, Class-F insulation, 4-pole, IP55 Protected.						
	Size	kW	3.0	4.0	5.5	7.5	7.5	11.0	15.0
Refrigerant (R-22) Operating Charge		lbs	45.6	45.6	68.9	74.2	86.2	95.8	137.2
		kg	20.7	20.7	31.3	33.7	39	43.4	62.2
Refrigerant (R-407C) Operating Charge		lbs	45.6	45.6	66.9	72	83.6	93	133.2
		kg	20.7	20.7	30.3	32.7	37.9	42.2	60.4
Number of Refrigerant Circuits		-	2	2	2	2	2	2	2
Unit Operating Weight		lbs	2062	2076	3245	3562	4574	4946	6765
		kg	935	941	1472	1616	2075	2243	3069

Table 4

Notes:

- (1) Evaporator entering air conditions of 80°F/67°F (26.7°C/19.5°C) dry bulb/wet bulb and condenser entering air temperature of 95°F (35°C) dry bulb.
- (2) Evaporator entering air conditions of 80°F/67°F (26.7°C/19.5°C) dry bulb/wet bulb and condenser entering air temperature of 114.8°F(46°C) dry bulb.

Capacity for all conditions are gross capacity which does not include the effect of evaporator fan motor heat.

ENGINEERING SPECIFICATION - 50HZ

Model	PACS	52060	52065	52070	52080	52085	52090	52095
Cooling Capacity (1) (R-22)	MBH	667.7	773.8	833.5	918.2	1001.5	1052.3	1106.6
	kW	195.7	226.8	244.3	269.1	293.5	308.4	324.4
Cooling Capacity (2) (R-22)	MBH	599.1	707.7	767.6	846.2	920.9	965.6	1012.8
	kW	175.6	207.4	225	248	269.9	283	296.9
Cooling Capacity (1) (R-407C)	MBH	656.5	764.2	822.7	911.2	995.4	1045.2	1098.6
	kW	192.4	224	241.1	267.1	291.7	306.3	322
Cooling Capacity (2) (R-407C)	MBH	579.8	687.5	743.9	824.5	895.2	935.8	977.1
	kW	169.9	201.5	218	241.7	262.4	274.3	286.4
Compressor	Type	-	Hermetic Scroll Compressor					
	Quantity	-	4	4	4	4	4	4
	Oil Charge	US Gal	1.8 / 1.8	2.23 / 2.23	2.6 / 2.6	3.16 / 2.58	3.17 / 3.17	3.73 / 3.16
	Ckt (A / B)	Liter	6.82 / 6.82	8.43 / 8.43	9.83 / 9.83	11.97 / 9.75	11.99 / 11.99	14.13 / 11.97
Condenser Coil	Type	-	Air cooled 1,2 & 3 rows with 16FPI (1.6mm) & 4 rows with 14FPI (1.8mm) fin spacing, Aluminum Fins, Copper Tubes					
	Face Area	ft ²	72.0	130.0	130.0	130.0	130.0	130.0
		m ²	6.7	12.1	12.1	12.1	12.1	12.1
Condenser Fan	Type	-	Propeller direct drive					
	Code / Quantity	-	K800/4	K800/4	K800/4	K800/8	K800/8	K800/8
Condenser Motor	Type	-	Totally enclosed, air over Class F insulation, 6-pole, IP-55					
Evaporator Coil	Type	-	Direct expansion, 14 FPI (1.8mm) fin spacing, Aluminum Fins, Copper Tubes					
	Face Area	ft ²	43.0	49.0	49.0	55.1	63.8	71.9
		m ²	4.0	4.6	4.6	5.1	5.9	6.7
Evaporator Fan	Type	-	Centrifugal double inlet double width belt drive					
	Code / Qty.	-	N710/1	N710/1	N710/1	N800/1	N900/1	N900/1
	Air Flow Rate	cfm	21000	23000	23000	25600	30000	31500
		l/s	9911	10855	10855	12082	14158	14866
Evaporator Motor	Type	-	Totally enclosed, fan cooled Class F insulation, 4-pole IP55					
	Size	kW	15	15	15	15	15	18.5
Refrigerant (R-22) Operating Charge	lbs	141.6	229.8	230.6	215.7	242.6	245.8	249.2
	kg	64.2	104.2	104.6	97.8	110	111.5	113
Refrigerant (R-407C) Operating Charge	lbs	137.4	223.2	224	209.5	235.4	238.4	241.8
	kg	62.3	101.2	101.6	95	106.8	108.1	109.7
Number of Refrigerant Circuits	-	2	2	2	2	2	2	2
Unit Operating Weight	lbs	6948	10434	10591	11453	12030	12252	12581
	kg	3151	4733	4804	5195	5457	5558	5707

Table 5

Notes:

- (1) Evaporator entering air conditions of 80°F/67°F (26.7°C/19.5°C) dry bulb/wet bulb and condenser entering air temperature of 95°F (35°C) dry bulb.
 (2) Evaporator entering air conditions of 80°F/67°F (26.7°C/19.5°C) dry bulb/wet bulb and condenser entering air temperature of 114.8°F (46°C) dry bulb.

Capacity for all conditions are gross capacity which does not include the effect of evaporator fan motor heat.



ENGINEERING SPECIFICATION - HIGH EFFICIENCY

Model		PACS	51004G	51005G	51007G	51008G	52010G	52012G
Cooling Capacity (R-22)		MBH	47.8	57.8	68.3	79.2	114.2	134.5
		kW	14	16.9	20	23.2	33.5	39.4
Cooling Capacity (R-407C)		MBH	47	54.7	64.8	77.6	108.3	127.4
		kW	13.8	16	19	22.8	31.7	37.4
Compressor	Type	-	Hermetic Scroll Compressor					
	Quantity	-	1	1	1	1	2	2
	Oil Charge	US Gal	0.52	0.47	0.47	0.66	0.47/0.47	0.47/0.47
	Ckt (A / B)	Liter	1.95	1.77	1.77	2.51	1.77/1.77	1.77/1.77
Condenser Coil	Type	-	Air cooled 1,2 & 3 rows with 16FPI (1.6mm) & 4 rows with 14FPI (1.8mm) fin spacing, Aluminum Fins, Copper Tubes					
	Face Area	ft²	19.4	26.7	26.7	26.7	40.0	40.0
		m²	1.8	2.5	2.5	2.5	3.7	3.7
Condenser Fan	Type	-	Propeller direct drive					
	Code / Quantity	-	550 / 1	550 / 2	550 / 2	550 / 2	630 / 2	630 / 2
Condenser Motor	Type	-	Totally enclosed, air over Class F insulation, 6-pole, IP-55/54					
Evaporator Coil	Type	-	Direct expansion, 14 FPI (1.8mm) fin spacing, Aluminum Fins, Copper Tubes					
	Face Area	ft²	4.6	4.6	6.4	6.4	9.7	12.5
		m²	0.4	0.4	0.6	0.6	0.9	1.2
Evaporator Fan	Type	-	Centrifugal double inlet double width belt drive					
	Code / Qty.	-	10/10R	10/10R	10/10R	12/12R	12/12R	15/15RK
	Air Flow Rate	cfm	1670	2000	2400	2880	4000	5000
		l/s	788	944	1133	1359	1888	2360
Evaporator Motor	Type	-	Totally enclosed, fan cooled Class F insulation, 4-pole IP55 Protected					
	Size	kW	0.55	0.55	0.75	1.1	1.5	2.2
Refrigerant (R-22) Operating Charge		lbs	22.3	18.6	20.5	26.9	41.5	44.7
		kg	10.1	8.4	9.3	12.2	18.8	20.3
Refrigerant (R-407C) Operating Charge		lbs	22.3	18.6	20.5	26.9	41.5	44.7
		kg	10.1	8.4	9.3	12.2	18.8	20.3
Number of Refrigerant Circuits		-	1	1	1	1	2	2
Unit Operating Weight		lbs	735	805	830	900	1185	1250
		kg	333	365	376	408	537	567

Table 6

Notes:

(1) Evaporator entering air conditions of 84.2°F/66.2°F (29°C/19°C) dry bulb/wet bulb and condenser entering air temperature of 114.8°F (46°C) dry bulb.

Capacity for all conditions are gross capacity which does not include the effect of evaporator fan motor heat.

ENGINEERING SPECIFICATION - HIGH EFFICIENCY

Model		PACS	52013G	52015G	52017G	52019G	52020G	52024G
Cooling Capacity (R-22)		MBH	142.9	159.5	189.2	211.9	215.7	239
		kW	41.9	46.7	55.4	62.1	63.2	70
Cooling Capacity (R-407C)		MBH	136.3	156.2	185	205.7	209.9	233.2
		kW	40.0	45.8	54.2	60.3	61.5	68.4
Compressor	Type	-	Hermetic Scroll Compressor					
	Quantity	-	2	2	2	2	2	2
	Oil Charge	US Gal	0.47/0.47	0.66/0.66	0.86/0.86	0.86/0.86	0.86/0.86	0.86/0.86
	Ckt (A / B)	Liter	1.77/1.77	2.51/2.51	3.25/3.25	3.25/3.25	3.25/3.25	3.25/3.25
Condenser Coil	Type	-	Air cooled 1,2 & 3 rows with 16FPI (1.6mm) & 4 rows with 14FPI (1.8mm) fin spacing, Aluminum Fins, Copper Tubes					
	Face Area	ft²	54.7	54.7	54.7	54.7	54.7	54.7
		m²	5.1	5.1	5.1	5.1	5.1	5.1
Condenser Fan	Type	-	Propeller direct drive					
	Code / Quantity	-	K710 / 2	K710 / 2	E800 / 2	E800 / 2	E800 / 2	E800 / 2
Condenser Motor	Type	-	Totally enclosed, air over Class F insulation,6-Pole, IP-54/55 Protected					
Evaporator Coil	Type	-	Direct expansion, 14FPI (1.8mm) fin spacing, Aluminum Fins, Copper Tubes					
	Face Area	ft²	15.6	15.6	21.7	21.7	21.7	26.0
		m²	1.4	1.4	2.0	2.0	2.0	2.4
Evaporator Fan	Type	-	Centrifugal double inlet double width belt drive					
	Code / Qty.	-	12/12 R2	12/12 R2	12/12 R2	12/12 R2	15/15 R2	15/15 R2
	Air Flow Rate	cfm	6000	6000	7000	7000	8000	8000
		l/s	2832	2832	3304	3304	3776	3776
Evaporator Motor	Type	-	Totally enclosed, fan cooled Class F insulation, 4-pole IP55 Protected					
	Size	kW	2.2	2.2	3.0	3	2.2	2.2
Refrigerant (R-22) Operating Charge		lbs	45	45.2	64.8	66.4	67	71.1
		kg	20.4	20.5	29.4	30.1	30.4	32.3
Refrigerant (R-407C) Operating Charge		lbs	45	45.2	64.8	66.4	67	71.1
		kg	20.4	20.5	29.4	30.1	30.4	32.3
Number of Refrigerant Circuits		-	2	2	2	2	2	2
Unit Operating Weight		lbs	1754	1754	1842	1842	1911	2367
		kg	796	796	835	835	867	1073

Table 7

Notes:

(1) Evaporator entering air conditions of 84.2°F/66.2°F (29°C/19°C) dry bulb/wet bulb and condenser entering air temperature of 114.8°F (46°C) dry bulb.

Capacity for all conditions are gross capacity which does not include the effect of evaporator fan motor heat.



ENGINEERING SPECIFICATION - HIGH EFFICIENCY

Model		PACS	52025G	52028G	52034G	52039G	52045G	52049G	52052G
Cooling Capacity (R-22)		MBH	256.1	292.9	336.3	392.1	444.6	490.8	546
		kW	75.1	85.8	98.6	114.9	130.3	143.8	160
Cooling Capacity (R-407C)		MBH	252.4	284.4	325.1	380	431.4	475.1	533
		kW	74	83.4	95.3	111.4	126.4	139.3	156.2
Compressor	Type	-	Hermetic Scroll Compressor						
	Quantity	-	2	2	2	2	2	2	4
	Oil Charge	US Gal	0.86/0.86	0.86/0.86	1.23/0.86	1.24/1.24	1.82 / 1.25	1.82 / 1.82	1.8 / 1.8
	Ckt (A / B)	Liter	3.25/3.25	3.25/3.25	4.67/3.25	4.71/4.71	6.9 / 4.73	6.9 / 6.9	6.81 / 6.81
Condenser Coil	Type	-	Air cooled 1,2 & 3 rows with 16FPI (1.6mm) & 4 rows with 14FPI (1.8mm) fin spacing, Aluminum Fins, Copper Tubes						
	Face Area	ft²	60.0	60.0	53.3	64.0	72.0	72.0	130.0
		m²	5.6	5.6	5.0	5.9	6.7	6.7	12.1
Condenser Fan	Type	-	Propeller direct drive						
	Code / Quantity	-	E800 / 2	E800 / 2	E800/3	E800/4	E800/4	E800/4	E800/4
Condenser Motor	Type	-	Totally enclosed, air over Class F insulation, 6-Pole, IP-55 Protected						
Evaporator Coil	Type	-	Direct expansion, 14FPI (1.8mm) fin spacing, Aluminum Fins, Copper Tubes						
	Face Area	ft²	26.0	26.0	20.8	29.2	34.4	37.5	37.5
		m²	2.4	2.4	1.9	2.7	3.2	3.5	3.5
Evaporator Fan	Type	-	Centrifugal double inlet double width belt drive						
	Code / Qty.	-	15/15 R2	15/15 R2	15/15 R2	15/15 R2	18/18 R2	18/18 R2	18/18 R2
	Air Flow Rate	cfm	9100	10500	10400	11700	14600	17200	18750
		l/s	4295	4956	4908	5521	6890	8117	8849
Evaporator Motor	Type	-	Totally enclosed, fan cooled Class F insulation, 4-pole IP55 Protected						
	Size	kW	3.0	4.0	5.5	7.5	7.5	11.0	15.0
Refrigerant (R-22) Operating Charge		lbs	71.9	71.9	80.1	94.8	106.2	107.2	182
		kg	32.6	32.6	36.3	43	48.2	48.6	82.5
Refrigerant (R-407C) Operating Charge		lbs	71.9	71.9	80.1	94.8	106.2	107.2	180.6
		kg	32.6	32.6	36.3	43	48.2	48.6	81.9
Number of Refrigerant Circuits		-	2	2	2	2	2	2	2
Unit Operating Weight		lbs	2440	2440	3450	3923	4962	5287	5815
		kg	1107	1107	1565	1779	2250	2397	2638

Table 8

Notes:

(1) Evaporator entering air conditions of 84.2°F/66.2°F (29°C/19°C) dry bulb/wet bulb and condenser entering air temperature of 114.8°F (46°C) dry bulb.

Capacity for all conditions are gross capacity which does not include the effect of evaporator fan motor heat.

ENGINEERING SPECIFICATION - HIGH EFFICIENCY

Model		PACS	52060G	52065G	52070G	52080G	52085G	52090G	52095G
Cooling Capacity (R-22)		MBH	596.0	678.7	761.4	822.1	882.2	924.3	968.3
		kW	174.7	198.9	223.2	241	258.6	270.9	283.8
Cooling Capacity (R-407C)		MBH	579.4	657.3	733.2	794.6	854.5	894.1	935.4
		kW	169.8	192.7	214.9	232.9	250.4	262.1	274.2
Compressor	Type	-	Hermetic Scroll Compressor						
	Quantity	-	4	4	4	4	4	4	4
	Oil Charge	US Gal	1.8 / 1.8	2.23 / 2.23	2.6 / 2.6	3.16 / 2.58	3.17 / 3.17	3.73 / 3.16	3.73 / 3.73
	Ckt (A / B)	Liter	6.82 / 6.82	8.43 / 8.43	9.83 / 9.83	11.97 / 9.75	11.99 / 11.99	14.13 / 11.97	14.11 / 14.11
Condenser Coil	Type	-	Air cooled 1,2 & 3 rows with 16FPI (1.6mm) & 4 rows with 14FPI (1.8mm) fin spacing, Aluminum Fins, Copper Tubes						
	Face Area	ft²	130	130	130	130	130	130	130
		m²	12.1	12.1	12.1	12.1	12.1	12.1	12.1
Condenser Fan	Type	-	Propeller direct drive						
	Code / Quantity	-	E800/4	E800/4	E800/4	E800/8	E800/8	E800/8	E800/8
Condenser Motor	Type	-	Totally enclosed, air over Class F insulation,6-Pole, IP-55 Protected						
Evaporator Coil	Type	-	Direct expansion, 14FPI (1.8mm) fin spacing, Aluminum Fins, Copper Tubes						
	Face Area	ft²	43.0	49.0	49.0	55.1	63.8	67.5	71.9
		m²	4.0	4.6	4.6	5.1	5.9	6.3	6.7
Evaporator Fan	Type	-	Centrifugal double inlet double width belt drive						
	Code / Qty.	-	N710/1	N710/1	N710/1	N800/1	N900/1	N900/1	N900/1
	Air Flow Rate	cfm	21000	23000	23000	25600	30000	31500	33500
		l/s	9910	10854	10854	12081	14158	14866	15809
Evaporator Motor	Type	-	Totally enclosed, fan cooled Class F insulation, 4-pole IP55 Protected						
	Size	kW	15	15	15	15	15	15	18.5
Refrigerant (R-22) Operating Charge		lbs	226	232	241	218	245	248	252
		kg	102.5	105.2	109.3	98.9	111.2	112.5	114.3
Refrigerant (R-407C) Operating Charge		lbs	224.9	230.4	239	216	243.2	246.3	249.8
		kg	102	104.5	108.4	98	110.3	111.7	113.3
Number of Refrigerant Circuits		-	2	2	2	2	2	2	2
Unit Operating Weight		lbs	9874	10666	10957	11651	12260	12488	12826
		kg	4479	4838	4970	5285	5561	5664	5818

Table 9

Notes:

(1) Evaporator entering air conditions of 84.2°F/66.2°F (29°C/19°C) dry bulb/wet bulb and condenser entering air temperature of 114.8°F (46°C) dry bulb.

Capacity for all conditions are gross capacity which does not include the effect of evaporator fan motor heat.



CAPACITY RATINGS

Model PACS	AFR cfm (BPF)	EWB °F °C	Condenser Entering Air Temperature																													
			95°F (35°C)						105°F (40.6°C)						114.8°F (46°C)						118.4°F (48°C)						125°F (51.7°C)					
			Total Capacity		Sensible Capacity		PI	Total Capacity		Sensible Capacity		PI	Total Capacity		Sensible Capacity		PI	Total Capacity		Sensible Capacity		PI	Total Capacity		Sensible Capacity		PI					
			MBh	kW	MBh	kW	kW	MBh	kW	MBh	kW	kW	MBh	kW	MBh	kW	kW	MBh	kW	MBh	kW	kW	MBh	kW	MBh	kW	kW					
51004	1375	62	16.7	44.2	13	39.6	11.6	3.4	42.1	12.3	38.7	11.3	3.8	39.9	11.7	37.8	11.1	4.3	39.1	11.5	37.4	11	4.4	--	--	--	--	--				
	649	67	19.4	47.9	14	32.8	9.6	3.5	46.1	13.5	32.1	9.4	4	44.2	13	31.4	9.2	4.4	43.5	12.8	31.1	9.1	4.6	--	--	--	--	--				
	0.18	72	22.2	51.7	16.2	25.8	7.6	3.6	49.6	14.5	25.1	7.4	4.1	47.5	13.9	24.4	7.2	4.6	46.7	13.7	24.1	7.1	4.8	--	--	--	--	--				
	1670	62	16.7	45	13.2	43.6	12.8	3.4	42.8	12.5	42.7	12.5	3.9	40.7	11.9	40.7	11.9	4.3	39.9	11.7	39.9	11.7	4.4	--	--	--	--	--				
	788	67	19.4	49.5	14.5	35.9	10.5	3.5	47.5	13.9	35.2	10.3	4	45.5	13.3	34.4	10.1	4.5	44.8	13.1	34.2	10	4.6	--	--	--	--	--				
	0.2	72	22.2	53.2	15.6	27.8	8.1	3.7	51	15	27.1	7.9	4.2	48.8	14.3	26.3	7.7	4.7	47.9	14.1	26.1	7.6	4.8	--	--	--	--	--				
	2521	62	16.7	46.6	13.6	46.6	13.6	3.5	44.5	13	44.5	13	3.9	42.4	12.4	42.4	12.4	4.3	41.7	12.2	41.7	12.2	4.5	--	--	--	--	--				
	1190	67	19.4	52.3	15.3	44	12.9	3.6	49.8	14.6	43.1	12.6	4.1	47.2	13.8	42.2	12.4	4.6	46.3	13.6	41.9	12.3	4.7	--	--	--	--	--				
	0.26	72	22.2	55.9	16.4	32.8	9.6	3.8	53.4	15.7	32	9.4	4.3	50.9	14.9	31.3	9.2	4.9	49.9	14.6	31	9.1	5	--	--	--	--	--				
	1605	62	16.7	52.6	15.4	46	13.5	3.7	50.4	14.8	45.1	13.2	4.2	48.1	14.1	44.1	12.9	4.8	47.2	13.8	43.7	12.8	5	45.3	13.3	42.9	12.6	5.3				
51005	757	67	19.4	57	16.7	38.2	11.2	3.8	54.8	16.1	37.3	10.9	4.3	52.4	15.4	36.4	10.7	4.9	51.5	15.1	36.1	10.6	5.1	50	14.7	35.5	10.4	5.5				
	0.2	72	22.2	61.7	18.1	30.3	8.9	3.9	59.3	17.4	29.5	8.6	4.5	56.8	16.6	28.6	8.4	5.1	55.9	16.4	28.3	8.3	5.3	54.2	15.9	27.8	8.1	5.7				
	2000	62	16.7	54.5	16	51.4	15.1	3.8	52.2	15.3	50.5	14.8	4.3	49.2	14.4	48.2	14.4	4.8	48.1	14.1	48.1	14.1	5	46.2	13.5	46.2	13.5	5.3				
	944	67	19.4	59.2	17.4	42.2	12.4	3.9	56.8	16.7	41.4	12.1	4.4	54.3	15.9	40.5	11.9	5	53.4	15.7	40.1	11.8	5.2	51.8	15.2	39.5	11.6	5.6				
	0.22	72	22.2	64	18.7	32.9	9.6	3.9	61.4	18	32.1	9.4	4.5	58.7	17.2	31.2	9.1	5.2	57.8	16.9	30.9	9.1	5.5	56	16.4	30.3	8.9	5.9				
	2521	62	16.7	55.9	16.4	55.9	16.4	3.8	53	15.5	53	15.5	4.3	50	14.7	50	14.7	4.8	49	14.4	49	14.4	5	47.2	13.8	47.2	13.8	5.4				
	1190	67	19.4	61.2	17.9	47.1	13.8	3.9	58.7	17.2	46.2	13.6	4.4	56.1	16.4	45.3	13.3	5.1	55.2	16.2	45	13.2	5.3	53.5	15.7	44.4	13	5.7				
	0.26	72	22.2	65.9	19.3	35.9	10.5	4	63.2	18.5	35.1	10.3	4.6	60.4	17.7	34.2	10	5.3	59.4	17.4	33.9	9.9	5.6	--	--	--	--	--				
	1930	62	16.7	63.4	18.6	56.1	16.5	4.6	60.5	17.7	54.9	16.1	5.3	57.1	16.7	53.5	15.7	5.9	55.9	16.4	52.9	15.5	6.1	53.8	15.8	52.1	15.3	6.4				
	911	67	19.4	68.6	20.1	46.5	13.6	4.8	65.9	19.3	45.4	13.3	5.4	63	18.5	44.4	13	6	62.1	18.2	44	12.9	6.2	--	--	--	--	--				
51007	0.18	72	22.2	74	21.7	36.7	10.8	4.9	71	20.8	35.7	10.5	5.5	68	19.9	34.7	10.2	6.2	66.9	19.6	34.3	10.1	6.4	--	--	--	--	--				
	2400	62	16.7	64.9	19	62.6	18.3	4.7	61.5	18	61.2	17.9	5.3	58.3	17.1	58.3	17.1	5.9	57.1	16.7	57.1	16.7	6.1	55.1	16.1	55.1	16.1	6.5				
	1133	67	19.4	71.1	20.8	51.5	15.1	4.8	68.2	20	50.4	14.8	5.4	65.3	19.1	49.3	14.5	6.1	64.2	18.8	48.9	14.3	6.3	--	--	--	--	--				
	0.2	72	22.2	76.5	22.4	39.8	11.7	4.9	73.3	21.5	38.8	11.4	5.6	70.1	20.5	37.8	11.1	6.3	68.9	20.2	37.4	11	6.5	--	--	--	--	--				
	3538	62	16.7	66.9	19.6	66.9	19.6	4.7	63.7	18.7	63.7	18.7	5.3	60.6	17.8	60.6	17.8	5.9	59.5	17.4	59.5	17.4	6.1	57.5	16.9	57.5	16.9	6.5				
	1670	67	19.4	74.9	21.9	62.3	18.3	4.9	71.7	21	61.2	17.9	5.5	67.8	19.9	59.8	17.5	6.2	66.5	19.5	59.4	17.4	6.4	--	--	--	--	--				
	0.26	72	22.2	80.1	23.5	46.5	13.6	4.9	76.6	22.4	45.5	13.3	5.7	73.1	21.4	44.4	13	6.4	71.8	21.1	44	12.9	6.6	--	--	--	--	--				
	2252	62	16.7	73.8	21.6	64.5	18.9	5.5	70.7	20.7	63.2	18.5	6.3	67.3	19.7	61.7	18.1	7.1	66	19.3	61.2	17.9	7.4	63.2	18.5	60	17.6	8				
	1063	67	19.4	79.7	23.4	53.5	15.7	5.6	76.6	22.4	52.3	15.3	6.4	73.3	21.5	51	15	7.2	72.1	21.1	50.6	14.8	7.5	69.9	20.5	49.8	14.6	8				
	0.2	72	22.2	86.3	25.3	42.5	12.4	5.7	82.9	24.3	41.3	12.1	6.5	79.5	23.3	40.1	11.8	7.3	78.2	22.9	39.7	11.6	7.6	75.9	22.3	38.9	11.4	8.1				
51008	2880	62	16.7	76.6	22.5	73.1	21.4	5.5	73.1	21.4	71.7	21	6.3	70.8	20.2	68.8	20.2	7.1	67.3	19.7	67.3	19.7	7.4	64.6	18.9	64.6	18.9	8				
	1359	67	19.4	83.1	24.4	59.9	17.5	5.7	79.8	23.4	58.7	17.2	6.4	76.3	22.4	57.4	16.8	7.3	75.1	22	56.9	16.7	7.6	72.8	21.3	56.1	16.5	8.1				
	0.23	72	22.2	89.8	26.3	46.5	13.6	5.8	86.3	25.3	45.4	13.3	6.6	82.6	24.2	44.2	13	7.4	81.2	23.8	43.7	12.8	7.7	78.7	23.1	42.9	12.6	8.2				
	3538	62	16.7	78.2	22.9	78.2	22.9	5.6	74.1	21.7	74.1	21.7	6.3	69.9	20.5	69.9	20.5	7.2	68.5	20.1	68.5	20.1	7.5	65.9	19.3	65.9	19.3	8				
	1670	67	19.4	85.5	25.1	66	19.3	5.7	82.1	24.1	64.8	19	6.5	78.5	23	63.6	18.6	7.3	77.2	22.6	63.1	18.5	7.6	74.9	21.9	62.3	18.3	8.1				
	0.26	72	22.2	92.4	27.1	50.4	14.8	5.9	88.6	26	49.2	14.4	6.8	84.8	24.8	48	14.1	7.5	83.3	24.4	47.6	13.9	7.7	80.7	23.7	46.7	13.7	8.2				
	2917	62	16.7	105	30.8	88.8	26	7.3	100.9	29.6	87	25.5	8.3	96.2	28.2	85	24.9	9.4	94.5	27.7	84.3	24.7	9.8	91.1	26.7	82.8	24.3	10.5				
	1377	67	19.4	113.7	33.3	74.2	21.8	7.5	109.5	32.1	72.5	21.3	8.5	104.8	30.7	70.7	20.7	9.6	103	30.2	70	20.5	10	99.9	29.3	68.8	20.2	10.8				
	0.18	72	22.2	123.3	36.1	59.5	17.5	7.6	118.6	34.8	57.9	17	8.7	113.6	33.3	56.2	16.5	10	111.8	32.8	55.5	16.3	10.4	108.5	31.8	54.4	15.9	11.3				
	4000	62	16.7	110.7	32.4	104.2	30.6	7.4	105.8	31	102.2	30	8.4	99.7	29.2	99.7	29.2	9.5	97.5	28.6	97.5	28.6	9.9	93.7	27.5	93.7	27.5	10.6				
52010	1888	67	19.4	120.4	35.3	85.7	25.1	7.6	115.7	33.9	83.9	24.6	8.6	110.6	32.4	82.1	24.1	9.8	108.8	31.9	81.4	23.9	10.3	105.5	30.9	80.2	23.5	11.1				
	0.22	72	22.2	130.1	38.1	66.8	19.6	7.7	124.9	36.6	65.1	19.1	8.9	119.5	35	63.3	18.6	10.3	117.5	34.4	62.7	18.4	10.8	113.9	33.4	61.5	18	11.7				
	5347	62	16.7	113.6	33.3	113.6	33.3	7.5	106	31.7	106	31.7	8.5	102.2	30	102.2	30	9.5	100.1	29.3	100.1	29.3	9.9	96.5	28.3	96.5	28.3	10.7				
	2524	67	19.4	125.5	36.8	98.4	28.9	7.7	120.5	35.3	96.7	28.3	8.8	115.1	33.7	94.8	27.8	10	113.2	33.2	94.1	27.6	10.5	109.8	32.2	92.9	27.2	11.3				
	0.26	72	22.2	135	39.6	74.7	21.9	7.8	129.4	37.9																						

CAPACITY RATINGS

Model	PACS	AFR cfm (BPF)	EWB		Condenser Entering Air Temperature																													
					95°F (35°C)						105°F (40.6°C)						114.8°F (46°C)						118.4°F (48°C)						125°F (51.7°C)					
					Total Capacity		Sensible Capacity		PI	Total Capacity		Sensible Capacity		PI	Total Capacity		Sensible Capacity		PI	Total Capacity		Sensible Capacity		PI	Total Capacity		Sensible Capacity		PI					
°F	°C	MBh	KW	MBh	KW	KW	MBh	KW	MBh	KW	KW	MBh	KW	MBh	KW	KW	MBh	KW	MBh	KW	KW	MBh	KW	MBh	KW	KW								
52019		5445	62	16.7	195.8	57.4	171.7	50.3	16	187.3	54.9	168	49.2	18.3	176.6	51.8	163.4	47.9	20.6	172.9	50.7	161.8	47.4	21.4	166.3	48.7	159	46.6	22.8					
		2570	67	19.4	211.5	62	142.6	41.8	16.4	202.8	59.4	139.1	40.8	18.8	194.2	56.9	135.8	39.8	21.2	191.1	56	134.6	39.4	22	--	--	--	--	--					
		0.11	72	22.2	227.8	66.8	113	33.1	16.9	218.5	64	109.7	32.2	19.3	209.2	61.3	106.5	31.2	21.6	206	60.4	105.4	30.9	22.4	--	--	--	--	--					
		7000	62	18.7	201.9	59.2	195.7	57.4	16.1	191.5	56.1	191.4	56.1	18.4	181.5	53.2	181.5	53.2	20.8	178	52.2	178	52.2	21.6	--	--	--	--	--					
		3304	67	19.4	221.8	65	161.3	47.3	16.7	212.5	62.3	157.8	46.3	19.1	203.3	59.6	154.4	45.2	21.5	200.1	58.6	153.2	44.9	22.2	--	--	--	--	--					
		0.13	72	22.2	238	69.7	124.7	36.6	17.2	227.9	66.8	121.4	35.6	19.6	218.1	63.9	118.2	34.6	21.9	214.7	62.9	117	34.3	22.6	--	--	--	--	--					
		8556	62	18.7	205.5	60.2	205.5	60.2	16.2	195.5	57.3	195.5	57.3	18.6	185.7	54.4	185.7	54.4	20.9	182.3	53.4	182.3	53.4	21.7	--	--	--	--	--					
		4038	67	19.4	228.6	67	178.4	52.3	16.9	219	64.2	174.9	51.3	19.3	208.5	61.1	171.2	50.2	21.6	204.4	59.9	169.8	49.8	22.4	--	--	--	--	--					
		0.14	72	22.2	244.6	71.7	135.4	39.7	17.4	234.1	68.6	132.1	38.7	19.8	224	65.7	128.8	37.8	22	220.4	64.6	127.7	37.4	22.7	--	--	--	--	--					
		5850	62	16.7	206.8	60.6	184.7	54.1	15	196.5	57.6	180.2	52.8	17.1	186.2	54.6	175.7	51.5	19.5	182.5	53.5	174.1	51	20.3	176	51.6	171.4	50.2	21.8					
52020		2761	67	19.4	225.5	66.1	153.7	45	15.4	216.7	63.5	150.2	44	17.6	205.5	60.8	146.7	43	20.1	204.2	59.8	145.4	42.6	20.9	198.2	58.1	143.1	41.9	22.4					
		0.09	72	22.2	242.7	71.1	121.4	35.6	15.8	233	68.3	118	34.6	18.1	223.1	65.4	114.6	33.6	20.5	219.5	64.3	113.4	33.2	21.3	213.1	62.5	111.2	32.6	22.7					
		8000	62	16.7	213.9	62.7	213.9	62.7	15.1	204.2	59.9	204.2	59.9	17.3	194.3	57	194.3	57	19.7	190.7	56.9	190.7	56.9	20.6	184.4	54	184.4	54	22					
		3776	67	19.4	239.1	70.1	180.1	52.8	15.7	229.4	67.2	176.5	51.7	18	217.5	63.7	172.2	50.5	20.3	213.2	62.5	170.6	50	21.1	205.7	60.3	167.9	49.2	22.5					
		0.12	72	22.2	255.8	75	137.9	40.4	16.1	245.4	71.9	134.5	39.4	18.4	234.7	68.8	131	38.4	20.7	230.7	67.6	129.7	38	21.5	223.8	65.6	127.5	37.4	22.8					
		10725	62	16.7	221.5	64.9	221.5	64.9	15.3	211.8	62.1	211.8	62.1	17.5	201.8	59.1	201.8	59.1	19.9	198.1	58.1	198.1	58.1	20.8	191.7	56.2	191.7	56.2	22.2					
		5962	67	19.4	245.8	72.1	209.1	61.3	15.9	234	68.5	205	60.1	18.1	222.5	65.2	201	58.9	20.4	218.3	64	199.5	58.5	21.3	211.1	61.8	197	57.7	22.6					
		0.14	72	22.2	265.3	77.8	166.6	45.9	16.3	254.1	74.5	153.1	44.9	18.6	242.7	71.1	149.5	43.8	20.9	238.6	69.9	148.3	43.5	21.6	231.3	67.8	146	42.8	22.9					
		5850	62	16.7	226.2	66.3	193.3	56.6	16.8	216.2	63.4	188.8	55.3	19.2	204	59.8	183.4	53.8	21.6	199.4	58.4	181.4	53.2	22.5	191.4	56.1	177.9	52.2	24					
		2761	67	19.4	244.4	71.6	161.3	47.3	17.3	234.2	68.6	157.2	46.1	19.6	223.6	65.5	153	44.8	22	219.8	64.4	151.4	44.4	22.9	213.1	62.5	148.8	43.6	24.3					
52024		0.09	72	22.2	263	77.1	128.6	37.7	17.7	252	73.9	124.7	36.5	20.1	240.7	70.6	120.7	35.4	22.4	236.7	69.4	119.3	35	23.2	229.4	67.2	116.8	34.2	24.5					
		8000	62	16.7	236	69.2	227.5	66.7	17.1	223.7	65.6	222.4	65.2	19.4	211.5	62	211.5	62	21.8	207.2	60.7	207.2	60.7	22.6	199.8	58.8	199.8	58.8	24.1					
		3776	67	19.4	259.9	76.2	187.9	55.1	17.6	248.6	72.9	183.7	53.8	20	237.3	69.5	179.4	52.6	22.3	233.2	68.3	177.9	52.1	23.1	225.2	66	175	51.3	24.4					
		0.12	72	22.2	277.7	81.4	145.2	42.5	18.1	265.5	77.8	141.1	41.3	20.4	253.4	74.3	137.1	40.2	22.7	249	73	135.7	39.8	23.4	--	--	--	--	--					
		10725	62	16.7	243.1	71.3	243.1	71.3	17.2	231.2	67.8	19.5	21.2	67.8	19.5	219.3	64.3	21.9	215.1	63	215.1	63	22.8	207.7	60.9	207.7	60.9	24.2						
		5962	67	19.4	271.2	79.5	218.1	63.9	18	257.4	75.4	213.2	62.5	20.2	243.4	71.3	208.3	61	22.4	238.4	69.9	206.5	60.5	23.2	229.8	67.4	203.5	59.7	24.5					
		0.14	72	22.2	287.8	84.3	163.7	48	18.5	274.9	80.6	159.6	46.8	20.7	262.1	76.8	155.6	45.6	22.9	257.4	75.5	154.1	45.2	23.6	--	--	--	--	--					
		6500	62	16.7	248.5	72.8	213.5	62.6	18.5	236.5	69.3	208.1	61	21	220.5	64.6	201.1	59.9	23.6	214.9	63	198.7	58.2	24.5	205.3	60.2	194.6	57	26.1					
		3968	67	19.4	268.7	78.8	178.1	52.2	19	256.9	75.3	173.3	50.8	21.5	244.4	71.6	168.3	49.3	24.1	240	70.3	166.6	48.8	25.1	232.1	68	163.6	47.9	26.7					
		0.09	72	22.2	290	85	142.1	41.7	19.4	277.6	81.4	137.7	40.4	22	264.5	77.5	133.1	39	24.6	259.8	76.1	131.5	38.5	25.5	251.4	73.7	128.6	37.7	27.1					
52025		9100	62	16.7	259.2	76	254.5	74.6	18.8	244.9	71.8	244.9	71.8	21.2	230.5	67.6	230.5	67.6	23.8	225.4	66.1	225.4	66.1	24.7	216.6	63.5	216.6	63.5	26.4					
		4295	67	19.4	287.4	84.3	210.4	61.7	19.4	274.7	80.5	205.6	60.2	21.9	261.4	76.6	200.6	58.8	24.5	256.3	75.1	198.7	58.3	25.4	245.9	72.1	194.9	57.1	27					
		0.12	72	22.2	308.8	90.5	162.5	47.6	19.8	296	86.5	157.9	46.3	22.3	280.8	82.3	153.3	44.9	24.9	275.8	80.8	151.7	44.5	25.8	266.9	78.2	148.8	43.6	27.4					
		11917	62	16.7	266.8	78.2	266.8	78.2	19	253	74.2	253	74.2	21.4	238.9	70	238.9	70	24	233.9	68.5	233.9	68.5	24.9	225.1	66	225.1	66	26.5					
		5624	67	19.4	299.6	87.8	241.7	70.9	19.6	283.7	83.1	236.1	69.2	22.1	267.1	78.3	230.3	67.5	24.6	261.3	76.6	228.2	66.9	25.5	251.4	73.7	224.8	65.9	27.1					
		0.14	72	22.2	320.5	93.9	182.1	53.4	20	305.9	89.7	177.5	52	22.5	290.8	85.2	172.7	50.6	25.1	285.5	83.7	171.1	50.1	26	276	80.9	168.1	49.3	27.6					
		7581	62	16.7	284	83.2	244.1	71.6	23.1	269.7	79	237.8	69.7	26.2	253.4	74.3	230.7	67.6	29.3	246.8	72.3	227.9	66.8	30.4	235.6	69	223.1	65.4	32.2					
		3378	67	19.4	306.9	90	203.4	59.6	23.6	292.7	85.8	197.8	58	26.7	278.2	81.5	192.1	56.3	29.7	273	80	190.1	55.7	30.8	264.2	77.4	186.6	54.7	32.5					
		0.11	72	22.2	331.5	97.2	162.4	47.6	24.2	316.6	92.8	157.1	46	27.2	301.6	88.4	151.9	44.5	30.1	296.2	86.8	150	44	31	286.9	84.1	146.8	43	32.6					
		19500	62	16.7	298	87.3	299.7	84.9	23.4	280	82.1	280	82.1	26.4	262.5	77	262.5	77	29.5	256.5	75.2	256.5	75.2	30.5	246.3	72.2	246.3	72.2	32.4					
52028		4955	67	19.4	326.9	95.8	238.5	69.9	24.1	311.7	91.3	232.7	88.2	27.1	298.3	86.8	227.1	86.6	30	290.9	85.3	225.1	86	31	28									



CAPACITY RATINGS

Model PACS	AFR cfm /s	EWB	Condenser Entering Air Temperature																																												
			95°F (35°C)									105°F (40.6°C)									114.8°F (46°C)									118.4°F (48°C)									125°F (51.7°C)								
			Total Capacity			Sensible Capacity			PI	Total Capacity			Sensible Capacity			PI	Total Capacity			Sensible Capacity			PI	Total Capacity			Sensible Capacity			PI	Total Capacity			Sensible Capacity			PI										
			MBh	kW	MBh	kW	PI	MBh	kW	PI	MBh	kW	PI	MBh	kW	PI	MBh	kW	PI	MBh	kW	PI	MBh	kW	PI	MBh	kW	PI	MBh	kW	PI	MBh	kW	PI													
(BPF)	°F	°C	MBh	kW	PI	MBh	kW	PI	MBh	kW	PI	MBh	kW	PI	MBh	kW	PI	MBh	kW	PI	MBh	kW	PI	MBh	kW	PI	MBh	kW	PI	MBh	kW	PI															
52052	13125	62	16.7	528.9	155	457.7	134.1	42.9	501	146.9	445.1	130.5	48.6	466.9	136.8	430	126	54.2	455.2	133.4	424.8	124.5	56.2	435.3	127.6	416.2	122	59.6	435.3	127.6	416.2	122	59.6														
	6194	67	19.4	572.1	167.7	381.9	111.9	44.1	545.2	159.8	371	108.7	49.8	518.5	152	360.2	105.6	55.3	509	149.2	365.5	104.5	57.2	—	—	—	—	—	—	—	—	—	—														
	0.03	72	22.2	617.3	180.9	304.8	89.3	45.3	589.1	172.7	294.6	86.3	50.8	561.2	164.5	284.7	83.4	56.2	551.2	161.6	281.2	82.4	58	—	—	—	—	—	—	—	—	—															
	18750	62	16.7	551.9	161.8	551.9	161.8	43.6	519.9	152.4	519.9	152.4	49.1	488.9	143.3	488.9	143.3	54.7	478.2	140.2	478.2	140.2	56.6	459.7	134.8	459.7	134.8	60	459.7	134.8	459.7	134.8	60														
	8849	67	19.4	612.5	179.5	460.6	135	45.1	583.7	171.1	449.8	131.8	50.7	554.9	162.7	438.9	128.7	56.1	543.3	159.2	434.6	127.4	57.8	—	—	—	—	—	—	—	—	—	—														
	0.04	72	22.2	657.9	192.6	354.2	103.8	46.2	627	183.8	343.8	100.8	51.7	596.8	174.9	333.9	97.9	56.8	586.3	171.8	330.5	96.9	58.4	—	—	—	—	—	—	—	—	—	—														
	20625	62	16.7	557.3	163.3	557.3	163.3	43.7	525.7	154.1	525.7	154.1	49.3	495.2	145.1	495.2	145.1	54.8	484.6	142	484.6	142	56.8	466.1	136.6	466.1	136.6	60.1	466.1	136.6	466.1	136.6	60.1														
	9734	67	19.4	622	182.3	485.6	142.3	45.4	592.5	173.7	474.7	139.1	50.9	559.2	163.9	462.5	135.6	56.1	546.8	160.3	458	134.2	57.9	—	—	—	—	—	—	—	—	—	—	—													
	0.05	72	22.2	667	195.5	369.7	108.4	46.4	635.5	186.3	359.5	105.4	51.8	604.9	177.3	349.5	102.4	56.9	594	174.1	346	101.4	58.5	—	—	—	—	—	—	—	—	—	—	—													
	15950	62	16.7	579.1	169.7	512.4	150.2	48.3	541.7	158.8	496.8	145.3	54.4	506.3	148.4	480.3	140.8	60.4	494.4	144.9	475.2	139.3	62.5	—	—	—	—	—	—	—	—	—	—	—	—												
	7103	67	19.4	627.4	183.9	426.3	124.9	48.6	597.2	175.1	414.2	121.4	55.7	567.8	166.4	402.4	118	61.5	557.7	163.4	398.5	116.8	63.4	—	—	—	—	—	—	—	—	—	—	—	—												
52060	0.03	72	22.2	676.4	198.3	338.1	99.1	50.9	644.6	188.9	326.8	95.8	56.7	613.5	179.8	315.9	92.6	62.1	602.9	176.7	312.2	91.5	63.7	—	—	—	—	—	—	—	—	—	—	—	—												
	21000	62	16.7	598	175.3	598	175.3	48.8	563.5	165.2	563.5	165.2	54.9	530.6	155.5	530.6	155.5	60.9	519.3	152.2	519.3	152.2	62.9	—	—	—	—	—	—	—	—	—	—	—													
	9911	67	19.4	667.7	195.7	509.4	149.3	50.7	635.5	186.3	497.2	145.7	56.6	599.1	175.6	483.7	141.8	61.9	586	171.7	478.9	140.4	63.6	—	—	—	—	—	—	—	—	—	—	—													
	0.04	72	22.2	716.2	209.9	390	114.3	51.8	682	199.9	378.6	111	57.4	649	190.2	367.9	107.8	62.3	637.6	186.9	364.1	106.7	63.8	—	—	—	—	—	—	—	—	—	—	—													
	23650	62	16.7	606.1	177.7	606.1	177.7	49	572.1	167.7	572.1	167.7	55.1	539.3	158.1	539.3	158.1	61	528.1	154.8	528.1	154.8	63	—	—	—	—	—	—	—	—	—	—	—													
	11162	67	19.4	680.3	199.4	544.6	159.6	51	642.6	188.3	530.8	155.6	56.7	604.4	177.2	517.1	151.6	62	591.6	173.4	512.5	150.2	63.7	—	—	—	—	—	—	—	—	—	—	—	—												
	0.05	72	22.2	728.3	213.5	412.1	120.8	52.1	693.4	203.2	400.7	117.5	57.6	659.3	193.2	389.8	114.2	62.4	647.6	189.8	386	113.1	63.7	—	—	—	—	—	—	—	—	—	—	—	—												
	17150	62	16.7	675.1	197.9	590.8	173.2	53.6	640.7	187.8	575.4	168.6	60.6	602.2	176.5	558.3	163.6	67.8	588.9	172.6	552.5	161.9	70.3	566.1	165.9	542.7	159.1	74.6	566.1	165.9	542.7	159.1	74.6	566.1	165.9	542.7											
	8094	67	19.4	731	214.3	492.3	144.3	54.9	700.2	205.2	479.8	140.6	61.9	669.1	196.1	467.4	137	68.9	657.9	192.8	462.9	135.7	71.3	638.3	187.1	455.2	133.4	75.2	638.3	187.1	455.2	133.4	75.2	638.3	187.1	455.2											
	0.03	72	22.2	788.8	231.2	391.8	114.8	56.2	756.3	221.7	380.1	111.4	62.9	723	211.9	368.3	108	69.5	711.1	208.4	364.2	106.7	71.7	—	—	—	—	—	—	—	—	—	—	—	—	—											
	52065	23000	62	16.7	697.1	204.3	695.4	203.8	54.2	660.9	193.7	660.9	193.7	61.1	625.2	183.3	625.2	183.3	68.2	612.8	179.6	612.8	179.6	70.7	591.2	173.3	591.2	173.3	74.9	591.2	173.3	591.2	173.3	74.9	591.2	173.3	591.2										
10855		67	19.4	773.8	226.8	574.6	168.4	55.9	740.8	217.1	562.2	164.8	62.7	707.7	207.4	549.7	161.1	69.4	695.4	203.8	545	159.7	71.6	669.4	196.2	535.3	156.9	75.2	669.4	196.2	535.3	156.9	75.2	669.4	196.2	535.3											
0.04		72	22.2	831.7	243.8	443.5	130	57	796.2	233.4	431.5	126.5	63.5	760.9	223	419.7	123	69.8	748.2	219.3	415.5	121.8	71.8	—	—	—	—	—	—	—	—	—	—	—	—												
26950		62	16.7	708.9	207.8	708.9	207.8	54.4	673.6	197.4	673.6	197.4	61.4	638.5	187.1	638.5	187.1	68.4	626.2	183.5	626.2	183.5	70.9	604.7	177.2	604.7	177.2	75	604.7	177.2	604.7	177.2	75	604.7	177.2	604.7											
12719		67	19.4	794.1	232.7	627.5	183.9	56.3	759.5	222.6	614.8	180.2	63	718	210.4	599.7	175.8	69.5	703.3	206.1	594.4	174.2	71.6	—	—	—	—	—	—	—	—	—	—	—	—												
0.05		72	22.2	851.5	249.6	476.6	139.7	57.3	814.9	238.6	467	136.2	63.7	778.2	228.1	452.8	132.7	69.8	764.9	224.2	448.5	131.5	71.8	—	—	—	—	—	—	—	—	—	—	—	—												
17150		62	16.7	728.7	213.6	615.3	180.4	61.9	697.1	204.3	600.8	176.1	70.3	665.4	195	586.4	171.9	78.6	653	191.4	580.8	170.2	81.5	627.4	183.9	569.4	166.9	86.3	627.4	183.9	569.4	166.9	86.3	627.4	183.9	569.4											
8094		67	19.4	765.6	220.3	514.7	150.9	63.5	754.5	221.1	501.9	147.1	71.7	723.5	212.1	489.3	143.4	79.7	712.5	208.8	484.8	142.1	82.4	—	—	—	—	—	—	—	—	—	—	—	—												
0.03		72	22.2	848	248.5	413.7	121.3	64.9	815.3	239	401.5	117.7	72.9	783.2	229.5	389.8	114.2	80.5	771.6	226.2	386.6	113	82.9	—	—	—	—	—	—	—	—	—	—	—	—												
52070		23000	62	16.7	765	224.2	724.3	212.3	62.9	745.8	224.2	707.1	207.2	71	686.5	201.2	686.5	201.2	79.1	673.3	197.3	673.3	197.3	81.8	—	—	—	—	—	—	—	—	—	—	—												
		10855	67	19.4	833.5	244.3	597.4	175.1	64.6	800.3	234.6	584.6	171.3	72.7	767.6	225	572.2	167.7	80.3	755.8	221.5	567.8	166.4	82.8	—	—	—	—	—	—	—	—	—	—	—	—											
	0.04	72	22.2	898.2	263.3	466.4	136.7	65.9	862.3	252.7	454	133.1	73.6	827	242.4	441.8	129.5	80.7	814.4	238.7	437.6	128.3	83	—	—	—	—	—	—	—	—	—	—	—	—												
	26950	62	16.7	774.9	227.1	774.9	227.1	63.2	736.2	215.8	736.2	215.8	71.3	699.3	205	699.3	205	79.3	686.5	201.2	686.5	201.2	82	—	—	—	—	—	—	—	—	—	—	—	—												
	12719	67	19.4	856.5	251	651.1	190.8	65.1	822.2	241	638.1	187	73	788.3	231	625.3	183.3	80.5	776.2																												

CAPACITY RATINGS - HIGH EFFICIENCY

Model PACSG	AFR cfm (BPF)	EWB	Condenser Entering Air Temperature																													
			95°F (35°C)						105°F (40.6°C)						114.8°F (46°C)						118.4°F (48°C)						125°F (51.7°C)					
			Total Capacity		Sensible Capacity		PI	Total Capacity		Sensible Capacity		PI	Total Capacity		Sensible Capacity		PI	Total Capacity		Sensible Capacity		PI	Total Capacity		Sensible Capacity		PI					
			MtH	kW	MtH	kW	kW	MtH	kW	MtH	kW	kW	MtH	kW	MtH	kW	kW	MtH	kW	MtH	kW	kW	MtH	kW	MtH	kW	kW					
51004G	1375	62	16.7	46.3	13.6	46.3	13.6	3.3	44.4	13	44.4	13	3.8	42.4	12.4	42.4	12.4	4.2	41.7	12.2	4.4	40.4	11.8	40.4	11.8	4.7						
	649	66.2	19	51.2	15	42.6	12.5	3.4	49.2	14.4	41.8	12.3	3.8	46.7	13.7	40.9	12	4.3	45.8	13.4	40.5	11.9	4.5	44.3	13	39.9	11.7	4.8				
	0.09	72	22.2	56	16.4	33.9	9.9	3.5	53.9	15.8	33.2	9.7	3.9	51.6	15.1	32.4	9.5	4.4	50.8	14.9	32.1	9.4	4.6	49.2	14.4	31.6	9.3	4.9				
	1670	62	16.7	47.8	14	47.8	14	3.4	45.9	13.4	45.9	13.4	3.8	43.9	12.9	43.9	12.9	4.3	43.2	12.7	43.2	12.7	4.4	41.9	12.3	41.9	12.3	4.7				
	788	66.2	19	52.5	15.4	47.4	13.9	3.4	50.1	14.7	46.5	13.6	3.9	47.8	14	45.6	13.4	4.3	46.9	13.8	45.3	13.3	4.5	45.4	13.3	44.7	13.1	4.8				
	0.11	72	22.2	58	17	37.4	11	3.5	55.8	16.3	36.6	10.7	4	53.3	15.6	35.8	10.5	4.5	52.4	15.4	35.5	10.4	4.6	50.7	14.9	34.9	10.2	5				
	2521	62	16.7	50.9	14.9	50.9	14.9	3.4	48.8	14.3	48.8	14.3	3.8	46.7	13.7	46.7	13.7	4.3	47.9	14	47.9	14	4.5	46.3	13.6	46.3	13.6	4.8				
	1190	66.2	19	54.9	16.1	54.9	16.1	3.5	52.6	15.4	52.6	15.4	3.9	50.2	14.7	50.2	14.7	4.4	49.3	14.5	49.3	14.5	4.6	47.7	14	47.7	14	4.9				
	0.14	72	22.2	61.5	18	46.3	13.6	3.6	58.7	17.2	45.5	13.3	4	55.6	16.3	44.5	13	4.5	54.4	15.9	44.1	12.9	4.7	52.4	15.4	43.5	12.7	5				
	1605	62	16.7	55.4	16.2	55.4	16.2	3.8	53.1	15.6	53.1	15.6	4.3	50.5	14.8	50.5	14.8	4.9	49.5	14.5	49.5	14.5	5.1	47.8	14	47.8	14	5.5				
51005G	757	66.2	19	60.9	17.8	49.7	14.6	3.8	58.7	17.2	48.9	14.3	4.4	56.3	16.5	47.9	14	4.9	55.3	16.2	47.5	13.9	5.2	53.3	15.6	46.7	13.7	5.5				
	0.11	72	22.2	66.8	19.6	39.8	11.7	3.9	64.4	18.9	38.9	11.4	4.4	61.7	18.1	38	11.1	5	60.7	17.8	37.7	11	5.2	58.9	17.2	37	10.9	5.6				
	2000	62	16.7	57.2	16.8	57.2	16.8	3.8	55	16.1	55	16.1	4.3	52.4	15.4	52.4	15.4	4.9	51.4	15.1	51.4	15.1	5.1	49.7	14.6	49.7	14.6	5.5				
	944	66.2	19	63.7	18.7	56.3	16.5	3.9	61	17.9	55.3	16.2	4.4	57.8	16.9	54	15.8	5	56.6	16.6	53.6	15.7	5.2	54.5	16	52.8	15.5	5.6				
	0.12	72	22.2	69.6	20.4	44.3	13	3.9	66.9	19.6	43.3	12.7	4.5	64.1	18.8	42.4	12.4	5.1	63	18.5	42.1	12.3	5.3	61.1	17.9	41.5	12.1	5.7				
	2521	62	16.7	59.2	17.3	59.2	17.3	3.8	56.9	16.7	56.9	16.7	4.3	54.3	15.9	54.3	15.9	4.9	53.3	15.6	53.3	15.6	5.1	51.5	15.1	51.5	15.1	5.5				
	1190	66.2	19	65.1	19.1	63.8	18.7	3.9	62.2	18.2	62.2	18.2	4.4	59.1	17.3	59.1	17.3	5	58	17	58	17	5.2	56	16.4	56	16.4	5.6				
	0.14	72	22.2	72	21.1	49.6	14.6	4	69	20.2	48.7	14.3	4.5	66.1	19.4	47.8	14	5.1	65	19.1	47.4	13.9	5.4	63	18.5	46.8	13.7	5.8				
	1930	62	16.7	66.2	19.4	66.2	19.4	4.6	63.4	18.6	63.4	18.6	5.2	60.4	17.7	60.4	17.7	5.8	59.3	17.4	59.3	17.4	6.1	57.3	16.8	57.3	16.8	6.5				
	911	66.2	19	73	21.4	60.3	17.7	4.7	70.3	20.6	59.2	17.4	5.3	66.7	19.5	57.8	16.9	6	65.3	19.1	57.2	16.8	6.2	62.9	18.4	56.3	16.5	6.6				
51007G	0.09	72	22.2	79.7	23.4	48	14.1	4.8	76.7	22.5	47	13.8	5.4	73.4	21.5	45.8	13.4	6.1	72.2	21.2	45.4	13.3	6.4	70	20.5	44.6	13.1	6.9				
	2400	62	16.7	68.6	20.1	68.6	20.1	4.6	65.8	19.3	65.8	19.3	5.2	62.8	18.4	62.8	18.4	5.9	61.6	18.1	61.6	18.1	6.1	59.6	17.5	59.6	17.5	6.6				
	1133	66.2	19	75.3	22.1	67.9	19.9	4.7	71.8	21	66.6	19.5	5.3	68.3	20	65.2	19.1	6	67	19.6	64.8	19	6.2	64.7	19	63.9	18.7	6.7				
	0.11	72	22.2	82.9	24.3	53.4	15.7	4.8	79.6	23.3	52.3	15.3	5.4	76.1	22.3	51.2	15	6.2	74.8	21.9	50.8	14.9	6.5	72.5	21.2	50	14.7	7				
	3538	62	16.7	72.6	21.3	72.6	21.3	4.7	69.7	20.4	69.7	20.4	5.3	66.5	19.5	66.5	19.5	6	65.3	19.1	65.3	19.1	6.2	65.9	19.3	65.9	19.3	6.7				
	1670	66.2	19	78.3	23	78.3	23	4.8	75	22	75	22	5.4	71.5	21	71.5	21	6.1	70.2	20.6	70.2	20.6	6.3	67.9	19.9	67.9	19.9	6.8				
	0.14	72	22.2	87.3	25.6	65.3	19.1	4.7	83.6	24.5	64.2	18.8	5.4	79.2	23.2	62.8	18.4	6.3	77.6	22.7	62.3	18.3	6.6	74.8	21.9	61.4	18	7.2				
	2252	62	16.7	76.6	22.4	76.6	22.4	5.3	73	21.4	73	21.4	6	69.3	20.3	69.3	20.3	6.8	67.9	19.9	67.9	19.9	7.1	65.5	19.2	65.5	19.2	7.6				
	1063	66.2	19	84	24.6	69.2	20.3	5.4	80.7	23.7	67.9	19.9	6.1	77.3	22.7	66.6	19.5	6.9	75.7	22.2	65.9	19.3	7.2	72.7	21.3	64.8	19	7.7				
	0.11	72	22.2	92.1	27	55.3	16.2	5.5	88.5	25.9	54	15.8	6.3	84.8	24.8	52.7	15.5	7	83.4	24.4	52.2	15.3	7.3	80.8	23.7	51.3	15	7.9				
51008G	2880	62	16.7	79.3	23.2	79.3	23.2	5.3	75.9	22.2	75.9	22.2	6	72.2	21.2	72.2	21.2	6.8	70.8	20.8	70.8	20.8	7.1	68.4	20.1	68.4	20.1	7.7				
	1359	66.2	19	87.9	25.8	79.4	23.3	5.4	83.5	24.5	77.8	22.8	6.1	79.2	23.2	76.1	22.3	6.9	77.6	22.7	75.5	22.1	7.2	74.8	21.9	74.5	21.8	7.7				
	0.13	72	22.2	96.4	28.3	62.3	18.3	5.6	92.5	27.1	61	17.9	6.3	88.5	25.9	59.7	17.5	7.1	87	25.5	59.2	17.4	7.4	84.2	24.7	58.3	17.1	7.9				
	3538	62	16.7	81.6	23.9	81.6	23.9	5.3	78.1	22.9	78.1	22.9	6	74.4	21.8	74.4	21.8	6.9	73.1	21.4	73.1	21.4	7.2	70.6	20.7	70.6	20.7	7.7				
	1670	66.2	19	89.3	26.2	88.8	26	5.5	85.1	24.9	85.1	24.9	6.2	80.9	23.7	80.9	23.7	7	79.4	23.3	79.4	23.3	7.3	76.7	22.5	76.7	22.5	7.8				
	0.14	72	22.2	99.4	29.1	69.2	20.3	5.7	95.3	27.9	67.9	19.9	6.4	91	26.7	66.5	19.5	7.2	89.4	26.2	66	19.3	7.5	86.4	25.3	65	19.1	8				
	2917	62	16.7	108.8	31.9	106.8	31.3	7.8	103.9	30.5	103.9	30.5	8.8	96.5	28.9	96.5	28.9	10	96.6	28.3	96.6	28.3	10.5	93.1	27.3	93.1	27.3	11.3				
	1377	66.2	19	119	34.9	94.6	27.7	7.9	114.6	33.6	92.8	27.2	9	109.6	32.1	90.8	26.6	10.2	107.8	31.6	90.1	26.4	10.6	104.2	30.5	88.6	26	11.4				
	0.1	72	22.2	130.5	38.3	76.1	22.3	8.1	125.6	36.8	74.4	21.8	9.2	120.3	35.2	72.5	21.2	10.4	118.3	34.7	71.8	21	10.8	114.7	33.6	70.6	20.7	11.6				
	4000	62	16.7	114.2	33.5	114.2	33.5	7.8	109.4	32.1	109.4	32.1	8.9	104.2	30.5	104.2	30.5	10.1	102.2	30	102.2	30	10.5	98.8	28.9	98.8	28.9	11.3				
52010G	1888	66.2	19	126.8	37.2	112.8	33.1	8	120.6	35.4	110.5	32.4	9.1	114.2	33.5	108.1	31.7	10.2	111.9	32.8	107.2	31.4	10.7	107.9	31.6	105.7	31	11.4				
	0.12	72	22.2	138.5	40.6	88.6	26	8.2	132.9	38.9	86.7	25.4	9.3	127.2	37.3	84.9	24.9	10.6	125.1	36.7	84.2	24.7	11	121.3	35.6	83	24.3	11.8				
	5347	62	16.7	119.2	35	119.2	35	7.9	114.3	33.5	114.3	33.5	9	108.9	31.9	108.9	31.9	10.2	106.9	31.3	106.9	31.3	10.6	103.3	3							



CAPACITY RATINGS - HIGH EFFICIENCY

Model PACSG	AFR cfm (BPF)	EWB °F °C	Condenser Entering Air Temperature																													
			95°F (35°C)						105°F (40.6°C)						114.8°F (46°C)						118.4°F (48°C)						125°F (51.7°C)					
			Total Capacity		Sensible Capacity		PI	Total Capacity		Sensible Capacity		PI	Total Capacity		Sensible Capacity		PI	Total Capacity		Sensible Capacity		PI	Total Capacity		Sensible Capacity		PI					
			MBh	kW	MBh	kW	kW	MBh	kW	MBh	kW	kW	MBh	kW	MBh	kW	kW	MBh	kW	MBh	kW	kW	MBh	kW	MBh	kW	kW					
520190	5445	62	16.7	204.5	59.9	202	59.2	14	195.6	57.3	195.6	57.3	16	186.4	54.6	186.4	54.6	18.2	183	53.6	183	53.6	19.1	176.9	51.8	176.9	51.8	20.5				
	2570	66.2	19	224.4	65.8	179.2	52.5	14.4	216	63.3	175.8	51.5	16.3	206.4	60.5	171.9	50.4	18.5	202.1	59.2	170.2	49.9	19.3	194.7	57.1	167.2	49	20.7				
	0.08	72	22.2	244.9	71.8	143.6	42.1	14.7	235.6	69.1	140.3	41.1	16.7	225.9	66.2	136.9	40.1	18.9	222.2	66.1	136.6	39.8	19.7	215.7	63.2	133.4	39.1	21.1				
	7000	62	16.7	212.9	62.4	212.9	62.4	14.2	204.2	59.9	204.2	59.9	16.1	195	57.1	195	57.1	18.3	191.5	56.1	191.5	56.1	19.2	185.4	54.3	185.4	54.3	20.6				
	3304	66.2	19	233.6	68.5	205.4	60.2	14.5	222.9	65.3	201.2	59	16.5	211.9	62.1	197.1	57.8	18.6	208	61	195.6	57.3	19.4	201.1	58.9	193	56.6	20.8				
	0.1	72	22.2	256.7	75.2	162.2	47.5	15	246.7	72.3	158.8	46.6	17	236.2	69.2	155.3	45.5	19.2	232.4	68.1	154	45.2	20.1	225.4	66.1	151.7	44.5	21.5				
	8556	62	16.7	220.1	64.5	220.1	64.5	14.3	211.2	61.9	211.2	61.9	16.3	201.7	59.1	201.7	59.1	18.5	198.2	58.1	198.2	58.1	19.3	191.6	56.2	191.6	56.2	20.7				
	4038	66.2	19	238.5	69.9	229.7	67.3	14.6	228.2	66.9	225.9	66.2	16.6	217.7	63.8	217.7	63.8	18.7	213.8	62.7	213.8	62.7	19.5	206.8	60.6	206.8	60.6	20.9				
	0.11	72	22.2	265	77.7	179.7	52.7	15.1	254.3	74.5	176.2	51.7	17.2	243.2	71.3	172.7	50.6	19.5	239.1	70.1	171.4	50.2	20.3	231.1	67.7	168.8	49.5	21.8				
	5850	62	16.7	206.7	60.6	206.7	60.6	14.1	198	58	198	58	16	188.8	55.3	188.8	55.3	18.3	185.4	54.3	185.4	54.3	19.1	179.3	52.5	179.3	52.5	20.6				
520200	2761	66.2	19	227.9	66.8	186.5	54.7	14.4	219.2	64.2	183	53.6	16.4	207.7	60.9	178.4	52.3	18.6	203.6	59.7	176.7	51.8	19.3	196.3	57.5	173.9	51	20.7				
	0.09	72	22.2	248.4	72.8	148.6	43.6	14.8	238.9	70	145.3	42.6	16.8	229	67.1	141.8	41.6	19	225.3	66	140.6	41.2	19.8	218.6	64.1	138.3	40.5	21.2				
	8000	62	16.7	217.7	63.8	217.7	63.8	14.2	208.9	61.2	208.9	61.2	16.2	199.5	58.5	199.5	58.5	18.4	196	57.5	196	57.5	19.2	189.8	55.6	189.8	55.6	20.7				
	3776	66.2	19	236.7	69.4	221.1	64.8	14.6	226.3	66.3	217.2	63.7	16.5	215.7	63.2	213.2	62.5	18.7	211.9	62.1	211.7	62.1	19.5	205	60.1	205	60.1	20.9				
	0.11	72	22.2	262.3	76.9	173.5	50.9	15.1	252	73.8	170.2	49.9	17.1	241	70.6	166.6	48.8	19.4	237	69.5	165.3	48.4	20.2	229.7	67.3	162.9	47.8	21.7				
	10725	62	16.7	227.6	66.7	227.6	66.7	14.4	218.1	63.9	218.1	63.9	16.4	208.3	61	208.3	61	18.6	213.2	62.5	213.2	62.5	19.5	206.3	60.5	206.3	60.5	20.9				
	5962	66.2	19	244.8	71.8	244.8	71.8	14.7	234.5	68.7	234.5	68.7	16.7	233.7	65.6	233.7	65.6	18.9	219.7	64.4	219.7	64.4	19.7	212.6	62.3	212.6	62.3	21.1				
	0.13	72	22.2	272.6	79.9	202.4	59.3	15.3	260.4	76.3	198.6	58.2	17.4	247.5	72.5	194.6	57	19.7	242.9	71.2	193.1	56.6	20.5	234.6	68.8	190.6	55.9	21.9				
	5850	62	16.7	230.7	67.6	223.1	65.4	16.2	219.8	64.4	218.2	64	18.4	208.5	61.1	208.5	61.1	20.8	204.4	59.9	204.4	59.9	21.7	197.1	57.8	197.1	57.8	23.3				
	2761	66.2	19	252.6	74	198.3	58.1	16.6	242.4	71	194.1	56.9	18.9	231	67.7	189.4	55.5	21.2	225.9	66.2	187.3	54.9	22.1	217	63.6	183.8	53.9	23.6				
520240	0.08	72	22.2	274.9	80.6	199.3	46.7	17.1	263.5	77.2	155.1	45.5	19.3	251.7	73.8	150.9	44.2	21.7	247.4	72.5	149.4	43.8	22.5	239.7	70.2	146.7	43	23.9				
	8000	62	16.7	242.9	71.2	242.9	71.2	16.4	232.1	68	232.1	68	18.6	220.8	64.7	220.8	64.7	21.1	216.6	63.5	216.6	63.5	21.9	209.2	61.3	209.2	61.3	23.5				
	3776	66.2	19	265	77.7	234.7	68.8	16.9	252	73.9	229.7	67.3	19.1	239	70	224.8	65.9	21.4	234.4	68.7	223	65.4	22.2	226.2	66.3	220	64.5	23.7				
	0.1	72	22.2	290	86	184.8	54.2	17.5	277.5	81.3	180.5	52.9	19.7	264.9	77.7	176.3	51.7	22	260.3	76.3	174.8	51.2	22.8	251.7	73.8	172	50.4	24.1				
	10725	62	16.7	254.7	74.7	254.7	74.7	16.6	243.5	71.4	243.5	71.4	18.9	231.5	67.8	231.5	67.8	21.3	227.1	66.6	227.1	66.6	22.1	228.4	66.9	228.4	66.9	23.7				
	5962	66.2	19	273.7	80.2	273.7	80.2	17.1	261.1	76.5	261.1	76.5	19.3	248.2	72.7	248.2	72.7	21.6	243.5	71.4	243.5	71.4	22.4	235.1	68.9	235.1	68.9	24.8				
	0.12	72	22.2	300.9	88.2	214.5	62.9	17.9	286.9	84.1	210	61.5	20	272.4	79.8	205.6	60.2	22.2	267.1	78.3	203.7	69.7	22.9	257.3	75.4	200.7	58.8	24.3				
	6500	62	16.7	248.2	72.7	243	71.2	18.4	234.7	68.8	234.7	68.8	20.8	221	64.8	221	64.8	23.4	216.1	63.3	216.1	63.3	24.4	207.6	60.8	207.6	60.8	26				
	3068	66.2	19	271.6	79.6	215.5	63.2	18.9	259.6	76.1	210.6	61.7	21.4	246.1	72.1	205.1	60.1	24	240.2	70.4	202.8	59.4	24.9	230.2	67.5	198.8	58.3	26.5				
	0.08	72	22.2	296.8	87	173.1	50.7	19.4	283.9	83.2	168.5	49.4	21.9	270.5	79.3	163.8	48	24.5	265.6	77.9	162.1	47.5	25.4	257.1	75.4	159.1	46.6	27.1				
520250	9100	62	16.7	261.8	76.7	261.8	76.7	18.7	248.9	73	248.9	73	21.1	235.5	69	235.5	69	23.7	230.7	67.6	230.7	67.6	24.7	222.2	65.1	222.2	65.1	26.3				
	4295	66.2	19	286.2	83.9	258.8	75.9	19.2	271.1	79.5	253.2	74.2	21.6	256.1	75.1	247.5	72.5	24.2	250.8	73.5	245.5	72	25.1	241.7	70.9	241.7	70.9	26.7				
	0.11	72	22.2	316	92.6	204	59.8	19.7	301.9	88.5	199.2	58.4	22.2	287.4	84.2	194.5	57	24.8	282.1	82.7	192.8	56.5	25.7	272.8	79.9	189.7	55.6	27.3				
	11917	62	16.7	273.1	80.1	273.1	80.1	18.9	260	76.2	260	76.2	21.4	246.1	72.1	246.1	72.1	24	241.1	70.7	241.1	70.7	24.9	243	71.2	243	71.2	26.8				
	5624	66.2	19	294.9	86.4	294.9	86.4	19.3	280.5	82.2	280.5	82.2	21.8	265.6	77.9	265.6	77.9	24.4	260.3	76.3	260.3	76.3	25.3	251	73.6	251	73.6	26.9				
	0.13	72	22.2	326.6	96.3	234.6	68.8	19.9	313.3	91.8	229.7	67.3	22.4	296.5	86.9	224.4	65.8	25	290.2	85.1	222.4	65.2	25.9	279.4	81.9	219	64.2	27.4				
	7584	62	16.7	285.8	83.8	279.4	81.9	22.9	269.3	78.9	269.3	78.9	25.9	252.9	74.1	252.9	74.1	29	247.2	72.4	247.2	72.4	30.1	237.4	69.6	237.4	69.6	32.1				
	3379	66.2	19	311.1	91.2	247.1	72.4	23.5	296.7	87	241.2	70.7	26.5	281.9	82.6	236.3	69	29.6	276.5	81	233.1	68.3	30.6	264.6	77.6	128.4	66.9	32.3				
	0.09	72	22.2	340.3	99.7	198.5	58.2	24.2	324.9	95.2	193	56.6	27.1	308.3	90.7	187.6	55	29.9	303.8	89	185.6	54.4	30.9	294.1	86.2	182.3	53.4	32.4				
	10500	62	16.7	299.6	87.8	299.6	87.8	23.2	283.9	83.2	283.9	83.2	26.2	268	78.5	268	78.5	29.3	262.4	76.9	262.4	76.9	30.4	252.7	74.1	252.7	74.1	32.2				
520280	4955	66.2	19	330.4	96.8	295.7	86.7	23.9	311.3	91.2	288.4	84.5	26.8	292.9	85.8	281.5	82.5															

CAPACITY RATINGS - HIGH EFFICIENCY

Model	PACSG	AFR cfm l/s	EWB	Condenser Entering Air Temperature																																												
				95°F (35°C)									105°F (40.6°C)									114.8°F (46°C)									118.4°F (48°C)									125°F (51.7°C)								
				Total Capacity			Sensible Capacity			PI	Total Capacity			Sensible Capacity			PI	Total Capacity			Sensible Capacity			PI	Total Capacity			Sensible Capacity			PI	Total Capacity			Sensible Capacity			PI										
				MBh	kW	MBh	kW	kW	MBh	kW	MBh	kW	kW	MBh	kW	MBh	kW	kW	MBh	kW	MBh	kW	kW	MBh	kW	MBh	kW	kW	MBh	kW	MBh	kW	kW															
(BPF)	°F	°C	MBh	kW	MBh	kW	kW	MBh	kW	MBh	kW	kW	MBh	kW	MBh	kW	kW	MBh	kW	MBh	kW	kW	MBh	kW	MBh	kW	kW	MBh	kW	MBh	kW	kW																
52052G	13125	62	16.7	530.8	155.6	516.8	151.5	40.8	500.4	146.7	500.4	146.7	46.1	469.5	137.6	469.5	137.6	51.9	458.4	134.4	458.4	134.4	54	439.9	128.9	439.9	128.9	57.6																				
	6194	66.2	19	574.8	168.5	456.5	133.8	41.8	549.1	160.9	445.8	130.7	47.3	522	153	434.7	127.4	52.9	512.2	150.1	430.7	126.2	55	493.1	144.5	423	124	58.4																				
	0.03	72	22.2	628.8	184.3	367.3	107.7	42.9	601.6	176.3	357.4	104.7	48.4	573.3	168	347.3	101.8	53.9	562.9	165	343.6	100.7	55.8	544.9	159.7	337.2	98.8	59.1																				
	18750	62	16.7	556.3	163.1	556.3	163.1	41.4	527.9	154.7	498.5	146.1	52.5	487.9	143	487.9	143	54.5	469.6	137.6	469.6	137.6	58.1																									
	8849	66.2	19	615.2	180.3	563.1	165	42.7	580.3	170.1	549.8	161.1	47.9	546	160	536.9	157.4	53.4	533.9	156.5	532.3	156	55.4	513.6	150.5	513.6	150.5	58.7																				
	0.04	72	22.2	671.5	196.8	440.6	129.2	43.8	641.3	188	430.5	126.2	49.1	610.5	178.9	420.2	123.2	54.5	599.3	175.7	416.6	122.1	56.3	580.1	170	410.3	120.3	59.4																				
	20625	62	16.7	563.7	165.2	563.7	165.2	41.5	535.3	156.9	535.3	156.9	46.9	505.9	148.3	505.9	148.3	52.6	495.2	145.2	495.2	145.2	54.7	476.9	139.8	476.9	139.8	58.2																				
	9734	66.2	19	619.3	181.5	595.4	174.5	42.7	585.2	171.5	582.6	170.8	48	551.7	161.7	551.7	161.7	53.5	539.9	158.2	539.9	158.2	55.5	519.8	152.4	519.8	152.4	58.8																				
	0.05	72	22.2	681.2	199.7	464	136	44	650.3	190.6	453.9	133	49.3	619.1	181.5	443.7	130	54.6	607.7	178.1	440	129	56.4	587.8	172.3	433.6	127.1	59.4																				
	15050	62	16.7	580.7	170.2	580	170	45	548.6	160.8	548.6	160.8	50.9	516	151.2	516	151.2	57.2	504.5	147.9	504.5	147.9	59.4	484.5	142	484.5	142	63.4																				
	7103	66.2	19	634.8	186.1	513.4	150.5	46.2	605.9	177.6	501.4	147	52.1	576	168.8	489.3	143.4	58.2	562.1	164.7	483.7	141.8	60.3	538	157.7	474.1	139	63.9																				
52060G	0.03	72	22.2	694.3	203.5	411.4	120.6	47.5	663.6	194.5	400.4	117.4	53.3	631.7	185.1	389.1	114	59	620.3	181.8	385.1	112.9	60.9	600.1	175.9	378.1	110.8	64.1																				
	21000	62	16.7	609.2	178.6	609.2	178.6	45.6	578.3	169.5	578.3	169.5	51.6	546.4	160.1	546.4	160.1	57.7	534.9	156.8	534.9	156.8	59.9	514.9	150.9	514.9	150.9	63.7																				
	9911	66.2	19	670.3	196.5	623.9	182.9	47	632.7	185.4	609.8	178.7	52.7	596	174.7	595.9	174.7	58.5	583.3	171	583.3	171	60.6	561.4	164.6	561.4	164.6	64																				
	0.04	72	22.2	737	216	488.8	143.3	48.5	703.2	206.1	477.5	140	54	669.3	196.2	466.3	136.7	59.4	657.1	192.6	462.3	135.5	61.2	635.5	186.3	455.3	133.4	64																				
	23650	62	16.7	619.8	181.7	619.8	181.7	45.9	588.6	172.5	588.6	172.5	51.8	555.5	163.1	555.5	163.1	57.9	545.1	159.8	545.1	159.8	60.1	524.9	153.8	524.9	153.8	63.8																				
	11162	66.2	19	676.8	198.4	670.2	196.4	47.1	640.3	187.7	640.3	187.7	52.8	604.6	177.2	604.6	177.2	58.6	592.1	173.5	592.1	173.5	60.7	570.5	167.2	570.5	167.2	64																				
	0.05	72	22.2	750	219.8	521.8	153	48.7	715.5	209.7	510.6	149.7	54.2	680.5	199.5	499.3	146.3	59.5	667.9	196.8	495.2	145.1	61.2	645.6	189.2	488	143	63.9																				
	17150	62	16.7	659.8	193.4	659.8	193.4	53.5	625.4	183.3	625.4	183.3	60.6	591.4	173.3	591.4	173.3	67.8	579.6	169.9	579.6	169.9	70.4	559.2	163.9	559.2	163.9	74.8																				
	8094	66.2	19	720.7	211.2	583.9	171.1	55	689.9	202.2	571.2	167.4	62	658.8	193.1	586.6	163.7	69	645.3	189.1	553.1	162.1	71.4	620.4	181.9	543.2	159.2	75.3																				
	0.03	72	22.2	787.5	230.8	467.5	137	56.4	754.8	221.2	455.8	133.6	63.2	721.6	211.5	444	130.1	69.8	709.8	208	439.9	128.9	71.9	--	--	--	--	--																				
	23000	62	16.7	687.8	201.6	687.8	201.6	54.2	654.7	191.9	654.7	191.9	61.3	621.6	182.2	621.6	182.2	68.4	609.9	178.8	609.9	178.8	70.9	589.5	172.8	589.5	172.8	75.1																				
52065G	10855	66.2	19	757.3	222	693.2	203.2	55.8	717.1	210.2	677.9	198.7	62.6	678.7	198.9	663.4	194.4	69.3	665.4	196	658.4	193	71.6	642.6	188.3	642.6	188.3	75.4																				
	0.04	72	22.2	830.1	243.3	543.7	159.4	57.2	794.6	232.9	531.8	155.9	63.8	759.4	222.6	520	152.4	70	746.8	218.9	515.8	151.2	72	--	--	--	--	--																				
	26950	62	16.7	703.5	206.2	703.5	206.2	54.6	670.3	196.5	670.3	196.5	61.6	637.1	186.7	637.1	186.7	68.7	625.2	183.3	625.2	183.3	71.1	604.6	177.2	604.6	177.2	75.2																				
	12719	66.2	19	767	224.8	762.1	223.4	56	728.4	213.5	728.4	213.5	62.8	691.3	202.6	691.3	202.6	69.5	678.4	198.8	678.4	198.8	71.7	--	--	--	--	--																				
	0.05	72	22.2	849.8	249.1	593.1	173.8	57.6	813.2	238.3	581.1	170.3	64	776.6	227.6	569.3	166.9	70.1	763.3	223.7	565	165.6	72	--	--	--	--	--																				
	17150	62	16.7	735.6	215.6	700.1	205.2	62.5	699	204.9	683.3	203.3	70.7	663.9	194.6	663.9	194.6	78.9	651.9	191.1	651.9	191.1	81.8	--	--	--	--	--																				
	8094	66.2	19	801.5	234.9	622.3	182.4	64.2	769.3	225.5	608.6	178.4	72.4	737.5	216.2	595.2	174.5	80.3	726.3	212.9	590.6	173.1	82.9	--	--	--	--	--																				
	0.01	72	22.2	875.4	256.6	503.2	147.5	65.8	841.3	246.6	490.3	143.7	73.7	807.2	236.6	477.7	140	81	795	233	473.2	138.7	83.3	--	--	--	--	--																				
	23000	62	16.7	765.9	224.5	765.9	224.5	63.3	731	214.3	731	214.3	71.5	697.1	204.3	697.1	204.3	79.6	685.2	200.8	685.2	200.8	82.3	--	--	--	--	--																				
	10855	66.2	19	843.3	247.2	735.3	215.5	65.2	801.1	234.8	718.5	210.6	73.1	761.4	223.2	703.1	206.1	80.6	747.5	219.1	697.7	204.5	83.1	--	--	--	--	--																				
	0.02	72	22.2	923	270.5	581.4	170.4	66.7	885.5	259.5	568.4	166.6	74.3	849.1	248.9	555.9	162.9	81.1	835.9	245	551.3	161.6	83.2	--	--	--	--	--																				
52070G	26950	62	16.7	783.2	229.5	783.2	229.5	63.8	748.2	219.3	748.2	219.3	72	714.2	209.3	714.2	209.3	79.9	702.2	205.6	702.2	205.6	82.6	--	--	--	--	--																				
	12719	66.2	19	853.9	250.3	806.2	236.3	65.4	813.1	238.3	790.8	231.8	73.3	774.8	227.1	774.8	227.1	80.7	761.5	223.2	761.5	223.2	83.2	--	--	--	--	--																				
	0.02	72	22.2	944.8	276.9	632.3	185.3	67	906.2	265.6	619.4	181.5	74.5	868.4	254.5	606.8	177.9	81.1	854.4	250.4	602.2	176.5	83.1	--	--	--	--	--																				
	19294	62	16.7	790.9	231.8	764.6	224.1	62.4	752	220.4	746.9	218.9	70.6	713	209	713	209	79.5	699.1	204.9	699.1	204.9	82.7	675	197.9	675	197.9	88.3																				
	9106	66.2	19	854	250.3	674.9	197.8	63.7	821.3	240.7	661.2	193.8	72.2	787.2	230.7	647.2	189.7	80.9	774.8	227.1	642	188.2	84	752.8	220.6	633.1	185.6	89.3																				
	0.03	72	22.2	934.9	274	543.9	159.4	65.3	899.8	263.7	531	155.6	73.6	863.9	253.2	518	151.8	82	830.8	249.4	513.3	150.5	85	826.8	242.3	504.8	148	89.7																				
	25600	62	16.7	819.3	240.1	819.3	240.1	63	782.7	229.4	782.7	229.4	71.3	745.7	218.6																																	



CAPACITY RATINGS

Model PACSC	AFR cm ls	EWB	Condenser Entering Air Temperature																													
			95°F(35°C)						105°F(40.6°C)						114.8°F(46°C)						118.4°F(48°C)						125°F(51.7°C)					
			Total Capacity		Sensible Capacity		PI	Total Capacity		Sensible Capacity		PI	Total Capacity		Sensible Capacity		PI	Total Capacity		Sensible Capacity		PI	Total Capacity		Sensible Capacity		PI					
(BPF)	°F	°C	MBh	kW	MBh	kW	kW	MBh	kW	MBh	kW	kW	MBh	kW	MBh	kW	kW	MBh	kW	MBh	kW	kW	MBh	kW	MBh	kW	kW					
51004C																																
1375	62	16.7	43.3	12.7	39.2	11.5	3.8	41.1	12	38.3	11.2	4.4	39	11.4	37.4	11	4.9	38.3	11.2	37.1	10.9	5.1	--	--	--	--	--	--				
649	67	19.4	47	13.8	32.4	9.5	3.9	45.3	13.3	31.8	9.3	4.5	43.5	12.8	31.1	9.1	5.1	42.9	12.6	30.9	9	5.3	--	--	--	--	--	--				
0.18	72	22.2	50.8	14.9	25.5	7.5	4	48.9	14.3	24.9	7.3	4.6	47	13.8	24.2	7.1	5.2	46.3	13.6	24	7	5.4	--	--	--	--	--	--				
1670	62	16.7	43.9	12.9	43.1	12.6	3.8	41.8	12.3	41.8	12.3	4.4	39.8	11.7	39.8	11.7	5	39.1	11.5	39.1	11.5	5.2	--	--	--	--	--	--				
788	67	19.4	48.6	14.2	35.5	10.4	3.9	46.7	13.7	34.9	10.2	4.5	44.9	13.2	34.2	10	5.1	44.2	13	34	10	5.3	--	--	--	--	--	--				
0.2	72	22.2	52.3	15.3	27.5	8.1	4.1	50.3	14.7	26.8	7.9	4.7	48.3	14.1	26.2	7.7	5.2	--	--	--	--	--	--	--	--	--	--	--				
2521	62	16.7	45.6	13.4	45.6	13.4	3.9	43.6	12.8	43.6	12.8	4.4	41.6	12.2	41.6	12.2	5	40.9	12	40.9	12	5.2	--	--	--	--	--	--				
1190	67	19.4	51.3	15	43.7	12.8	4	48.9	14.3	42.8	12.6	4.6	46.5	13.6	42	12.3	5.2	45.7	13.4	41.7	12.2	5.3	--	--	--	--	--	--				
0.26	72	22.2	55	16.1	32.5	9.5	4.2	52.8	15.5	31.8	9.3	4.8	50.5	14.8	31.2	9.1	5.3	--	--	--	--	--	--	--	--	--	--	--				
1605	62	16.7	49.2	14.4	44.5	13	4	46.8	13.7	43.5	12.8	4.6	43.5	12.7	42.2	12.4	5.4	42.3	12.4	41.7	12.2	5.6	40.3	11.8	40.3	11.8	6.1					
757	67	19.4	54.2	15.9	37.1	10.9	4.1	51.9	15.2	36.2	10.6	4.8	49.4	14.5	35.3	10.3	5.5	48.5	14.2	35	10.2	5.8	46.8	13.7	34.3	10.1	6.2					
0.2	72	22.2	59.6	17.5	29.6	8.7	4.2	57	16.7	28.7	8.4	4.9	54.4	15.9	27.8	8.2	5.6	53.4	15.7	27.5	8.1	5.9	51.6	15.1	26.9	7.9	6.3					
2000	62	16.7	51	14.9	50	14.7	4	47.8	14	47.8	14	4.7	44.7	13.1	44.7	13.1	5.4	43.6	12.8	43.6	12.8	5.7	41.7	12.2	41.7	12.2	6.1					
944	67	19.4	56.7	16.6	41.3	12.1	4.1	54.1	15.9	40.4	11.8	4.8	51.5	15.1	39.4	11.6	5.6	50.6	14.8	39.1	11.5	5.8	48.9	14.3	38.5	11.3	6.3					
0.22	72	22.2	62.2	18.2	32.3	9.5	4.2	59.5	17.4	31.4	9.2	4.9	56.6	16.6	30.5	8.9	5.7	55.5	16.3	30.2	8.8	6	--	--	--	--	--	--				
2521	62	16.7	52	15.2	52	15.2	4	48.9	14.3	48.9	14.3	4.7	45.9	13.5	45.9	13.5	5.4	44.9	13.2	44.9	13.2	5.7	43	12.6	43	12.6	6.2					
1190	67	19.4	58.9	17.3	46.3	13.6	4.2	56.3	16.5	45.4	13.3	4.9	53.5	15.7	44.4	13	5.6	52.5	15.4	44.1	12.9	5.9	50.7	14.9	43.4	12.7	6.3					
0.26	72	22.2	64.5	18.9	35.5	10.4	4.3	61.6	18	34.6	10.1	5	58.5	17.2	33.6	9.9	5.7	57.4	16.8	33.3	9.8	6	--	--	--	--	--	--				
1930	62	16.7	60.5	17.7	54.9	16.1	4.9	56.7	16.6	53.3	15.6	5.7	52.9	15.5	51.7	15.2	6.4	51.6	15.1	51.2	15	6.7	49.3	14.5	49.3	14.5	7.2					
911	67	19.4	66.1	19.4	45.5	13.3	5.1	62.9	18.4	44.3	13	5.8	59.6	17.5	43.1	12.6	6.6	58.4	17.1	42.6	12.5	6.9	56.3	16.5	41.8	12.3	7.3					
0.18	72	22.2	71.7	21	35.9	10.5	5.2	68.1	20	34.7	10.2	6	64.5	18.9	33.5	9.8	6.7	63.2	18.5	33.1	9.7	7	--	--	--	--	--	--				
2400	62	16.7	61.6	18	61.2	17.9	4.9	57.9	17	57.9	17	5.7	54.3	15.9	54.3	15.9	6.5	53	15.5	53	15.5	6.7	50.8	14.9	50.8	14.9	7.2					
1133	67	19.4	68.6	20.1	50.5	14.8	5.1	65.2	19.1	49.3	14.5	5.9	61.8	18.1	48.1	14.1	6.7	60.5	17.7	47.6	14	6.9	57.7	16.9	46.6	13.7	7.3					
0.2	72	22.2	74.2	21.7	39.1	11.5	5.3	70.4	20.6	37.9	11.1	6.1	66.7	19.5	36.7	10.7	6.8	65.3	19.1	36.2	10.6	7	--	--	--	--	--	--				
3538	62	16.7	63.9	18.7	63.9	18.7	5	60.3	17.7	60.3	17.7	5.8	56.7	16.6	56.7	16.6	6.5	55.5	16.3	55.5	16.3	6.8	53.2	15.6	53.2	15.6	7.2					
1670	67	19.4	72.5	21.2	61.4	18	5.2	68.1	20	59.9	17.6	6	63.6	18.6	58.4	17.1	6.7	62.1	18.2	57.8	17	7	--	--	--	--	--	--				
0.26	72	22.2	78	22.9	45.9	13.4	5.4	73.9	21.7	44.6	13.1	6.2	69.7	20.4	43.4	12.7	6.9	68.3	20	42.9	12.6	7.1	--	--	--	--	--	--				
2252	62	16.7	73.2	21.4	64.2	18.8	5.4	69.7	20.4	62.7	18.4	6.3	65.6	19.2	61	17.9	7.2	63.7	18.7	60.2	17.7	7.5	60.4	17.7	58.9	17.3	8.1					
1063	67	19.4	79.3	23.2	53.3	15.6	5.5	75.8	22.2	52	15.2	6.4	71.9	21.1	50.5	14.8	7.3	70.4	20.6	50	14.6	7.6	67.9	19.9	49	14.4	8.2					
0.2	72	22.2	86	25.2	42.4	12.4	5.6	82.3	24.1	41.1	12	6.5	78.1	22.9	39.7	11.6	7.4	76.6	22.5	39.2	11.5	7.7	73.9	21.7	38.2	11.2	8.3					
2880	62	16.7	76.1	22.3	72.9	21.4	5.5	71.9	21.1	71.2	20.9	6.3	66.9	19.6	66.9	19.6	7.2	65.1	19.1	65.1	19.1	7.6	62.1	18.2	62.1	18.2	8.2					
1359	67	19.4	82.7	24.3	59.7	17.5	5.6	79	23.2	58.4	17.1	6.4	74.9	22	56.9	16.7	7.3	73.4	21.5	56.4	16.5	7.7	70.8	20.7	55.4	16.2	8.3					
0.23	72	22.2	89.6	26.3	46.5	13.6	5.6	85.6	25.1	45.1	13.2	6.5	81.1	23.8	43.7	12.8	7.4	79.5	23.3	43.2	12.7	7.8	76.6	22.4	42.2	12.4	8.3					
3538	62	16.7	77.5	22.7	77.5	22.7	5.5	73	21.4	73	21.4	6.3	68.1	20	68.1	20	7.2	66.4	19.5	66.4	19.5	7.6	63.5	18.6	63.5	18.6	8.2					
1670	67	19.4	85.2	25	65.9	19.3	5.6	81.3	23.8	64.5	18.9	6.5	77.1	22.6	63.1	18.5	7.4	75.6	22.1	62.5	18.3	7.7	72.8	21.3	61.6	18	8.3					
0.26	72	22.2	92.2	27	50.3	14.8	5.7	87.9	25.8	49	14.4	6.5	83.2	24.4	47.5	13.9	7.5	81.5	23.9	47	13.8	7.8	78.4	23	46	13.5	8.3					
2917	62	16.7	98.1	28.8	85.8	25.2	7.7	93.5	27.4	83.8	24.6	9.1	87.5	25.8	81.3	23.8	10.5	85.1	24.9	80.3	23.5	11.1	81	23.7	78.6	23	12					
1377	67	19.4	108.2	31.7	72	21.1	7.9	103.6	30.4	70.2	20.6	9.3	96.7	28.9	68.4	20	10.8	96.8	28.4	67.7	19.8	11.3	93.6	27.4	66.4	19.5	12.3					
0.18	72	22.2	119	34.9	58	17	8.1	114	33.4	56.3	16.5	9.5	108.8	31.9	54.5	16	11	106.9	31.3	53.8	15.8	11.6	103.3	30.3	52.6	15.4	12.5					
4000	62	16.7	103.3	30.3	101.2	29.7	7.8	97.1	28.5	97.1	28.5	9.1	90.9	26.6	90.9	26.6	10.6	88.7	26	88.7	26	11.1	84.9	24.9	84.9	24.9	12.1					
1888	67	19.4	115.5	33.9	83.9	24.6	8.1	110.5	32.4	82	24	9.4	105.2	30.8	80.1	23.5	10.9	103.3	30.3	79.4	23.3	11.5	99.7	29.2	78.2	22.9	12.4					
0.22	72	22.2	126.8	37.2	65.7	19.3	8.3	121.3	35.5	63.9	18.7	9.7	115.4	33.8	62	18.2	11.2	113.3	33.2	61.3	18	11.7	109.4	32.1	60.1	17.6	12.6					
5347	62	16.7	106.2	31.1	106.2	31.1	7.9	100.3	29.4	100.3	29.4	9.2	94.4	27.7	94.4	27.7	10.7	92.2	27	92.2	27	11.2	88.5	25.9	88.5	25.9	12.2					
2324	67	19.4	121.3	35.6	97	28.4	8.2	115.9	34	96.1	27.9	9.8	110.3	32.3	93.1	27.3	11.1	108.2	31.7	92.4	27.1	11.6	103.5	30.3	90.8	26.6	12.5					
0.26	72	22.2	132.7	38.9	74	21.7	8.4	126.7	37.1	72.1	21.1	9.8	120.5	35.3	70.1	20.6	11.3	118.1	34.6	69.4	20.4	11.8	114	33.4	68.2	20	12.7					
3750	62	16.7	121	35.5	108.1	31.7	9.6	114	33.4	105.2	30.6	11	106.4	31.2	102	28.9	12.6	103.7	30.4	100.8	29.6	13.2	99	29	98.9	29	14.1					
1770	67	19.4	131.9	38.7	88.8	26.3	9.8	125.6	36.8	87.4	25.5	11.3	119.2	34.9	85	24.9	12.9	116.8	34.1	84.1	24.6	13.5	112.5	33	82.5	24.2	14.4					
0.18	72	22.2	143.1	42	71.2	20.9	10.1	136.3	40	68.8	20.2																					

CAPACITY RATINGS

Model	PACSC	AFR cfm /s	EWB		Condenser Entering Air Temperature																													
					95°F (35°C)						105°F (40.6°C)						114.8°F (46°C)						118.4°F (48°C)						125°F (51.7°C)					
					Total Capacity		Sensible Capacity		PI	Total Capacity		Sensible Capacity		PI	Total Capacity		Sensible Capacity		PI	Total Capacity		Sensible Capacity		PI	Total Capacity		Sensible Capacity		PI					
(BPF)	°F	°C	MBh	kW	MBh	kW	kW	MBh	kW	MBh	kW	kW	MBh	kW	MBh	kW	kW	MBh	kW	MBh	kW	kW	MBh	kW	MBh	kW	kW							
52019C	5445	62	16.7	191	56	169.6	49.7	15.3	179.8	52.7	164.8	48.3	17.5	167.8	49.2	159.6	46.8	19.8	163.6	48	157.9	46.3	20.6	166.3	45.8	154.8	45.4	22						
	2570	67	19.4	207.6	60.8	141	41.3	15.7	197.6	57.9	137.1	40.2	18	187.4	54.9	133.2	39	20.3	183.8	53.9	131.8	38.6	21.1	--	--	--	--	--						
	0.11	72	22.2	224.7	65.9	111.9	32.8	16.1	213.9	62.7	108.1	31.7	18.5	203	59.5	104.4	30.6	20.8	199.3	58.4	103.1	30.2	21.6	--	--	--	--	--						
	7000	62	16.7	196.4	57.6	193.5	56.7	15.4	184.7	54.1	184.7	54.1	17.7	173.3	50.8	173.3	50.8	20	169.3	49.6	169.3	49.6	20.8	162.3	47.6	162.3	47.6	22.1						
	3304	67	19.4	218.3	64	160	46.9	16	207.5	60.8	155.9	45.7	18.3	196.8	57.7	152	44.5	20.6	192.9	56.5	150.6	44.1	21.4	--	--	--	--	--						
	0.13	72	22.2	235.6	69	123.9	36.3	16.4	223.9	65.6	120	35.2	18.8	212.6	62.3	116.4	34.1	21.1	208.7	61.2	115.1	33.7	21.8	--	--	--	--	--						
	8556	62	16.7	200.5	58.8	200.5	58.8	15.5	189.1	55.4	189.1	55.4	17.8	177.8	52.1	177.8	52.1	20.1	173.9	51	173.9	51	20.9	166.8	48.9	166.8	48.9	22.2						
	4038	67	19.4	225.5	66.1	177.3	52	16.2	214.2	62.8	173.2	50.8	18.5	200.7	58.8	168.4	49.4	20.7	196	57.4	166.8	48.9	21.5	--	--	--	--	--						
	0.14	72	22.2	242.7	71.1	134.8	39.5	16.6	230.6	67.6	130.9	38.4	19	219.1	64.2	127.2	37.3	21.3	215	63	126	36.9	22	--	--	--	--	--						
	5850	62	16.7	201.8	59.2	182.5	53.5	14.3	190.2	55.7	177.4	52	16.4	178.4	52.3	172.4	50.5	18.7	174.2	51.1	170.7	50	19.6	166.8	48.9	166.8	48.9	21						
	2761	67	19.4	222.6	65.2	152.5	44.7	14.7	212.4	62.3	148.6	43.5	16.9	201.7	59.1	144.4	42.3	19.3	197.7	57.9	142.9	41.9	20.1	190.7	55.9	140.3	41.1	21.5						
52020C	0.09	72	22.2	241	70.6	120.8	35.4	15	229.7	67.3	116.9	34.3	17.3	218.2	63.9	112.9	33.1	19.7	214.1	62.7	111.5	32.7	20.5	206.8	60.6	109	32	21.9						
	8000	62	16.7	209.8	61.5	209.8	61.5	14.5	198.7	58.2	198.7	58.2	16.6	187.3	54.9	187.3	54.9	18.9	183.1	53.7	183.1	53.7	19.8	175.7	51.5	175.7	51.5	21.2						
	3776	67	19.4	237.1	69.5	179.4	52.6	15	225.2	66	175	51.3	17.2	211	61.8	169.8	49.8	19.5	205.9	60.4	168	49.2	20.3	197.3	57.8	164.9	57.8	21.7						
	0.12	72	22.2	255.3	74.8	137.7	40.4	15.3	243.2	71.3	133.8	39.2	17.6	230.9	67.7	129.8	38	20	226.5	66.4	128.4	37.6	20.8	218.8	54.1	125.9	54.1	22.2						
	10725	62	16.7	218	63.9	218	63.9	14.6	206.7	60.6	206.7	60.6	16.8	195	57.2	195	57.2	19.1	190.8	55.9	190.8	55.9	19.9	183.2	53.7	183.2	53.7	21.4						
	5962	67	19.4	244.1	71.5	208.5	61.1	15.1	230.4	67.6	203.7	59.7	17.3	216.7	63.5	199	58.3	19.6	211.9	62.1	197.3	57.8	20.4	203.6	59.7	194.5	57	21.8						
	0.14	72	22.2	265.8	77.9	156.7	45.9	15.5	253	74.2	152.7	44.8	17.8	240.3	70.4	148.8	43.6	20.2	236.8	69.1	147.4	43.2	21.1	227.9	66.8	145	42.5	22.4						
	5850	62	16.7	221.8	66	191.3	56.1	16.6	209.7	61.5	185.9	54.5	19.1	194.8	57.1	179.4	52.6	21.7	189.6	55.6	177.2	51.9	22.7	180.9	53	173.5	50.8	24.3						
	2761	67	19.4	240.9	70.6	159.9	46.9	17	229.4	67.2	155.3	45.5	19.6	217.5	63.8	150.6	44.1	22.3	213.2	62.5	148.9	43.6	23.2	205.6	60.3	145.9	42.8	24.8						
	0.09	72	22.2	260.9	76.5	127.9	37.5	17.4	248.5	72.8	123.5	36.2	20	235.4	69	118.9	34.8	22.7	230.6	67.6	117.2	34.4	23.6	222.2	55.1	114.3	55.1	25.1						
	8000	62	16.7	231.1	67.7	225.4	66.1	16.8	217.3	63.7	217.3	63.7	19.3	203.7	59.7	203.7	59.7	21.9	198.9	58.3	198.9	58.3	22.9	190.6	55.9	190.6	55.9	24.5						
52024C	3776	67	19.4	257.4	75.4	187	54.8	17.3	244.8	71.7	182.2	53.4	19.9	231.7	67.9	177.3	52	22.6	226.4	66.4	175.4	51.4	23.5	216	63.3	171.6	63.3	25						
	0.12	72	22.2	277.5	81.3	145.1	42.5	17.8	263.3	77.2	140.4	41.1	20.4	248.7	72.9	135.6	39.7	22.9	243.4	71.3	133.9	39.2	23.8	--	--	--	--	--						
	10725	62	16.7	238.9	70	238.9	70	16.9	225.6	66.1	225.6	66.1	19.5	212.2	62.2	212.2	62.2	22.1	207.4	60.8	207.4	60.8	23.1	199	58.3	199	58.3	24.7						
	5962	67	19.4	270	79.1	217.7	63.8	17.6	253.8	74.4	211.9	62.1	20.1	237.2	69.5	206.1	60.4	22.7	231.3	67.8	204.1	59.8	23.6	221.4	64.9	200.6	64.9	25						
	0.14	72	22.2	289.7	84.9	164.3	48.2	18	274.1	80.3	159.3	46.7	20.6	258	75.6	154.3	45.2	23.1	252.1	73.9	152.5	44.7	24	--	--	--	--	--						
	6500	62	16.7	243.9	71.5	211.4	62	18.3	230	67.4	205.3	60.2	21	213.9	62.7	198.2	58.1	23.9	208.1	61	195.8	57.4	25	198	58	191.5	58.1	26.9						
	3068	67	19.4	266.5	78.1	177.2	51.9	18.7	253.6	74.3	172	50.4	21.5	240.3	70.4	166.7	48.9	24.5	235.3	69	164.8	48.3	25.5	226.2	66.3	161.3	47.3	27.3						
	0.09	72	22.2	290.2	85.1	142.2	41.7	19.2	276.3	81	137.3	40.2	22	261.9	76.8	132.2	38.7	24.9	256.5	75.2	130.3	38.2	25.9	246.7	72.3	126.9	72.3	27.5						
	9100	62	16.7	255.3	74.8	252.8	74.1	18.5	239.9	70.3	239.9	70.3	21.2	224.9	65.9	224.9	65.9	24.2	219.5	64.3	219.5	64.3	25.2	209.6	61.4	209.6	61.4	27						
	4295	67	19.4	287.4	84.2	210.4	61.7	19.1	273.1	80	205	60.1	21.9	258.3	75.7	199.5	58.5	24.8	251.8	73.8	197.1	57.8	25.8	239.4	70.2	192.6	56.4	27.5						
	0.12	72	22.2	311.7	91.4	163.5	47.9	19.7	296.1	86.8	158.3	46.4	22.4	280.2	82.1	153.2	44.9	25.2	274.5	80.5	151.3	44.3	26.2	264.1	77.4	147.9	43.3	27.8						
52025C	11917	62	16.7	264	77.4	264	77.4	18.7	249	73	249	73	21.4	233.9	68.6	233.9	68.6	24.3	228.4	66.9	228.4	66.9	25.4	218.4	64	218.4	64	27.2						
	5624	67	19.4	301.3	88.3	242.3	71	19.4	283.3	83	236	82.2	22.1	264.4	77.5	229.3	67.2	24.9	257.7	75.5	227	66.5	25.9	245.9	72.1	222.8	65.3	27.5						
	0.14	72	22.2	325.5	95.4	183.7	53.9	20	309	90.6	178.4	52.3	22.7	292.1	85.6	173.2	50.8	25.4	286	83.8	171.2	50.2	26.3	275	80.6	167.8	49.2	27.9						
	7581	62	16.7	276.9	81.2	241	70.6	22.7	282.6	77	234.7	68.8	26	244.6	71.7	226.9	66.5	29.4	238	69.7	224.1	65.7	30.6	226.7	66.4	219.3	64.3	32.7						
	3578	67	19.4	300.7	88.1	201	58.9	23.2	286.2	83.9	195.2	57.2	26.6	271.1	79.5	189.3	55.5	30	265.6	78.8	187.2	54.9	31.2	255.9	75	183.5	53.8	33.2						
	0.11	72	22.2	326.1	95.6	160.5	47	23.8	310.4	91	154.9	45.4	27.2	294.3	86.3	149.3	43.8	30.6	288.4	84.5	147.3	43.2	31.7	278.2	81.5	143.8	42.1	33.5						
	10500	62	16.7	286.6	84	286.3	83.9	22.9	271.8	79.7	271.8	79.7	26.2	254.4	76.4	254.4	74.6	29.6	248.2	72.8	248.2	72.8	30.9	237.5	69.6	237.5	69.6	32.9						
	4955	67	19.4	321.2	94.1	236.3	69.3	23.7	305.2	89.5	230.3	67.5	27.1	288.8	84.7	224.3	65.8	30.5	283	82.9	222.2	65.1	31.6	271.2	79.5	217.9	63.9	33.4						
	0.13	72	22.2	347.3	101.8	183	53.6	24.4	329.7	96.6	177.3	5																						



CAPACITY RATINGS

Model	PACSC	AFR cm ls	EWB	Condenser Entering Air Temperature																													
				95°F (35°C)						105°F (40.6°C)						114.8°F (46°C)						118.4°F (48°C)						125°F (51.7°C)					
				Total Capacity		Sensible Capacity		PI	Total Capacity		Sensible Capacity		PI	Total Capacity		Sensible Capacity		PI	Total Capacity		Sensible Capacity		PI	Total Capacity		Sensible Capacity		PI					
				MBh	kW	MBh	kW		MBh	kW		MBh	kW		MBh	kW		MBh	kW		MBh	kW		MBh	kW		MBh	kW					
13125	62	16.7	516.9	151.5	452.2	132.5	42.4	485.6	142.3	438.2	128.4	48.6	451.5	132.3	423.2	124	54.9	439.5	128.8	418	122.5	57.1	418.5	122.7	409	119.9	60.9						
6194	67	19.4	563.2	165.1	378.3	110.9	43.5	535.1	156.8	366.9	107.5	49.9	506.4	148.4	355.4	104.2	56.2	496	145.4	351.3	103	58.3	477.1	139.8	343.9	100.8	61.9						
0.03	72	22.2	611.3	179.2	302.6	88.7	44.7	581	170.3	291.7	85.5	51.1	550	161.2	280.8	82.3	57.1	538.9	158	276.9	81.1	59.2											
18750	62	16.7	539.5	158.1	539.5	158.1	42.9	506.7	148.5	506.7	148.5	49.1	474.9	139.2	474.9	139.2	55.5	463.4	135.8	463.4	135.8	57.6	443.1	129.9	443.1	129.9	61.3						
8849	67	19.4	606.1	177.6	458.2	134.3	44.6	574.9	168.5	446.5	130.9	50.9	541.5	158.7	434	127.2	57	527.3	154.6	428.8	125.7	58.9											
0.04	72	22.2	654.8	191.9	353.2	103.5	46	621.1	182	341.9	100.2	52.1	587.9	172.3	331	97	57.9	576.2	168.9	327.2	95.9	59.8											
20625	62	16.7	545.6	159.9	545.6	159.9	43.1	513.1	150.4	513.1	150.4	49.3	481.2	141	481.2	141	55.6	469.8	137.7	469.8	137.7	57.8	449.4	131.7	449.4	131.7	61.4						
9734	67	19.4	616.1	180.6	483.4	141.7	44.9	584.1	171.2	471.6	138.2	51.2	545.3	159.8	457.4	134.1	57	531.4	155.8	452.5	132.6	59											
0.05	72	22.2	664.7	194.8	369	108.2	46.3	630.4	184.8	357.8	104.9	52.4	596.7	174.9	346.9	101.7	58	584.5	171.3	343	100.5	59.9											
15950	62	16.7	561.7	164.6	504.7	147.9	47.4	524.9	153.8	488.4	143.2	54.1	489.7	143.5	473.2	138.7	60.9	477.5	140	467.9	137.1	63.2	455.9	133.6	455.9	133.6	67.2						
7103	67	19.4	615.3	180.4	421.4	123.5	48.9	584	171.2	408.9	119.8	55.8	552.7	162	396.5	116.2	62.5	541.6	158.7	392.2	115	64.7											
0.03	72	22.2	665.8	195.1	334.3	98	50.4	631.6	185.1	322.2	94.4	57.2	598.2	175.3	310.6	91	63.5	586.5	171.9	306.5	89.8	65.5											
21000	62	16.7	582.8	170.8	582.8	170.8	48	548.2	160.7	548.2	160.7	54.8	514.4	150.8	514.4	150.8	61.5	502.4	147.3	502.4	147.3	63.8											
9911	67	19.4	656.5	192.4	505.1	148.1	50.1	621.5	182.2	492	144.2	56.9	579.8	169.9	476.7	139.7	63.1	565.6	165.8	471.5	138.2	65.2											
0.04	72	22.2	706.4	207.1	386.8	113.4	51.7	669.7	196.3	374.6	109.8	58.2	634.2	185.9	363	106.4	64.1	621.9	182.3	359	105.2	66											
23650	62	16.7	591.5	173.4	591.5	173.4	48.2	557	163.2	557	163.2	55	522.9	153.3	522.9	153.3	61.8	511	149.8	511	149.8	64											
11162	67	19.4	669	196.1	540.5	158.4	50.5	626.5	183.6	524.9	153.9	57.1	585.7	171.7	510.4	149.6	63.2	571.9	167.6	505.5	148.2	65.3											
0.05	72	22.2	718.9	210.7	409	119.9	52.1	681.2	199.7	396.8	116.3	58.5	644.9	189	385.1	112.9	64.3	632.6	185.4	381.2	111.7	66.1											
17150	62	16.7	661.7	193.9	584.7	171.4	53	621	182	566.6	166.1	60.6	580.6	170.2	548.9	160.9	68.6	566.3	166	542.8	159.1	71.4	541.5	158.7	532.1	156	76.3						
8094	67	19.4	720.2	211.1	487.9	143	54.4	685.9	201	474.1	138.9	62.4	650.9	190.8	460.1	134.9	70.5	638.1	187	455.1	133.4	73.3	615.5	180.4	446.3	130.8	78						
0.03	72	22.2	780.1	228.6	388.6	113.9	56	742.9	217.7	375.4	110	64.1	705.1	206.7	362.1	106.1	72	691.6	202.7	357.4	104.7	74.7											
23000	62	16.7	682.2	200	682.2	200	53.5	643.2	188.5	643.2	188.5	61.2	604.8	177.3	604.8	177.3	69.3	591	173.2	591	173.2	72.1	566.7	166.1	566.7	166.1	76.9						
10855	67	19.4	784.2	224	571	167.4	55.6	727	213.1	566.9	163.2	63.6	687.5	201.5	542	158.9	71.5	670.5	196.5	536.7	157	74.1	641	187.9	524.9	153.9	78.6						
0.04	72	22.2	824.2	241.6	440.9	129.2	57.3	783.9	229.8	427.4	125.3	65.3	744.5	218.2	414.3	121.4	73	730.4	214.1	409.7	120.1	75.6											
26950	62	16.7	695.2	203.8	695.2	203.8	53.8	666.7	192.5	666.7	192.5	61.6	618.2	181.2	618.2	181.2	69.6	604.4	177.2	604.4	177.2	72.4	580	170	580	170	77.2						
12719	67	19.4	785.2	230.1	624.2	183	56.2	743.2	217.8	608.9	178.5	64.1	696.7	203.9	591.7	173.4	71.7	679.2	199.1	585.8	171.7	74.4	650.7	190.7	575.7	168.7	78.8						
0.05	72	22.2	844.7	247.6	474.4	139.1	57.9	803.4	235.5	461	131.1	65.9	762.6	223.5	447.8	131.2	73.5	748	219.2	443.1	129.9	76.1											
17150	62	16.7	713.5	209.1	608.3	178.3	61.6	678.4	198.8	592.3	173.6	70.8	638.4	187.1	574.3	168.3	80	622.1	182.3	567.1	166.2	83.2	592.2	173.6	554	162.4	88.7						
8094	67	19.4	773.4	226.7	509.7	149.4	63.4	737.4	216.1	494.9	145	72.7	700.7	205.4	480	140.7	82	687.4	201.5	474.7	139.1	85.2											
0.03	72	22.2	837.9	245.6	409.9	120.1	65.4	799.1	234.2	395.6	115.9	74.8	760.3	222.8	381.6	111.8	83.9	746.2	216.7	376.6	110.4	87.1											
23000	62	16.7	747.8	219.2	716.9	210.1	62.6	702.7	206	697.8	204.5	71.6	659.6	193.3	659.6	193.3	80.7	644.3	188.9	644.3	188.9	83.8	616.3	180.6	616.3	180.6	89.4						
10855	67	19.4	822.7	241.1	593.2	173.9	64.9	783.3	229.6	578.2	169.5	74.3	743.9	218	563.3	165.1	83.4	729.5	213.8	557.9	163.5	86.5											
0.04	72	22.2	889.2	260.6	463.3	135.8	67.1	846.5	248.1	448.6	131.5	76.5	804.8	235.9	434.4	127.3	85.5																
26950	62	16.7	758.9	222.4	758.9	222.4	62.9	715.2	209.6	715.2	209.6	72	673	197.3	673	197.3	81.1	657.9	192.8	657.9	192.8	84.3											
12719	67	19.4	846.3	248	647.2	189.7	65.7	805.2	236	631.7	185.2	75	764.5	224.1	616.7	180.7	84.1	747.8	219.2	610.6	179	87.1											
0.05	72	22.2	912.6	267.5	496.8	145.6	67.9	868.7	254.6	482.2	141.3	77.3	826.2	242.2	468.4	137.3	86.2																
19294	62	16.7	789.4	231.4	678.2	198.9	61.7	751.3	220.2	660.9	193.7	70.9	704.7	206.6	640.1	187.6	80.6	686.8	201.3	632.2	185.3	84.1	655	192	618.3	181.2	90.2						
9106	67	19.4	857.7	251.4	588.3	166.6	63.3	818.7	240	552.3	161.9	72.6	778.2	228.1	535.9	157.1	82.5	763.1	223.7	529.9	155.3	86	735.6	215.6	519	152.1	92.1						
0.03	72	22.2	930.6	272.8	456.6	133.8	65	888.2	260.3	441.1	129.3	74.5	844.8	247.6	425.5	124.7	84.3	828.5	242.8	419.8	123	87.7	799	234.2	409.4	120	93.7						
25600	62	16.7	824	241.5	794.7	232.9	82.5	775.8	227.4	774.2	226.9	71.5	728.8	213.6	728.8	213.6	81.2	711.9	208.6	711.9	208.6	84.7	681.6	199.8	681.6	199.8	90.8						
12082	67	19.4	911.2	267.1	638.7	193.1	64.5	868.4	254.5	642.4	188.3	74	824.5	241.7	625.9	183.4	83.7	808.4	237	619.8	181.7	87.2	778.6	228.2	608.6	178.4	93.1						
0.04	72	22.2	966	289	514.5	150.6	66.3	939	275.2	498.3	146.1	75.9	892.1	261.5	482.4	141.4	85.6	875.1	256.5	476.7	139.7	89.1											
30319	62	16.7	838.1	245.6	838.1	245.6	62.8	791.4	232	791.4	232	71.4	745.2	218.4	745.2	218.4	81.6	728.4	213.5	728.4	213.5	85.1	698.2	204.6	698.2	204.6	91.2						
14309	67	19.4	939.5	275.4	723.4	212	65.2	894.7	262.2	706.5	207.1	74.7	848.3	248.6	689.4	202.1	84.4	827.1	242.4	681.7	199.8	87.7	789.8	231.5	668.1	195.8	93.4						
0.05	72	22.2	1013.8	297.1	554.6	162.6	67	965.1	282.9	538.5	157.8	76.6	917.3	289.9	523	153.3	86.4	899.9	263.9	517.3	151.6	89.8											
22313	62	16.7	859.9	252	760.3	222.9	66.1	807.2	236.6	736.8	216	75.5	755.3	214.1	714.1	209.3	85.7	736.7	215.9	706.1	207	89.4	703.6	206.2	691.9	202.8	95.7						
10531	67	19.4	936.8	274.6	634																												

CAPACITY RATINGS - HIGH EFFICIENCY

Model	PACS	CG	AFR cfm lit	EWB	Condenser Entering Air Temperature																													
					95°F (35°C)						105°F (40.6°C)						114.8°F (46°C)						118.4°F (48°C)						125°F (51.7°C)					
					Total Capacity			Sensible Capacity			PI	Total Capacity			Sensible Capacity			PI	Total Capacity			Sensible Capacity			PI	Total Capacity			Sensible Capacity			PI		
					MWh	kW	kW	MWh	kW	kW		MWh	kW	kW	MWh	kW	kW		MWh	kW	kW	MWh	kW	kW		MWh	kW	kW	MWh	kW	kW			
(BPF)	°F	°C	MWh	kW	kW	MWh	kW	kW	MWh	kW	kW	MWh	kW	kW	MWh	kW	kW	MWh	kW	kW	MWh	kW	kW	MWh	kW	kW	MWh	kW	kW					
51004CG	1375	62	16.7	45.3	13.3	45.3	13.3	3.3	43.5	12.7	43.5	12.7	3.9	41.6	12.2	41.6	12.2	4.4	41	12	41	12	4.7	39.8	11.7	39.8	11.7	5						
	649	66.2	19	50.2	14.7	42.2	12.4	3.4	48.1	14.1	41.4	12.1	4	45.8	13.4	40.5	11.9	4.5	45	13.2	40.2	11.8	4.7	43.6	12.8	39.6	11.6	5.1						
	0.09	72	22.2	54.9	16.1	33.6	9.8	3.5	53	15.5	32.9	9.6	4.1	50.9	14.9	32.2	9.4	4.6	50.2	14.7	31.9	9.4	4.9	48.8	14.3	31.4	9.2	5.2						
	1670	62	16.7	46.8	13.7	46.8	13.7	3.4	45	13.2	45	13.2	3.9	43.1	12.6	43.1	12.6	4.5	42.5	12.4	42.5	12.4	4.7	41.2	12.1	41.2	12.1	5.1						
	788	66.2	19	51.2	15	46.9	13.7	3.5	49.1	14.4	46.1	13.5	4	47	13.8	45.3	13.3	4.6	46.2	13.5	45	13.2	4.8	44.8	13.1	44.5	13	5.1						
	0.11	72	22.2	57	16.7	37	10.8	3.6	54.9	16.1	36.3	10.6	4.1	52.7	15.4	35.6	10.4	4.7	51.9	15.2	35.3	10.4	4.9	50.4	14.8	34.8	10.2	5.3						
	2521	62	16.7	49.8	14.6	49.8	14.6	3.4	47.9	14	47.9	14	4	47.9	14	47.9	14	4.6	47.2	13.8	47.2	13.8	4.8	45.7	13.4	45.7	13.4	5.2						
	1190	66.2	19	53.8	15.8	53.8	15.8	3.5	51.6	15.1	51.6	15.1	4	49.5	14.5	49.5	14.5	4.6	48.6	14.3	48.6	14.3	4.8	47.2	13.8	47.2	13.8	5.2						
	0.14	72	22.2	60.4	17.7	46	13.5	3.6	57.8	16.9	45.2	13.2	4.2	55	16.1	44.3	13	4.8	54	15.8	44	12.9	5	52.2	15.3	43.4	12.7	5.4						
	1605	62	16.7	51.7	15.2	51.7	15.2	3.6	49.3	14.4	49.3	14.4	4.2	46.6	13.7	46.6	13.7	4.9	45.6	13.4	45.6	13.4	5.2	43.8	12.8	43.8	12.8	5.7						
51005CG	757	66.2	19	58.5	17.2	48.8	14.3	3.7	56.2	16.5	47.8	14	4.3	53.2	15.6	46.7	13.7	5.1	51.9	15.2	46.2	13.5	5.3	49.6	14.5	45.3	13.3	5.8						
	0.11	72	22.2	65.4	19.2	39.3	11.5	3.8	62.8	18.4	38.4	11.2	4.4	59.9	17.6	37.4	11	5.2	58.8	17.2	37	10.8	5.4	56.8	16.6	36.3	10.6	5.9						
	2000	62	16.7	54	15.8	54	15.8	3.7	51.6	15.1	51.6	15.1	4.3	48.9	14.3	48.9	14.3	5	47.8	14	47.8	14	5.3	46	13.5	46	13.5	5.8						
	944	66.2	19	61.5	18	55.4	16.2	3.8	58.1	17	54.2	15.9	4.4	54.7	16	52.9	15.5	5.1	53.5	15.7	52.4	15.4	5.3	51.3	15	51.3	15	5.8						
	0.12	72	22.2	68.7	20.1	43.9	12.9	3.8	65.8	19.3	43	12.6	4.5	62.7	18.4	42	12.3	5.2	61.5	18	41.6	12.2	5.5	59.4	17.4	40.9	12	6						
	2521	62	16.7	56.3	16.5	56.3	16.5	3.7	53.8	15.8	53.8	15.8	4.3	51	15	51	15	5	50	14.7	50	14.7	5.3	48.1	14.1	48.1	14.1	5.8						
	1190	66.2	19	62.9	18.4	62.9	18.4	3.8	59.8	17.5	59.8	17.5	4.4	56.5	16.6	56.5	16.6	5.1	55.3	16.2	55.3	16.2	5.4	53.2	15.6	53.2	15.6	5.9						
	0.14	72	22.2	71.6	21	49.5	14.5	3.9	68.6	20.1	48.6	14.2	4.5	65.2	19.1	47.5	13.9	5.3	63.9	18.7	47.1	13.8	5.5	61.5	18	46.3	13.6	6						
	1930	62	16.7	63.4	18.6	63.4	18.6	4.4	60.3	17.7	60.3	17.7	5.1	57	16.7	57	16.7	5.9	55.7	16.3	55.7	16.3	6.2	53.5	15.7	53.5	15.7	6.7						
	911	66.2	19	70.8	20.8	59.4	17.4	4.6	67.1	19.7	57.9	17	5.2	62.9	18.4	56.3	16.5	6	61.3	18	56.7	16.3	6.3	58.7	17.2	54.7	16	6.8						
51007CG	0.09	72	22.2	78	22.9	47.4	13.9	4.7	74.4	21.8	46.2	13.5	5.4	70.6	20.7	44.8	13.1	6.2	69.1	20.3	44.3	13	6.4	66.5	19.5	43.5	12.7	6.9						
	2400	62	16.7	66	19.3	66	19.3	4.5	62.8	18.4	62.8	18.4	5.2	59.4	17.4	58.4	17.4	5.9	58.1	17	58.1	17	6.2	55.8	16.4	55.8	16.4	6.7						
	1133	66.2	19	72.7	21.3	66.9	19.6	4.6	68.8	20.2	65.4	19.2	5.3	64.8	19	63.9	18.7	6	63.4	18.6	63.4	18.6	6.3	60.8	17.8	60.8	17.8	6.8						
	0.11	72	22.2	81.4	23.8	52.9	15.5	4.8	77.5	22.7	51.6	15.1	5.5	73.4	21.5	50.3	14.7	6.2	71.9	21.1	49.8	14.6	6.5	69.1	20.2	48.9	14.3	7						
	3538	62	16.7	70.2	20.6	70.2	20.6	4.6	66.8	19.6	66.8	19.6	5.2	66	19.4	66	19.4	6.1	64.5	18.9	64.5	18.9	6.3	61.8	18.1	61.8	18.1	6.8						
	1670	66.2	19	76.3	22.4	76.3	22.4	4.7	72.4	21.2	72.4	21.2	5.4	68.2	20	68.2	20	6.1	66.7	19.6	66.7	19.6	6.4	64	18.8	64	18.8	6.9						
	0.14	72	22.2	86.2	25.3	65	19	4.9	81.6	23.9	63.5	18.6	5.6	76.5	22.4	62	18.2	6.3	74.6	21.9	61.4	18	6.6	71.4	20.9	60.4	17.7	7						
	2252	62	16.7	75.9	22.2	75.9	22.2	5.3	72.1	21.1	72.1	21.1	6.1	67.7	19.8	67.7	19.8	7	66.1	19.4	66.1	19.4	7.3	63.3	18.5	63.3	18.5	8						
	1963	66.2	19	83.7	24.5	69.1	20.2	5.4	80.1	23.5	67.7	19.8	6.2	75.7	22.2	65.9	19.3	7.1	73.7	21.8	65.2	19.1	7.4	70.3	20.6	63.9	18.7	8						
	0.11	72	22.2	91.9	26.9	55.2	16.2	5.5	88	25.8	53.8	15.8	6.3	83.4	24.5	52.3	15.3	7.2	81.8	24	51.7	15.1	7.5	78.7	23.1	50.6	14.8	8.1						
51008CG	2880	62	16.7	78.8	23.1	78.8	23.1	5.3	75	22	75	22	6.1	70.7	20.7	70.7	20.7	7	69.1	20.3	69.1	20.3	7.4	66.3	19.4	66.3	19.4	8						
	1359	66.2	19	87.6	25.7	79.3	23.2	5.4	82.8	24.3	77.5	22.7	6.2	77.6	22.8	75.6	22.1	7.1	75.8	22.2	74.9	21.9	7.5	72.6	21.3	72.6	21.3	8.1						
	0.13	72	22.2	96.3	28.2	62.3	18.3	5.5	91.9	26.9	60.8	17.8	6.3	87	25.5	59.3	17.4	7.2	85.2	25	58.7	17.2	7.6	81.8	24	57.6	16.9	8.1						
	3538	62	16.7	81.2	23.8	81.2	23.8	5.4	77.4	22.7	77.4	22.7	6.1	73	21.4	73	21.4	7.1	71.4	20.9	71.4	20.9	7.4	68.5	20.1	68.5	20.1	8						
	1670	66.2	19	89.1	26.1	88.7	26	5.4	84.4	24.8	84.4	24.8	6.2	79.5	23.3	79.5	23.3	7.1	77.7	22.8	77.7	22.8	7.5	74.5	21.8	74.5	21.8	8.1						
	0.14	72	22.2	99.3	29.1	69.1	20.3	5.5	94.6	27.7	67.6	19.8	6.4	89.4	26.2	66	19.3	7.3	87.4	25.6	65.3	19.2	7.6	83.8	24.6	64.2	18.8	8.1						
	2917	62	16.7	101.1	29.6	101.1	29.6	7.5	95.9	28.1	95.9	28.1	8.8	90.6	26.5	90.6	26.5	10.2	88.6	26	88.6	26	10.8	85	24.9	85	24.9	11.8						
	0.17	66.2	19	114	33.4	92.6	27.1	7.7	109.2	32	90.6	26.5	9	103.7	30.4	88.5	25.9	10.5	101.1	29.6	87.4	25.6	11	96.5	28.3	85.6	25.1	12						
	0.1	72	22.2	127.3	37.3	75	22	7.9	122	35.8	73.1	21.4	9.3	116.3	34.1	71.1	20.8	10.7	114.1	33.5	70.3	20.6	11.3	110.2	32.3	69	20.2	12.2						
	4000	62	16.7	107.8	31.6	107.8	31.6	7.6	102.7	30.1	102.7	30.1	8.9	97.2	28.5	97.2	28.5	10.4	95.2	27.9	95.2	27.9	10.9	91.6	26.8	91.6	26.8	11.9						
52010CG	1988	66.2	19	121.7	35.7	110.9	32.5	7.8	115	33.7	108.4	31.8	9.1	108.3	31.7	105.9	31	10.6	105.9	31	105	30.8	11.1	101.7	29.8	101.7	29.8	12.1						
	0.12	72	22.2	136.9	40.1	88.1	25.8	8.1	130.9	38.4	86.1	25.2	9.4	124.5	36.5	84	24.6	10.9	122.1	36.8	83.2	24.4	11.5	117.7	34.5	81.8	24	12.4						
	5347	62	16.7	113.7	33.3	113.7	33.3	7.7	108.4	31.8	108.4	31.8	9	102.6	30.1	102.6	30.1	1																



CAPACITY RATINGS - HIGH EFFICIENCY

Model	PACSCG	AFR cfm Is	EWB		Condenser Entering Air Temperature																													
					95°F (35°C)						105°F (40.6°C)						114.8°F (46°C)						118.4°F (48°C)						125°F (51.7°C)					
					Total Capacity	Sensible Capacity	PI	Total Capacity	Sensible Capacity	PI	Total Capacity	Sensible Capacity	PI	Total Capacity	Sensible Capacity	PI	Total Capacity	Sensible Capacity	PI	Total Capacity	Sensible Capacity	PI	Total Capacity	Sensible Capacity	PI									
(BPF)	°F	°C	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW		
52019CG	5445	62	16.7	199.8	58.6	199.8	58.6	13.8	189.9	55.7	15.7	179.4	52.6	17.9	179.4	52.6	18	175.5	51.4	18.9	168.5	49.4	20.4	157.5	46.5	21.9	144.5	43.5	23.4	131.5	40.5	24.9	118.5	
	2570	66.2	19	221.5	64.9	178	52.2	14	211.9	62.1	17.1	199.2	58.4	18.9	199.2	58.4	18.4	194.2	56.9	19.2	185.6	54.4	20.7	176.6	52.4	21.9	163.6	49.4	23.4	150.6	46.4	24.9	137.6	
	0.08	72	22.2	243.5	71.4	143.1	42	14.4	232.8	68.2	13.3	221.3	64.9	13.3	221.3	64.9	13.3	217	63.6	13.3	39.2	19.2	209.5	61.4	13.1	209.5	61.4	13.1	209.5	61.4	13.1	209.5		
	7000	62	16.7	209	61.3	209	61.3	13.9	199.1	58.4	15.9	188.4	55.2	18.4	188.4	55.2	18.2	184.4	54	19.1	177.2	51.9	20.6	168.2	49.9	21.9	155.2	47.9	23.4	142.2	45.9	24.9	129.2	
	3304	66.2	19	230.8	67.7	204.3	59.5	14.2	218.4	64	16.2	205.7	60.3	18.4	205.7	60.3	18.5	201.1	58.9	19.3	193	56.6	19.4	193	56.6	19.4	193	56.6	19.4	193	56.6	19.4	193	
	0.1	72	22.2	256.2	75.1	162.1	47.5	14.5	244.7	71.7	15.8	232.7	68.2	17.1	232.7	68.2	17.1	228.2	66.9	17.9	220.2	64.6	19.1	220.2	64.6	19.1	220.2	64.6	19.1	220.2	64.6	19.1	220.2	
	8556	62	16.7	216.7	63.5	216.7	63.5	14	206.5	60.5	16	196.4	57.3	18.4	196.4	57.3	18.3	191	56	19.1	56	19.2	183.5	53.8	183.5	53.8	183.5	53.8	183.5	53.8	183.5	53.8	183.5	
	4038	66.2	19	236.3	69.3	228.9	67.1	14.3	224.4	65.8	16.3	212	62.2	18.4	212	62.2	18.6	207.4	60.8	19.5	199.2	58.4	20.6	189.2	56.4	21.9	176.2	54.4	23.4	163.2	52.4	24.9	150.2	
	0.11	72	22.2	265.4	77.8	179.8	52.7	14.7	253.2	74.2	17.5	240.5	70.5	19.1	240.5	70.5	19.3	235.9	68.1	19.9	226.5	66.4	21.1	226.5	66.4	21.1	226.5	66.4	21.1	226.5	66.4	21.1	226.5	
	5850	62	16.7	202.3	59.3	202.3	59.3	13.8	192.5	56.4	15.8	182	53.3	18.1	182	53.3	18.1	178.1	52.2	18.9	171	50.1	20.5	161.1	48.1	21.9	148.1	46.1	23.4	135.1	44.1	24.9	122.1	
	2761	66.2	19	225.2	66	185.4	54.3	14.1	214.1	62.8	16.9	200.8	58.8	18.4	200.8	58.8	18.4	196.9	57.4	19.3	187.5	55	20.6	178.5	53	21.9	165.5	51	23.4	152.5	49	24.9	139.5	
0.09	72	22.2	247.2	72.5	148.2	43.4	14.4	236.3	69.3	14.4	224.6	65.8	15.8	224.6	65.8	15.8	220.3	64.6	16.9	211.2	62.6	18.1	202.2	60.6	19.6	189.2	58.6	21.1	176.2	56.6	22.6	163.2		
52020CG	8000	62	16.7	214.1	62.8	214.1	62.8	13.9	204.1	59.8	16	193.1	56.6	18.3	193.1	56.6	18.3	189	55.4	19.1	181.4	53.2	20.6	172.4	51.2	21.9	159.4	49.2	23.4	146.4	47.2	24.9	133.4	
	3776	66.2	19	234.3	68.7	220.2	64.5	14.2	222.3	65.2	16.7	209.9	61.5	18.9	209.9	61.5	18.6	205.3	60.2	19.5	197.2	57.8	20.6	188.2	55.8	21.9	175.2	53.8	23.4	162.2	51.8	24.9	149.2	
	0.11	72	22.2	262.4	76.9	173.6	50.9	14.6	250.6	73.4	17.9	238.2	69.8	19.6	238.2	69.8	19.6	233.9	68.6	20.4	224.9	66.6	21.9	215.9	64.6	23.4	202.9	62.6	24.9	189.9	60.6	26.4	176.9	
	10725	62	16.7	224.7	65.8	224.7	65.8	14.1	213.7	62.6	16.1	214.4	62	18.1	214.4	62	18.2	206.7	60.6	19.5	198.3	58.1	20.6	189.3	56.1	21.9	176.3	54.1	23.4	163.3	52.1	24.9	150.3	
	5062	66.2	19	243.3	71.3	243.3	71.3	14.4	231.2	67.8	16.4	218.4	64	18.4	218.4	64	18.6	213.8	62.7	19.6	205.6	60.2	21.1	196.6	58.2	22.6	183.6	56.2	24.1	170.6	54.2	25.6	157.6	
	0.13	72	22.2	273.8	80.3	202.8	59.4	14.8	260.2	76.3	19.8	245.7	71.9	21.9	245.7	71.9	22.1	240.2	70.4	22.6	231.2	67.7	24.1	222.2	70.7	25.6	209.2	68.7	27.1	196.2	66.7	28.6	183.2	
	5850	62	16.7	226	66.3	221	64.8	15.9	213.8	62.7	18.3	201	58.9	20.1	201	58.9	20.4	196.4	57.6	21.9	188.2	55.2	23.4	175.2	53.2	24.9	162.2	51.2	26.4	149.2	49.2	27.9	136.2	
	2761	66.2	19	249.6	73.2	197	57.7	16.3	238.2	69.8	18.2	223.9	65.6	19.6	223.9	65.6	19.6	218.1	63.9	20.4	208.2	61.9	21.9	199.2	59.9	23.4	186.2	57.9	25.4	173.2	55.9	26.9	160.2	
	0.08	72	22.2	274.1	80.3	159	46.6	16.7	261.3	76.5	16.5	247.4	72.5	18.4	247.4	72.5	18.4	243.2	71	22.3	234.2	69.2	23.8	225.2	67.2	25.3	212.2	65.2	26.8	203.2	63.2	28.3	190.2	
	52024CG	8000	62	16.7	239	70	239	70	16.1	226.9	66.5	18.5	214.1	62.8	21.4	214.1	62.8	21.4	209.5	61.4	22.9	200.5	59.4	24.4	191.5	57.4	25.9	178.5	55.4	27.4	165.5	53.4	28.9	152.5
		3776	66.2	19	262.6	77	233.7	68.5	16.5	248	72.7	18.2	236.2	68.4	20.2	236.2	68.4	20.2	231.9	67.2	21.1	222.9	65.2	22.6	213.9	63.2	24.1	200.9	61.2	25.6	187.9	59.2	27.1	174.9
0.1		72	22.2	291.9	86.6	185.4	54.3	17	277.4	81.3	19.5	263.8	76.7	21.5	263.8	76.7	21.5	259.3	75	22.4	250.3	73	23.9	241.3	71	25.4	228.3	69	26.9	215.3	67.9	28.4	202.3	
10725		62	16.7	251.6	73.8	251.6	73.8	16.3	239.1	70.1	18.7	236.6	69	20.6	236.6	69	20.6	232.3	67.5	21.6	223.3	65.5	23.1	214.3	63.5	24.6	201.3	61.5	26.1	188.3	59.5	27.6	175.3	
5062		66.2	19	272.6	79.9	272.6	79.9	16.6	258.4	75.7	19.1	243.2	71.3	21.3	243.2	71.3	21.3	237.6	69.7	22.2	228.6	67.7	23.7	219.6	65.7	25.2	206.6	63.7	26.7	193.6	61.7	28.2	180.6	
0.12		72	22.2	306	89.7	216.1	63.3	17.2	289.5	84.9	21.8	270	79.1	24.6	270	79.1	24.6	265.1	77.1	25.6	256.1	75.1	27.1	247.1	73.1	28.6	234.1	71.1	30.1	221.1	69.1	31.6	208.1	
6500		62	16.7	242.9	71.2	240.6	70.5	18.2	228.9	67.1	20.8	215.2	63.1	23.8	215.2	63.1	23.8	210.1	61.6	24.9	201.1	59.6	26.4	192.1	57.6	27.9	179.1	55.6	29.4	166.1	53.6	30.9	153.1	
3068		66.2	19	269.7	79.1	214.8	62.9	18.6	256.6	75.2	19.4	243.9	70.6	21.3	243.9	70.6	21.3	239.4	68.7	22.4	230.4	66.7	23.9	221.4	64.7	25.4	217.4	62.7	26.9	204.4	60.7	28.4	191.4	
0.08		72	22.2	297.9	87.3	173.5	50.9	19.2	283.5	83.1	19.4	268.5	78.7	21.3	268.5	78.7	21.3	264.1	76.8	22.4	255.1	74.8	23.9	246.1	72.8	25.4	233.1	70.8	26.9	220.1	68.8	28.4	207.1	
9100		62	16.7	258.6	75.8	258.6	75.8	18.4	244.6	71.7	21.1	230.5	67.6	23.6	230.5	67.6	23.6	226.1	65.7	24.6	217.1	63.7	26.1	208.1	61.7	27.6	195.1	59.7	29.1	182.1	57.7	30.6	169.1	
52025CG		4295	66.2	19	286.2	83.9	258.8	75.9	18.9	269	78.8	20.4	252.4	74	22.4	252.4	74	22.4	248.4	72.2	23.4	239.4	70.2	24.9	230.4	68.2	26.4	217.4	66.2	27.9	204.4	64.2	29.4	191.4
	0.11	72	22.2	320.2	93.8	205.4	60.2	19.6	304.1	89.1	20.6	288.6	84.4	22.4	288.6	84.4	22.4	284.1	82.2	23.4	275.1	80.2	24.9	266.1	78.2	26.4	253.1	76.2	27.9	240.1	74.2	29.4	227.1	
	11917	62	16.7	271.3	79.5	271.3	79.5	18.6	256.9	75.3	21.3	241.7	70.8	24.7	241.7	70.8	24.7	237.2	68.7	25.7	228.2	66.7	27.2	219.2	64.7	28.7	206.2	62.7	30.2	193.2	60.7	31.7	180.2	
	5624	66.2	19	296.1	86.8	296.1	86.8	19.1	279.6	82	21.8	262.9	77.1	24.7	262.9	77.1	24.7	258.6	75.3	25.7	245.8	72	27.2	245.8	72	27.2	245.8	72	27.2	245.8	72	27.		

CAPACITY RATINGS - HIGH EFFICIENCY

Model	AFR cm Is	EWB	Condenser Entering Air Temperature																													
			95°F (35°C)						105°F (40.6°C)						114.8°F (46°C)						118.4°F (48°C)						125°F (51.7°C)					
			Total Capacity			Sensible Capacity			PI	Total Capacity			Sensible Capacity			PI	Total Capacity			Sensible Capacity			PI	Total Capacity			Sensible Capacity			PI		
			MBh	kW		MBh	kW	kW	MBh	kW	MBh	kW	kW	MBh	kW	MBh	kW	kW	MBh	kW	MBh	kW	kW	MBh	kW	MBh	kW	kW				
(BPF)	°F	°C	MBh	kW	MBh	kW	kW	MBh	kW	MBh	kW	kW	MBh	kW	MBh	kW	kW	MBh	kW	MBh	kW	kW	MBh	kW	MBh	kW	kW					
52052CG	13125	62	16.7	516.1	151.3	510.2	149.5	40.2	485.7	142.4	485.7	142.4	45.9	455.5	133.5	455.5	133.5	32.4	444.7	130.4	444.7	130.4	54.7	425.5	124.7	425.5	124.7	58.8				
	6194	66.2	19	565.8	165.8	452.8	132.7	41	538.9	157.9	441.6	129.4	47	510.5	149.6	430.1	126.1	53.5	498.8	146.5	427.7	124.8	55.8	474.9	139.2	415.8	121.9	59.6				
	0.03	72	22.2	623.6	182.8	365.4	107.1	42.2	594.2	174.2	354.7	104	48.3	563.4	165.1	343.8	100.8	54.6	551.9	161.8	339.7	99.6	56.8	531.5	155.8	332.6	97.5	60.4				
	18750	62	16.7	544.7	159.7	544.7	159.7	40.7	515.5	151.1	515.5	151.1	46.5	485.5	142.3	485.5	142.3	53	474.5	139.1	474.5	139.1	55.3	454.7	133.3	454.7	133.3	59.3				
	8849	66.2	19	607.3	178	560	164.1	41.9	569.6	167	545.7	160	47.7	533	156.2	531.9	155.9	54	520.1	152.5	520.1	152.5	56.2	497.6	145.8	497.6	145.8	60				
	0.04	72	22.2	669.9	196.3	440.1	129	43.3	636.6	186.6	428.9	125.7	49.3	602.9	176.7	417.8	122.4	55.3	590.8	173.2	413.8	121.3	57.4	569.1	166.8	406.7	119.2	60.8				
	20625	62	16.7	552.8	162	552.8	162	40.8	523.4	153.4	523.4	153.4	46.7	493	144.5	493	144.5	53.1	482	141.3	482	141.3	55.5	461.9	135.4	461.9	135.4	59.4				
	9734	66.2	19	612	179.4	592.7	173.7	41.9	575.1	168.5	575.1	168.5	47.8	539.2	158	539.2	158	54.1	526.5	154.3	526.5	154.3	56.3	504.2	147.8	504.2	147.8	60				
	0.05	72	22.2	680.3	199.4	463.7	135.9	43.5	646.4	189.5	452.6	132.7	49.5	612.2	179.4	441.5	129.4	55.5	599.8	175.8	437.4	128.2	57.5	577.4	169.2	430.2	126.1	60.9				
	15050	62	16.7	564.3	165.4	564.3	165.4	44.2	532.7	156.1	532.7	156.1	50.4	500.8	146.8	500.8	146.8	57.4	489.3	143.4	489.3	143.4	59.9	468.8	137.4	468.8	137.4	64.3				
	7103	66.2	19	622.6	182.5	508.3	149	45.2	593	173.8	496.2	145.4	51.8	557.6	163.4	481.9	141.3	58.6	543	159.2	476.1	139.5	61	517.8	151.8	466.1	136.6	65.1				
52060CG	0.03	72	22.2	684.4	200.6	407.8	119.5	46.6	651.7	191	396.2	116.1	53.2	617.3	180.9	384.1	112.6	59.9	605	177.3	379.8	111.3	62.2	583.4	171	372.3	109.1	66				
	21000	62	16.7	594.9	174.4	594.9	174.4	44.7	563.7	165.2	563.7	165.2	51.1	531.1	155.7	531.1	155.7	58.1	519.3	152.2	519.3	152.2	60.5	498.1	146	498.1	146	64.8				
	9911	66.2	19	656.4	192.4	618.7	181.3	45.9	617.6	181	604.1	177	52.3	579.4	169.8	579.4	169.8	59.1	566	165.9	566	165.9	61.5	542.6	159	542.6	159	65.5				
	0.04	72	22.2	728.4	213.5	485.9	142.4	47.7	692.2	202.9	473.8	138.9	54.2	655.8	192.2	461.9	135.4	60.6	642.6	188.4	457.6	134.1	62.8	619.6	181.6	450.1	131.9	66.4				
	23650	62	16.7	605.8	177.6	605.8	177.6	44.9	574.2	168.3	574.2	168.3	51.3	541.2	158.6	541.2	158.6	58.3	529.2	155.1	529.2	155.1	60.8	507	148.6	507	148.6	65				
	11162	66.2	19	663.8	194.6	663.8	194.6	46.1	625.9	183.4	625.9	183.4	52.6	588.3	172.4	588.3	172.4	59.3	575.1	168.6	575.1	168.6	61.7	561.6	161.7	561.6	161.7	65.6				
	0.05	72	22.2	741.8	217.4	519.2	152.2	48.1	704.9	206.6	561	148.6	54.5	667.1	195.5	494.9	145.1	60.8	653.7	191.6	490.6	143.8	62.9	630.4	184.8	483.2	141.6	66.5				
	17150	62	16.7	643.7	188.7	643.7	188.7	52.8	607.6	178.1	607.6	178.1	60.5	572.3	167.7	572.3	167.7	68.7	559.5	164	559.5	164	71.6	536.9	157.4	536.9	157.4	76.5				
	8094	66.2	19	709.3	207.9	579.2	169.8	54.4	675.4	196	565.3	165.7	62.4	636.1	186.4	549.5	161	70.4	620	181.7	543	159.2	73.2	592.2	173.6	532	155.9	77.7				
	0.03	72	22.2	778.7	228.2	464.3	136.1	56.3	741.4	217.3	451.1	132.2	64.4	703.7	206.2	437.8	128.3	72.3	690.2	202.3	433.1	126.9	75	—	—	—	—	—				
	52065CG	23000	62	16.7	673.9	197.5	673.9	197.5	53.6	638.3	187.1	638.3	187.1	61.4	602.4	176.6	602.4	176.6	69.5	589.3	172.7	589.3	172.7	72.3	566.1	165.9	566.1	165.9	77.1			
10855		66.2	19	744.5	218.2	688.2	201.7	55.4	699.9	205.1	671.4	196.8	63.2	657.3	192.7	655.3	192.1	71	642.4	188.3	642.4	188.3	73.7	616.7	180.7	616.7	180.7	78.3				
0.04		72	22.2	822.6	241.1	541.1	158.6	57.6	782.3	229.3	527.7	154.7	65.6	743	217.8	514.6	150.8	73.3	728.8	213.6	510	149.5	75.9	—	—	—	—	—				
26950		62	16.7	690.3	202.3	690.3	202.3	54	654.2	191.7	654.2	191.7	61.8	617.6	181	617.6	181	69.9	604.2	177.1	604.2	177.1	72.7	579.8	170	579.8	170	77.5				
12719		66.2	19	755.3	221.4	755.3	221.4	55.7	712.2	208.8	63.5	670.8	196.6	63.5	670.8	196.6	71.8	656.2	192.3	656.2	192.3	74.1	630.4	184.8	630.4	184.8	78.6					
0.05		72	22.2	843	247.1	590.9	173.2	58.3	801.8	235	577.4	169.2	66.2	760.9	223	564.2	165.4	73.8	746.3	218.8	559.6	164	76.4	—	—	—	—	—				
17150		62	16.7	718.4	210.6	692.1	202.9	62.1	678.2	198.8	673.8	197.5	71.2	639.3	187.4	639.3	187.4	80.4	625.4	183.3	625.4	183.3	83.7	599.3	175.6	599.3	175.6	89.2				
8094		66.2	19	789.6	231.4	672.2	180.9	64.3	751.9	220.6	643.3	176.2	73.7	710.5	208.3	584.1	171.2	82.7	692.9	203.1	576.8	169.1	85.7	—	—	—	—	—				
0.01		72	22.2	865.9	253.8	499.6	146.4	66.8	824.9	241.8	484.2	141.9	76.2	784.1	229.8	469.2	137.5	85.2	789.3	225.5	463.9	136	88.3	—	—	—	—	—				
23000		62	16.7	751.1	220.1	751.1	220.1	63.1	711.6	208.6	711.6	208.6	72.3	672.2	197	672.2	197	81.5	658	192.9	658	192.9	84.6	—	—	—	—	—				
52070CG		10855	66.2	19	829.8	243.2	729.9	213.9	65.6	780	228.6	710.3	208.2	74.6	733.2	214.9	692.2	202.9	83.5	717.1	210.2	686.1	201.1	86.5	—	—	—	—	—			
	0.02	72	22.2	914.7	268.1	578.5	169.6	68.4	870.6	255.2	563.2	165.1	77.8	828	242.7	548.6	160.8	86.8	—	—	—	—	—	—	—	—	—	—				
	26950	62	16.7	789.3	225.5	789.3	225.5	63.6	729.1	213.7	729.1	213.7	72.9	688.9	201.9	688.9	201.9	82	674.6	197.7	674.6	197.7	85.2	—	—	—	—	—				
	12719	66.2	19	841.4	246.6	801.5	234.9	65.9	793.4	232.6	734.3	225.6	75.1	747.9	219.2	747.9	219.2	84	732.1	214.6	732.1	214.6	87	—	—	—	—	—				
	0.02	72	22.2	937.3	274.7	629.8	184.6	69.2	892.5	261.6	614.8	180.2	78.7	848.4	248.7	600.3	175.9	87.5	—	—	—	—	—	—	—	—	—	—				
	19294	62	16.7	775.4	227.3	757.5	222	61.9	731.3	214.3	731.3	214.3	70.8	688	201.7	688	201.7	87.7	672.6	197.1	672.6	197.1	84.2	644.8	189	644.8	189	90.4				
	9106	66.2	19	844.3	247.5	670.8	196.6	63.4	805.7	236.2	654.8	191.9	72.8	765.3	224.3	638.2	187.1	82.7	750.5	220	632.2	185.3	86.2	718.9	210.7	619.4	181.6	92.1				
	0.03	72	22.2	928.5	272.2	541.5	158.7	65.4	886.1	259.7	526	154.2	75	842.6	247	510.4	149.6	84.8	826.4	242.2	504.7	147.9	88.2	796.9	233.6	494.3	144.9	94.1				
	25600	62	16.7	806.4	236.3	806.4	236.3	62.5	764.3	224																						



FAN PERFORMANCE WITH 1" FILTER

Model PACS	AirFlowRate		Internal Stati Pressure		External Static Pressure - in.wg(Pa)													
					0(0)		0.2(50)		0.4(100)		0.6(150)		0.8(200)		1(250)		1.2(300)	
	cfm	l/s	in.wg	Pa	RPM	kW	RPM	kW	RPM	kW	RPM	kW	RPM	kW	RPM	kW	RPM	kW
51004	1375	649	0.28	69	0	0	636	0.15	747	0.19	855	0.24	959	0.29	0	0	0	0
	1670	788	0.41	101	618	0.19	723	0.24	819	0.29	910	0.34	999	0.4	1085	0.46	1171	0.53
	2521	1190	0.96	239	946	0.65	1017	0.73	1085	0.81	1150	0.88	1213	0.96	1275	1.04	1335	1.12
51005	1605	757	0.37	93	0	0	703	0.21	802	0.26	896	0.32	987	0.37	1077	0.44	1165	0.51
	2000	944	0.59	147	744	0.32	833	0.38	916	0.44	995	0.51	1071	0.57	1145	0.64	1219	0.71
	2521	1190	0.96	239	946	0.65	1017	0.73	1085	0.81	1150	0.88	1213	0.96	1275	1.04	1335	1.12
51007	1930	911	0.28	69	0	0	683	0.27	778	0.33	865	0.39	948	0.45	1027	0.51	1104	0.57
	2400	1133	0.43	106	725	0.41	803	0.48	883	0.55	959	0.62	1031	0.69	1099	0.77	1165	0.84
	3538	1670	0.96	239	1077	1.34	1130	1.43	1184	1.53	1239	1.63	1293	1.73	1345	1.84	1396	1.95
51008	2252	1063	0.37	93	0	0	629	0.31	715	0.38	794	0.45	869	0.53	940	0.61	1010	0.7
	2880	1359	0.62	155	688	0.51	764	0.6	835	0.69	901	0.78	964	0.87	1025	0.96	1084	1.06
	3538	1670	0.96	239	851	0.95	913	1.06	973	1.17	1029	1.28	1084	1.39	1136	1.5	1187	1.62
52010	2917	1377	0.28	69	0	0	633	0.45	712	0.54	786	0.64	855	0.73	920	0.82	982	0.91
	4000	1888	0.52	130	757	0.96	816	1.07	875	1.18	933	1.31	989	1.43	1043	1.56	1096	1.68
	5347	2523	0.96	239	1018	2.31	1062	2.45	1106	2.6	1150	2.76	1194	2.92	1237	3.09	1280	3.25
52012	3750	1770	0.28	69	431	0.4	508	0.5	579	0.6	644	0.71	703	0.83	760	0.95	814	1.08
	5000	2360	0.49	123	573	0.94	632	1.07	689	1.21	743	1.35	793	1.49	842	1.64	888	1.79
	6875	3244	0.96	239	795	2.48	838	2.66	881	2.84	922	3.03	962	3.22	1001	3.41	1039	3.6
52013	4667	2202	0.33	82	0	0	645	0.68	736	0.83	819	0.99	897	1.15	971	1.33	1043	1.51
	6000	2831	0.56	141	708	1.12	787	1.32	861	1.52	931	1.72	997	1.93	1061	2.13	1122	2.34
	7333	3460	0.87	216	872	2.07	938	2.32	1000	2.56	1060	2.81	1117	3.06	1173	3.3	1226	3.55
52015	4667	2202	0.4	98	0	0	675	0.73	763	0.88	844	1.04	921	1.21	995	1.38	1066	1.57
	6000	2831	0.68	168	752	1.23	829	1.43	901	1.63	968	1.84	1033	2.04	1095	2.25	1155	2.46
	7333	3460	1.04	259	929	2.29	992	2.53	1053	2.78	1110	3.02	1166	3.27	1220	3.52	1272	3.77
52017	5445	2569	0.4	98	611	0.77	699	0.96	782	1.14	859	1.32	930	1.5	999	1.69	1064	1.89
	7000	3303	0.68	168	793	1.67	863	1.9	930	2.14	993	2.37	1054	2.61	1113	2.84	1169	3.08
	8556	4038	1.04	259	978	3.1	1035	3.38	1091	3.67	1145	3.95	1197	4.24	1248	4.53	1297	4.81
52019	5445	2569	0.4	98	611	0.77	699	0.96	782	1.14	859	1.32	930	1.5	999	1.69	1064	1.89
	7000	3303	0.68	168	793	1.67	863	1.9	930	2.14	993	2.37	1054	2.61	1113	2.84	1169	3.08
	8556	4038	1.04	259	978	3.1	1035	3.38	1091	3.67	1145	3.95	1197	4.24	1248	4.53	1297	4.81
52020	5850	2761	0.29	73	417	0.51	509	0.69	590	0.88	664	1.09	734	1.32	800	1.56	865	1.83
	8000	3775	0.55	138	572	1.31	642	1.55	707	1.81	767	2.07	823	2.34	878	2.62	930	2.92
	10725	5061	1.04	259	780	3.23	832	3.56	882	3.89	930	4.23	976	4.57	1021	4.92	1064	5.28
52024	5850	2761	0.29	73	417	0.51	509	0.69	590	0.88	664	1.09	734	1.32	800	1.56	865	1.83
	8000	3775	0.55	138	572	1.31	642	1.55	707	1.81	767	2.07	823	2.34	878	2.62	930	2.92
	10725	5061	1.04	259	780	3.23	832	3.56	882	3.89	930	4.23	976	4.57	1021	4.92	1064	5.28
52025	6500	3067	0.29	73	432	0.63	520	0.83	598	1.04	669	1.25	735	1.49	798	1.74	858	2
	9100	4294	0.58	145	607	1.75	672	2.02	733	2.3	790	2.58	843	2.88	895	3.18	944	3.49
52028	7584	3579	0.4	98	503	1	579	1.23	650	1.46	714	1.71	775	1.97	832	2.23	887	2.51
	10500	4955	0.79	198	706	2.72	762	3.03	816	3.34	867	3.67	916	4	963	4.34	1008	4.69
	11917	5624	1.04	259	806	4.01	856	4.36	904	4.71	950	5.08	994	5.45	1037	5.83	1078	6.21
52034	7292	3441	0.4	98	496	0.92	574	1.14	645	1.37	711	1.61	772	1.86	830	2.13	886	2.4
	10400	4908	0.85	211	719	2.74	775	3.05	828	3.37	879	3.69	927	4.03	973	4.36	1018	4.71
	11458	5407	1.04	259	796	3.69	846	4.03	895	4.38	942	4.73	987	5.1	1030	5.46	1072	5.84
52039	8204	3871	0.4	98	518	1.19	592	1.43	660	1.68	722	1.94	781	2.21	837	2.48	890	2.77
	11700	5521	0.85	211	750	3.53	802	3.86	853	4.21	901	4.56	947	4.92	992	5.29	1035	5.66
	12891	6083	1.04	259	830	4.74	877	5.11	923	5.49	968	5.88	1011	6.27	1052	6.67	1093	7.07
52045	10209	4818	0.4	98	434	1.38	496	1.7	552	2.03	604	2.37	654	2.73	702	3.12	748	3.54
	14600	6890	0.85	212	630	4.14	674	4.6	716	5.05	756	5.52	794	5.99	831	6.47	867	6.97
	16042	7570	1.04	259	695	5.52	735	6.03	774	6.53	810	7.03	846	7.55	880	8.07	914	8.6
52049	12032	5678	0.4	98	467	1.96	524	2.35	577	2.73	625	3.11	671	3.5	715	3.9	757	4.33
	17200	8117	0.85	212	677	5.85	717	6.4	756	6.95	793	7.49	829	8.03	863	8.57	896	9.12
	18906	8922	1.04	259	746	7.81	783	8.42	819	9.02	853	9.62	886	10.21	918	10.81	949	11.4
52052	13125	6194	0.56	140	534	2.74	585	3.16	632	3.57	677	3.99	719	4.41	760	4.85	799	5.3
	18750	8848	1.06	265	748	7.74	784	8.34	820	8.94	854	9.53	887	10.12	920	10.71	951	11.3
	20625	9733	1.26	313	817	10.2	851	10.87	884	11.53	916	12.18	947	12.83	977	13.48	1006	14.12
52060	15050	7102	0.6	151	295	2.28	330	2.72	364	3.2	396	3.72	427	4.26	457	4.84	486	5.44
	21000	9910	1.1	273	401	5.93	426	6.53	452	7.15	476	7.8	500	8.47	524	9.17	547	9.9
	23650	11160	1.35	337	447	8.34	470	9	492	9.69	515	10.4	536	11.13	558	11.89	579	12.67
52065	17150	8093	0.6	151	307	2.94	339	3.41	370	3.92	400	4.45	429	5.02	457	5.62	484	6.24
	23000	10854	1.02	254	404	6.87	428	7.49	451	8.13	475	8.79	498	9.48	520	10.19	542	10.93
	26950	12718	1.35	337	468	10.87	488	11.58	509	12.32	529	13.07	549	13.84	569	14.64	588	15.45
52070	17150	8093	0.6	151	307	2.94	339	3.41	370	3.92	400	4.45	429	5.02	457	5.62	484	6.24
	23000	10854	1.02	254	404	6.87	428	7.49	451	8.13	475	8.79	498	9.48	520	10.19	542	10.93
	26950	12718	1.35	337	468	10.87	488	11.58	509	12.32	529	13.07	549	13.84	569	14.64	588	15.45
52080	19294	9105	0.6	151	257	2.95	288	3.5	318	4.09	346	4.71	373	5.36				

FAN PERFORMANCE WITH 1" FILTER

Model PACSC	AirFlowRate		Internal Static Pressure		External Static Pressure - in.wg(Pa)													
					0(0)		0.2(50)		0.4(100)		0.6(150)		0.8(200)		1(250)		1.2(300)	
	cfm	l/s	in.wg	Pa	RPM	kW	RPM	kW	RPM	kW	RPM	kW	RPM	kW	RPM	kW	RPM	kW
51004C	1375	649	0.28	69	0	0	636	0.15	747	0.19	855	0.24	959	0.29	0	0	0	0
	1670	788	0.41	101	618	0.19	723	0.24	819	0.29	910	0.34	999	0.4	1085	0.46	1171	0.53
	2521	1190	0.96	239	946	0.65	1017	0.73	1085	0.81	1150	0.88	1213	0.96	1275	1.04	1335	1.12
51005C	1605	757	0.37	93	0	0	703	0.21	802	0.26	896	0.32	987	0.37	1077	0.44	1165	0.51
	2000	944	0.59	147	744	0.32	833	0.38	916	0.44	995	0.51	1071	0.57	1145	0.64	1219	0.71
	2521	1190	0.96	239	946	0.65	1017	0.73	1085	0.81	1150	0.88	1213	0.96	1275	1.04	1335	1.12
51007C	1930	911	0.28	69	0	0	683	0.27	778	0.33	865	0.39	948	0.45	1027	0.51	1104	0.57
	2400	1133	0.43	106	725	0.41	803	0.48	883	0.55	959	0.62	1031	0.69	1099	0.77	1165	0.84
	3538	1670	0.96	239	1077	1.34	1130	1.43	1184	1.53	1239	1.63	1293	1.73	1345	1.84	1396	1.95
51008C	2252	1063	0.37	93	0	0	629	0.31	715	0.38	794	0.45	869	0.53	940	0.61	1010	0.7
	2880	1359	0.62	155	688	0.51	764	0.6	835	0.69	901	0.78	964	0.87	1025	0.96	1084	1.06
	3538	1670	0.96	239	851	0.95	913	1.06	973	1.17	1029	1.28	1084	1.39	1136	1.5	1187	1.62
52010C	2917	1377	0.28	69	0	0	633	0.45	712	0.54	786	0.64	855	0.73	920	0.82	982	0.91
	4000	1888	0.52	130	757	0.96	816	1.07	875	1.18	933	1.31	989	1.43	1043	1.56	1096	1.68
	5347	2523	0.96	239	1018	2.31	1062	2.45	1106	2.6	1150	2.76	1194	2.92	1237	3.09	1280	3.25
52012C	3750	1770	0.28	69	431	0.4	508	0.5	579	0.6	644	0.71	703	0.83	760	0.95	814	1.08
	5000	2360	0.49	123	573	0.94	632	1.07	689	1.21	743	1.35	793	1.49	842	1.64	888	1.79
	6875	3244	0.96	239	795	2.48	838	2.66	881	2.84	922	3.03	962	3.22	1001	3.41	1039	3.6
52013C	4667	2202	0.33	82	0	0	645	0.68	736	0.83	819	0.99	897	1.15	971	1.33	1043	1.51
	6000	2831	0.56	141	708	1.12	787	1.32	861	1.52	931	1.72	997	1.93	1061	2.13	1122	2.34
	7333	3460	0.87	216	872	2.07	938	2.32	1000	2.56	1060	2.81	1117	3.06	1173	3.3	1226	3.55
52015C	4667	2202	0.4	98	0	0	675	0.73	763	0.88	844	1.04	921	1.21	995	1.38	1066	1.57
	6000	2831	0.68	168	752	1.23	829	1.43	901	1.63	968	1.84	1033	2.04	1095	2.25	1155	2.46
	7333	3460	1.04	259	929	2.29	992	2.53	1053	2.78	1110	3.02	1166	3.27	1220	3.52	1272	3.77
52017C	5445	2569	0.4	98	611	0.77	699	0.96	782	1.14	859	1.32	930	1.5	999	1.69	1064	1.89
	7000	3303	0.68	168	793	1.67	863	1.9	930	2.14	993	2.37	1054	2.61	1113	2.84	1169	3.08
	8556	4038	1.04	259	978	3.1	1035	3.38	1091	3.67	1145	3.95	1197	4.24	1248	4.53	1297	4.81
52019C	5445	2569	0.4	98	611	0.77	699	0.96	782	1.14	859	1.32	930	1.5	999	1.69	1064	1.89
	7000	3303	0.68	168	793	1.67	863	1.9	930	2.14	993	2.37	1054	2.61	1113	2.84	1169	3.08
	8556	4038	1.04	259	978	3.1	1035	3.38	1091	3.67	1145	3.95	1197	4.24	1248	4.53	1297	4.81
52020C	5850	2761	0.29	73	417	0.51	509	0.69	590	0.88	664	1.09	734	1.32	800	1.56	865	1.83
	8000	3775	0.55	138	572	1.31	642	1.55	707	1.81	767	2.07	823	2.34	878	2.62	930	2.92
	10725	5061	1.04	259	780	3.23	832	3.56	882	3.89	930	4.23	976	4.57	1021	4.92	1064	5.28
52024C	5850	2761	0.29	73	417	0.51	509	0.69	590	0.88	664	1.09	734	1.32	800	1.56	865	1.83
	8000	3775	0.55	138	572	1.31	642	1.55	707	1.81	767	2.07	823	2.34	878	2.62	930	2.92
	10725	5061	1.04	259	780	3.23	832	3.56	882	3.89	930	4.23	976	4.57	1021	4.92	1064	5.28
52025C	6500	3067	0.29	73	432	0.63	520	0.83	598	1.04	669	1.25	735	1.49	798	1.74	858	2
	9100	4294	0.58	145	607	1.75	672	2.02	733	2.3	790	2.58	843	2.88	895	3.18	944	3.49
	11917	5624	1.04	259	806	4.01	856	4.36	904	4.71	950	5.08	994	5.45	1037	5.83	1078	6.21
52028C	7584	3579	0.4	98	503	1	579	1.23	650	1.46	714	1.71	775	1.97	832	2.23	887	2.51
	10500	4955	0.79	198	706	2.72	762	3.03	816	3.34	867	3.67	916	4	963	4.34	1008	4.69
	11917	5624	1.04	259	806	4.01	856	4.36	904	4.71	950	5.08	994	5.45	1037	5.83	1078	6.21
52034C	7292	3441	0.4	98	496	0.92	574	1.14	645	1.37	711	1.61	772	1.86	830	2.13	886	2.4
	10400	4908	0.85	211	719	2.74	775	3.05	828	3.37	879	3.69	927	4.03	973	4.36	1018	4.71
	11458	5407	1.04	259	796	3.69	846	4.03	895	4.38	942	4.73	987	5.1	1030	5.46	1072	5.84
52039C	8204	3871	0.4	98	518	1.19	592	1.43	660	1.68	722	1.94	781	2.21	837	2.48	890	2.77
	11700	5521	0.85	211	750	3.53	802	3.86	853	4.21	901	4.56	947	4.92	992	5.29	1035	5.66
	12891	6083	1.04	259	830	4.74	877	5.11	923	5.49	968	5.88	1011	6.27	1052	6.67	1093	7.07
52045C	10209	4818	0.4	98	434	1.38	496	1.7	552	2.03	604	2.37	654	2.73	702	3.12	748	3.54
	14600	6890	0.85	212	630	4.14	674	4.6	716	5.05	756	5.52	794	5.99	831	6.47	867	6.97
	16042	7570	1.04	259	695	5.52	735	6.03	774	6.53	810	7.03	846	7.55	880	8.07	914	8.6
52049C	12032	5678	0.4	98	467	1.96	524	2.35	577	2.73	625	3.11	671	3.5	715	3.9	757	4.33
	17200	8117	0.85	212	677	5.85	717	6.4	756	6.95	793	7.49	829	8.03	863	8.57	896	9.12
	18906	8922	1.04	259	746	7.81	783	8.42	819	9.02	853	9.62	886	10.21	918	10.81	949	11.4
52052C	13125	6194	0.56	140	534	2.74	585	3.16	632	3.57	677	3.99	719	4.41	760	4.85	799	5.3
	18750	8848	1.06	265	748	7.74	784	8.34	820	8.94	854	9.53	887	10.12	920	10.71	951	11.3
	20625	9733	1.26	313	817	10.2	851	10.87	884	11.53	916	12.18	947	12.83	977	13.48	1006	14.12
52060C	15050	7102	0.6	151	295	2.28	330	2.72	364	3.2	396	3.72	427	4.26	457	4.84	486	5.44
	21000	9910	1.1	273	401	5.93	426	6.53	452	7.15	476	7.8	500	8.47	524	9.17	547	9.9
	23650	11160	1.35	337	447	8.34	470	9	492	9.69	515	10.4	536	11.13	558	11.89	579	12.67
52065C	17150	8093	0.6	151	307	2.94	339	3.41	370	3.92	400	4.45	429	5.02	457	5.62	484	6.24
	23000	10854	1.02	254	404	6.87	428	7.49	451	8.13	475	8.79	498	9.48	520	10.19	542	10.93
	26950	12718	1.35	337	468	10.87	488	11.58	509	12.32	529	13.07	549	13.84	569	14.64	588	15.45
52070C	17150	8093	0.6	151	307	2.94	339	3.41	370	3.92	400	4.45	429	5.02	457	5.62	484	6.24
	23																	



FAN PERFORMANCE WITH 1" FILTER (HIGH EFFICIENCY)

Model PACS	AirFlowRate		Internal Static Pressure		External Static Pressure - in.wg(Pa)													
					0(0)		0.2(50)		0.4(100)		0.6(150)		0.8(200)		1(250)		1.2(300)	
	cfm	l/s	in.wg	Pa	RPM	kW	RPM	kW	RPM	kW	RPM	kW	RPM	kW	RPM	kW	RPM	kW
51004G	1375	649	0.33	81	0	0	663	0.16	773	0.2	879	0.25	983	0.31	0	0	0	0
	1670	788	0.48	118	656	0.2	757	0.25	851	0.31	941	0.36	1029	0.42	1115	0.49	1200	0.56
	2521	1190	1.14	283	1009	0.72	1077	0.8	1142	0.87	1205	0.95	1267	1.03	1327	1.11	1387	1.19
51005G	1605	757	0.44	109	630	0.18	735	0.23	832	0.28	925	0.33	1016	0.39	1105	0.46	0	0
	2000	944	0.69	173	791	0.35	877	0.41	957	0.48	1034	0.54	1110	0.6	1183	0.67	1256	0.75
	2521	1190	1.14	283	1009	0.72	1077	0.8	1142	0.87	1205	0.95	1267	1.03	1327	1.11	1387	1.19
51007G	1930	911	0.33	81	606	0.23	706	0.28	799	0.34	885	0.4	966	0.46	1045	0.52	1122	0.59
	2400	1133	0.5	124	753	0.44	833	0.5	912	0.57	986	0.65	1056	0.72	1123	0.79	1188	0.87
	3538	1670	1.13	283	1123	1.42	1177	1.51	1232	1.62	1286	1.72	1339	1.83	1390	1.93	1440	2.04
51008G	2252	1063	0.44	109	0	0	658	0.33	741	0.4	819	0.48	892	0.55	963	0.64	1032	0.73
	2880	1359	0.73	183	731	0.56	803	0.65	872	0.74	936	0.83	998	0.92	1057	1.01	1115	1.11
	3538	1670	1.13	283	906	1.05	965	1.16	1022	1.27	1077	1.38	1130	1.49	1181	1.6	1231	1.72
52010G	2917	1377	0.33	81	0	0	652	0.48	730	0.57	802	0.66	870	0.75	935	0.84	996	0.93
	4000	1888	0.61	153	784	1.01	843	1.12	901	1.24	959	1.36	1014	1.49	1067	1.61	1119	1.74
	5347	2523	1.13	283	1056	2.43	1100	2.58	1144	2.74	1188	2.9	1232	3.07	1274	3.23	1316	3.4
52012G	3750	1770	0.33	81	449	0.42	525	0.52	595	0.63	658	0.74	717	0.86	773	0.98	826	1.11
	5000	2360	0.58	144	599	1	657	1.13	712	1.27	765	1.41	814	1.56	862	1.71	907	1.86
	6875	3244	1.13	283	833	2.63	875	2.82	917	3	957	3.19	996	3.38	1034	3.58	1071	3.78
52013G	4667	2202	0.29	73	0	0	627	0.65	719	0.8	803	0.96	882	1.12	957	1.29	1029	1.47
	6000	2831	0.48	121	675	1.04	756	1.24	832	1.44	904	1.64	971	1.84	1036	2.05	1098	2.25
	7333	3460	0.75	186	833	1.93	899	2.17	963	2.42	1025	2.66	1084	2.91	1140	3.16	1195	3.4
52015G	4667	2202	0.29	73	0	0	627	0.65	719	0.8	803	0.96	882	1.12	957	1.29	1029	1.47
	6000	2831	0.48	121	675	1.04	756	1.24	832	1.44	904	1.64	971	1.84	1036	2.05	1098	2.25
	7333	3460	0.75	186	833	1.93	899	2.17	963	2.42	1025	2.66	1084	2.91	1140	3.16	1195	3.4
52017G	5445	2569	0.22	55	0	0	622	0.8	710	0.98	792	1.16	868	1.34	939	1.53	1007	1.72
	7000	3303	0.34	84	674	1.32	744	1.52	814	1.74	883	1.97	949	2.21	1012	2.45	1072	2.68
	8556	4038	0.51	127	826	2.42	882	2.65	940	2.92	998	3.19	1055	3.48	1110	3.76	1163	4.05
52019G	5445	2569	0.22	55	0	0	622	0.8	710	0.98	792	1.16	868	1.34	939	1.53	1007	1.72
	7000	3303	0.34	84	674	1.32	744	1.52	814	1.74	883	1.97	949	2.21	1012	2.45	1072	2.68
	8556	4038	0.51	127	826	2.42	882	2.65	940	2.92	998	3.19	1055	3.48	1110	3.76	1163	4.05
52020G	5850	2761	0.24	61	0	0	488	0.65	572	0.84	647	1.04	717	1.26	784	1.5	849	1.77
	8000	3775	0.44	110	531	1.18	604	1.42	671	1.66	734	1.92	792	2.19	848	2.46	901	2.75
	10725	5061	0.83	207	722	2.9	777	3.22	830	3.54	880	3.87	928	4.21	974	4.55	1019	4.91
52024G	5850	2761	0.19	48	0	0	465	0.6	551	0.79	628	0.99	699	1.2	767	1.44	833	1.69
	8000	3775	0.31	76	478	1.03	555	1.26	626	1.5	692	1.75	753	2.01	810	2.28	865	2.56
	10725	5061	0.56	139	644	2.49	702	2.79	758	3.1	811	3.42	862	3.75	911	4.09	958	4.43
52025G	6500	3067	0.22	54	0	0	488	0.75	570	0.96	643	1.17	711	1.4	775	1.64	836	1.9
	9100	4294	0.4	98	543	1.51	612	1.77	676	2.04	737	2.32	793	2.6	847	2.9	898	3.2
	11917	5624	0.7	175	719	3.43	771	3.77	822	4.11	871	4.47	918	4.83	964	5.19	1008	5.57
52028G	7584	3579	0.28	69	455	0.88	535	1.1	609	1.33	677	1.56	740	1.81	799	2.08	855	2.35
	10500	4955	0.53	133	630	2.33	689	2.63	746	2.94	801	3.25	852	3.57	902	3.9	949	4.24
	11917	5624	0.7	175	719	3.43	771	3.77	822	4.11	871	4.47	918	4.83	964	5.19	1008	5.57
52034G	7292	3441	0.46	114	522	0.99	598	1.21	667	1.45	731	1.69	791	1.95	848	2.21	904	2.5
	10400	4908	0.99	246	758	2.96	812	3.27	864	3.6	913	3.93	960	4.26	1005	4.61	1049	4.96
	11458	5407	1.22	303	840	3.99	889	4.34	936	4.69	981	5.05	1025	5.42	1067	5.79	1108	6.17
52039G	8204	3871	0.3	75	483	1.09	559	1.32	629	1.56	694	1.82	755	2.08	812	2.35	866	2.64
	11700	5521	0.61	153	688	3.14	742	3.47	794	3.81	844	4.15	893	4.5	940	4.86	985	5.23
	12891	6083	0.76	188	761	4.23	810	4.59	858	4.96	904	5.33	949	5.72	993	6.11	1035	6.5
52045G	10209	4818	0.33	83	413	1.28	477	1.6	535	1.93	588	2.26	639	2.62	687	3	734	3.41
	14600	6890	0.69	173	594	3.77	640	4.24	683	4.69	725	5.15	764	5.62	802	6.09	838	6.58
	16042	7570	0.85	212	656	5.04	698	5.55	738	6.05	776	6.56	812	7.06	848	7.58	882	8.1
52049G	12032	5678	0.39	96	464	1.94	522	2.33	574	2.71	623	3.09	669	3.48	713	3.88	755	4.31
	17200	8117	0.82	204	670	5.76	711	6.32	750	6.87	787	7.41	823	7.95	858	8.49	891	9.04
	18906	8922	1.01	251	740	7.71	777	8.32	813	8.92	847	9.52	881	10.12	913	10.71	944	11.3
52052G	13125	6194	0.56	140	534	2.74	585	3.16	632	3.57	677	3.99	719	4.41	760	4.85	799	5.3
	18750	8848	1.06	265	748	7.74	784	8.34	820	8.94	854	9.53	887	10.12	920	10.71	951	11.3
	20625	9733	1.26	313	817	10.2	851	10.87	884	11.53	916	12.18	947	12.83	977	13.48	1006	14.12
52060G	15050	7102	0.6	151	295	2.28	330	2.72	364	3.2	396	3.72	427	4.26	457	4.84	486	5.44
	21000	9910	1.1	273	401	5.93	426	6.53	452	7.15	476	7.8	500	8.47	524	9.17	547	9.9
	23650	11160	1.35	337	447	8.34	470	9	492	9.69	515	10.4	536	11.13	558	11.89	579	12.67
52065G	17150	8093	0.6	151	307	2.94	339	3.41	370	3.92	400	4.45	429	5.02	457	5.62	484	6.24
	23000	10854	1.02	254	404	6.87	428	7.49	451	8.13	475	8.79	498	9.48	520	10.19	542	10.93
	26950	12718	1.35	337	468	10.87	488	11.58	509	12.32	529	13.07	549	13.84	569	14.64	588	15.45
52070G	17150	8093	0.69	172	321	3.14	352	3.62	383	4.14	412	4.69	441	5.27	469	5.88	496	6.51
	23000	10854	1.16	289	420	7.3	444	7.93	468	8.59	491							

FAN PERFORMANCE WITH 1" FILTER (HIGH EFFICIENCY)

Model PACS	AirFlowRate		Internal Static Pressure		External Static Pressure - in.wg(Pa)													
					0(0)		0.2(50)		0.4(100)		0.6(150)		0.8(200)		1(250)		1.2(300)	
	cfm	l/s	in.wg	Pa	RPM	kW	RPM	kW	RPM	kW	RPM	kW	RPM	kW	RPM	kW	RPM	kW
51004CG	1375	649	0.33	81	0	0	663	0.16	773	0.2	879	0.25	983	0.31	0	0	0	0
	1670	788	0.48	118	656	0.2	757	0.25	851	0.31	941	0.36	1029	0.42	1115	0.49	1200	0.56
	2521	1190	1.14	283	1009	0.72	1077	0.8	1142	0.87	1205	0.95	1267	1.03	1327	1.11	1387	1.19
51005CG	1605	757	0.44	109	630	0.18	735	0.23	832	0.28	925	0.33	1016	0.39	1105	0.46	0	0
	2000	944	0.69	173	791	0.35	877	0.41	957	0.48	1034	0.54	1110	0.6	1183	0.67	1256	0.75
	2521	1190	1.14	283	1009	0.72	1077	0.8	1142	0.87	1205	0.95	1267	1.03	1327	1.11	1387	1.19
51007CG	1930	911	0.33	81	606	0.23	706	0.28	799	0.34	885	0.4	966	0.46	1045	0.52	1122	0.59
	2400	1133	0.5	124	753	0.44	833	0.5	912	0.57	986	0.65	1056	0.72	1123	0.79	1188	0.87
	3538	1670	1.13	283	1123	1.42	1177	1.51	1232	1.62	1286	1.72	1339	1.83	1390	1.93	1440	2.04
51008CG	2252	1063	0.44	109	0	0	658	0.33	741	0.4	819	0.48	892	0.55	963	0.64	1032	0.73
	2880	1359	0.73	183	731	0.56	803	0.65	872	0.74	936	0.83	998	0.92	1057	1.01	1115	1.11
	3538	1670	1.13	283	906	1.05	965	1.16	1022	1.27	1077	1.38	1130	1.49	1181	1.6	1231	1.72
52010CG	2917	1377	0.33	81	0	0	652	0.48	730	0.57	802	0.66	870	0.75	935	0.84	996	0.93
	4000	1888	0.61	153	784	1.01	843	1.12	901	1.24	959	1.36	1014	1.49	1067	1.61	1119	1.74
	5347	2523	1.13	283	1056	2.43	1100	2.58	1144	2.74	1188	2.9	1232	3.07	1274	3.23	1316	3.4
52012CG	3750	1770	0.33	81	449	0.42	525	0.52	595	0.63	658	0.74	717	0.86	773	0.98	826	1.11
	5000	2360	0.58	144	599	1	657	1.13	712	1.27	765	1.41	814	1.56	862	1.71	907	1.86
	6875	3244	1.13	283	833	2.63	875	2.82	917	3	957	3.19	996	3.38	1034	3.58	1071	3.78
52013CG	4667	2202	0.29	73	0	0	627	0.65	719	0.8	803	0.96	882	1.12	957	1.29	1029	1.47
	6000	2831	0.48	121	675	1.04	756	1.24	832	1.44	904	1.64	971	1.84	1036	2.05	1098	2.25
	7333	3460	0.75	186	833	1.93	899	2.17	963	2.42	1025	2.66	1084	2.91	1140	3.16	1195	3.4
52015CG	4667	2202	0.29	73	0	0	627	0.65	719	0.8	803	0.96	882	1.12	957	1.29	1029	1.47
	6000	2831	0.48	121	675	1.04	756	1.24	832	1.44	904	1.64	971	1.84	1036	2.05	1098	2.25
	7333	3460	0.75	186	833	1.93	899	2.17	963	2.42	1025	2.66	1084	2.91	1140	3.16	1195	3.4
52017CG	5445	2569	0.22	55	0	0	622	0.8	710	0.98	792	1.16	868	1.34	939	1.53	1007	1.72
	7000	3303	0.34	84	674	1.32	744	1.52	814	1.74	883	1.97	949	2.21	1012	2.45	1072	2.68
	8556	4038	0.51	127	826	2.42	882	2.65	940	2.92	998	3.19	1055	3.48	1110	3.76	1163	4.05
52019CG	5445	2569	0.22	55	0	0	622	0.8	710	0.98	792	1.16	868	1.34	939	1.53	1007	1.72
	7000	3303	0.34	84	674	1.32	744	1.52	814	1.74	883	1.97	949	2.21	1012	2.45	1072	2.68
	8556	4038	0.51	127	826	2.42	882	2.65	940	2.92	998	3.19	1055	3.48	1110	3.76	1163	4.05
52020CG	5850	2761	0.24	61	0	0	488	0.65	572	0.84	647	1.04	717	1.26	784	1.5	849	1.77
	8000	3775	0.44	110	531	1.18	604	1.42	671	1.66	734	1.92	792	2.19	848	2.46	901	2.75
	10725	5061	0.83	207	722	2.9	777	3.22	830	3.54	880	3.87	928	4.21	974	4.55	1019	4.91
52024CG	5850	2761	0.19	48	0	0	465	0.6	551	0.79	628	0.99	699	1.2	767	1.44	833	1.69
	8000	3775	0.31	76	478	1.03	555	1.26	626	1.5	692	1.75	753	2.01	810	2.28	865	2.56
	10725	5061	0.56	139	644	2.49	702	2.79	758	3.1	811	3.42	862	3.75	911	4.09	958	4.43
52025CG	6500	3067	0.22	54	0	0	488	0.75	570	0.96	643	1.17	711	1.4	775	1.64	836	1.9
	9100	4294	0.4	98	543	1.51	612	1.77	676	2.04	737	2.32	793	2.6	847	2.9	898	3.2
	11917	5624	0.7	175	719	3.43	771	3.77	822	4.11	871	4.47	918	4.83	964	5.19	1008	5.57
52028CG	7584	3579	0.28	69	455	0.88	535	1.1	609	1.33	677	1.56	740	1.81	799	2.08	855	2.35
	10500	4955	0.53	133	630	2.33	689	2.63	746	2.94	801	3.25	852	3.57	902	3.9	949	4.24
	11917	5624	0.7	175	719	3.43	771	3.77	822	4.11	871	4.47	918	4.83	964	5.19	1008	5.57
52034CG	7292	3441	0.46	114	522	0.99	598	1.21	667	1.45	731	1.69	791	1.95	848	2.21	904	2.5
	10400	4908	0.99	246	758	2.96	812	3.27	864	3.6	913	3.93	960	4.26	1005	4.61	1049	4.96
	11458	5407	1.22	303	840	3.99	889	4.34	936	4.69	981	5.05	1025	5.42	1067	5.79	1108	6.17
52039CG	8204	3871	0.3	75	483	1.09	559	1.32	629	1.56	694	1.82	755	2.08	812	2.35	866	2.64
	11700	5521	0.61	153	688	3.14	742	3.47	794	3.81	844	4.15	893	4.5	940	4.86	985	5.23
	12891	6083	0.76	188	761	4.23	810	4.59	858	4.96	904	5.33	949	5.72	993	6.11	1035	6.5
52045CG	10209	4818	0.33	83	413	1.28	477	1.6	535	1.93	588	2.26	639	2.62	687	3	734	3.41
	14600	6890	0.69	173	594	3.77	640	4.24	683	4.69	725	5.15	764	5.62	802	6.09	838	6.58
	16042	7570	0.85	212	656	5.04	698	5.55	738	6.05	776	6.56	812	7.06	848	7.58	882	8.1
52049CG	12032	5678	0.39	96	464	1.94	522	2.33	574	2.71	623	3.09	669	3.48	713	3.88	755	4.31
	17200	8117	0.82	204	670	5.76	711	6.32	750	6.87	787	7.41	823	7.95	858	8.49	891	9.04
	18906	8922	1.01	251	740	7.71	777	8.32	813	8.92	847	9.52	881	10.12	913	10.71	944	11.3
52052CG	13125	6194	0.56	140	534	2.74	585	3.16	632	3.57	677	3.99	719	4.41	760	4.85	799	5.3
	18750	8848	1.06	265	748	7.74	784	8.34	820	8.94	854	9.53	887	10.12	920	10.71	951	11.3
	20625	9733	1.26	313	817	10.2	851	10.87	884	11.53	916	12.18	947	12.83	977	13.48	1006	14.12
52060CG	15050	7102	0.6	151	295	2.28	330	2.72	364	3.2	396	3.72	427	4.26	457	4.84	486	5.44
	21000	9910	1.1	273	401	5.93	426	6.53	452	7.15	476	7.8	500	8.47	524	9.17	547	9.9
	23650	11160	1.35	337	447	8.34	470	9	492	9.69	515	10.4	536	11.13	558	11.89	579	12.67
52065CG	17150	8093	0.6	151	307	2.94	339	3.41	370	3.92	400	4.45	429	5.02	457	5.62	484	6.24
	23000	10854	1.02	254	404	6.87	428	7.49	451	8.13	475	8.79	498	9.48	520	10.19	542	10.93
	26950	12718	1.35	337	468	10.87	488	11.58	509	12.32	529	13.07	549	13.84	569	14.64	588	15.45
52070CG	17150	8093	0.69	172	321	3.14	352	3.62	383	4.14	412	4.69	441	5.27</				



ELECTRICAL DATA

Power Supply: 415~380V/3Ph/50Hz

Model PACS	Unit Characteristic			Compressor			Condenser Fan Motor			Evaporator Fan Motor	
	MFA	MCA	ICF	QTY	RLA	LRA	QTY	FLA	LRA	FLA	LRA
51004	25	13	66	1	8	62	1	0.9	2.6	1.4	7.3
51005	32	16	79	1	10	74	2	0.9	2.6	1.4	7.3
51007	32	19	106	1	12	101	2	0.9	2.6	1.9	9.7
51008	40	25	101	1	16	95	2	0.9	2.6	2.6	14.8
52010	40	29	92	2	10	74	2	1.2	3.6	3.4	18.8
52012	50	35	123	2	12	101	2	1.2	3.6	4.8	27.1
52013	50	37	129	2	12	101	2	2.2	9.0	4.8	27.1
52015	63	46	127	2	16	95	2	2.2	9.0	4.8	27.1
52017	80	50	146	2	17	111	2	2.2	9.0	6.6	42.6
52019	80	54	155	2	19	118	2	2.2	9.0	6.6	42.6
52020	80	58	164	2	19	118	2	4.0	16.5	6.6	42.6
52024	100	65	167	2	22	118	2	4.0	16.5	6.6	42.6
52025	100	71	192	2	25	140	2	4.0	16.5	6.6	42.6
52028	125	85	233	2	30	174	2	4.0	16.5	8.6	53.6
52034	160	101	291	1 + 1	38 +30	225 +174	3	4.0	16.5	11.1	79.9
52039	160	113	302	2	38	225	3	4.0	16.5	15.0	101.0
52045	200	124	353	1 + 1	44 +38	272 +225	4	4.0	16.5	15.0	101.0
52049	200	137	366	2	44	272	4	4.0	16.5	22.0	132.0
52052	200	163	312	2 + 2	30 +25	174 +140	4	4.0	16.5	29.2	207.0
52060	250	173	322	4	30	174	4	4.0	16.5	29.2	207.0
52065	250	191	381	2 + 2	38 +30	225 +174	4	4.0	16.5	29.2	207.0
52070	250	207	397	4	38	225	4	4.0	16.5	29.2	207.0
52080	315	230	459	1 + 3	44 +38	272 +225	8	4.0	16.5	29.2	207.0
52085	315	236	465	2 + 2	44 +38	272 +225	8	4.0	16.5	29.2	207.0
52090	315	242	471	3 + 1	44 +38	272 +225	8	4.0	16.5	29.2	207.0
52095	315	255	484	4	44	272	8	4.0	16.5	36.1	271.0

Power Supply: 440V/3Ph/50Hz

Model PACS	Unit Characteristic			Compressor			Condenser Fan Motor			Evaporator Fan Motor	
	MFA	MCA	ICF	QTY	RLA	LRA	QTY	FLA	LRA	FLA	LRA
51004	25	13	66	1	8	62	1	0.9	2.6	1.3	6.7
51005	32	16	79	1	10	74	2	0.9	2.6	1.3	6.7
51007	32	19	106	1	12	101	2	0.9	2.6	1.7	8.8
51008	40	25	101	1	16	95	2	0.9	2.6	2.3	13.5
52010	40	28	92	2	10	74	2	1.2	3.6	3.1	17.0
52012	50	34	122	2	12	101	2	1.2	3.6	4.4	24.6
52013	50	37	129	2	12	101	2	2.5	8.8	4.4	24.6
52015	63	46	127	2	16	95	2	2.5	8.8	4.4	24.6
52017	80	50	145	2	17	111	2	2.5	8.8	6.0	38.8
52019	80	54	154	2	19	118	2	2.5	8.8	6.0	38.8
52020	80	57	161	2	19	118	2	3.7	14.0	6.0	38.8
52024	100	63	164	2	22	118	2	3.7	14.0	6.0	38.8
52025	100	70	189	2	25	140	2	3.7	14.0	6.0	38.8
52028	125	83	230	2	30	174	2	3.7	14.0	7.9	48.7
52034	160	99	287	1 + 1	38 +30	225 +174	3	3.7	14.0	10.1	72.7
52039	160	111	298	2	38	225	3	3.7	14.0	13.6	91.4
52045	200	122	349	1 + 1	44 +38	272 +225	4	3.7	14.0	13.6	91.4
52049	200	134	361	2	44	272	4	3.7	14.0	20.0	120.0
52052	200	159	306	2 + 2	30 +25	174 +140	4	3.7	14.0	26.5	188.0
52060	200	169	316	4	30	174	4	3.7	14.0	26.5	188.0
52065	250	187	375	2 + 2	38 +30	225 +174	4	3.7	14.0	26.5	188.0
52070	250	203	391	4	38	225	4	3.7	14.0	26.5	188.0
52080	315	226	452	1 + 3	44 +38	272 +225	8	3.7	14.0	26.5	188.0
52085	315	232	458	2 + 2	44 +38	272 +225	8	3.7	14.0	26.5	188.0
52090	315	238	464	3 + 1	44 +38	272 +225	8	3.7	14.0	26.5	188.0
52095	315	250	477	4	44	272	8	3.7	14.0	32.8	246.0

Table 26

Legend

- MFA** Maximum Fuse Amps (for fuse/circuit breaker sizing), complies with NEC Article 440-22 & 430-52.
- MCA** Minimum Circuit Amps.(for wire sizing), complies with NEC article 440-33.
- ICF** Maximum Instantaneous Current Flow.

- RLA** Rated Load Amps. (at worst operating condition) .
- LRA** Locked Rotor Amps.
- FLA** Full Load Amps.

Note :Voltage imbalance not to exceed $\pm 2\%$ of the rated voltage.

ELECTRICAL DATA - HIGH EFFICIENCY

Power Supply: 415~380V/3Ph/50Hz

Model PACS-G	Unit Characteristic			Compressor			Condenser Fan Motor			Evaporator Fan Motor	
	MFA	MCA	ICF	QTY	RLA	LRA	QTY	FLA	LRA	FLA	LRA
51004G	25	13	66	1	8	62	1	0.9	2.6	1.4	7.3
51005G	32	16	79	1	10	74	2	0.9	2.6	1.4	7.3
51007G	32	19	106	1	12	101	2	0.9	2.6	1.9	9.7
51008G	40	25	101	1	16	95	2	0.9	2.6	2.6	14.8
52010G	40	29	92	2	10	74	2	1.2	3.6	3.4	18.8
52012G	50	35	123	2	12	101	2	1.2	3.6	4.8	27.1
52013G	50	37	129	2	12	101	2	2.2	9.0	4.8	27.1
52015G	63	46	127	2	16	95	2	2.2	9.0	4.8	27.1
52017G	80	52	151	2	17	111	2	3.4	13.0	6.6	42.6
52019G	80	57	160	2	19	118	2	3.4	13.0	6.6	42.6
52020G	80	55	158	2	19	118	2	3.4	13.0	4.8	27.1
52024G	100	62	161	2	22	118	2	3.4	13.0	4.8	27.1
52025G	100	70	188	2	25	140	2	3.4	13.0	6.6	42.6
52028G	125	83	229	2	30	174	2	3.4	13.0	8.6	53.6
52034G	160	99	286	1 + 1	38 +30	225 +174	3	3.4	13.0	11.1	79.9
52039G	160	115	301	2	38	225	4	3.4	13.0	15.0	101.0
52045G	200	122	348	1 + 1	44 +38	272 +225	4	3.4	13.0	15.0	101.0
52049G	200	135	361	2	44	272	4	3.4	13.0	22.0	132.0
52052G	200	161	306	2 + 2	30 +25	174 +140	4	3.4	13.0	29.2	207.0
52060G	250	171	316	4	30	174	4	3.4	13.0	29.2	207.0
52065G	250	189	375	2 + 2	38 +30	225 +174	4	3.4	13.0	29.2	207.0
52070G	250	205	391	4	38	225	4	3.4	13.0	29.2	207.0
52080G	315	226	452	1 + 3	44 +38	272 +225	8	3.4	13.0	29.2	207.0
52085G	315	232	458	2 + 2	44 +38	272 +225	8	3.4	13.0	29.2	207.0
52090G	315	238	464	3 + 1	44 +38	272 +225	8	3.4	13.0	29.2	207.0
52095G	315	251	477	4	44	272	8	3.4	13.0	36.1	271.0

Table 27

Legend

- MFA** Maximum Fuse Amps (for fuse/circuit breaker sizing), complies with NEC Article 440-22 & 430-52.
- MCA** Minimum Circuit Amps.(for wire sizing), complies with NEC article 440-33.
- ICF** Maximum Instantaneous Current Flow.

- RLA** Rated Load Amps. (at worst operating condition) .
- LRA** Locked Rotor Amps.
- FLA** Full Load Amps.

Note: Voltage imbalance not to exceed $\pm 2\%$ of the rated voltage.



Field Connections

PACS series self-contained heavy duty air cooled packaged units are designed for minimum field interaction. Power hook ups and control wiring of room thermostat as per field wiring diagram is all that is required to electrically connect any model of PACS series. Every PACS series packaged air conditioning unit requires, at most, field installed fused disconnect switches or circuit breakers and room thermostat.

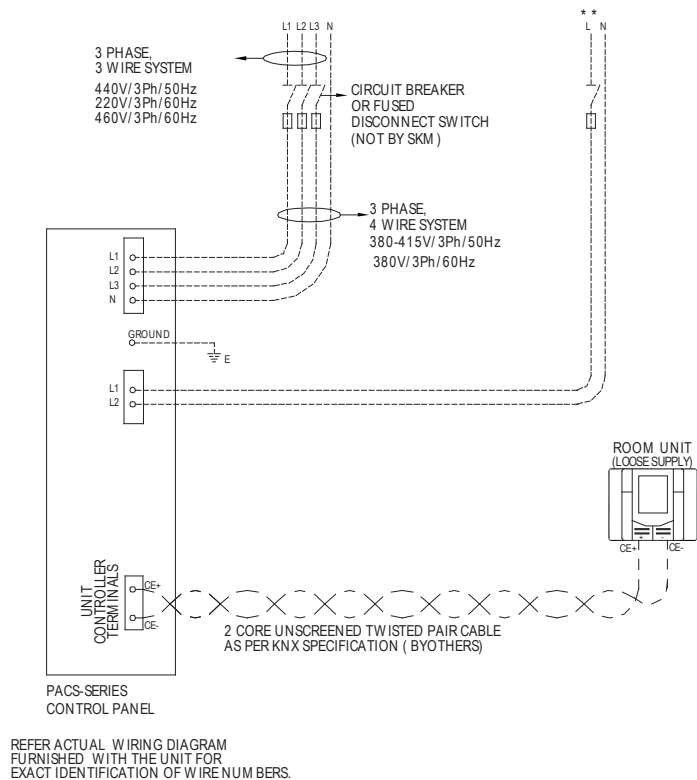
Refer below for schematic representation of required field electrical hook-ups for a standard PACS series packaged air conditioning unit. All field wiring must be done in accordance with applicable local & national codes.

For the maximum fuse ampere for fuse sizing & minimum circuit amps for cable sizing, see page 31 & 32..

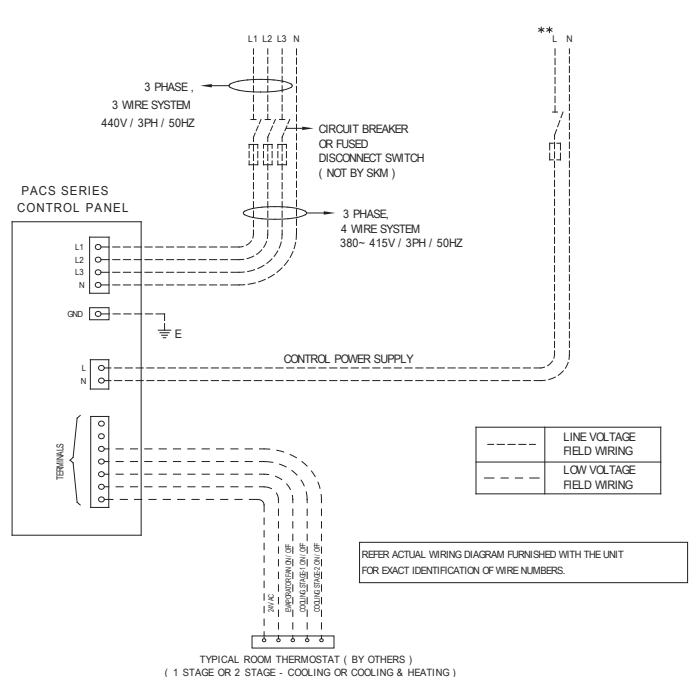
The PACS series is then ready to provide cooling, on demand.

Field Wiring Requirement Schematic

For Units With Four Compressors:



For Units With One or Two Compressors:



---	LINE VOLTAGE FIELD WIRING
---	LOW VOLTAGE FIELD WIRING

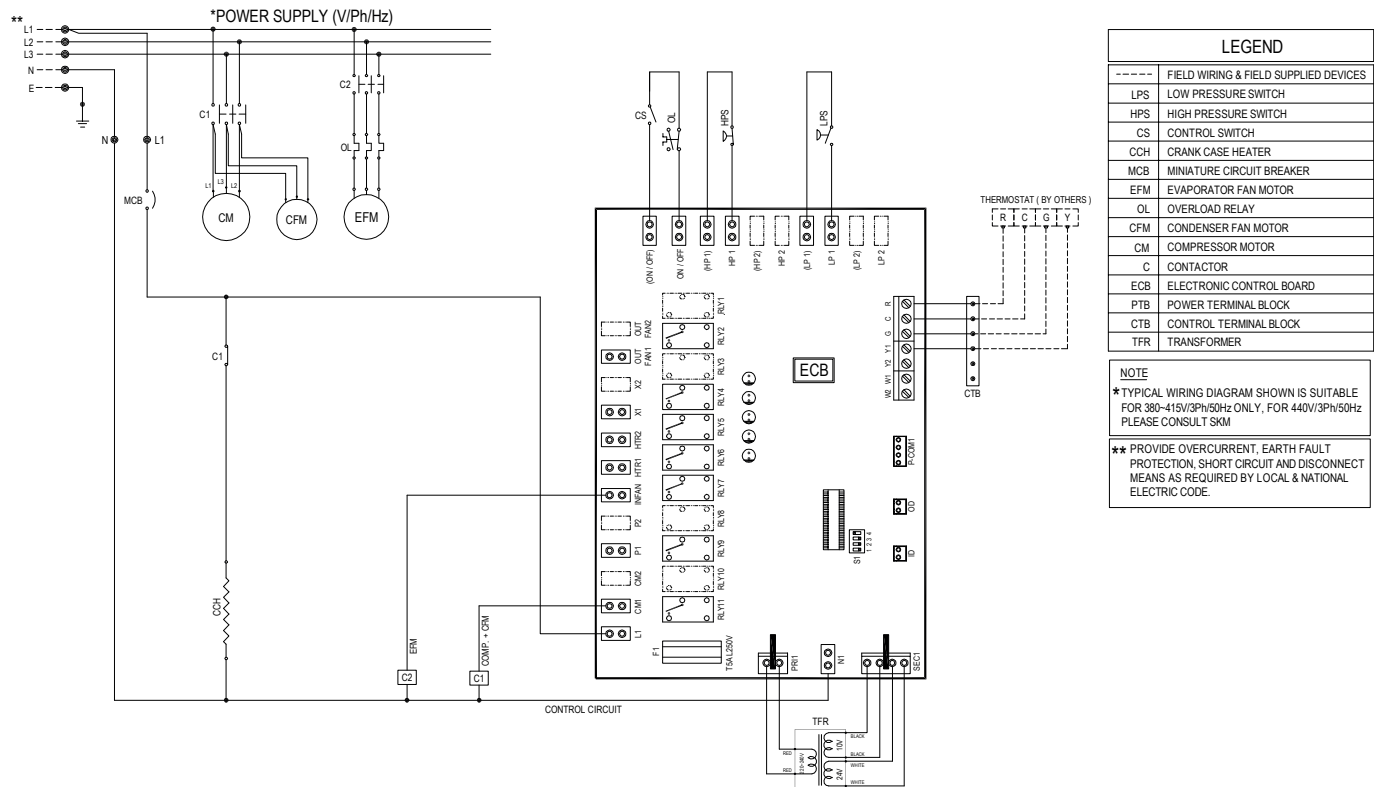
REFER ACTUAL WIRING DIAGRAM FURNISHED WITH THE UNIT FOR EXACT IDENTIFICATION OF WIRE NUMBERS.

****The PACS series units rated for 440V/3Ph/50Hz or power supplies with out neutral require separate source of control power supply through field supplied and installed 15A/220V fused control disconnect switch or order with factory buit in option 'CXT'.**

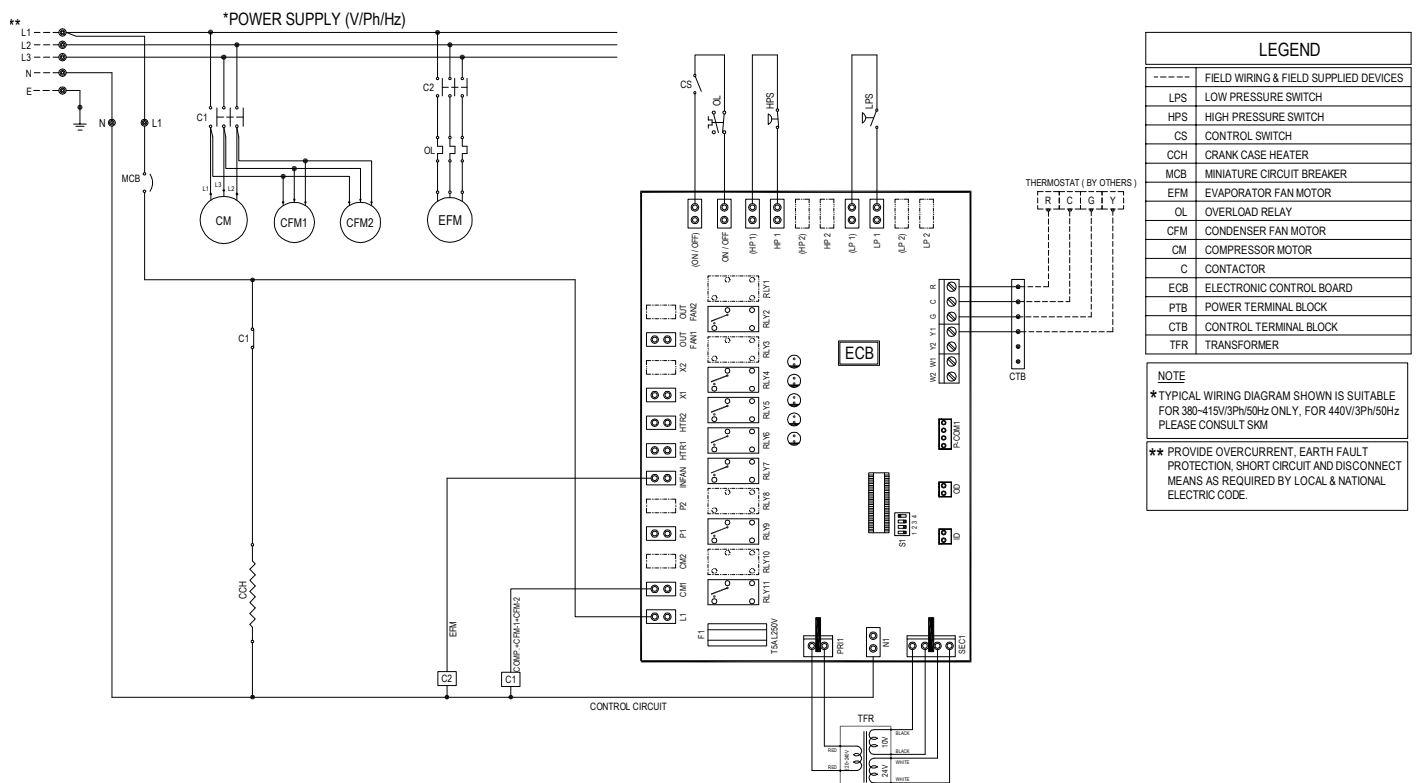
Typical Wiring Diagram

For Units with One Compressor:

PACS Models: 51004



PACS Models: 51005, 51007 & 51008

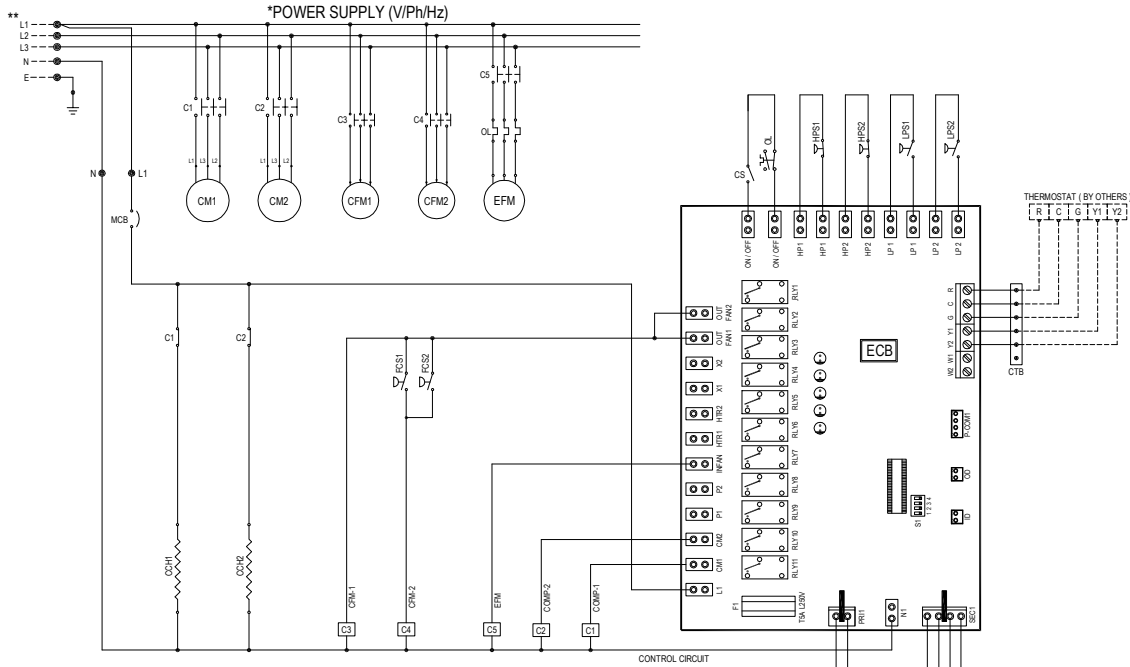




Typical Wiring Diagram

For Units with Two Compressors:

PACS Models: 52010 & 52012

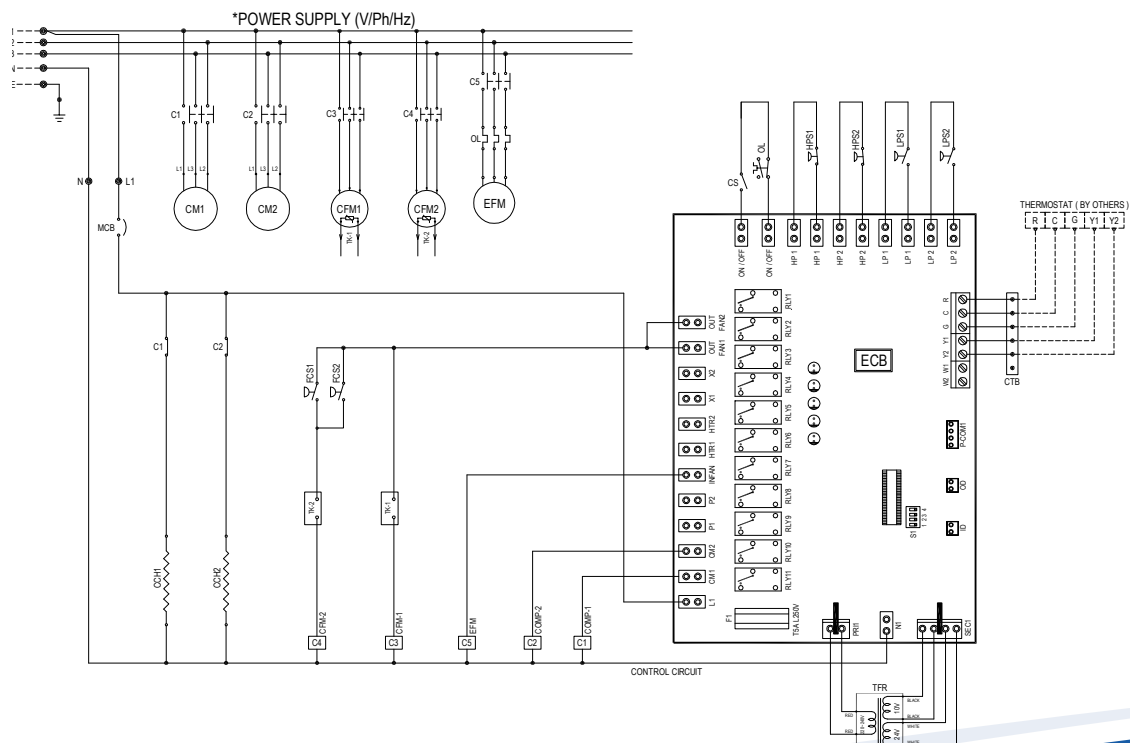


LEGEND	
----	FIELD WIRING & FIELD SUPPLIED DEVICES
LPS	LOW PRESSURE SWITCH
HPS	HIGH PRESSURE SWITCH
CS	CONTROL SWITCH
CCH	CRANK CASE HEATER
MCB	MINIATURE CIRCUIT BREAKER
EFM	EVAPORATOR FAN MOTOR
OL	OVERLOAD RELAY
CFM	CONDENSER FAN MOTOR
CM	COMPRESSOR MOTOR
C	CONTACTOR
ECB	ELECTRONIC CONTROL BOARD
PTB	POWER TERMINAL BLOCK
CTB	CONTROL TERMINAL BLOCK
TFR	TRANSFORMER

NOTE
* TYPICAL WIRING DIAGRAM SHOWN IS SUITABLE FOR 380-415V/3Ph/50Hz ONLY, FOR 440V/3Ph/50Hz PLEASE CONSULT SKM

** PROVIDE OVERCURRENT, EARTH FAULT PROTECTION, SHORT CIRCUIT AND DISCONNECT MEANS AS REQUIRED BY LOCAL & NATIONAL ELECTRIC CODE.

PACS Models: 52013 to 52024



LEGEND	
----	FIELD WIRING & FIELD SUPPLIED DEVICES
LPS	LOW PRESSURE SWITCH
HPS	HIGH PRESSURE SWITCH
CS	CONTROL SWITCH
CCH	CRANK CASE HEATER
MCB	MINIATURE CIRCUIT BREAKER
EFM	EVAPORATOR FAN MOTOR
OL	OVERLOAD RELAY
CFM	CONDENSER FAN MOTOR
CM	COMPRESSOR MOTOR
C	CONTACTOR
ECB	ELECTRONIC CONTROL BOARD
PTB	POWER TERMINAL BLOCK
CTB	CONTROL TERMINAL BLOCK
TFR	TRANSFORMER

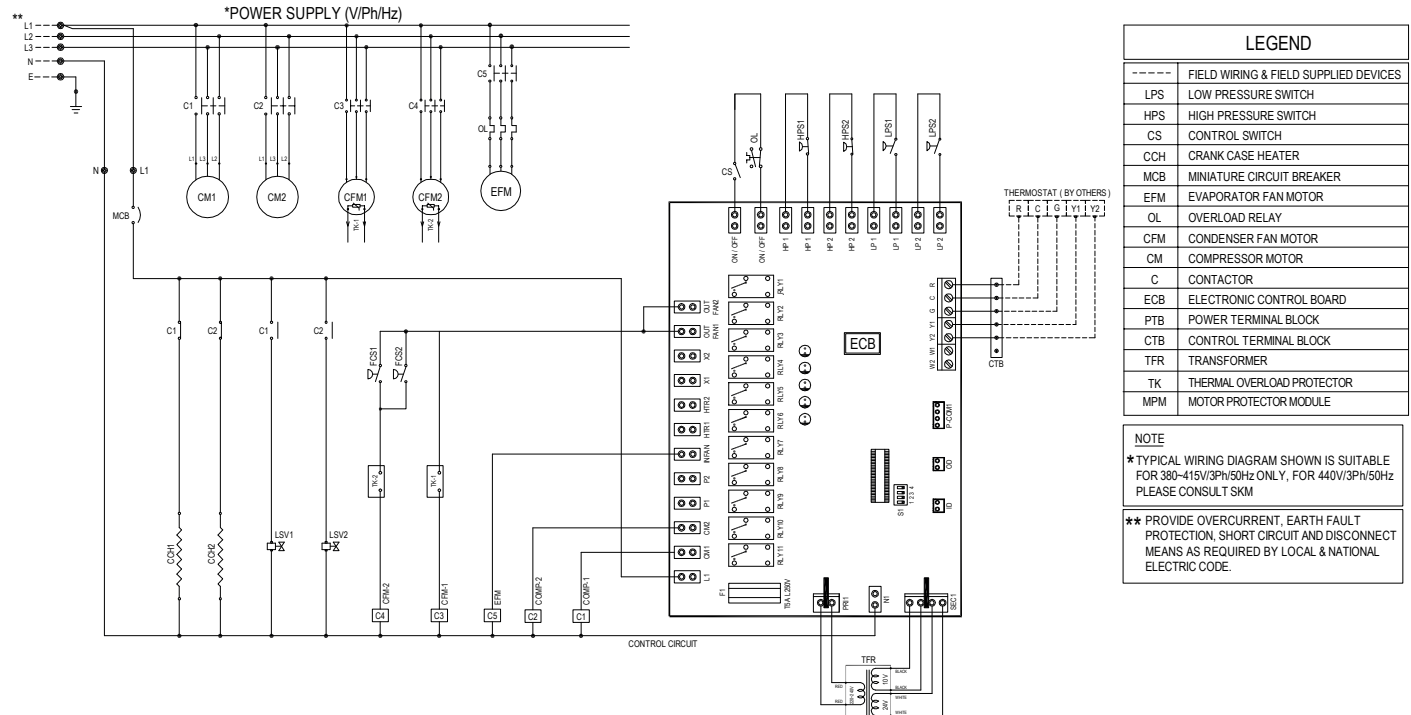
NOTE
* TYPICAL WIRING DIAGRAM SHOWN IS SUITABLE FOR 380-415V/3Ph/50Hz ONLY, FOR 440V/3Ph/50Hz PLEASE CONSULT SKM

** PROVIDE OVERCURRENT, EARTH FAULT PROTECTION, SHORT CIRCUIT AND DISCONNECT MEANS AS REQUIRED BY LOCAL & NATIONAL ELECTRIC CODE.

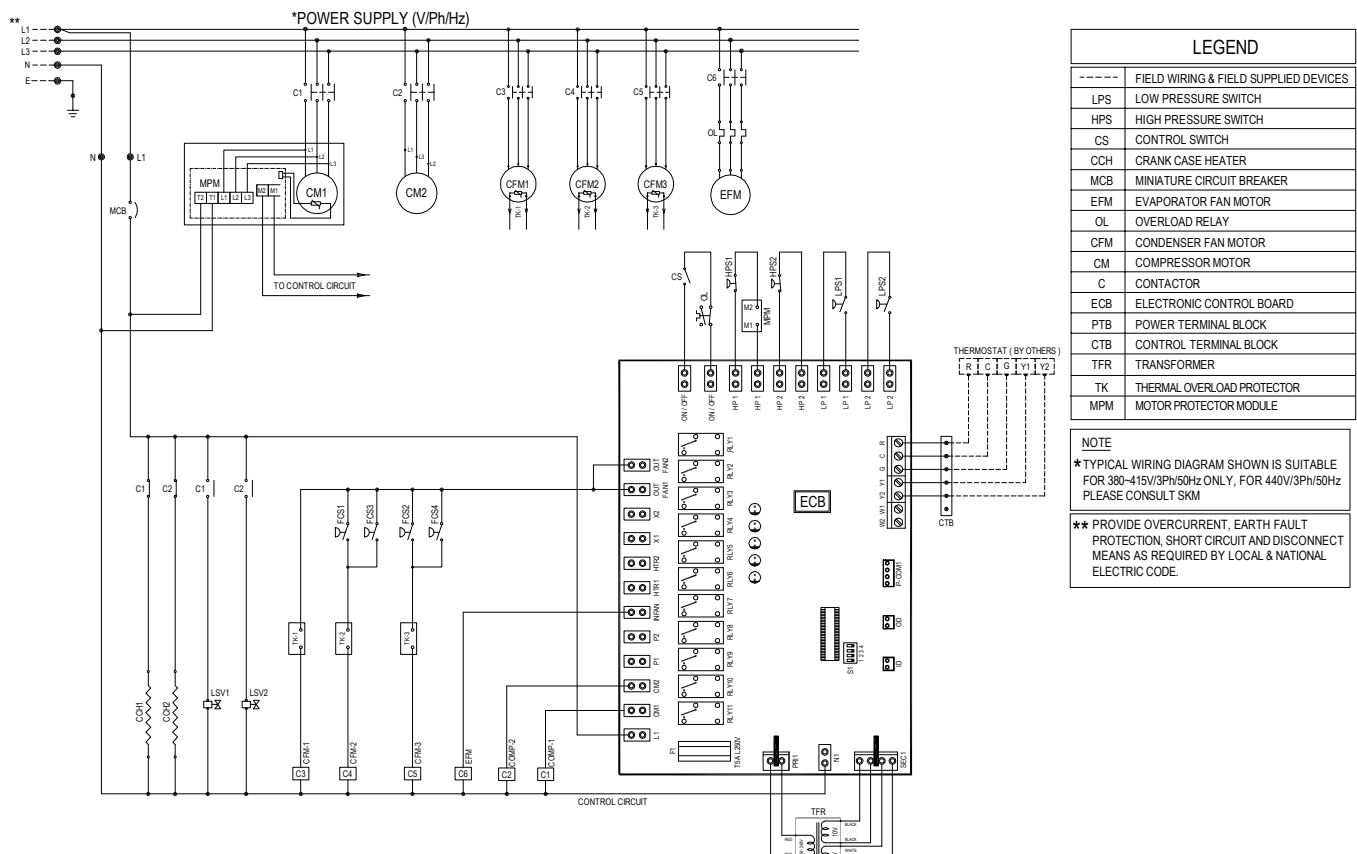
Typical Wiring Diagram

For Units with Two Compressors:

PACS Models: 52025 & 52028



PACS Models: 52034

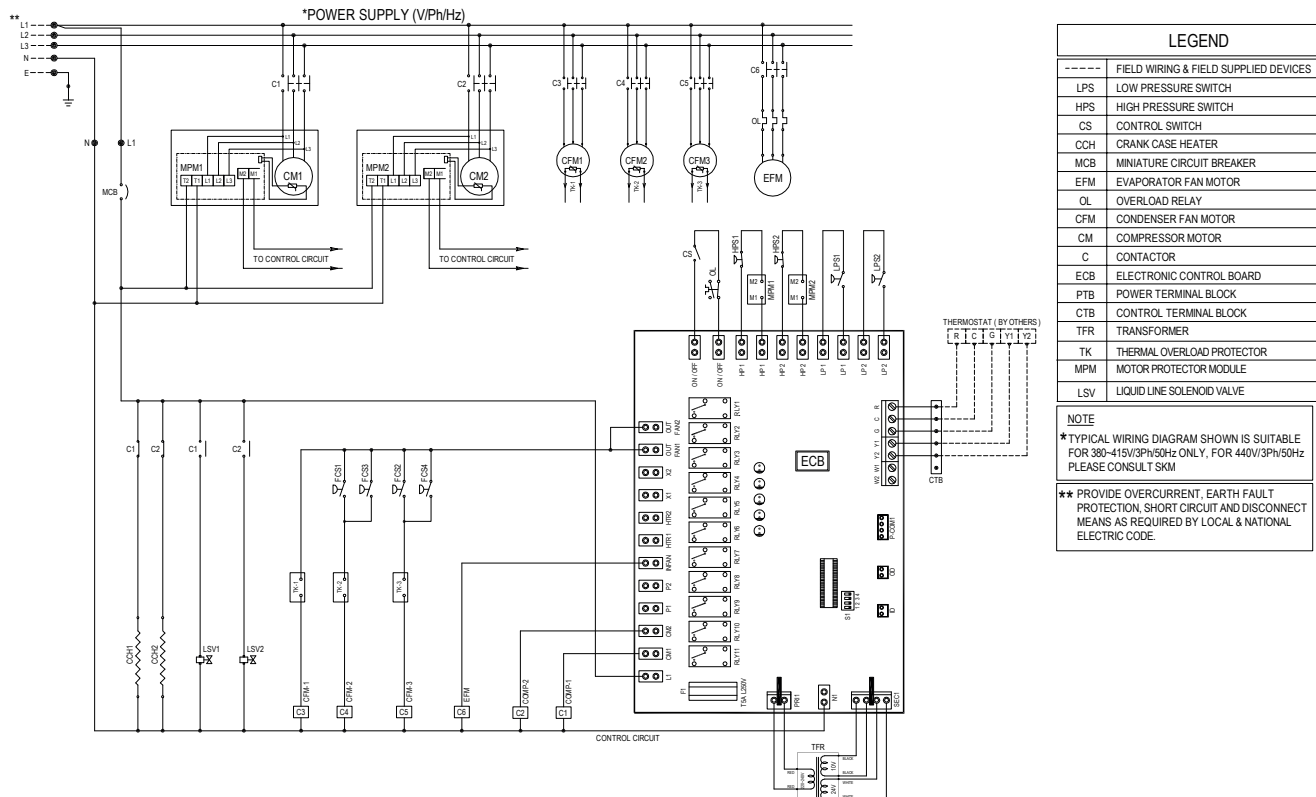




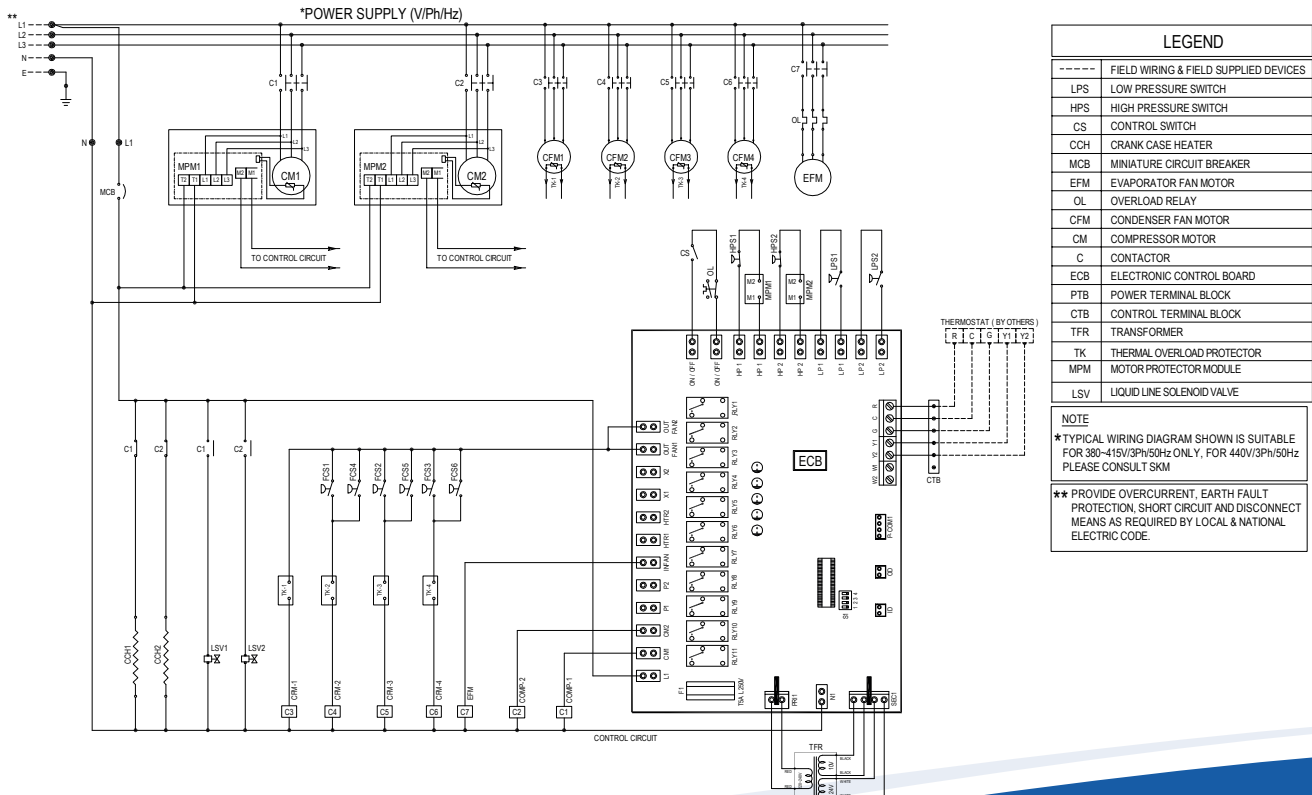
Typical Wiring Diagram

For Units with Two Compressors:

PACS Models: 52039



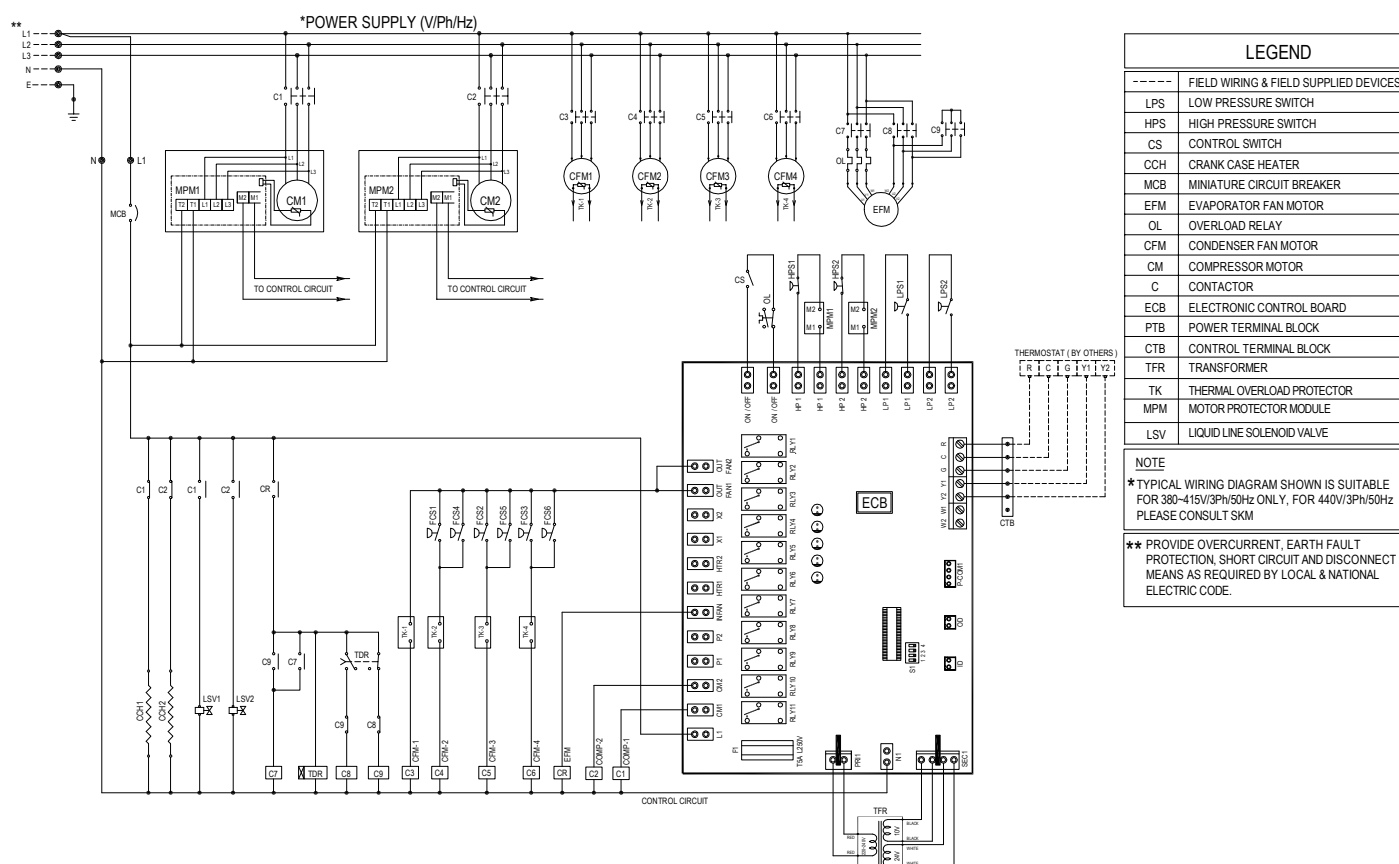
PACS Models: 52045



Typical Wiring Diagram

For Units with Two Compressors:

PACS Models: 52049

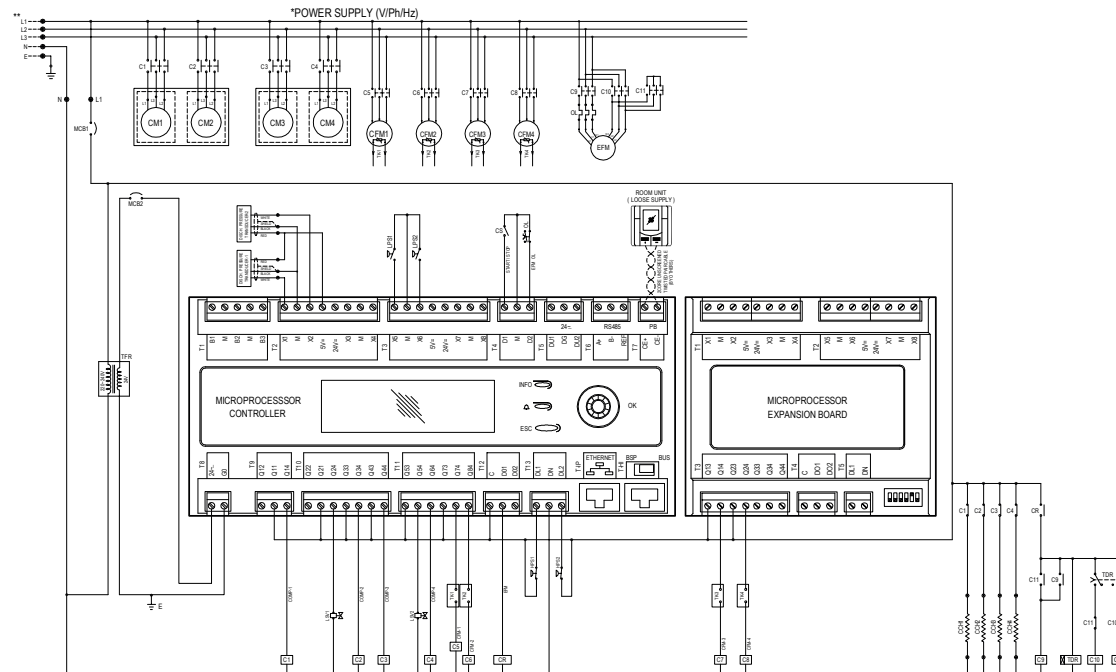




Typical Wiring Diagram

For Units with Four Compressors:

PACS Models: 52052 & 52060



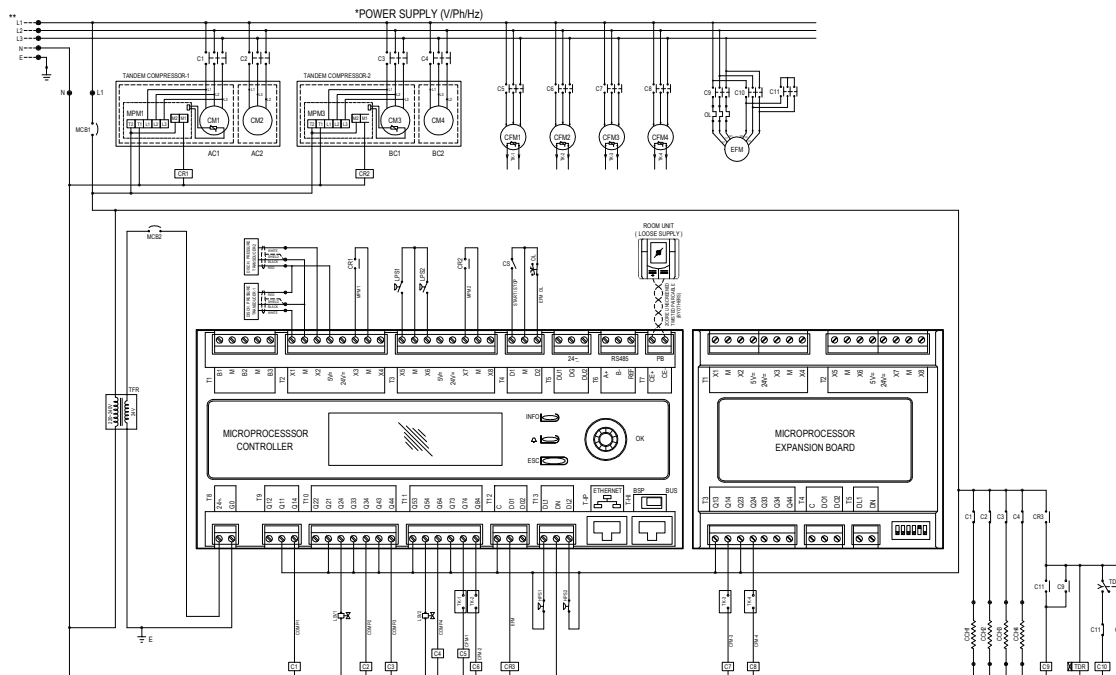
LEGEND	
-----	FIELD WIRING & FIELD SUPPLIED DEVICES
LPS	LOW PRESSURE SWITCH
HPS	HIGH PRESSURE SWITCH
CS	CONTROL SWITCH
CCH	CRANK CASE HEATER
MCB	MINIATURE CIRCUIT BREAKER
EFM	EVAPORATOR FAN MOTOR
OL	OVERLOAD RELAY
CFM	CONDENSER FAN MOTOR
CM	COMPRESSOR MOTOR
C	CONTACTOR
CR	CONTROL RELAY
PTB	POWER TERMINAL BLOCK
CTB	CONTROL TERMINAL BLOCK
TFR	TRANSFORMER
TK	THERMAL OVERLOAD PROTECTOR
MPM	MOTOR PROTECTOR MODULE
LSV	LIQUID LINE SOLENOID VALVE

NOTE

*TYPICAL WIRING DIAGRAM SHOWN IS SUITABLE FOR 380-415V/3Ph/50Hz ONLY, FOR 440V/3Ph/50Hz PLEASE CONSULT SKM

** PROVIDE OVERCURRENT, EARTH FAULT PROTECTION, SHORT CIRCUIT AND DISCONNECT MEANS AS REQUIRED BY LOCAL & NATIONAL ELECTRIC CODE.

PACS Models: 52065



LEGEND	
-----	FIELD WIRING & FIELD SUPPLIED DEVICES
LPS	LOW PRESSURE SWITCH
HPS	HIGH PRESSURE SWITCH
CS	CONTROL SWITCH
CCH	CRANK CASE HEATER
MCB	MINIATURE CIRCUIT BREAKER
EFM	EVAPORATOR FAN MOTOR
OL	OVERLOAD RELAY
CFM	CONDENSER FAN MOTOR
CM	COMPRESSOR MOTOR
C	CONTACTOR
CR	CONTROL RELAY
PTB	POWER TERMINAL BLOCK
CTB	CONTROL TERMINAL BLOCK
TFR	TRANSFORMER
TK	THERMAL OVERLOAD PROTECTOR
MPM	MOTOR PROTECTOR MODULE
LSV	LIQUID LINE SOLENOID VALVE

NOTE

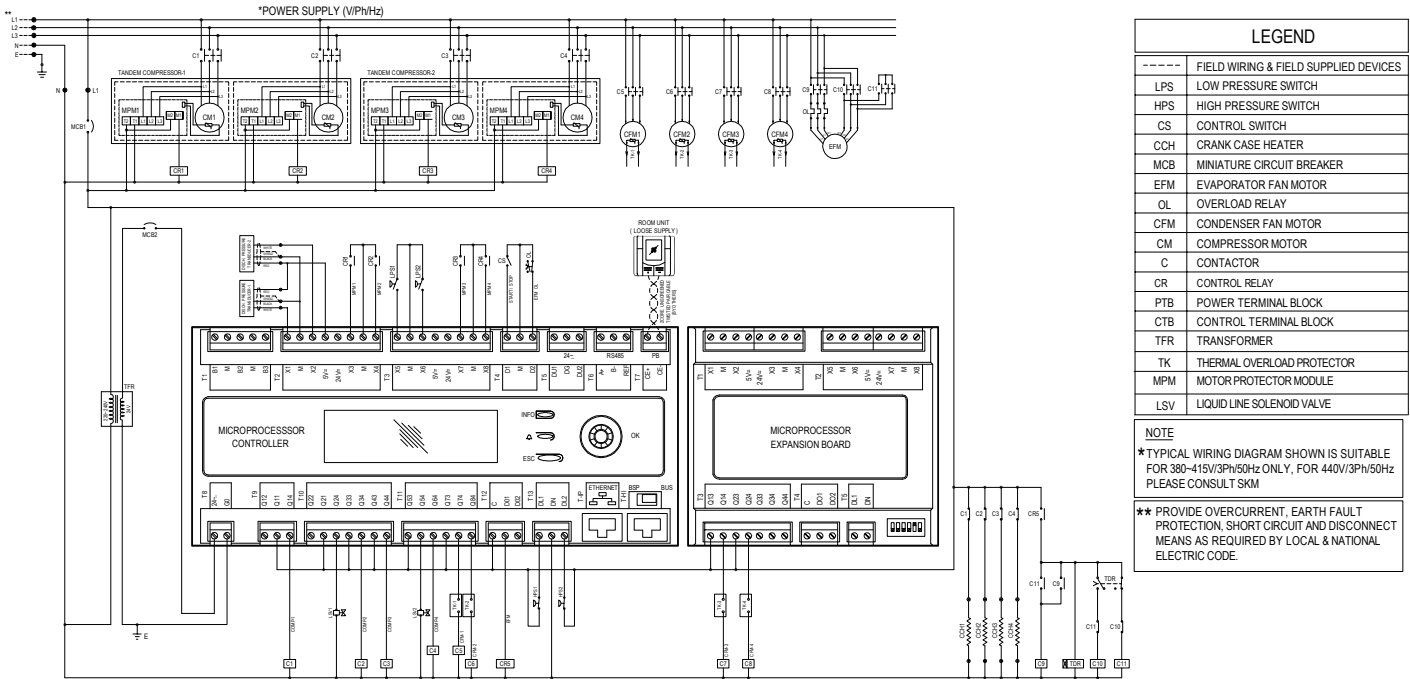
*TYPICAL WIRING DIAGRAM SHOWN IS SUITABLE FOR 380-415V/3Ph/50Hz ONLY, FOR 440V/3Ph/50Hz PLEASE CONSULT SKM

** PROVIDE OVERCURRENT, EARTH FAULT PROTECTION, SHORT CIRCUIT AND DISCONNECT MEANS AS REQUIRED BY LOCAL & NATIONAL ELECTRIC CODE.

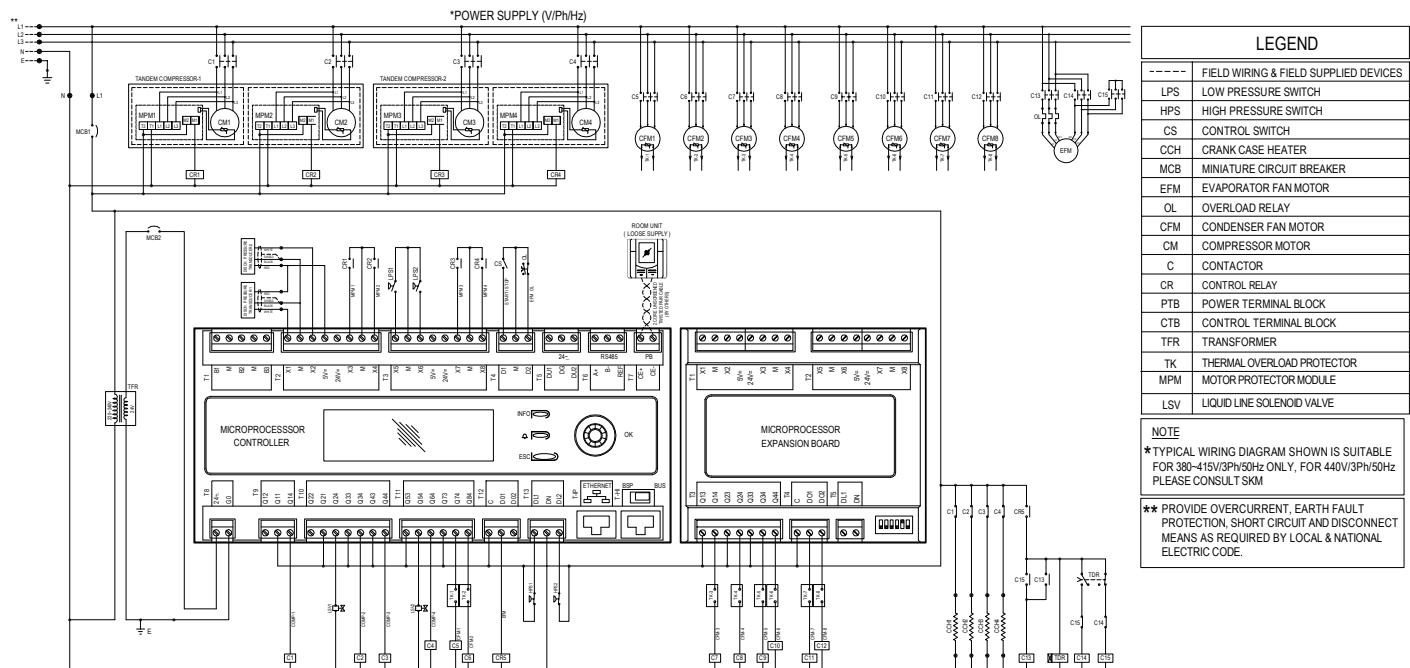
Typical Wiring Diagram

For Units with Four Compressors:

PACS Models: 52070



PACS Models: 52080 to 52095

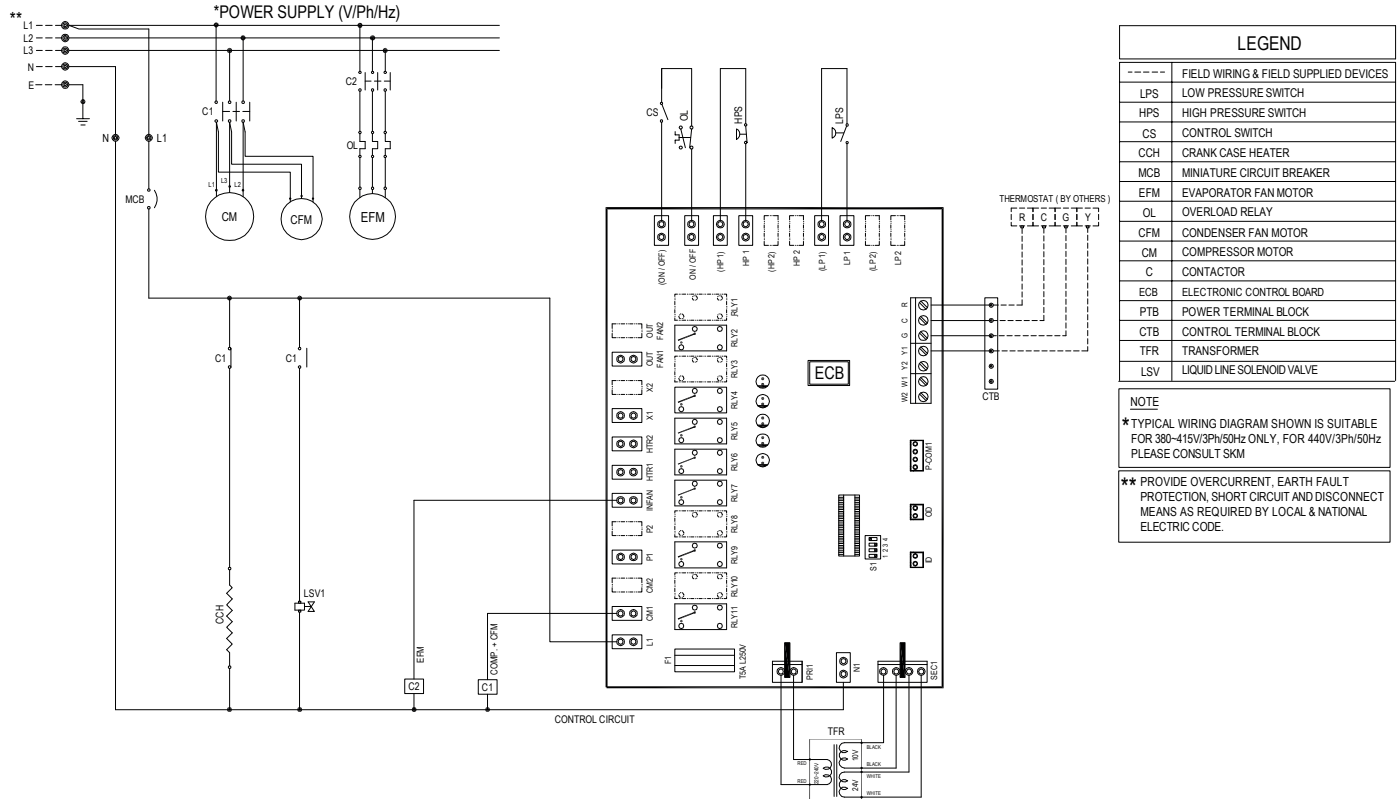




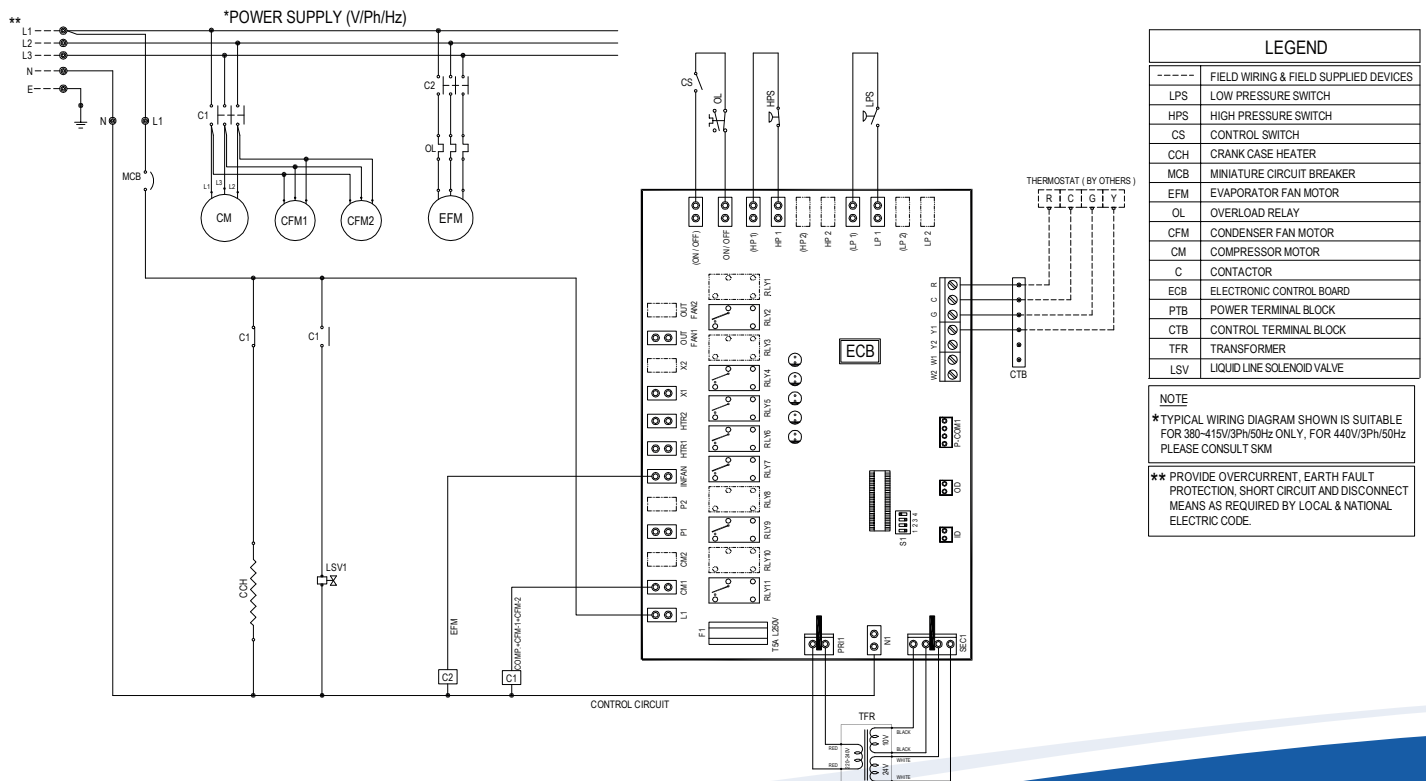
Typical Wiring Diagram (HIGH EFFICIENCY)

For Units with One Compressor:

PACS Models: 51004 G



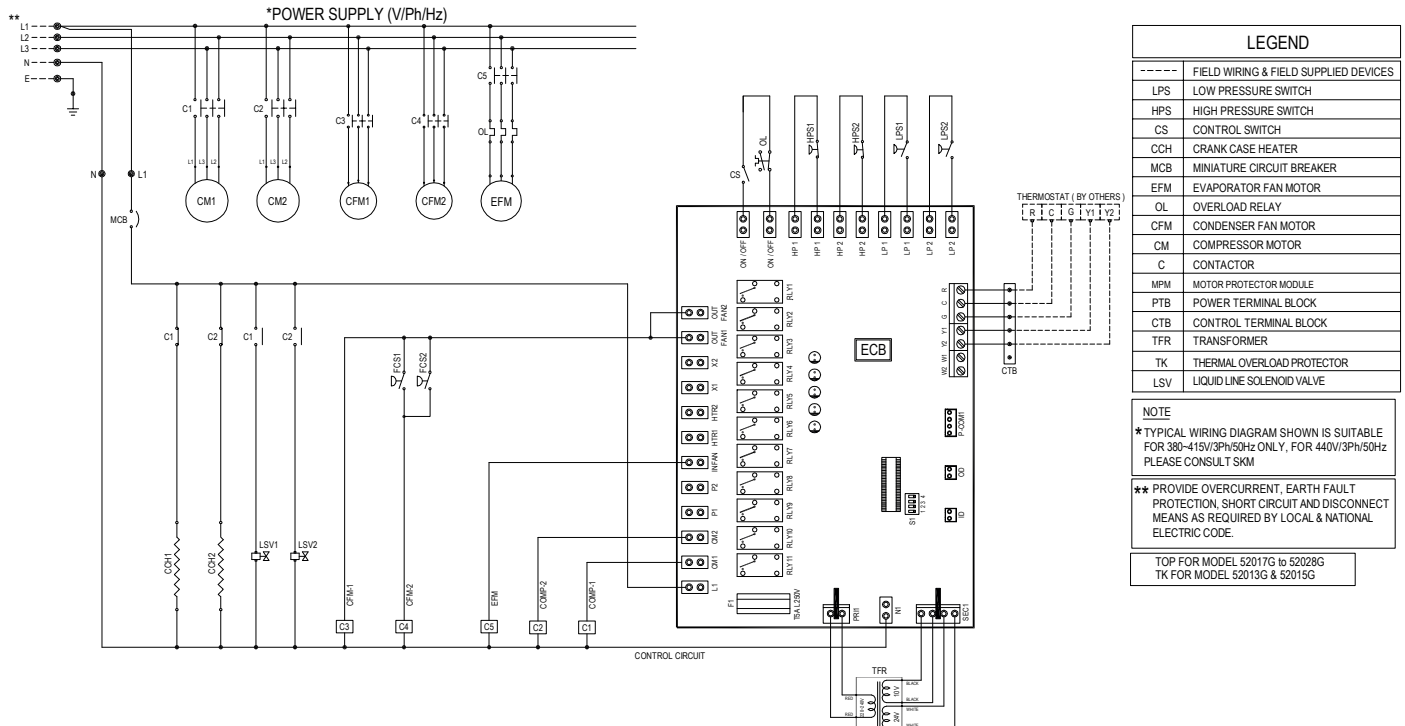
PACS Models: 51005 G, 51007 G & 51008 G



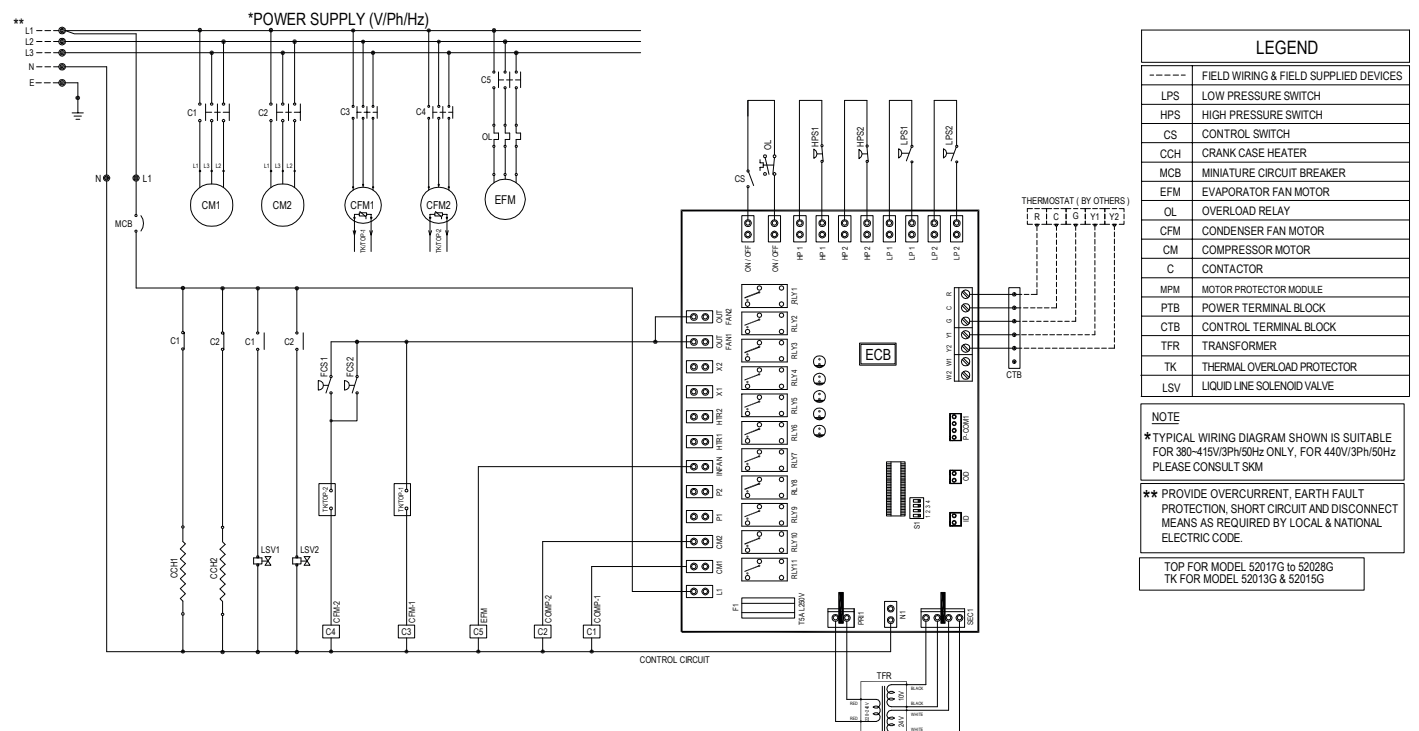
Typical Wiring Diagram (HIGH EFFICIENCY)

For Units with Two Compressors:

PACS Models: 52010G & 52012G



PACS Models: 52013G to 52028G

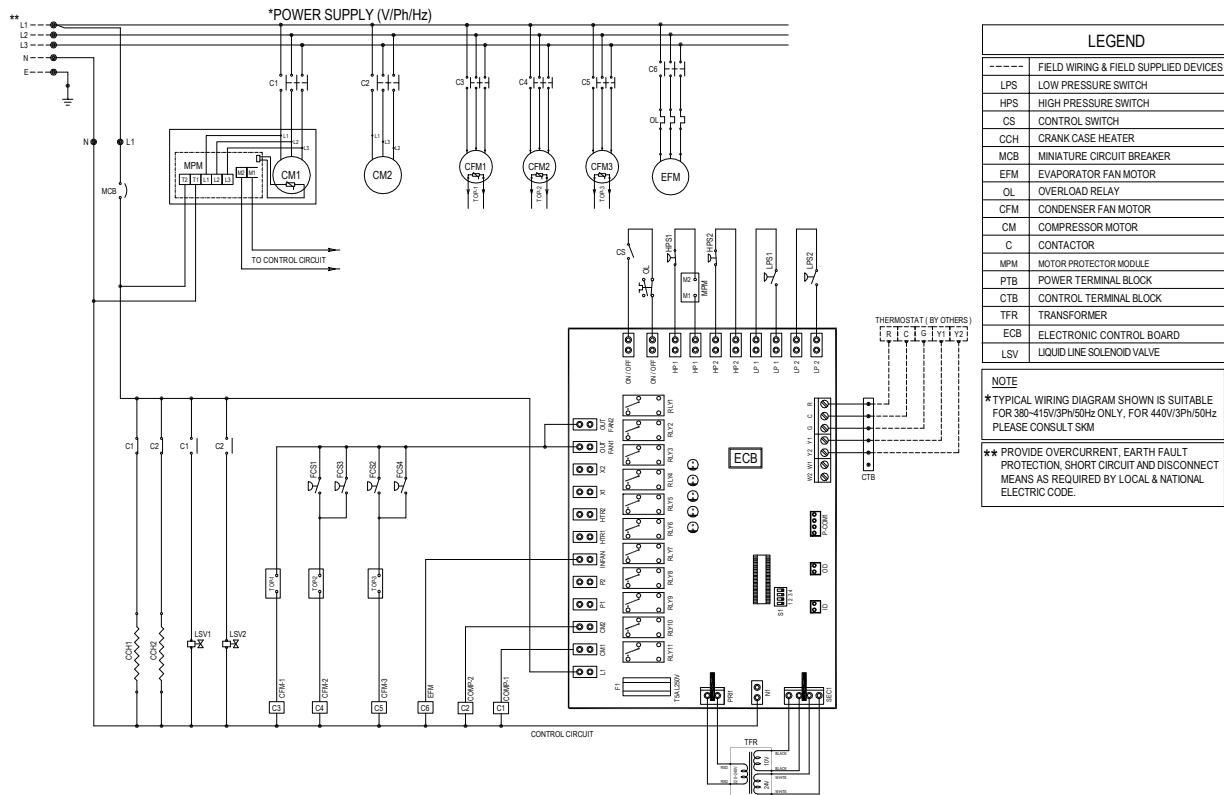




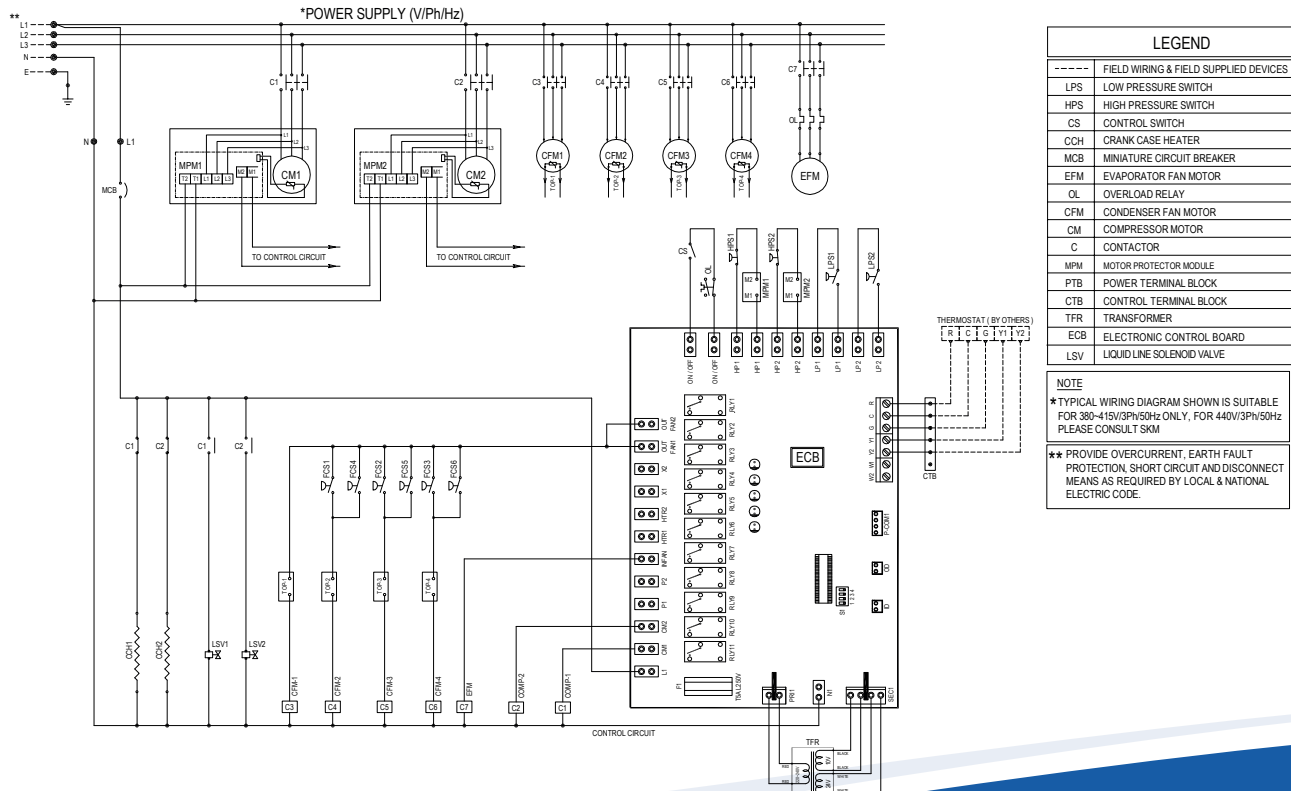
Typical Wiring Diagram (HIGH EFFICIENCY)

For Units with Two Compressors:

PACS Model: 52034 G



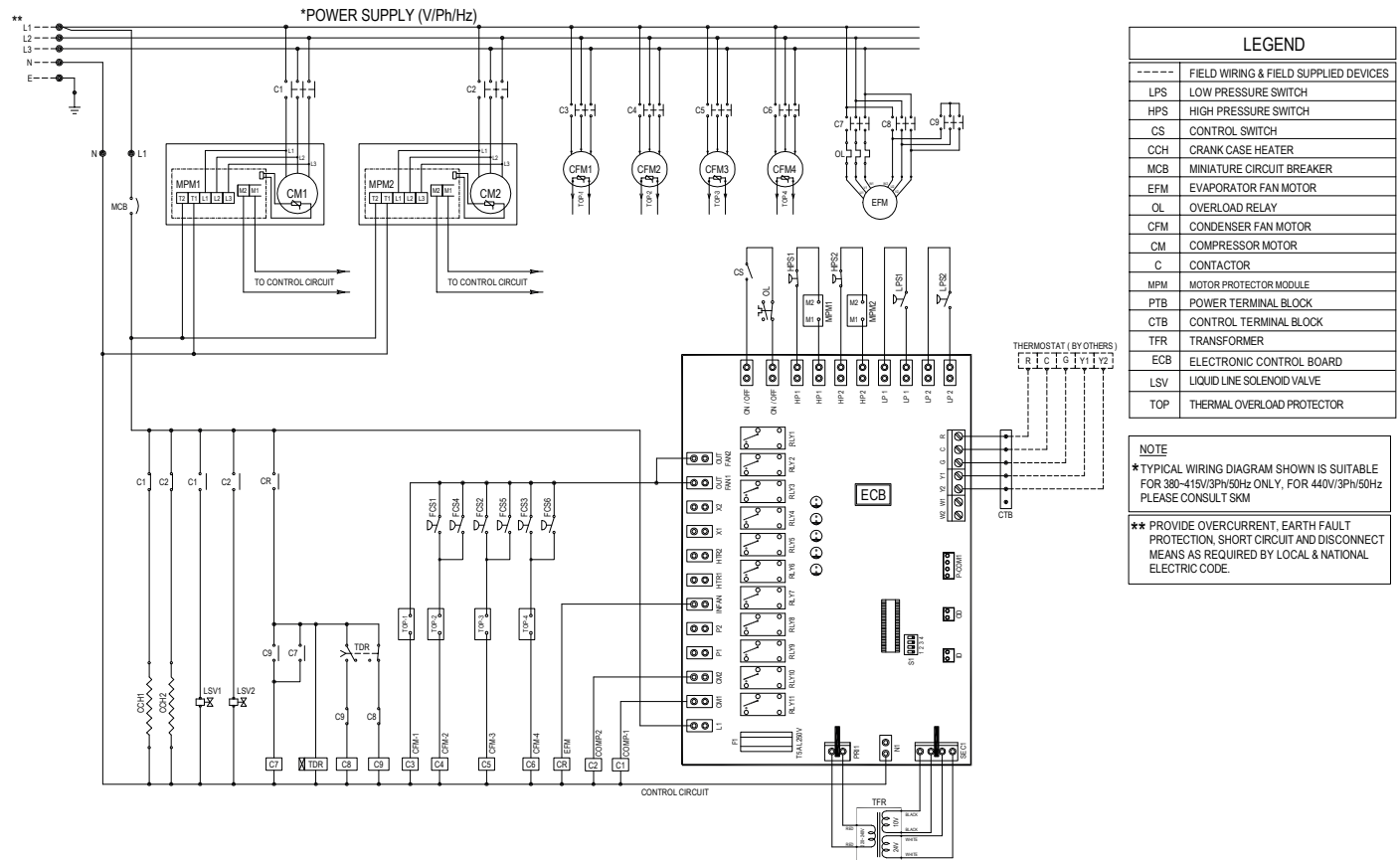
PACS Models: 52039 G & 52045 G



Typical Wiring Diagram (HIGH EFFICIENCY)

For Units with Two Compressors:

PACS Models: 52049 G

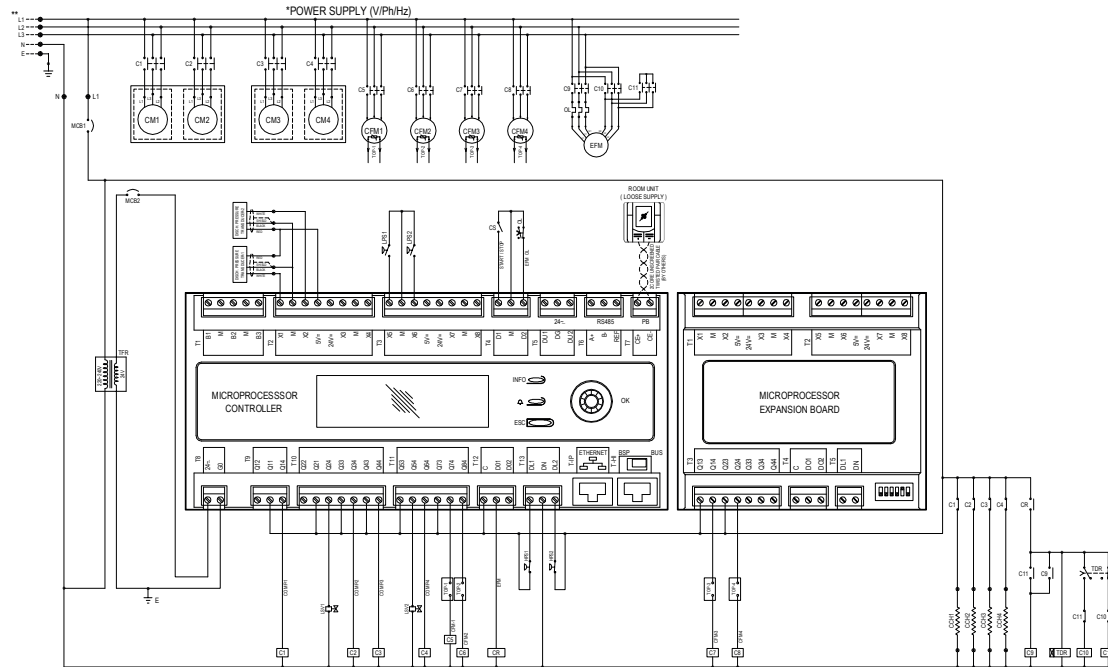




Typical Wiring Diagram (HIGH EFFICIENCY)

For Units with Four Compressors:

PACS Models: 52052G & 52060G

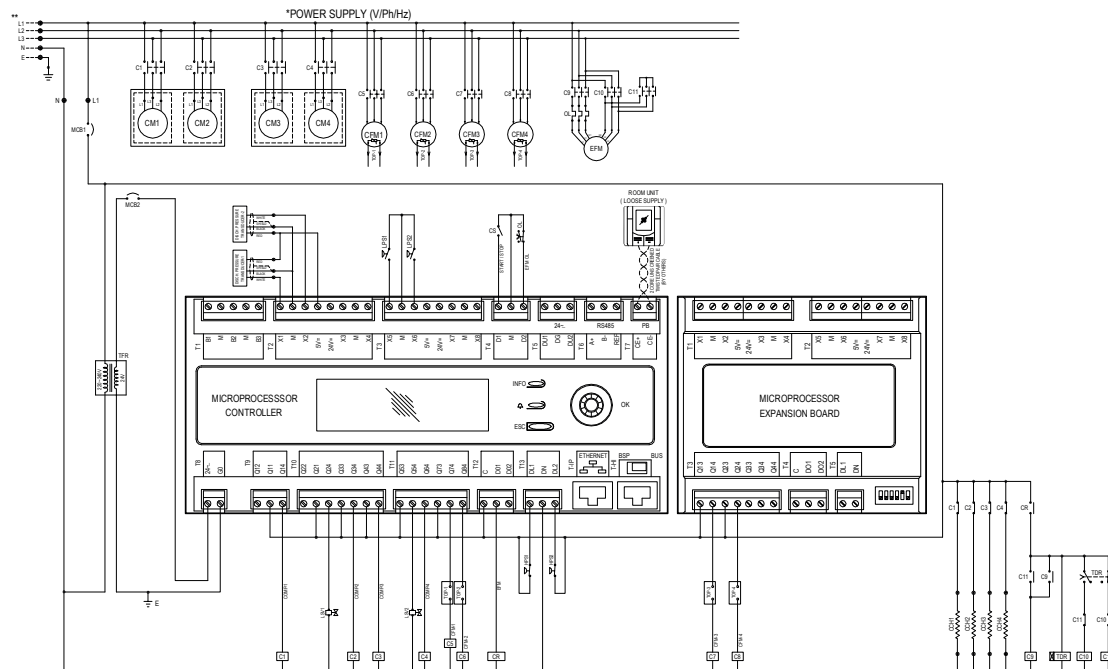


LEGEND	
----	FIELD WIRING & FIELD SUPPLIED DEVICES
LPS	LOW PRESSURE SWITCH
HPS	HIGH PRESSURE SWITCH
CS	CONTROL SWITCH
CCH	CRANK CASE HEATER
MCB	MINIATURE CIRCUIT BREAKER
EFM	EVAPORATOR FAN MOTOR
OL	OVERLOAD RELAY
CFM	CONDENSER FAN MOTOR
CM	COMPRESSOR MOTOR
C	CONTACTOR
CR	CONTROL RELAY
MPM	MOTOR PROTECTOR MODULE
PTB	POWER TERMINAL BLOCK
CTB	CONTROL TERMINAL BLOCK
TFR	TRANSFORMER
LSV	LIQUID LINE SOLENOID VALVE
TOP	THERMAL OVERLOAD PROTECTOR

NOTE
*TYPICAL WIRING DIAGRAM SHOWN IS SUITABLE FOR 380-415V/3Ph/50Hz ONLY, FOR 440V/3Ph/50Hz PLEASE CONSULT SKM

**** PROVIDE OVERCURRENT, EARTH FAULT PROTECTION, SHORT CIRCUIT AND DISCONNECT MEANS AS REQUIRED BY LOCAL & NATIONAL ELECTRIC CODE.**

PACS Models: 52065 G



LEGEND	
----	FIELD WIRING & FIELD SUPPLIED DEVICES
LPS	LOW PRESSURE SWITCH
HPS	HIGH PRESSURE SWITCH
CS	CONTROL SWITCH
CCH	CRANK CASE HEATER
MCB	MINIATURE CIRCUIT BREAKER
EFM	EVAPORATOR FAN MOTOR
OL	OVERLOAD RELAY
CFM	CONDENSER FAN MOTOR
CM	COMPRESSOR MOTOR
C	CONTACTOR
CR	CONTROL RELAY
MPM	MOTOR PROTECTOR MODULE
PTB	POWER TERMINAL BLOCK
CTB	CONTROL TERMINAL BLOCK
TFR	TRANSFORMER
LSV	LIQUID LINE SOLENOID VALVE
TOP	THERMAL OVERLOAD PROTECTOR

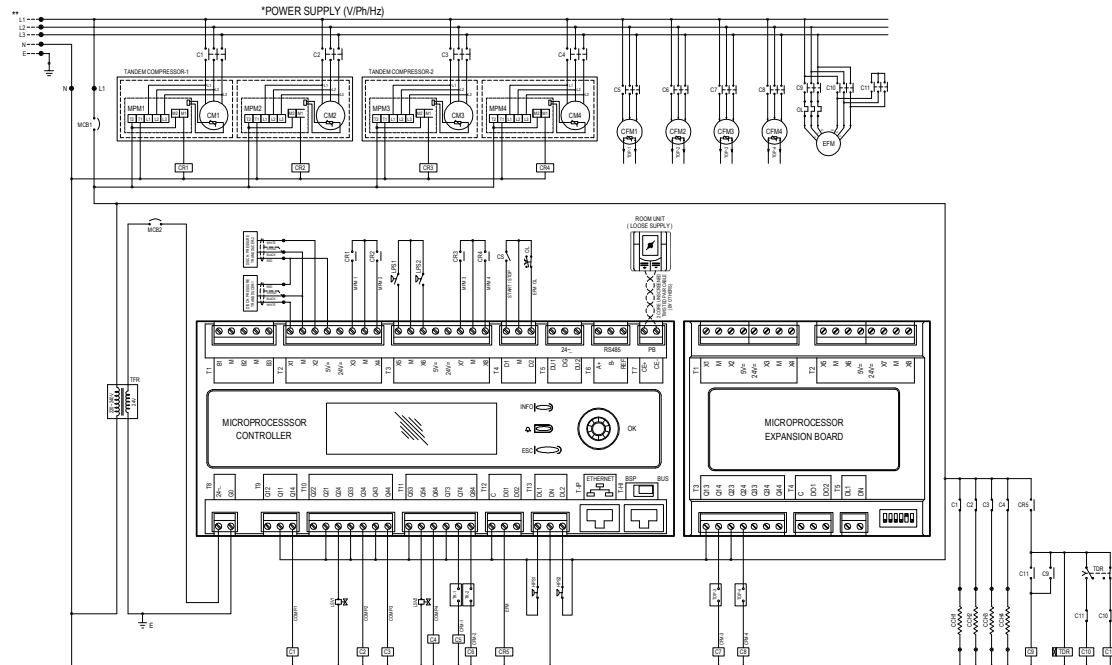
NOTE
*TYPICAL WIRING DIAGRAM SHOWN IS SUITABLE FOR 380-415V/3Ph/50Hz ONLY, FOR 440V/3Ph/50Hz PLEASE CONSULT SKM

**** PROVIDE OVERCURRENT, EARTH FAULT PROTECTION, SHORT CIRCUIT AND DISCONNECT MEANS AS REQUIRED BY LOCAL & NATIONAL ELECTRIC CODE.**

Typical Wiring Diagram (HIGH EFFICIENCY)

For Units with Four Compressors:

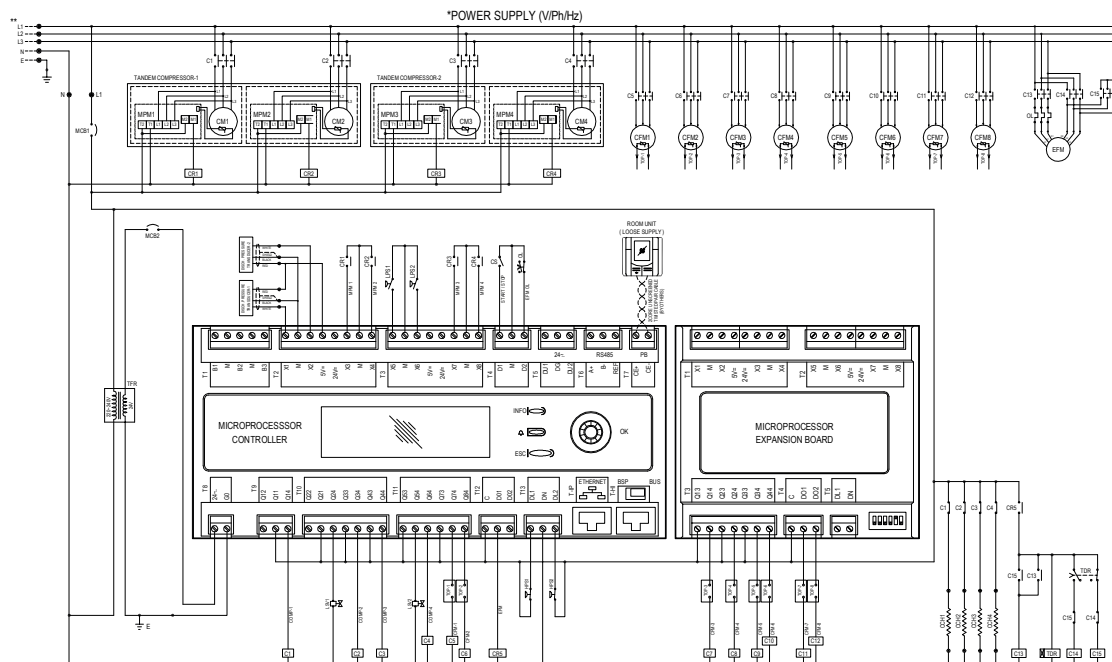
PACS Models: 52070G



LEGEND	
----	FIELD WIRING & FIELD SUPPLIED DEVICES
LPS	LOW PRESSURE SWITCH
HPS	HIGH PRESSURE SWITCH
CS	CONTROL SWITCH
CCH	CRANK CASE HEATER
MCB	MINIATURE CIRCUIT BREAKER
EFM	EVAPORATOR FAN MOTOR
OL	OVERLOAD RELAY
CFM	CONDENSER FAN MOTOR
CM	COMPRESSOR MOTOR
C	CONTACTOR
CR	CONTROL RELAY
MPM	MOTOR PROTECTOR MODULE
PTB	POWER TERMINAL BLOCK
CTB	CONTROL TERMINAL BLOCK
TFR	TRANSFORMER
LSV	LIQUID LINE SOLENOID VALVE
TOP	THERMAL OVERLOAD PROTECTOR

NOTE
 *TYPICAL WIRING DIAGRAM SHOWN IS SUITABLE FOR 380-415V/3Ph/50Hz ONLY, FOR 440V/3Ph/50Hz PLEASE CONSULT SKM
 ** PROVIDE OVERCURRENT, EARTH FAULT PROTECTION, SHORT CIRCUIT AND DISCONNECT MEANS AS REQUIRED BY LOCAL & NATIONAL ELECTRIC CODE.

PACS Models: 52080 G to 52095 G

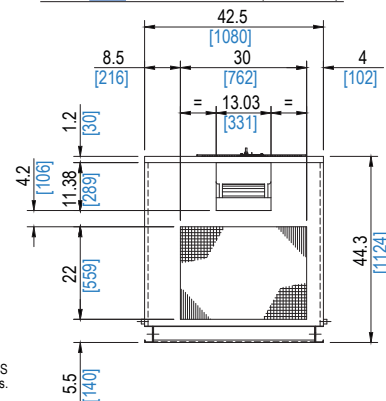
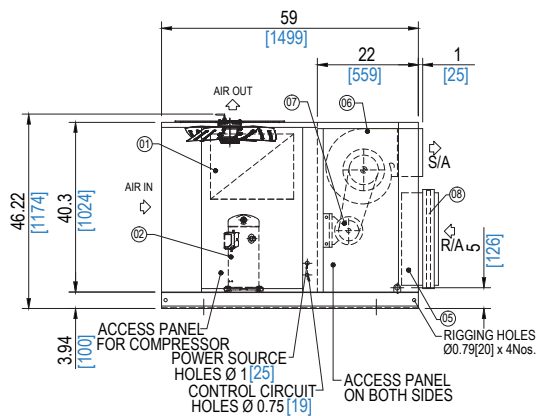
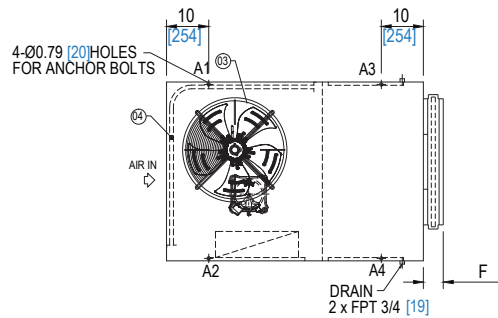


LEGEND	
----	FIELD WIRING & FIELD SUPPLIED DEVICES
LPS	LOW PRESSURE SWITCH
HPS	HIGH PRESSURE SWITCH
CS	CONTROL SWITCH
CCH	CRANK CASE HEATER
MCB	MINIATURE CIRCUIT BREAKER
EFM	EVAPORATOR FAN MOTOR
OL	OVERLOAD RELAY
CFM	CONDENSER FAN MOTOR
CM	COMPRESSOR MOTOR
C	CONTACTOR
CR	CONTROL RELAY
MPM	MOTOR PROTECTOR MODULE
PTB	POWER TERMINAL BLOCK
CTB	CONTROL TERMINAL BLOCK
TFR	TRANSFORMER
LSV	LIQUID LINE SOLENOID VALVE
TOP	THERMAL OVERLOAD PROTECTOR

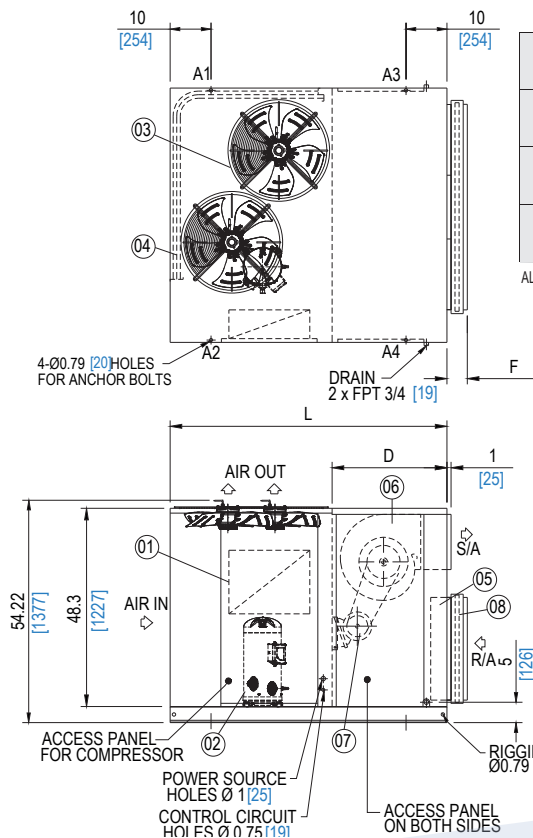
NOTE
 *TYPICAL WIRING DIAGRAM SHOWN IS SUITABLE FOR 380-415V/3Ph/50Hz ONLY, FOR 440V/3Ph/50Hz PLEASE CONSULT SKM
 ** PROVIDE OVERCURRENT, EARTH FAULT PROTECTION, SHORT CIRCUIT AND DISCONNECT MEANS AS REQUIRED BY LOCAL & NATIONAL ELECTRIC CODE.

Dimensional Data

PACS Models: 51004



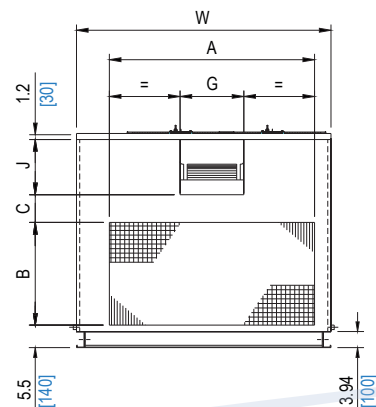
PACS Models: 51005 to 51008



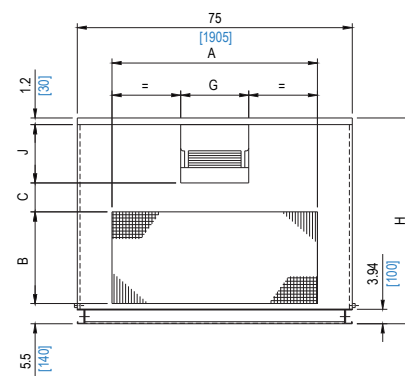
MODEL PACS	DIMENSIONS							
	L	W	A	B	C	D	J	G
51005	61.5 [1562]	50.6 [1285]	30 [762]	22 [559]	12.2 [309]	22 [559]	11.38 [289]	13.03 [331]
51007	61.5 [1562]	50.6 [1285]	38.6 [980]	24 [610]	10.2 [258]	22 [559]	11.38 [289]	13.03 [331]
51008	67.5 [1714]	50.6 [1285]	38.6 [980]	24 [610]	8.1 [207]	28 [711]	13.43 [341]	15.55 [395]

ALL DIMENSIONS ARE IN INCHES[mm]

Table 28



PACS Models - 52010 & 52012

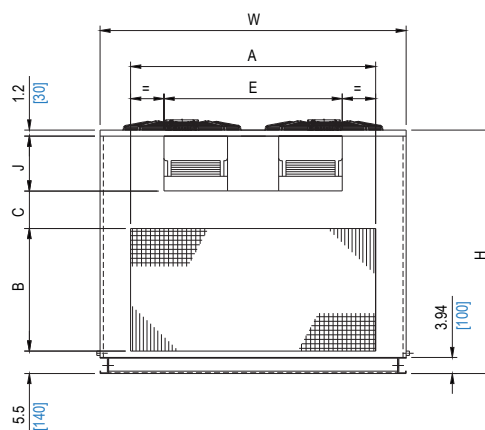


The technical drawings include the following dimensions and callouts:

- Top View (Front View):**
 - Overall width: 10 [254]
 - Distance between fan centers: 4-Ø0.79 [20] HOLES FOR ANCHOR BOLTS
 - Callouts: 01, 03, 04, A1, A2, A3, A4
 - Drain specification: DRAIN 2 x FPT 1 [25]
 - Label: F
- Side View:**
 - Overall length: L
 - Overall height: 62.14 [1578]
 - Height to top of condenser coils: 48.3 [1227]
 - AIR IN (indicated by a diamond symbol)
 - AIR OUT (indicated by a diamond symbol)
 - Callouts: 02, 05, 06, 07, 08
 - Labels: S/A, R/A
 - Height to top of access panel: 5 [126]
 - Label: A
- Access Panel Details:**
 - RIGGING HOLES Ø0.79 [20] x 4Nos.
 - ACCESS PANEL ON BOTH SIDES

ALL DIMENSIONS ARE IN INCHES (mm)

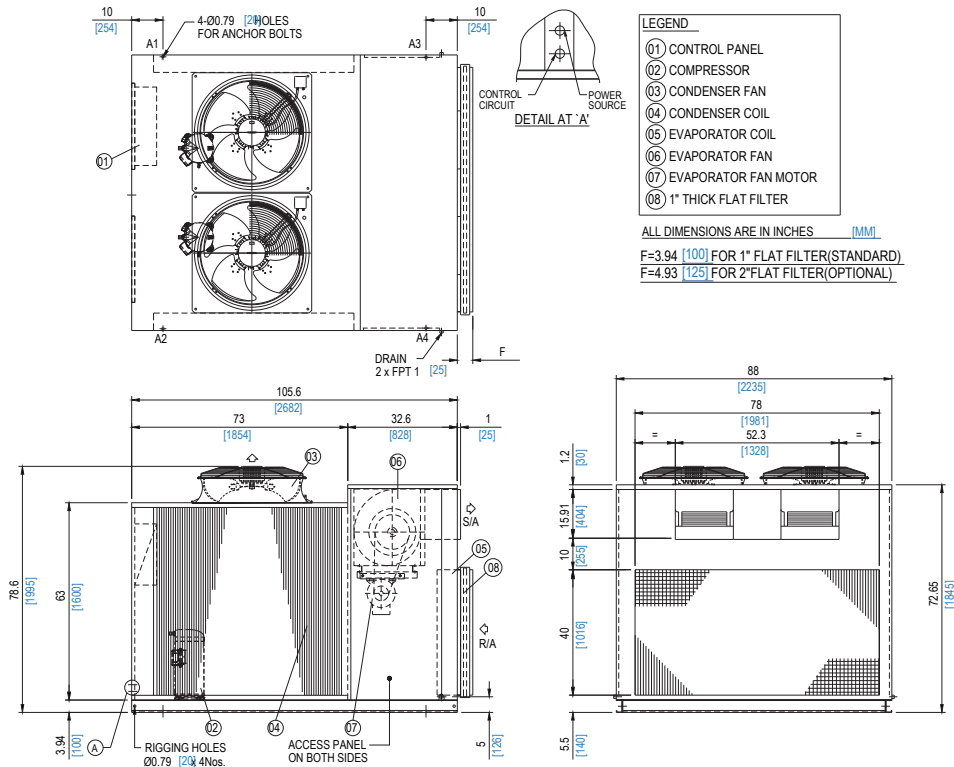
Table 30





Dimensional Data

PACS Models: 52025 & 52028



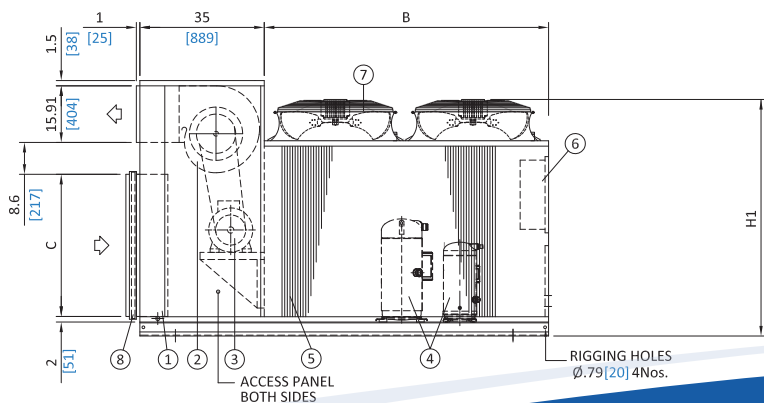
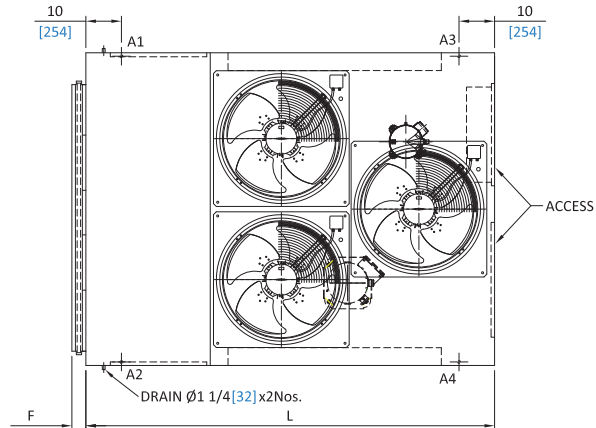
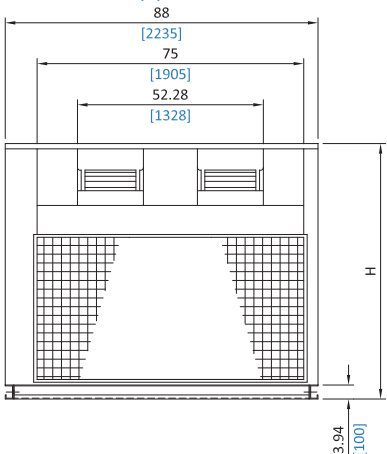
PACS Models: 52034 to 52039

- LEGEND**
- 1 EVAPORATOR COIL
 - 2 EVAPORATOR FAN
 - 3 EVAPORATOR FAN MOTOR
 - 4 COMPRESSOR
 - 5 CONDENSER COIL
 - 6 CONTROL PANEL
 - 7 CONDENSER FAN
 - 8 1" THICK FLAT FILTER
- ALL DIMENSIONS ARE IN INCHES [MM]
- F=4.72 [120] FOR 1" FLAT FILTER (STANDARD)
F=5.7 [145] FOR 2" FLAT FILTER (OPTIONAL)
- * FOR MODEL 52039 CONTROL PANEL LHS FROM BACK SIDE

Table 31

MODEL PACS	L	H	H1	B	C
52034	115 [2921]	71.88 [1826]	66.6 [1690]	80 [2032]	40 [1016]
52039	115 [2921]	76.88 [1953]	76.6 [1955]	80 [2032]	45 [1143]

ALL DIMENSIONS ARE IN INCHES [mm]



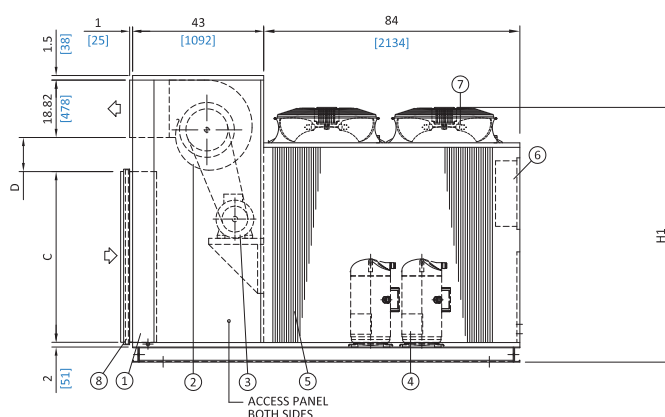
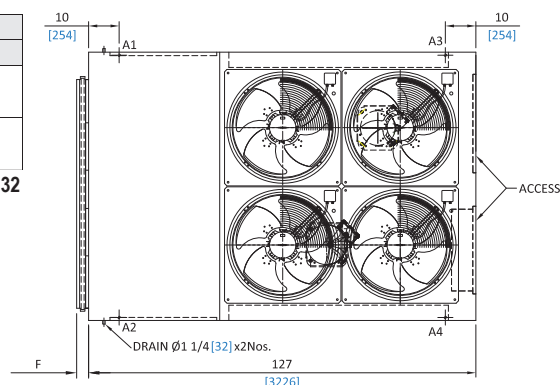
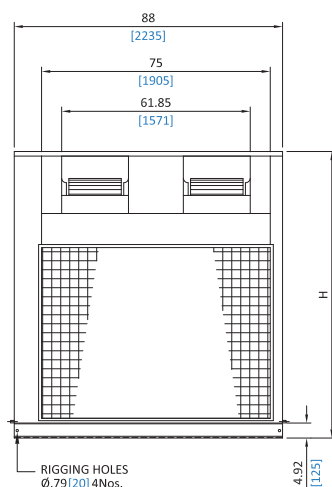
Dimensional Data

PACS Models - 52045 & 52049

MODEL PACS	DIMENSIONS			
	H	H1	C	D
52045	93.98 [2387]	83.5 [2122]	56 [1422]	10.8 [273]
52049	99.24 [2521]	91.5 [2325]	66 [1676]	6 [153]

ALL DIMENSIONS ARE IN INCHES[mm]

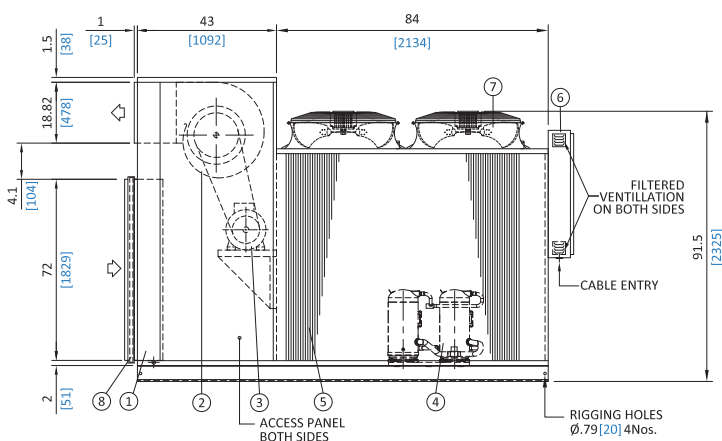
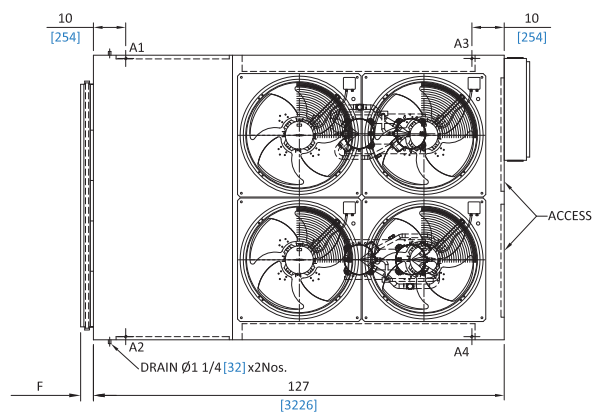
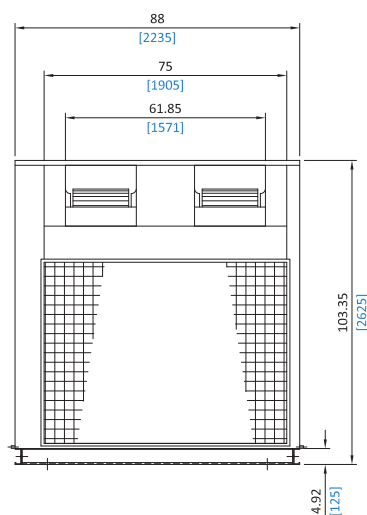
Table 32



PACS Models - 52052

LEGEND
① EVAPORATOR COIL
② EVAPORATOR FAN
③ EVAPORATOR FAN MOTOR
④ COMPRESSOR
⑤ CONDENSER COIL
⑥ CONTROL PANEL
⑦ CONDENSER FAN
⑧ 1"THICK FLAT FILTER

F=4.72 [120] FOR 1" FLAT FILTER (STANDARD)
F=5.7 [145] FOR 2" FLAT FILTER (OPTIONAL)





Dimensional Data

PACS Models: 52060

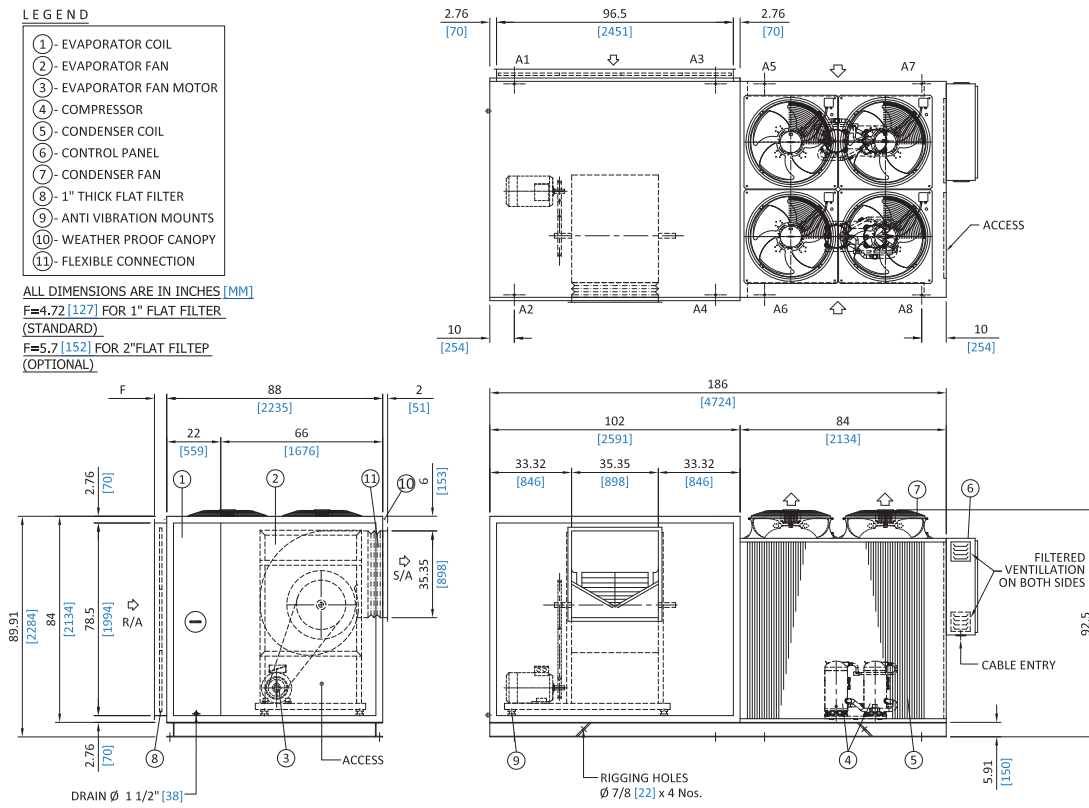
LEGEND

- ① - EVAPORATOR COIL
- ② - EVAPORATOR FAN
- ③ - EVAPORATOR FAN MOTOR
- ④ - COMPRESSOR
- ⑤ - CONDENSER COIL
- ⑥ - CONTROL PANEL
- ⑦ - CONDENSER FAN
- ⑧ - 1" THICK FLAT FILTER
- ⑨ - ANTI VIBRATION MOUNTS
- ⑩ - WEATHER PROOF CANOPY
- ⑪ - FLEXIBLE CONNECTION

ALL DIMENSIONS ARE IN INCHES [MM]

F=4.72 [127] FOR 1" FLAT FILTER (STANDARD)

F=5.7 [152] FOR 2" FLAT FILTER (OPTIONAL)



PACS Models: 52065 & 52070

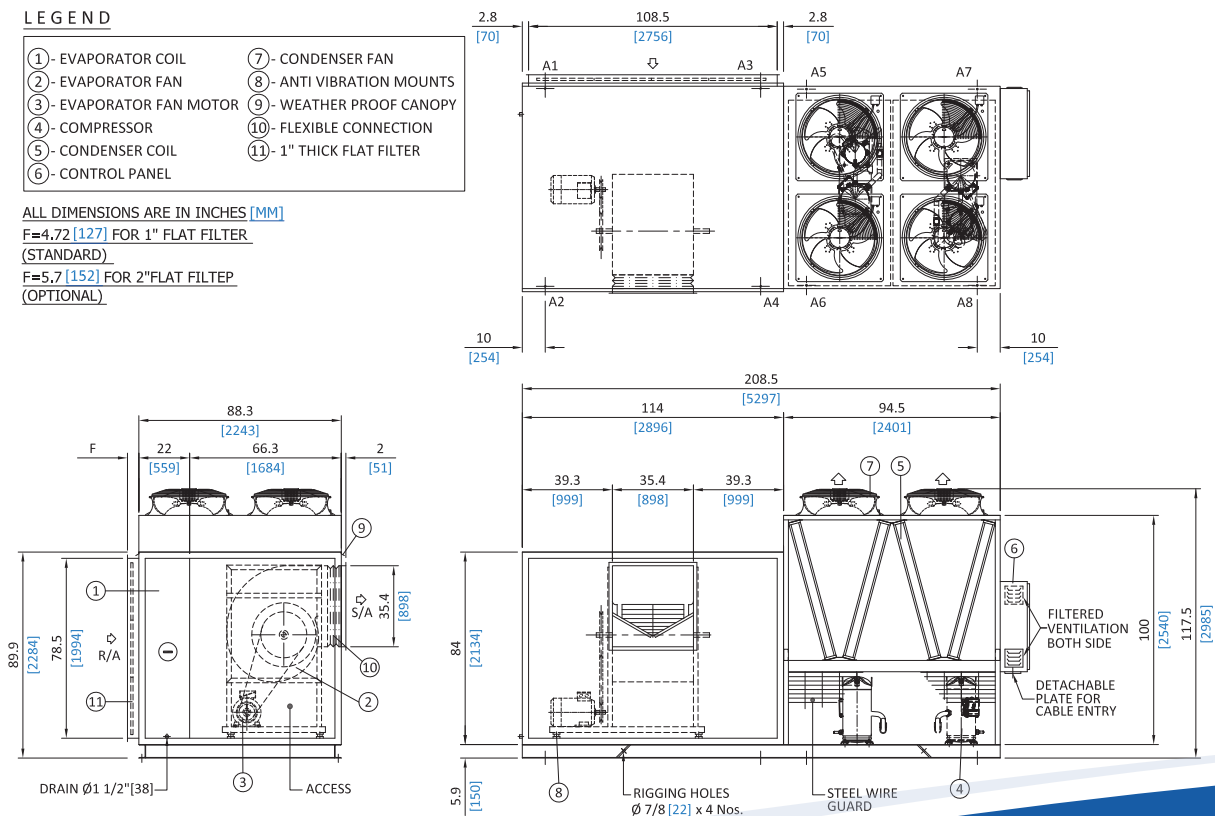
LEGEND

- ① - EVAPORATOR COIL
- ② - EVAPORATOR FAN
- ③ - EVAPORATOR FAN MOTOR
- ④ - COMPRESSOR
- ⑤ - CONDENSER COIL
- ⑥ - CONTROL PANEL
- ⑦ - CONDENSER FAN
- ⑧ - ANTI VIBRATION MOUNTS
- ⑨ - WEATHER PROOF CANOPY
- ⑩ - FLEXIBLE CONNECTION
- ⑪ - 1" THICK FLAT FILTER

ALL DIMENSIONS ARE IN INCHES [MM]

F=4.72 [127] FOR 1" FLAT FILTER (STANDARD)

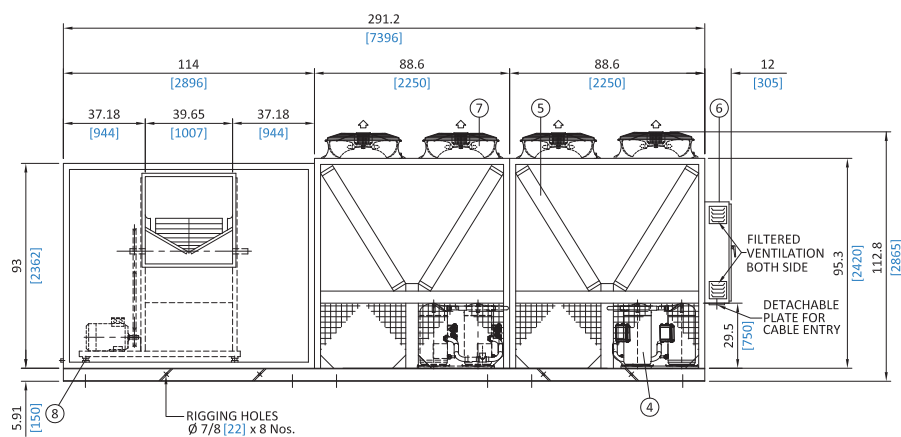
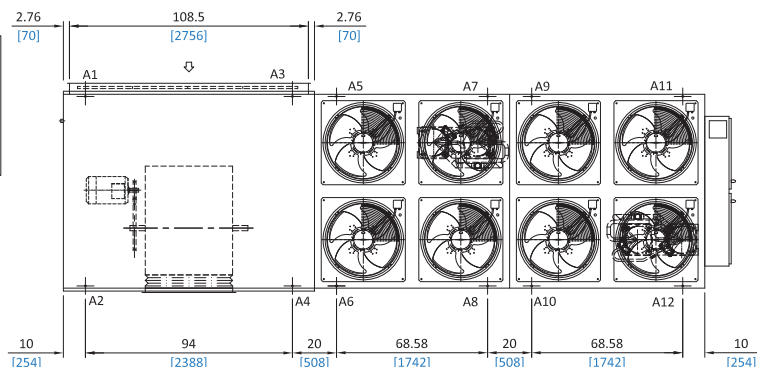
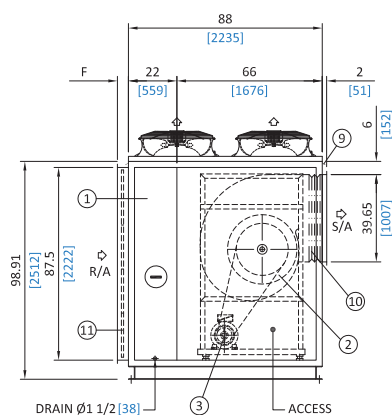
F=5.7 [152] FOR 2" FLAT FILTER (OPTIONAL)



PACS Models - 52080

①- EVAPORATOR COIL	⑦- CONDENSER FAN
②- EVAPORATOR FAN	⑧- ANTI VIBRATION MOUNTS
③- EVAPORATOR FAN MOTOR	⑨- WEATHER PROOF CANOPY
④- COMPRESSOR	⑩- FLEXIBLE CONNECTION
⑤- CONDENSER COIL	⑪- 1" THICK FLAT FILTER
⑥- CONTROL PANEL	

ALL DIMENSIONS ARE IN INCHES [MM]
F=4.72 [127] FOR 1" FLAT FILTER
(STANDARD)
F=5.7 [152] FOR 2" FLAT FILTER
(OPTIONAL)



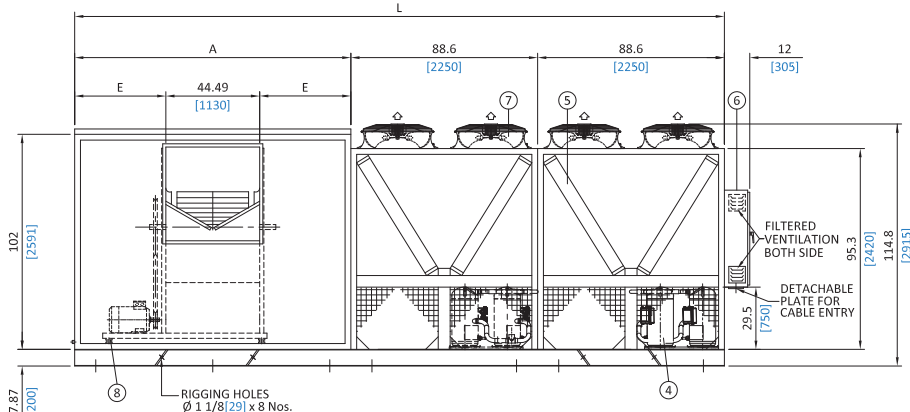
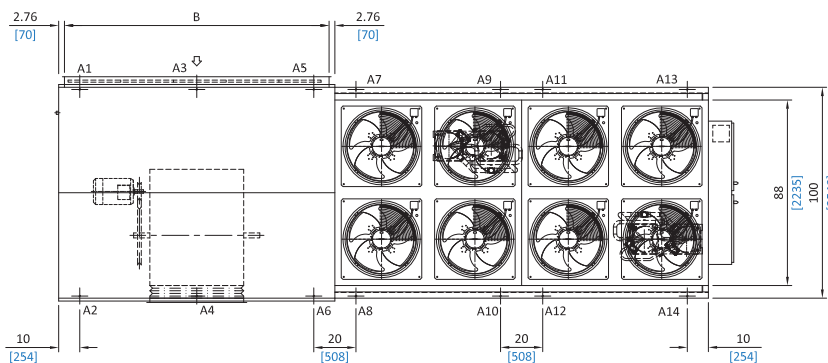
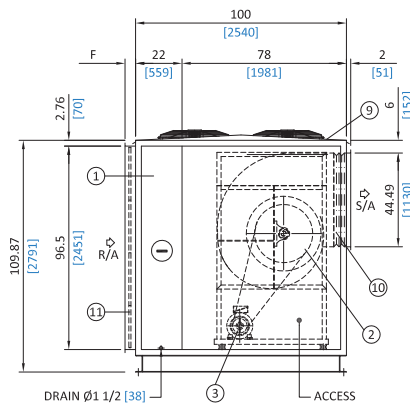
LEGEND

- | | |
|-------------------------|--------------------------|
| ①- EVAPORATOR COIL | ⑦- CONDENSER FAN |
| ②- EVAPORATOR FAN | ⑧- ANTI VIBRATION MOUNTS |
| ③- EVAPORATOR FAN MOTOR | ⑨- WEATHER PROOF CANOPY |
| ④- COMPRESSOR | ⑩- FLEXIBLE CONNECTION |
| ⑤- CONDENSER COIL | ⑪- 1" THICK FLAT FILTER |
| ⑥- CONTROL PANEL | |

ALL DIMENSIONS ARE IN INCHES [MM]
F=4.72 [127] FOR 1" FLAT FILTER (STANDARD)
F=5.7 [152] FOR 2" FLAT FILTER (OPTIONAL)

MODEL PACS	DIMENSIONS			
	L	A	B	E
52085	295.15 [7497]	118 [2997]	112.48 [2857]	36.76 [934]
52090	301.2 [7650]	124 [3150]	118.5 [3010]	39.76 [1010]
52095	308.14 [7827]	131 [3327]	125.47 [3187]	43.26 [1099]

ALL DIMENSIONS ARE IN INCHES [mm]





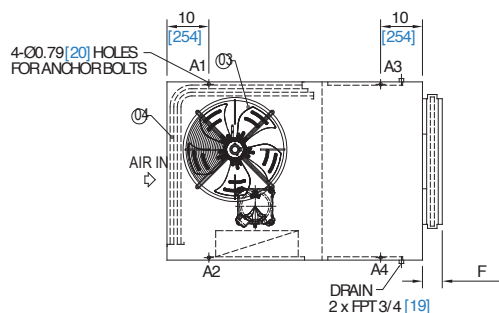
Loading Points & Weights

PACS	UNIT	LOADING POINTS														TOTAL WEIGHT
		A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	
51004	lb.	154	185	153	156	-	-	-	-	-	-	-	-	-	-	648
	Kg.	70	84	69	71	-	-	-	-	-	-	-	-	-	-	294
51005	lb.	172	203	174	176	-	-	-	-	-	-	-	-	-	-	725
	Kg.	78	92	79	80	-	-	-	-	-	-	-	-	-	-	329
51007	lb.	182	225	171	165	-	-	-	-	-	-	-	-	-	-	743
	Kg.	82	102	78	75	-	-	-	-	-	-	-	-	-	-	337
51008	lb.	213	266	196	192	-	-	-	-	-	-	-	-	-	-	867
	Kg.	96	121	89	87	-	-	-	-	-	-	-	-	-	-	393
52010	lb.	318	315	267	253	-	-	-	-	-	-	-	-	-	-	1153
	Kg.	144	143	121	115	-	-	-	-	-	-	-	-	-	-	523
52012	lb.	354	348	267	252	-	-	-	-	-	-	-	-	-	-	1221
	Kg.	161	158	121	114	-	-	-	-	-	-	-	-	-	-	554
52013	lb.	395	387	287	273	-	-	-	-	-	-	-	-	-	-	1342
	Kg.	179	176	130	124	-	-	-	-	-	-	-	-	-	-	609
52015	lb.	440	431	323	307	-	-	-	-	-	-	-	-	-	-	1501
	Kg.	200	195	147	139	-	-	-	-	-	-	-	-	-	-	681
52017	lb.	460	455	368	357	-	-	-	-	-	-	-	-	-	-	1640
	Kg.	209	206	167	162	-	-	-	-	-	-	-	-	-	-	744
52019	lb.	460	455	368	357	-	-	-	-	-	-	-	-	-	-	1640
	Kg.	209	206	167	162	-	-	-	-	-	-	-	-	-	-	744
52020	lb.	532	523	429	413	-	-	-	-	-	-	-	-	-	-	1897
	Kg.	241	237	195	187	-	-	-	-	-	-	-	-	-	-	860
52024	lb.	533	525	430	414	-	-	-	-	-	-	-	-	-	-	1902
	Kg.	242	238	195	188	-	-	-	-	-	-	-	-	-	-	863
52025	lb.	578	569	466	449	-	-	-	-	-	-	-	-	-	-	2062
	Kg.	262	258	211	204	-	-	-	-	-	-	-	-	-	-	935
52028	lb.	582	573	469	452	-	-	-	-	-	-	-	-	-	-	2076
	Kg.	264	260	213	204	-	-	-	-	-	-	-	-	-	-	941
52034	lb.	730	728	956	830	-	-	-	-	-	-	-	-	-	-	3244
	Kg.	331	330	434	377	-	-	-	-	-	-	-	-	-	-	1472
52039	lb.	774	783	979	1025	-	-	-	-	-	-	-	-	-	-	3561
	Kg.	351	355	444	465	-	-	-	-	-	-	-	-	-	-	1615
52045	lb.	1004	1037	1233	1299	-	-	-	-	-	-	-	-	-	-	4574
	Kg.	455	470	559	589	-	-	-	-	-	-	-	-	-	-	2075
52049	lb.	1102	1145	1327	1371	-	-	-	-	-	-	-	-	-	-	4946
	Kg.	500	519	602	622	-	-	-	-	-	-	-	-	-	-	2243
52052	lb.	1607	1666	1793	1701	-	-	-	-	-	-	-	-	-	-	6765
	Kg.	729	756	813	771	-	-	-	-	-	-	-	-	-	-	3069
52060	lb.	1029	735	839	544	722	722	1236	1120	-	-	-	-	-	-	6948
	Kg.	467	333	380	247	328	328	561	508	-	-	-	-	-	-	3151
52065	lb.	1221	1001	1161	941	1569	1411	1455	1673	-	-	-	-	-	-	10434
	Kg.	554	454	527	427	712	640	660	759	-	-	-	-	-	-	4733
52070	lb.	1224	1004	1164	944	1615	1441	1479	1720	-	-	-	-	-	-	10591
	Kg.	555	455	528	428	733	654	671	780	-	-	-	-	-	-	4804
52080	lb.	1045	856	985	795	823	765	1224	883	763	831	1043	1440	-	-	11453
	Kg.	474	388	447	361	373	347	555	400	346	377	473	653	-	-	5195
52085	lb.	898	717	836	681	810	672	784	720	1187	847	720	784	1017	1356	12030
	Kg.	407	325	379	309	368	305	356	327	538	384	327	356	461	615	5457
52090	lb.	914	719	849	681	825	673	784	720	1187	847	727	806	1052	1468	12252
	Kg.	414	326	385	309	374	305	356	327	538	384	330	365	477	666	5558
52095	lb.	977	752	876	690	841	675	806	727	1299	883	727	806	1053	1469	12581
	Kg.	443	341	398	313	381	306	366	330	589	401	330	366	478	666	5707

Table 34

Dimensional Data (HIGH EFFICIENCY)

PACS Models - 51004 G



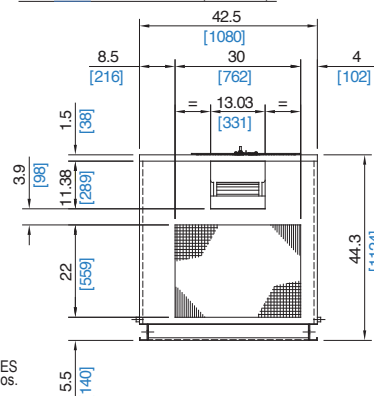
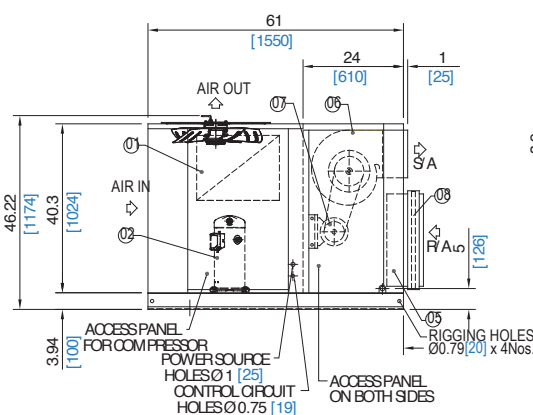
LEGEND	
01	CONTROL PANEL
02	COMPRESSOR
03	CONDENSER FAN
04	CONDENSER COIL
05	EVAPORATOR COIL
06	EVAPORATOR FAN
07	EVAPORATOR FAN MOTOR
08	1" THICK FLAT FILTER

ALL DIMENSIONS ARE IN INCHES [mm]

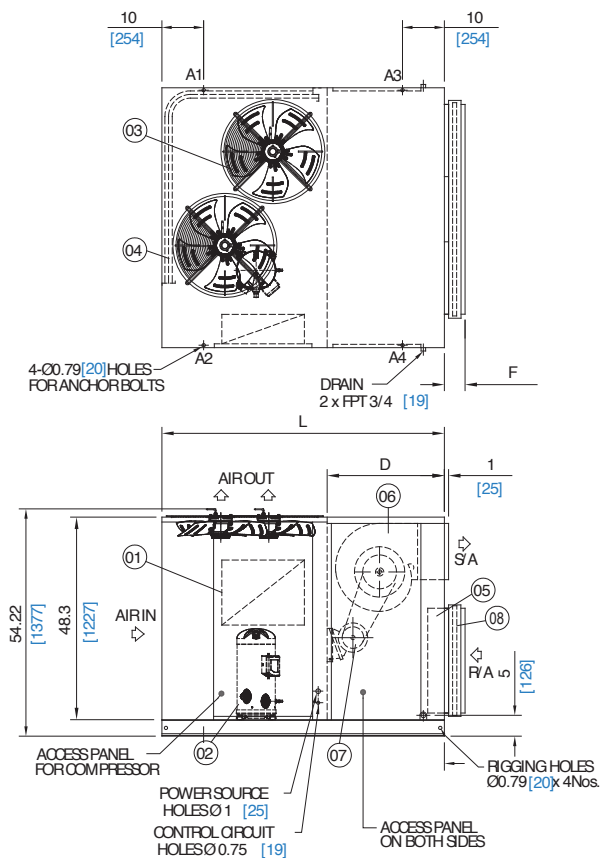
A1-A4 ARE LOADING POINTS

F=4.72 [120] FOR 1" FLAT FILTER (STANDARD)

F=5.7 [145] FOR 2" FLAT FILTER (OPTIONAL)



PACS Models - 51005G to 51008G



LEGEND	
01	CONTROL PANEL
02	COMPRESSOR
03	CONDENSER FAN
04	CONDENSER COIL
05	EVAPORATOR COIL
06	EVAPORATOR FAN
07	EVAPORATOR FAN MOTOR
08	1" THICK FLAT FILTER

ALL DIMENSIONS ARE IN INCHES [mm]

A1-A4 ARE LOADING POINTS

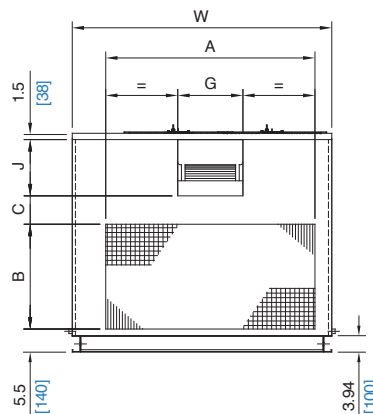
F=4.72 [120] FOR 1" FLAT FILTER (STANDARD)

F=5.7 [145] FOR 2" FLAT FILTER (OPTIONAL)

MODEL PACS	DIMENSIONS							
	L	W	A	B	C	D	J	G
51005G	63.5 [1613]	50.6 [1285]	30 [762]	22 [559]	11.9 [302]	24 [610]	11.38 [289]	13.03 [331]
51007G	63.5 [1613]	50.6 [1285]	38.6 [980]	24 [610]	9.84 [250]	24 [610]	11.38 [289]	13.03 [331]
51008G	67.5 [1714]	50.6 [1285]	38.6 [980]	24 [610]	7.81 [198]	28 [711]	13.43 [341]	15.55 [395]

ALL DIMENSIONS ARE IN INCHES [mm]

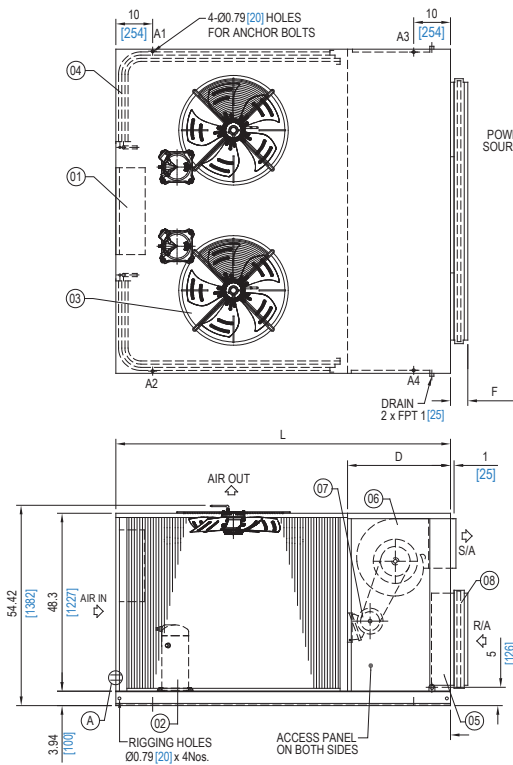
Table 35





Dimensional Data (HIGH EFFICIENCY)

PACS Models - 52010 G & 52012 G



LEGEND

- 01 CONTROL PANEL
- 02 COMPRESSOR
- 03 CONDENSER FAN
- 04 CONDENSER COIL
- 05 EVAPORATOR COIL
- 06 EVAPORATOR FAN
- 07 EVAPORATOR FAN MOTOR
- 08 1" THICK FLAT FILTER

ALL DIMENSIONS ARE IN INCHES [mm]

A1-A4 ARE LOADING POINTS

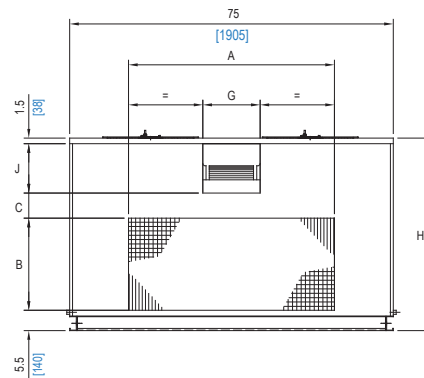
F=4.72 [120] FOR 1" FLAT FILTER (STANDARD)

F=5.7 [145] FOR 2" FLAT FILTER (OPTIONAL)

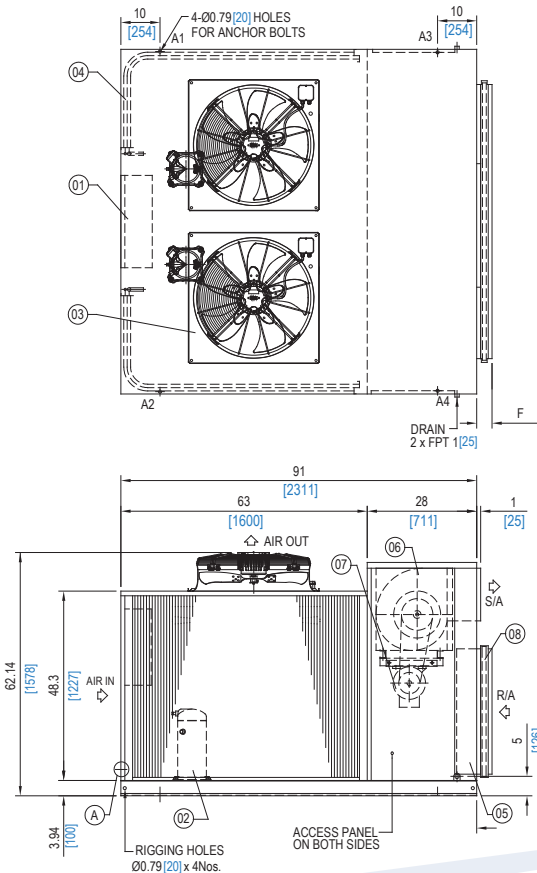
MODEL	DIMENSIONS							
PACS	L	A	B	C	D	J	G	H
52010G	75 [1905]	56 [1422]	25 [635]	6.8 [172]	28 [711]	13.43 [341]	15.55 [395]	52.24 [1327]
52012G	77 [1956]	60 [1524]	30 [762]	8.2 [208]	30 [762]	15.9 [404]	18.54 [471]	61.12 [1552]

ALL DIMENSIONS ARE IN INCHES [mm]

Table 36



PACS Models - 52013 G & 52015 G



LEGEND

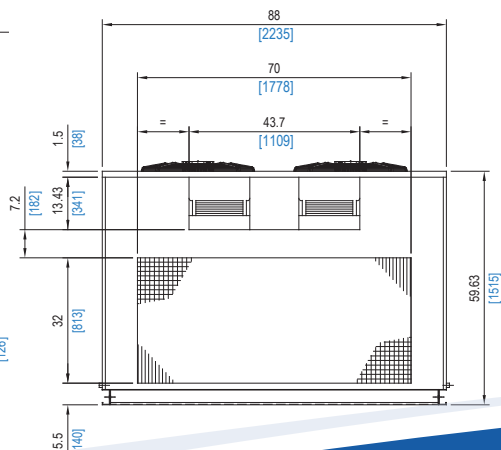
- 01 CONTROL PANEL
- 02 COMPRESSOR
- 03 CONDENSER FAN
- 04 CONDENSER COIL
- 05 EVAPORATOR COIL
- 06 EVAPORATOR FAN
- 07 EVAPORATOR FAN MOTOR
- 08 1" THICK FLAT FILTER

ALL DIMENSIONS ARE IN INCHES [mm]

A1-A4 ARE LOADING POINTS

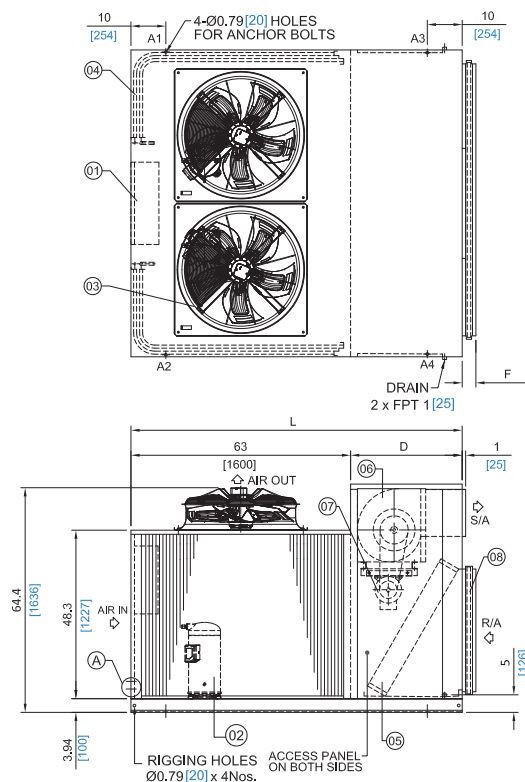
F=4.72 [120] FOR 1" FLAT FILTER (STANDARD)

F=5.7 [145] FOR 2" FLAT FILTER (OPTIONAL)



DIMENSIONAL DATA (HIGH EFFICIENCY)

PACS Models - 52017 G to 52024G



LEGEND

- 01 CONTROL PANEL
- 02 COMPRESSOR
- 03 CONDENSER FAN
- 04 CONDENSER COIL
- 05 EVAPORATOR COIL
- 06 EVAPORATOR FAN
- 07 EVAPORATOR FAN MOTOR
- 08 1" THICK FLAT FILTER

ALL DIMENSIONS ARE IN INCHES [MM]

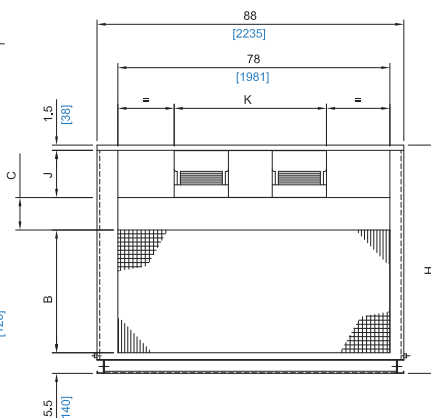
F=4.72 [120] FOR 1" FLAT FILTER (STANDARD)

F=5.7 [145] FOR 2" FLAT FILTER (OPTIONAL)

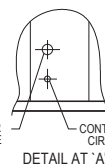
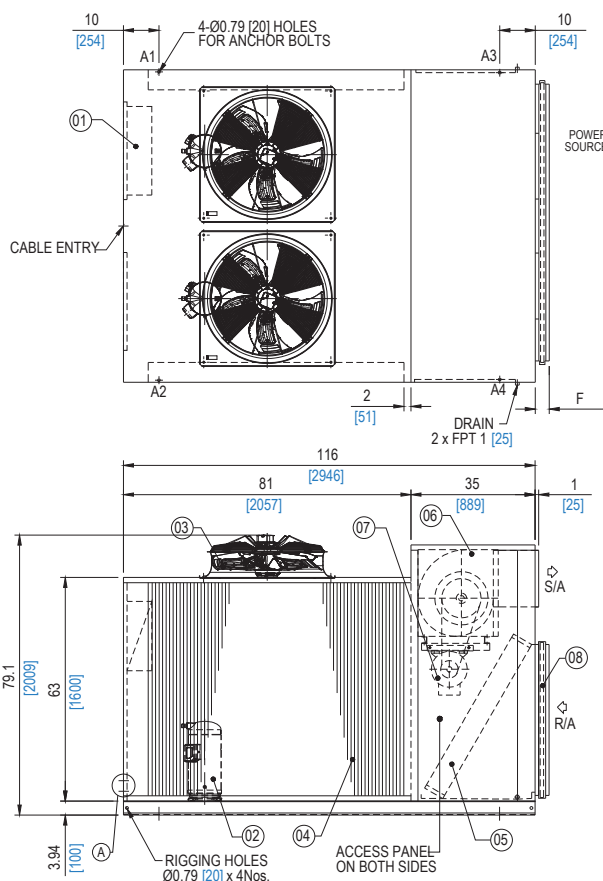
MODEL PACS	DIMENSIONS						
	L	B	C	D	J	K	H
52017G	95 [2413]	35.6 [904]	9.3 [236]	32 [813]	13.5 [344]	43.66 [1109]	65.47 [1663]
52019G	95 [2413]	35.6 [904]	9.3 [236]	32 [813]	13.5 [344]	43.66 [1109]	65.47 [1663]
52020G	98 [2489]	35.6 [904]	10.4 [264]	35 [889]	15.9 [404]	52.3 [1328]	68.93 [1751]
52024G	98 [2489]	42.5 [1080]	10.66 [271]	35 [889]	15.9 [404]	52.3 [1328]	76.11 [1933]

ALL DIMENSIONS ARE IN INCHES [MM]

Table 37



PACS Models - 52025 G & 52028 G



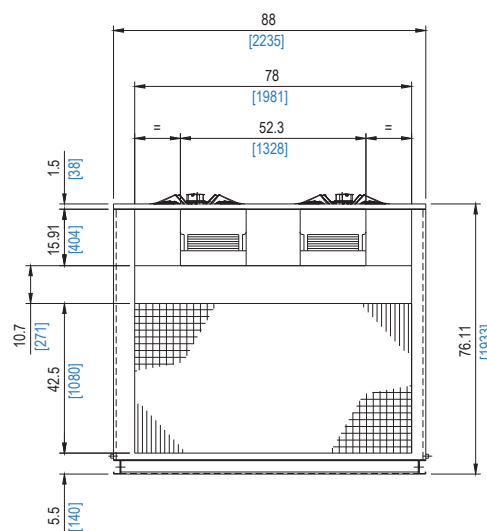
LEGEND

- 01 CONTROL PANEL
- 02 COMPRESSOR
- 03 CONDENSER FAN
- 04 CONDENSER COIL
- 05 EVAPORATOR COIL
- 06 EVAPORATOR FAN
- 07 EVAPORATOR FAN MOTOR
- 08 1" THICK FLAT FILTER

ALL DIMENSIONS ARE IN INCHES [MM]

F=4.72 [120] FOR 1" FLAT FILTER (STANDARD)

F=5.7 [145] FOR 2" FLAT FILTER (OPTIONAL)



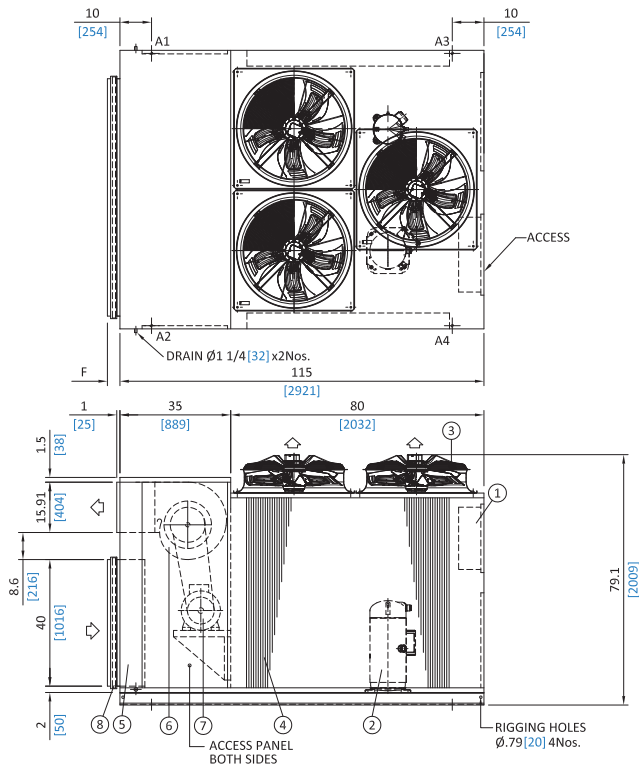
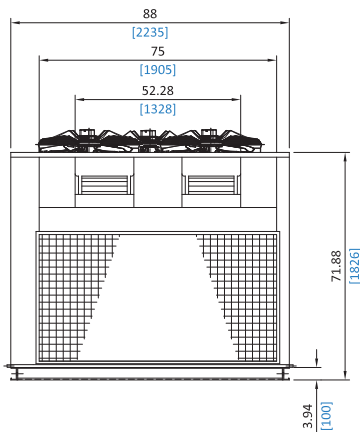


Dimensional Data (HIGH EFFICIENCY)

PACS Models - 52034 G

- LEGEND**
- ① CONTROL PANEL
 - ② COMPRESSOR
 - ③ CONDENSER FAN
 - ④ CONDENSER COIL
 - ⑤ EVAPORATOR COIL
 - ⑥ EVAPORATOR FAN
 - ⑦ EVAPORATOR FAN MOTOR
 - ⑧ 1" THICK FLAT FILTER

ALL DIMENSIONS ARE IN INCHES [MM]
F=4.72 [120] FOR 1" FLAT FILTER (STANDARD)
F=5.7 [145] FOR 2" FLAT FILTER (OPTIONAL)

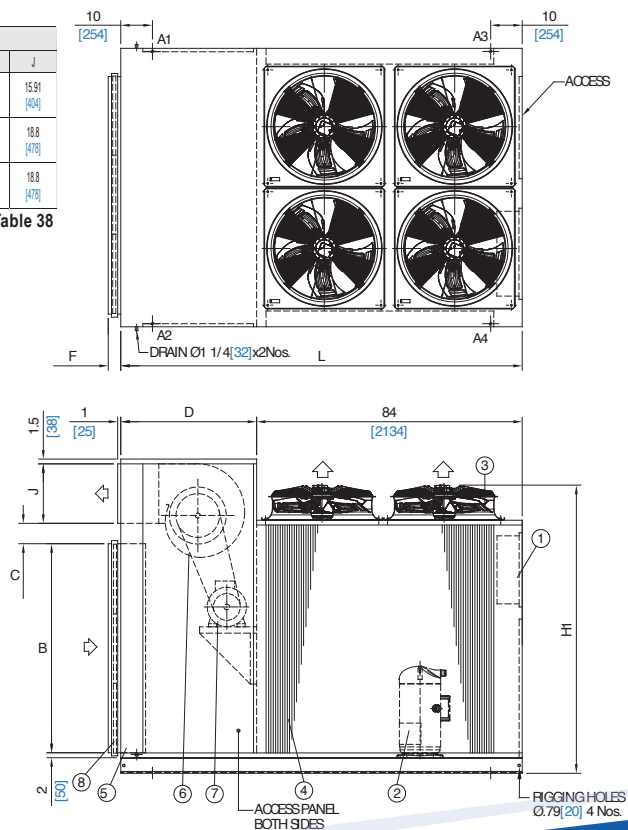
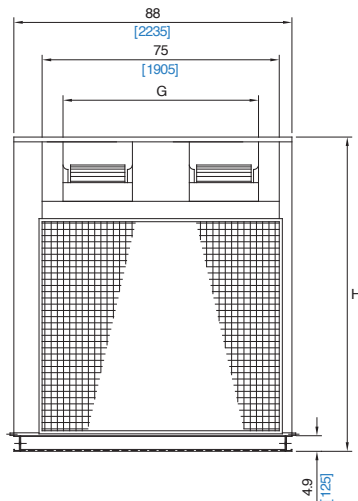


PACS Models - 52039 G to 52049 G

MODEL PACS	DIMENSIONS							
	L	H	H1	D	B	C	G	J
52039G	119 [3023]	88.87 [2257]	84.1 [2136]	35 [889]	56 [1422]	8.6 [218]	52.28 [1328]	15.91 [404]
52049G	127 [3226]	103.35 [2625]	92.1 [2339]	43 [1092]	66 [1676]	10.1 [257]	61.85 [1571]	18.8 [478]
52049G	127 [3226]	103.35 [2625]	92.1 [2339]	43 [1092]	72 [1829]	4.1 [104]	61.85 [1571]	18.8 [478]

ALL DIMENSIONS ARE IN INCHES [mm]

Table 38

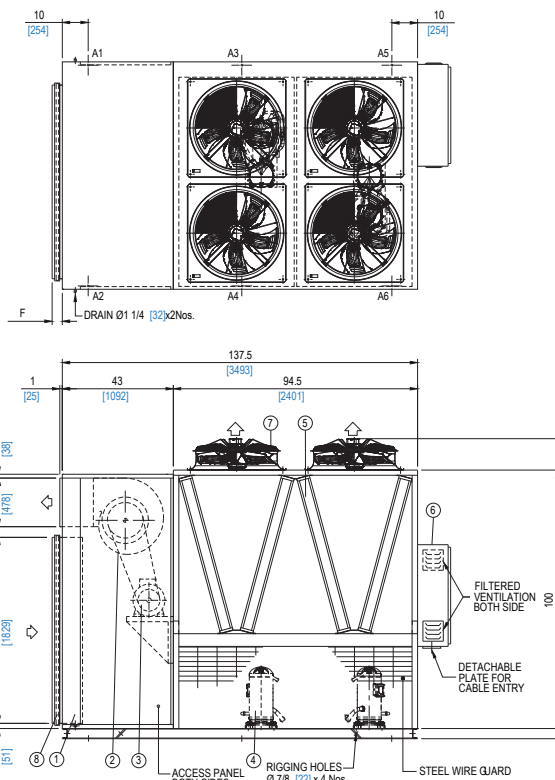
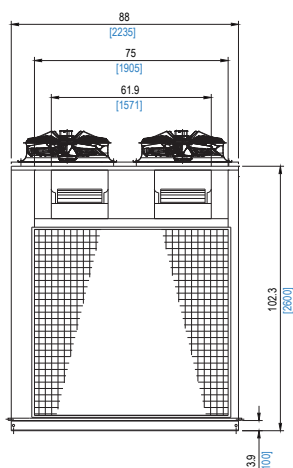


DIMENSIONAL DATA (HIGH EFFICIENCY)

PACS Models - 52052 G

- LEGEND**
- ① EVAPORATOR COIL
 - ② EVAPORATOR FAN
 - ③ EVAPORATOR FAN MOTOR
 - ④ COMPRESSOR
 - ⑤ CONDENSER COIL
 - ⑥ CONTROL PANEL
 - ⑦ CONDENSER FAN
 - ⑧ 1" THICK FLAT FILTER

ALL DIMENSIONS ARE IN INCHES [MM]
 F=4.72 [120] FOR 1" FLAT FILTER (STANDARD)
 F=5.7 [145] FOR 2" FLAT FILTER (OPTIONAL)



PACS Models - 52060G to 52070 G

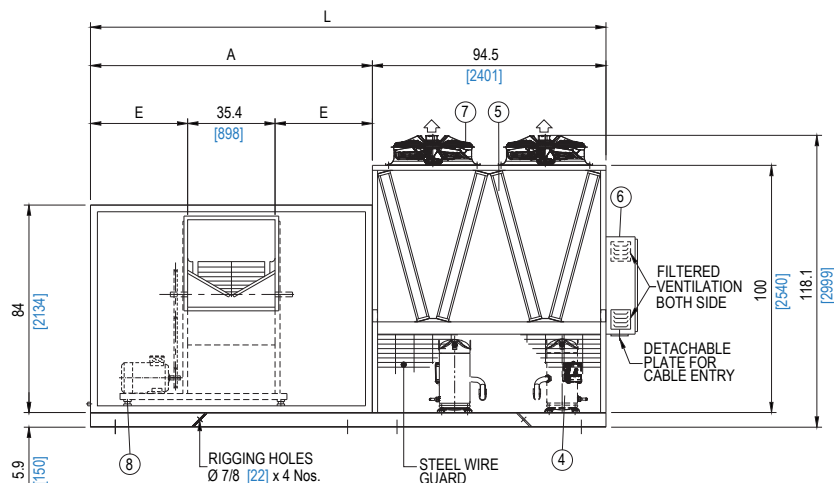
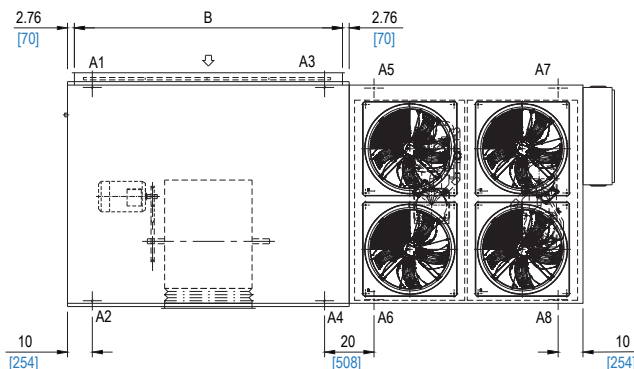
LEGEND

- ① - EVAPORATOR COIL
- ② - EVAPORATOR FAN
- ③ - EVAPORATOR FAN MOTOR
- ④ - COMPRESSOR
- ⑤ - CONDENSER COIL
- ⑥ - CONTROL PANEL
- ⑦ - CONDENSER FAN
- ⑧ - ANTI VIBRATION MOUNTS
- ⑨ - WEATHER PROOF CANOPY
- ⑩ - FLEXIBLE CONNECTION
- ⑪ - 1" THICK FLAT FILTER

ALL DIMENSIONS ARE IN INCHES [MM]
 F=4.72 [127] FOR 1" FLAT FILTER (STANDARD)
 F=5.7 [152] FOR 2" FLAT FILTER (OPTIONAL)

MODEL PACS	L	A	B	E
52060G	196.54 [4992]	102 [2591]	96.5 [2451]	33.3 [846]
52065G	208.54 [5297]	114 [2896]	108.5 [2756]	39.3 [999]
52070G	208.5 [5297]	114 [2896]	108.5 [2756]	39.3 [999]

ALL DIMENSIONS ARE IN INCHES [mm]





Dimensional Data (HIGH EFFICIENCY)

PACS Models - 52080 G

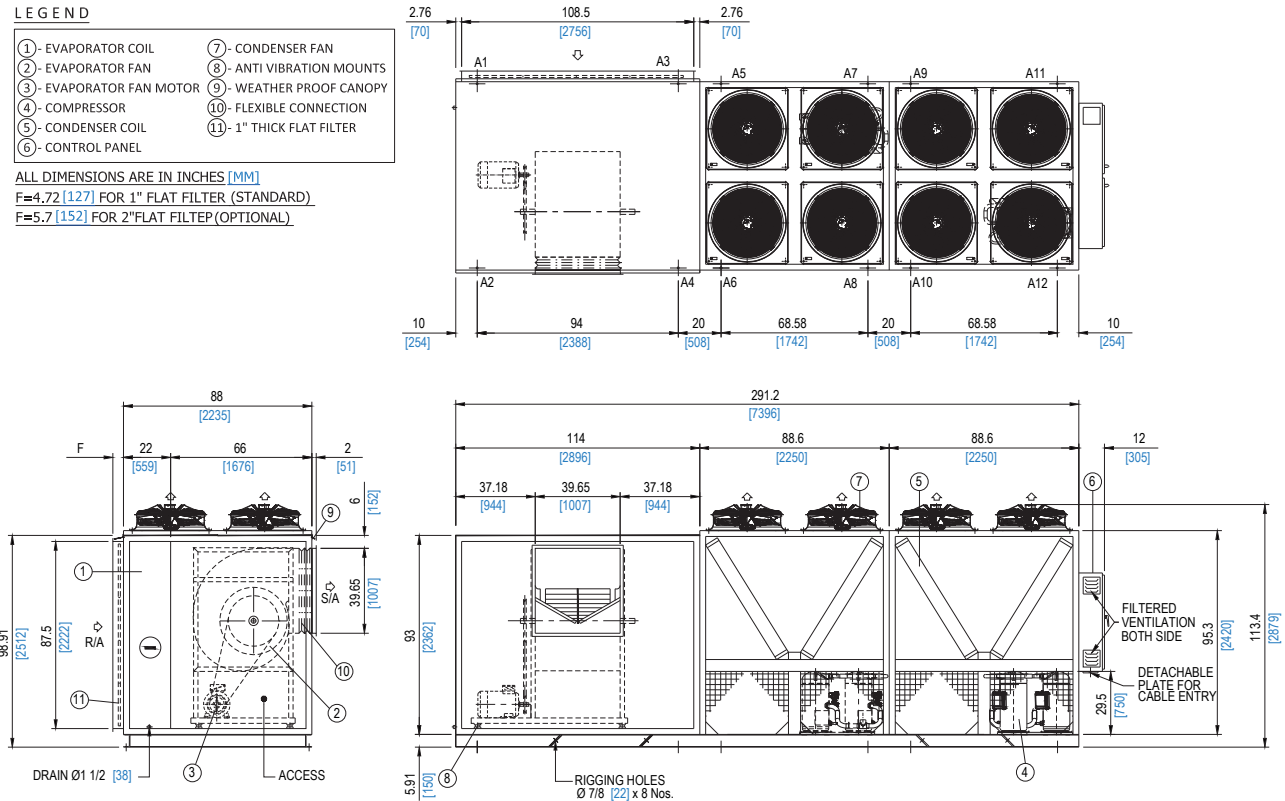
LEGEND

- | | |
|--------------------------|---------------------------|
| ① - EVAPORATOR COIL | ⑦ - CONDENSER FAN |
| ② - EVAPORATOR FAN | ⑧ - ANTI VIBRATION MOUNTS |
| ③ - EVAPORATOR FAN MOTOR | ⑨ - WEATHER PROOF CANOPY |
| ④ - COMPRESSOR | ⑩ - FLEXIBLE CONNECTION |
| ⑤ - CONDENSER COIL | ⑪ - 1" THICK FLAT FILTER |
| ⑥ - CONTROL PANEL | |

ALL DIMENSIONS ARE IN INCHES [MM]

F=4.72 [127] FOR 1" FLAT FILTER (STANDARD)

F=5.7 [152] FOR 2" FLAT FILTER (OPTIONAL)



PACS Models - 52085 G to 52095 G

LEGEND

- | | |
|--------------------------|---------------------------|
| ① - EVAPORATOR COIL | ⑦ - CONDENSER FAN |
| ② - EVAPORATOR FAN | ⑧ - ANTI VIBRATION MOUNTS |
| ③ - EVAPORATOR FAN MOTOR | ⑨ - WEATHER PROOF CANOPY |
| ④ - COMPRESSOR | ⑩ - FLEXIBLE CONNECTION |
| ⑤ - CONDENSER COIL | ⑪ - 1" THICK FLAT FILTER |
| ⑥ - CONTROL PANEL | |

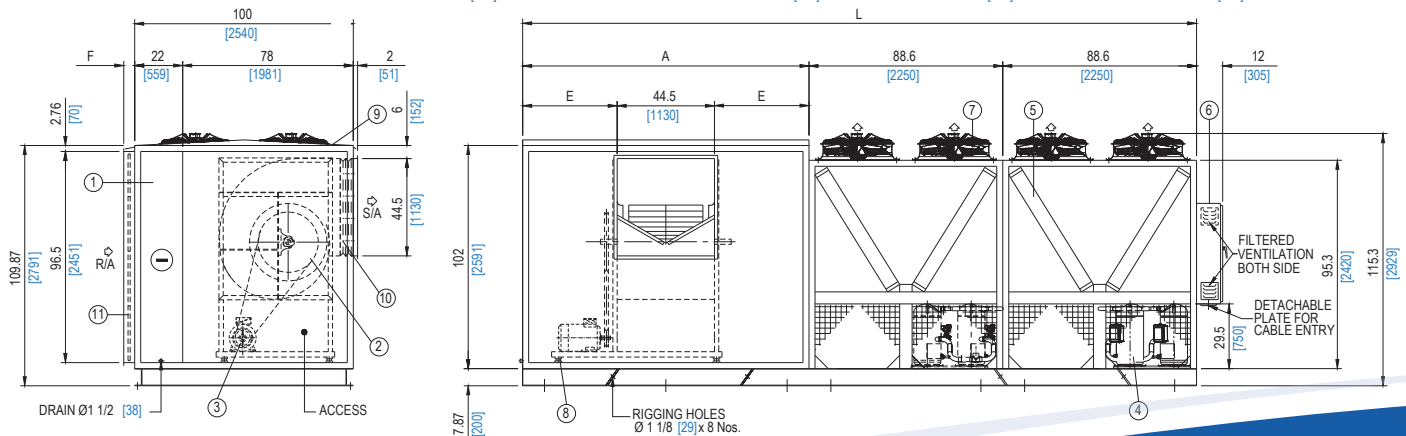
ALL DIMENSIONS ARE IN INCHES [MM]

F=4.72 [127] FOR 1" FLAT FILTER (STANDARD)

F=5.7 [152] FOR 2" FLAT FILTER (OPTIONAL)

MODEL	DIMENSIONS			
PACS	L	A	B	E
52085G	295.2 [7497]	118 [2997]	112.5 [2857]	36.8 [934]
52090G	301.2 [7650]	124 [3150]	118.5 [3010]	39.8 [1010]
52095G	308.2 [7827]	131 [3327]	125.5 [3187]	43.3 [1099]

ALL DIMENSIONS ARE IN INCHES [MM]



Loading Points & Weights - HIGH EFFICIENCY

PACS	UNIT	LOADING POINTS														TOTAL WEIGHT
		A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	
51004G	lb.	190	200	180	165	-	-	-	-	-	-	-	-	-	-	735
	Kg.	86	91	82	75	-	-	-	-	-	-	-	-	-	-	333
51005G	lb.	210	210	200	185	-	-	-	-	-	-	-	-	-	-	805
	Kg.	95	95	91	84	-	-	-	-	-	-	-	-	-	-	365
51007G	lb.	220	235	200	175	-	-	-	-	-	-	-	-	-	-	830
	Kg.	100	107	91	79	-	-	-	-	-	-	-	-	-	-	376
51008G	lb.	220	275	205	200	-	-	-	-	-	-	-	-	-	-	900
	Kg.	100	125	93	91	-	-	-	-	-	-	-	-	-	-	408
52010G	lb.	325	330	275	255	-	-	-	-	-	-	-	-	-	-	1185
	Kg.	147	150	125	115	-	-	-	-	-	-	-	-	-	-	537
52012G	lb.	360	355	275	260	-	-	-	-	-	-	-	-	-	-	1250
	Kg.	163	161	125	118	-	-	-	-	-	-	-	-	-	-	567
52013G	lb.	485	485	396	388	-	-	-	-	-	-	-	-	-	-	1754
	Kg.	220	220	180	176	-	-	-	-	-	-	-	-	-	-	796
52015G	lb.	485	485	396	388	-	-	-	-	-	-	-	-	-	-	1754
	Kg.	220	220	180	176	-	-	-	-	-	-	-	-	-	-	796
52017G	lb.	514	514	414	400	-	-	-	-	-	-	-	-	-	-	1842
	Kg.	233	233	188	181	-	-	-	-	-	-	-	-	-	-	835
52019G	lb.	514	514	414	400	-	-	-	-	-	-	-	-	-	-	1842
	Kg.	233	233	188	181	-	-	-	-	-	-	-	-	-	-	835
52020G	lb.	535	535	428	413	-	-	-	-	-	-	-	-	-	-	1911
	Kg.	243	243	194	187	-	-	-	-	-	-	-	-	-	-	867
52024G	lb.	616	585	591	575	-	-	-	-	-	-	-	-	-	-	2367
	Kg.	279	265	268	261	-	-	-	-	-	-	-	-	-	-	1073
52025G	lb.	622	590	623	605	-	-	-	-	-	-	-	-	-	-	2440
	Kg.	282	268	283	274	-	-	-	-	-	-	-	-	-	-	1107
52028G	lb.	622	590	623	605	-	-	-	-	-	-	-	-	-	-	2440
	Kg.	282	268	283	274	-	-	-	-	-	-	-	-	-	-	1107
52034G	lb.	776	780	937	957	-	-	-	-	-	-	-	-	-	-	3450
	Kg.	352	354	425	434	-	-	-	-	-	-	-	-	-	-	1565
52039G	lb.	844	877	1091	1111	-	-	-	-	-	-	-	-	-	-	3923
	Kg.	382	398	495	504	-	-	-	-	-	-	-	-	-	-	1779
52045G	lb.	1109	1155	1339	1359	-	-	-	-	-	-	-	-	-	-	4962
	Kg.	503	524	607	616	-	-	-	-	-	-	-	-	-	-	2250
52049G	lb.	1186	1235	1423	1443	-	-	-	-	-	-	-	-	-	-	5287
	Kg.	538	560	645	654	-	-	-	-	-	-	-	-	-	-	2397
52052G	lb.	891	844	1374	1309	656	741	-	-	-	-	-	-	-	-	5815
	Kg.	404	383	623	594	297	336	-	-	-	-	-	-	-	-	2638
52060G	lb.	1229	1003	1169	942	1378	1302	1374	1478	-	-	-	-	-	-	9874
	Kg.	558	455	530	427	625	591	623	670	-	-	-	-	-	-	4479
52065G	lb.	1273	1006	1212	946	1599	1441	1485	1703	-	-	-	-	-	-	10666
	Kg.	577	456	550	429	725	654	674	773	-	-	-	-	-	-	4838
52070G	lb.	1338	1013	1278	952	1645	1471	1509	1750	-	-	-	-	-	-	10957
	Kg.	607	459	580	432	746	667	685	794	-	-	-	-	-	-	4970
52080G	lb.	1102	860	1041	799	833	774	1233	892	773	841	1052	1450	-	-	11651
	Kg.	500	390	472	363	378	351	559	405	351	381	477	658	-	-	5285
52085G	lb.	943	720	881	684	855	676	795	731	1197	858	731	795	1028	1367	12260
	Kg.	428	327	400	310	388	307	361	331	543	389	331	361	466	620	5561
52090G	lb.	961	722	896	684	871	678	795	731	1197	858	737	816	1063	1479	12488
	Kg.	436	328	406	310	395	308	361	331	543	389	334	370	482	671	5664
52095G	lb.	1028	755	927	693	891	680	816	738	1309	893	738	816	1063	1479	12826
	Kg.	466	343	420	314	404	309	370	335	594	405	335	370	482	671	5818

Table 41



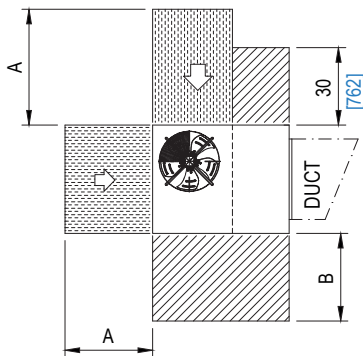
Recommended Clearances



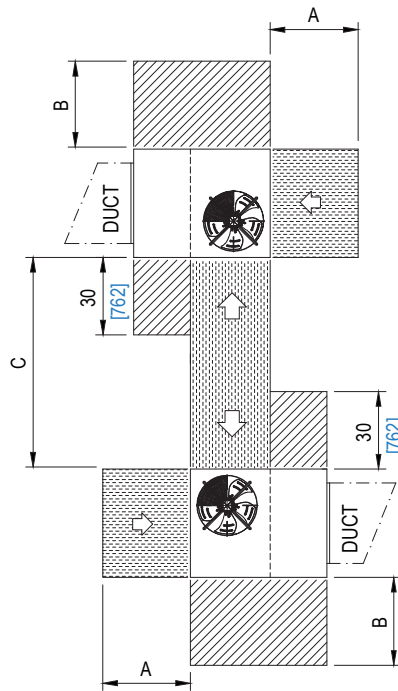
SPACING FOR AIR FLOW



SPACING FOR SERVICE



PACS-51004

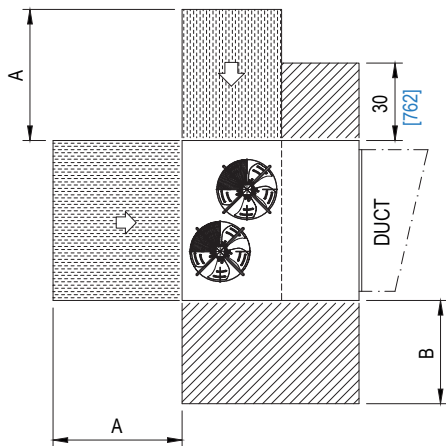


PACS-51004

MODEL PACS	A	B	C
51004	44 [1118]	34 [864]	72 [1829]
51005	52 [1321]	42 [1067]	88 [2235]
51007			
51008			

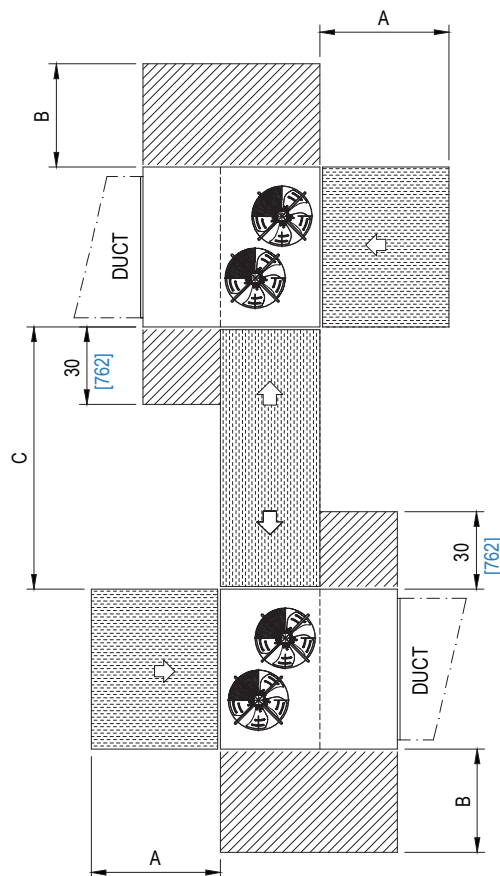
ALL DIMENSIONS ARE IN INCHES [MM]

Table 42



PACS-51005 to 51008

SINGLE UNIT



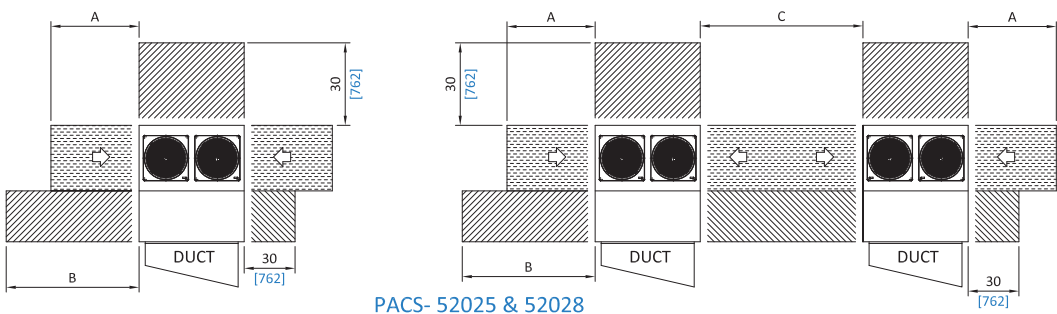
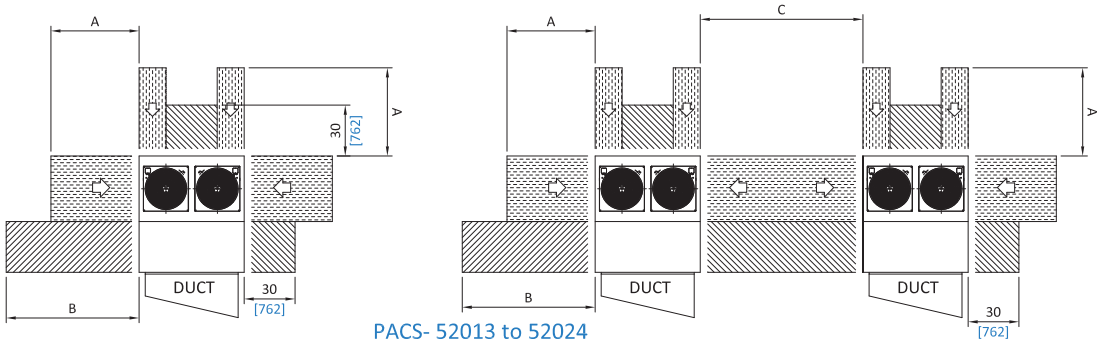
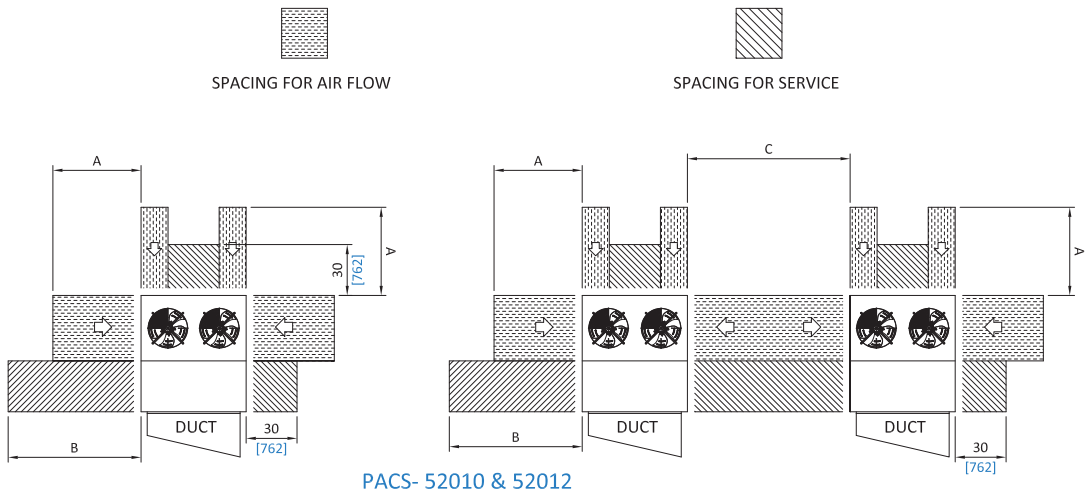
PACS-51005 to 51008

MULTIPLE UNIT

Recommended Clearances

MODEL PACS	A	B	C
52010	52 [1321]	60 [1524]	88 [2235]
52012		64 [1626]	
52013			
52015		74 [1880]	
52017			
52019		82 [2083]	
52020			
52024			
52025	68 [1727]	82 [2083]	120 [3048]
52028			

ALL DIMENSIONS ARE IN INCHES [MM] Table 43

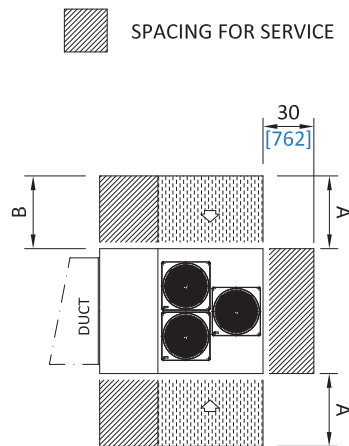


SINGLE UNIT INSTALLATION

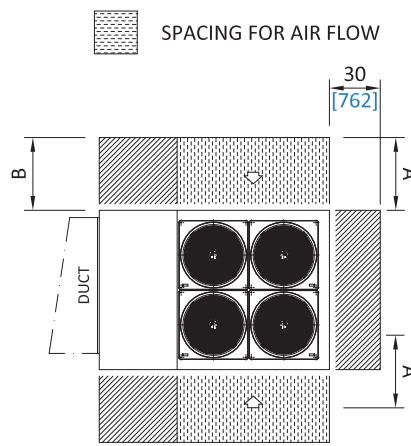
MULTIPLE UNIT INSTALLATION



Recommended Clearances



[PACS- 52034 & 52039](#)

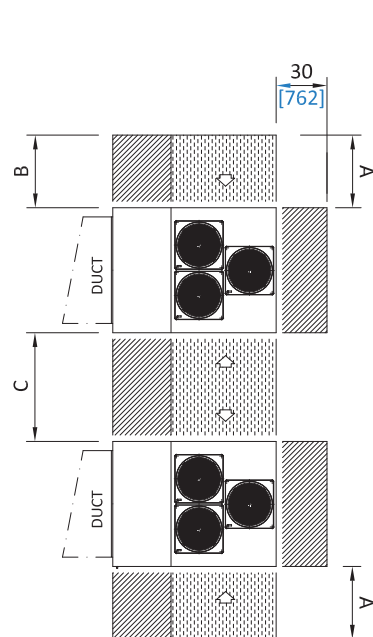


[PACS- 52045 to 52052](#)

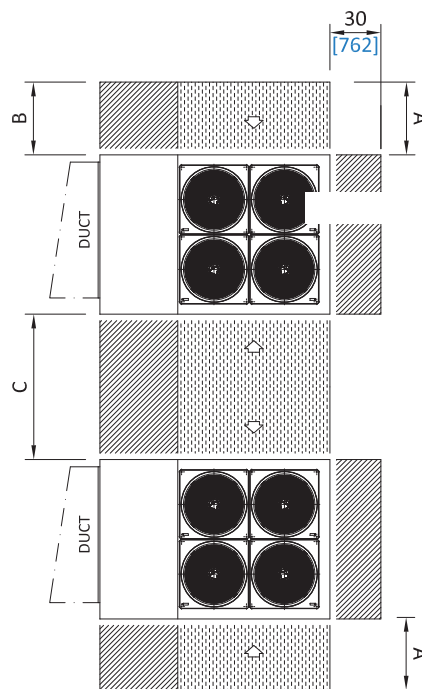
MODEL PACS	A	B	C
52034	79 [2007]	64 [1626]	112 [2845]
52039		68 [1727]	120 [3048]
52045		76 [1930]	136 [3454]
52049			
52052			

Table 44

SINGLE UNIT INSTALLATION



[PACS- 52034 & 52039](#)



[PACS- 52045 to 52052](#)

MULTIPLE UNIT INSTALLATION

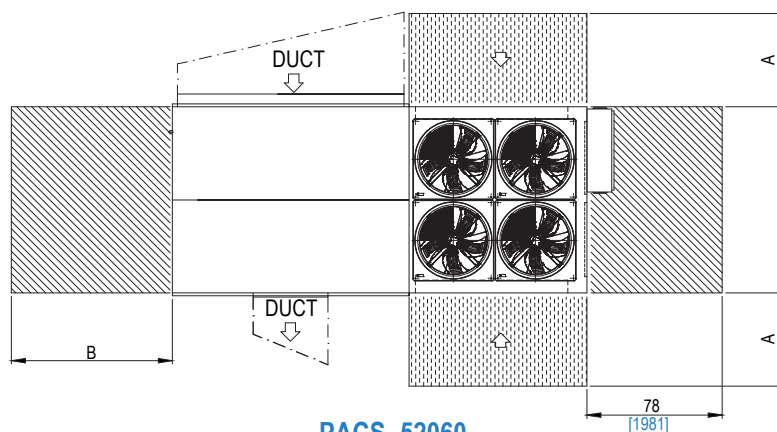
Recommended Clearances

MODEL PACS	A	B
52060	72 [1829]	92 [2337]
52065	84 [2134]	104 [2642]
52070		
52080		
52085		108 [2743]
52090		114 [2896]
52095		121 [3073]

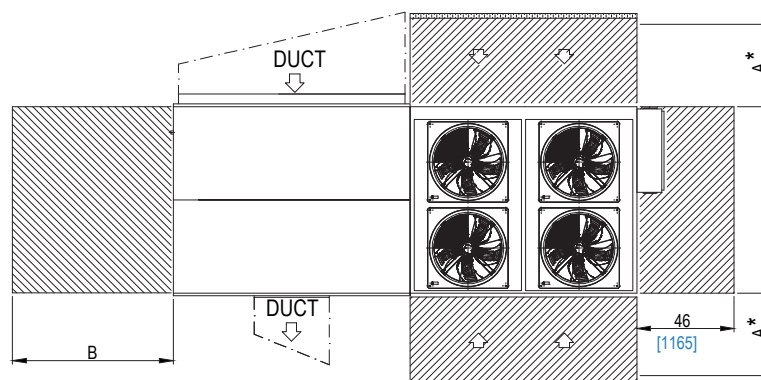
Table 45

ALL DIMENSIONS ARE IN INCHES [MM]

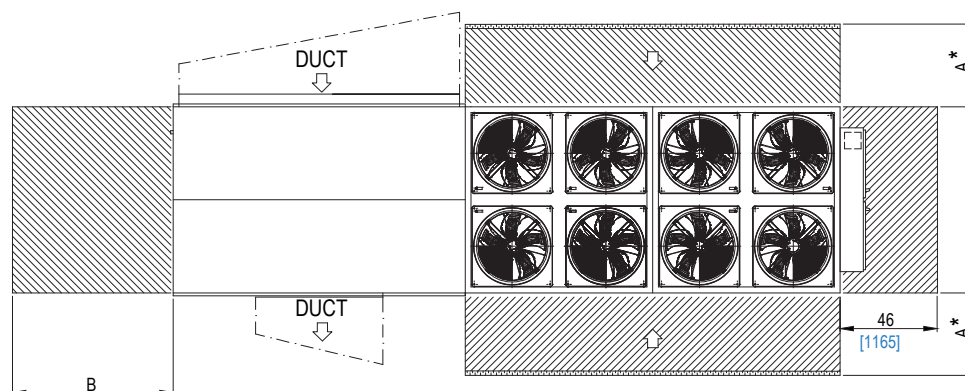
 SPACING FOR SERVICE
  SPACING FOR AIR FLOW



PACS- 52060



PACS- 52065 & 52070



PACS- 52080 to 52095

* SPACING FOR BOTH AIR FLOW AND SERVICE



Recommended Clearances - HIGH EFFICIENCY

MODEL PACS	A	B	C
51004G	44 [1118]	34 [864]	72 [1829]
51005G			
51007G		42 [1067]	
51008G	52 [1321]	60	88 [2235]
52010G		64 [1626]	
52012G			

ALL DIMENSIONS ARE IN INCHES [MM]

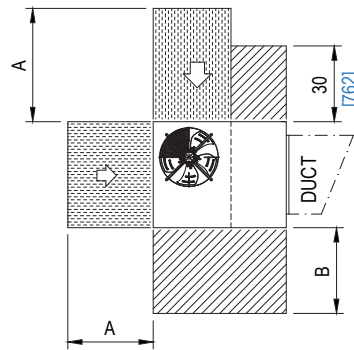
MODEL PACS	A	B	C
52013G		74 [1880]	
52015G			
52017G	52 [1321]		88 [2235]
52019G			
52020G / 52024G		82 [2083]	
52025G	76 [1930]		136 [3454]
52028G			

ALL DIMENSIONS ARE IN INCHES [MM]

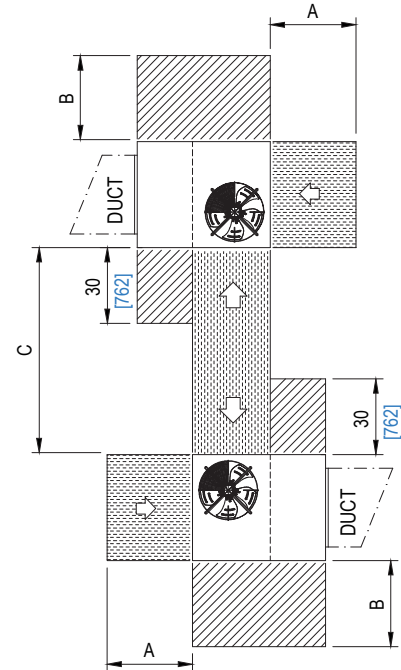
Table 46

SPACING FOR AIR FLOW

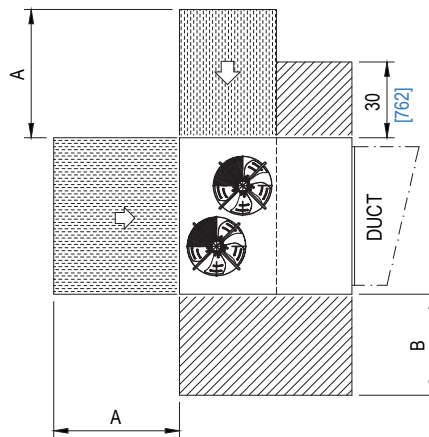
SPACING FOR SERVICE



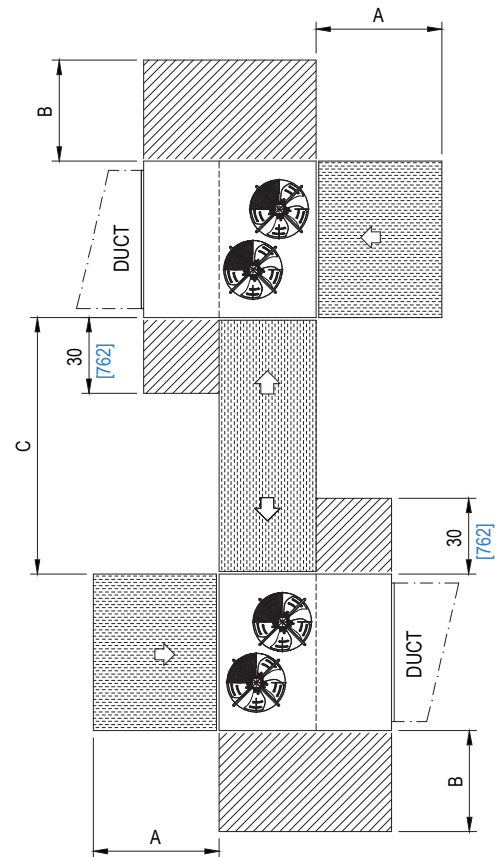
PACS-51004G



PACS-51004G



PACS-51005G to 51008G
SINGLE UNIT



PACS-51005G to 51008G
MULTIPLE UNIT

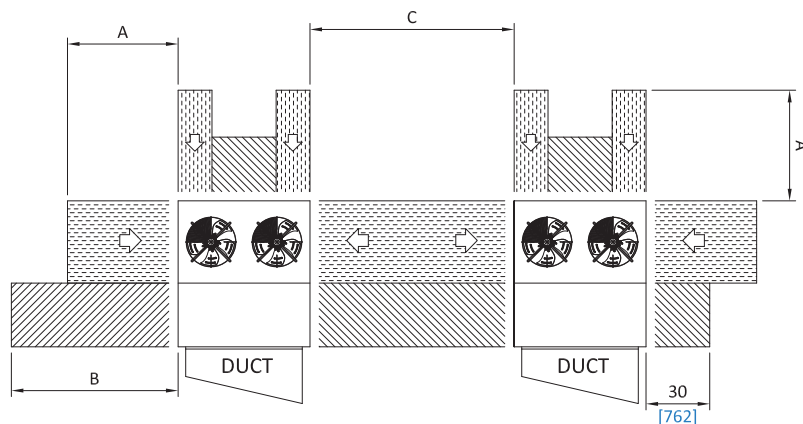
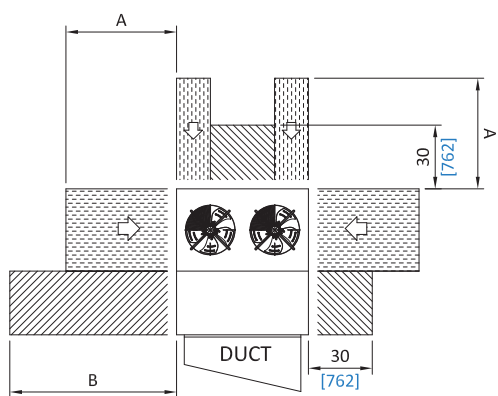
Recommended Clearances - HIGH EFFICIENCY



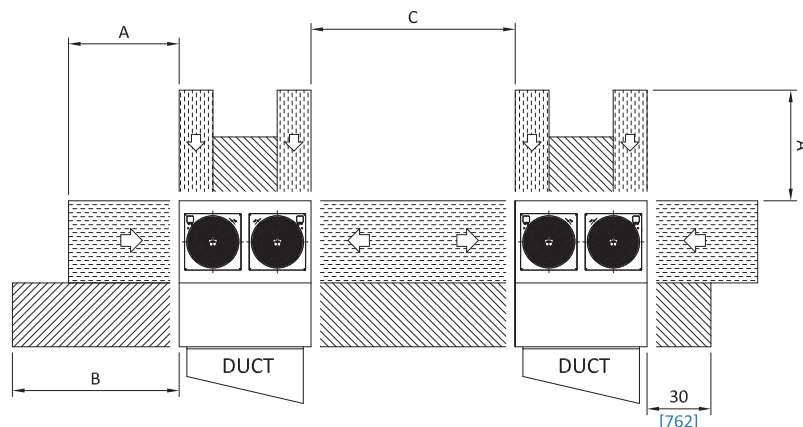
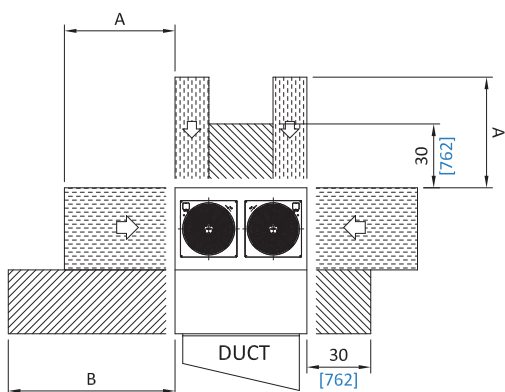
SPACING FOR AIR FLOW



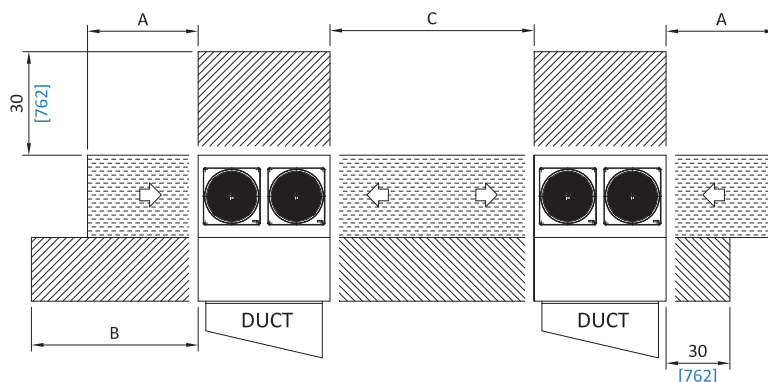
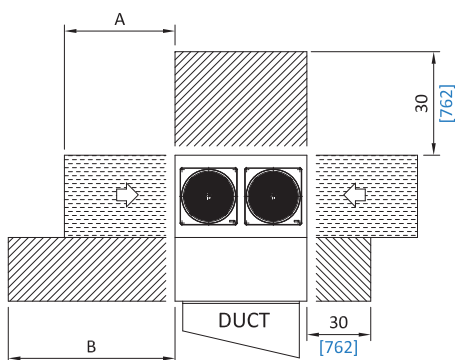
SPACING FOR SERVICE



[PACS- 52010G & 52012G](#)



[PACS- 52013G to 52024G](#)



[PACS- 52025G & 52028G](#)

SINGLE UNIT

MULTIPLE UNIT

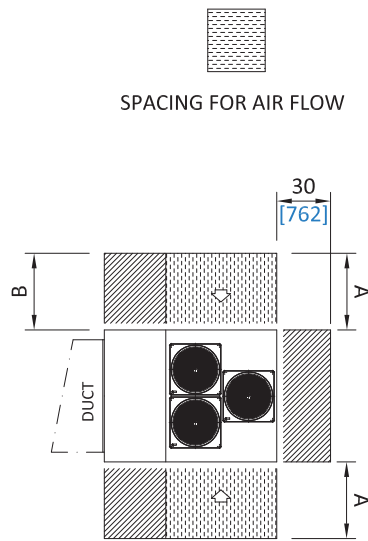


Recommended Clearances - HIGH EFFICIENCY

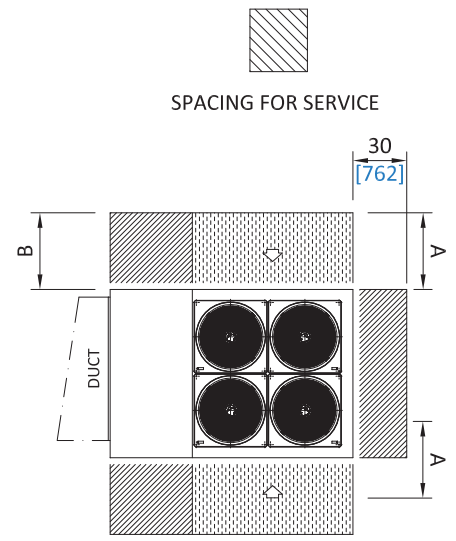
Table 47

MODEL PACS	A	B	C
52034G	68 [1727]		120 [3048]
52039G		79 [2007]	
52045G	76 [1930]		136 [3454]
52049G			

ALL DIMENSIONS ARE IN INCHES [MM]

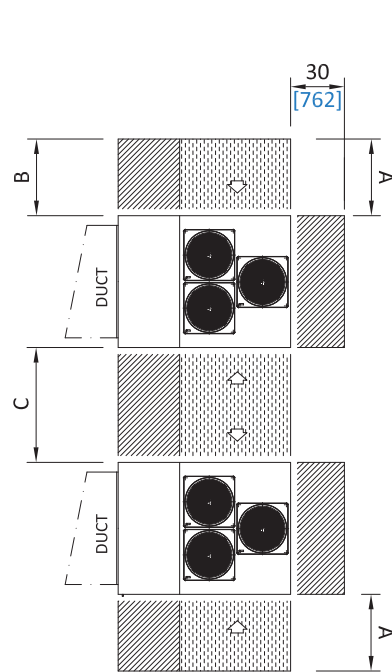


PACS- 52034G

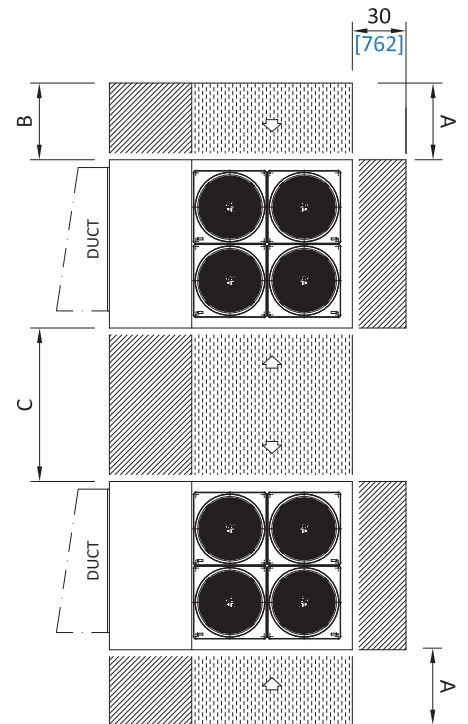


PACS- 52039G to 52049G

SINGLE UNIT INSTALLATION



PACS- 52034G



PACS- 52039G to 52049G

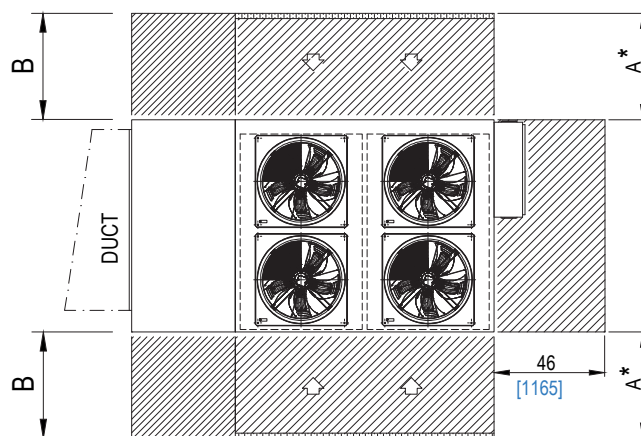
MULTIPLE UNIT INSTALLATION

Recommended Clearances - HIGH EFFICIENCY

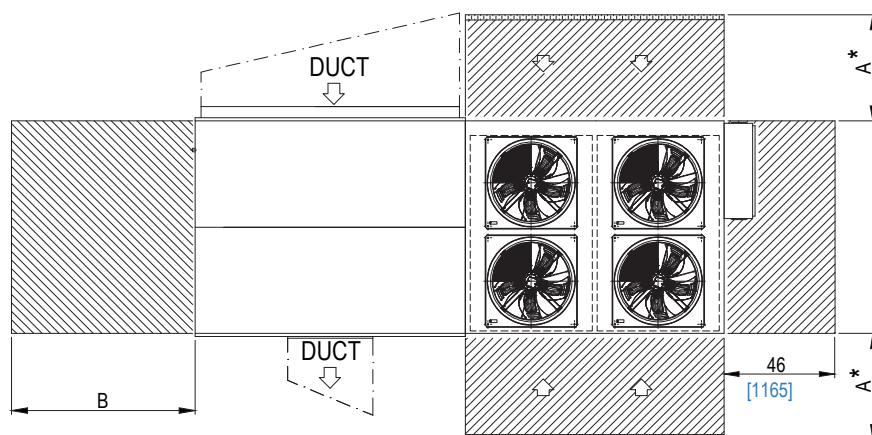
Table 48

MODEL PACS	A	B
52052G		81 [2057]
52060G		92 [2337]
52065G		
52070G	84 [2134]	104 [2642]
52080G		
52085G		108 [2743]
52090G		114 [2896]
52095G		121 [3073]

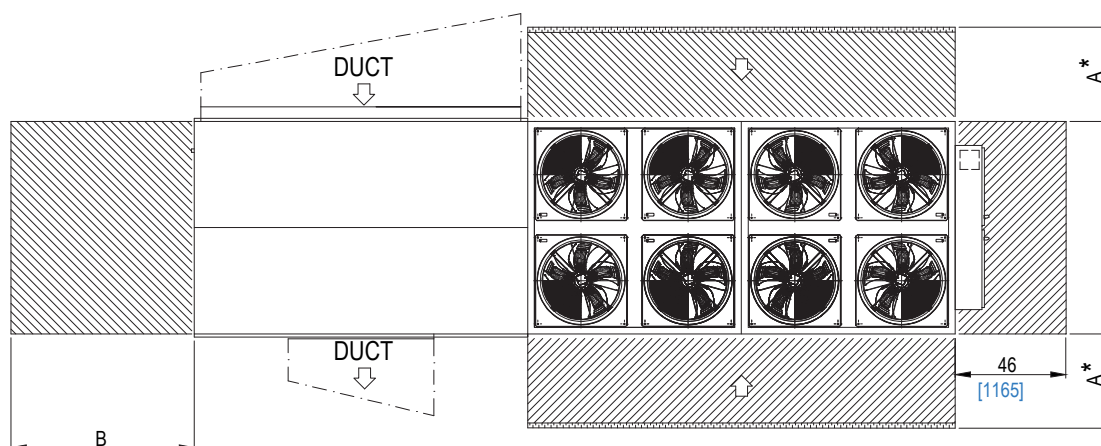
ALL DIMENSIONS ARE IN INCHES[MM]



PACS- 52052G



PACS- 52060G to 52070G



PACS- 52080G to 52095G

* SPACING FOR BOTH AIR FLOW AND SERVICE



GUIDE SPECIFICATIONS

GENERAL FEATURES

Packaged air conditioners shall be composed of compressor(s), condenser coil(s), evaporator coil, expansion valve(s), connecting piping, all necessary liquid line accessories and safety controls.

Unit shall be factory assembled, internally wired, fully refrigerant charged with R22 or R407C and thoroughly tested before delivery.

COMPRESSOR(S)

Compressor shall be hermetically sealed, compact high efficiency and low noise scroll type. These compressors are refrigerant gas cooled, furnished with advanced scroll temperature protection or internal motor protection.

CONDENSER COIL(S)

Condenser coils shall be air cooled with integral sub cooler, constructed of special inner grooved seamless copper tubes 3/8" OD mechanically expanded into Corrugated aluminium fins. These coils shall be tested against leakage by air pressure of 525psig (3620kPa) under water, cleaned & dehydrated at the factory.

CONDENSER FAN(S) & MOTOR(S)

Condenser Fans shall be direct driven propeller type discharging air vertically upward, equipped with statically & dynamically balanced aluminum alloy blades, inherent corrosion resistant shaft & PVC coated steel wire fan guard. Condenser fan motor(s) shall be Totally Enclosed Air Over (TEAO), 4 pole or 6 pole with class-F insulation, minimum IP-54 protection & wired to unit control panel.

EVAPORATOR COIL

Evaporator coil shall be constructed of seamless copper tubes mechanically bonded to aluminum (copper) Corrugated fins. Coil consists of headers of seamless copper tubing, thermostatic expansion valve(s) & multi-circuited distributor(s). These coils shall be tested against leakage by air pressure of 300 psig (2068 kPa) under water, cleaned & dehydrated at the factory. Coil shall conform to AHRI-410.

EVAPORATOR FAN(S) & MOTOR

Evaporator fan shall be forward curved, double inlet double width (DIDW) centrifugal type, statically and dynamically balanced, mounted on single heavy duty shaft with permanently lubricated bearings and belt driven by "V" belts with an adjustable variable pitch motor pulley up to 11 kW. Above 11 kW fixed pulleys shall be standard. Variable pitch pulleys shall be provided above 11kW motors, if so specified.

Motor shall be totally enclosed fan cooled (TEFC) 4 poles, class F insulated, minimum IP55 protected and factory wired to unit control panel.

REFRIGERANT PIPING

The refrigerant circuit piping shall be fabricated from ACR grade copper piping, with 1 & 2 independent refrigerant circuits, each liquid line shall include filter drier & thermostatic expansion valve. Suction line shall be insulated with 1/2" (12 mm) wall thickness enclosed cell pipe insulation with maximum k factor 0.28 Btu.in/ft²h°F (0.040 W / m °K).

CASING

Unit casing shall be made of zinc coated galvanized steel sheets conforming to JIS-G3302 and ASTM A653 which shall be phosphatized and then electrostatically dry powder coated of approx.60 microns to provide an extremely tough, scratch resistance, excellent anti-corrosive protection that can pass 1000 hrs in 5% salt spray testing at 95°F (35°C) and 95% relative humidity as per ASTM B117.

Evaporator section shall be sealed with vinyl gaskets and completely insulated faced with black glass tissue (BGT) heavy density, fire retardant, 32 Kg/m³ density having Max. K factor 0.23 Btu.in /ft².h.°F (0.033 W/mK) and permanent odorless fibre glass insulation of minimum 1" (25mm) thickness for models upto PACS-52052/62065 and 2" (50mm) thickness for models PACS-52060 onwards. Unit casing shall be provided with access panels for easy service and maintenance of all unit parts.

FILTER SECTION

Flat Filter Section incorporating 1" (25mm) thick is provided as standard and 2" (50mm) thick filter having an average arrestance efficiency of 54% as per ASHRAE Standard 52.1 or equivalent can be provided as an option.

CONTROL PANEL

The panel shall be factory wired and confirm to IP-54 requirements. Control panel shall contain compressor and motor starting contactors, electronic control board for unit operation, compressor anti-recycle time delay, control on/off switch, control circuit breaker, power & control terminal blocks and High & Low pressure protection.

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