

**25HPA5H**  
**Performance™ 15 Series Heat Pump**  
**with Puron® Refrigerant**  
**2 to 5 Nominal Tons (Sizes 24 to 60)**



Turn to the Experts™

## Product Data



Performance  
SERIES



Carrier's heat pumps with Puron® refrigerant provide a collection of features unmatched by any other family of equipment. The 25HPA has been designed utilizing Carrier's Puron® refrigerant. The environmentally sound refrigerant allows consumers to make a responsible decision in the protection of the earth's ozone layer.

As an Energy Star® Partner, Carrier Corporation has determined that this product meets the Energy Star® guidelines for energy efficiency. Refer to the combination ratings in the Product Data for system combinations that meet Energy Star® guidelines.

**NOTE: Ratings contained in this document are subject to change at any time. Always refer to the AHRI directory ([www.ahridirectory.org](http://www.ahridirectory.org)) for the most up-to-date ratings information.**

### INDUSTRY LEADING FEATURES / BENEFITS

#### ENERGY EFFICIENCY

- 15 SEER/13 EER/9 HSPF (Nominal)

#### AESTHETIC DESIGN

- WeatherArmor Ultra™
- Baked-on powder paint
- Steel louver coil guard
- Color matched cabinet screws

#### EXTRA QUIET OPERATION

- Silencer System II™ for sound as low as 68 dBA
  - Quiet mount split post compressor grommets
  - External silencer muffler
  - Exclusive Silencer top design
  - 8 Pole PSC ball-bearing condenser fan motor
  - Forward-swept condenser fan blade
  - Compressor blanket
  - Quiet shift defrost

#### RELIABILITY, QUALITY AND TOUGHNESS

- Scroll compressor
- Field-installed 16 cu. in. filter drier
- Back-seating service valves
- High-pressure switch
- Loss-of-charge switch
- Internal pressure-relief valve
- Internal thermal overload
- Suction line accumulator
- Vapor fog eliminator

#### CONTROLS AND DIAGNOSTICS

- Infinity™ Control compatible
- On-board Carrier diagnostics
- Up to 14 point diagnostic capability
- Long line accessory connections

#### APPLICATIONS

- Long-line - up to 250 feet (76.20 m) total equivalent length, up to 200 feet (60.96 m) condenser above evaporator, or up to 80 ft. (24.38 m) evaporator above condenser (See Longline Guide for more information.)
- Low ambient (down to -20°F/-28.9°C) with accessory kit

## MODEL NUMBER NOMENCLATURE

1	2	3	4	5	6	7	8	9	10	11	12	13
N	N	A	A	A/N	N	N	N	A/N	A/N	A/N	N	N
<b>2</b>	<b>5</b>	<b>H</b>	<b>P</b>	<b>A</b>	<b>5</b>	<b>3</b>	<b>6</b>	<b>H</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>
Product Series	Product Family	Tier	Major Series	SEER	Cooling Capacity	Variations	Open	Open	Open	Voltage	Minor Series	
25 = HP	H = RES HP	P= Performance	A = Puron	5=15 SEER		H = High HSPF	0=Not Defined	0=Not Defined	3=208/230-1	0, 1, 2...		



As an Energy Star® Partner, Carrier Corporation has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.

Refer to the combination ratings in Product Data for system combinations that meet Energy Star guidelines.

## STANDARD FEATURES

Feature	24	30	36	42	48	60
Puron® Refrigerant	X	X	X	X	X	X
15 SEER	X	X	X	X	X	
Scroll Compressor	X	X	X	X	X	X
Louvered Coil Guard	X	X	X	X	X	X
Field – Installed Filter Drier	X	X	X	X	X	X
Back – Seating Service Valves	X	X	X	X	X	X
Internal Pressure – Relief Valve	X	X	X	X	X	X
Internal Thermal Overload	X	X	X	X	X	X
Long Line capability	X	X	X	X	X	X
Low – ambient capability with Kit or Infinity™ Control	X	X	X	X	X	X
Suction Line Accumulator	X	X	X	X	X	X
High – Pressure Switch	X	X	X	X	X	X
Loss – of – Charge Switch	X	X	X	X	X	X

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## PHYSICAL DATA

UNIT SIZE SERIES	24-30	30-30	36-30	42-30	48-30	60-30
Operating Weight lb (kg)	231 (104.8)	249 (112.9)	266 (120.7)	292 (132.4)	304 (137.9)	323 (146.5)
Shipping Weight lb (kg)	265 (120.2)	284 (128.8)	301 (136.5)	327 (148.3)	340 (154.2)	360 (163.3)
Compressor Type	Scroll					
REFRIGERANT	Puron® (R-410A)					
Control	TXV (Puron Hard Shutoff)					
Charge lb (kg)	9.63 (4.37)	11.40 (5.17)	12.90 (5.85)	11.22 (5.09)	11.52 (5.23)	13.40 (6.08)
Heating Piston No.	46	52	59	63	67	73
COND FAN	Propeller Type, Direct Drive					
Air Discharge	Vertical					
Air Qty (CFM)	2595	2595	3265	3265	3673	3673
Motor HP	1/10	1/10	1/5	1/5	1/4	1/4
Motor RPM	800	800	800	800	800	800
COND COIL						
Face Area (Sq ft)	16.26	18.30	20.33	20.33	22.36	24.40
Fins per In.	20	20	20	20	20	20
Rows	2	2	2	2	2	2
Circuits	6	5	7	7	9	10
VALVE CONNECT. (In. ID)						
Vapor	5/8	3/4	3/4	7/8	7/8	7/8
Liquid	3/8					
REFRIGERANT TUBES (In. OD)						
Rated Vapor*	5/8	3/4	3/4	7/8	7/8	1-1/8
Liquid	3/8					

\*Units are rated with 25 ft (7.6 m) of lineset length. See Vapor Line Sizing and Cooling Capacity Loss table when using other sizes and lengths of lineset.

**Note:** See unit Installation Instruction for proper installation.

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### VAPOR LINE SIZING AND COOLING CAPACITY LOSS

**LONG LINE APPLICATION:** An application is considered "Long line" when the total equivalent tubing length exceeds 80 ft. (24.38 m) or when there is more than 20 ft. (6.09 m) vertical separation between indoor and outdoor units. These applications require additional accessories and system modifications for reliable system operation. The maximum allowable total equivalent length is up to 250 ft. (76.2 m). The maximum vertical separation is 200 ft.

(60.96 m) when outdoor unit is above indoor unit, and up to 80 ft. (24.38 m) when the outdoor unit is below the indoor unit. Refer to Accessory Usage Guideline below for required accessories. See Longline Application Guideline for required piping and system modifications. Also, refer to the table below for vapor tube diameters based on the total length to minimize the cooling capacity loss.

Unit Nominal Size (Btuh)	Maximum Liquid Line Diameters (In.) OD	Vapor Line Diameters (In.) OD	Cooling Capacity Loss (%) Total Equivalent Line Length ft. (m)								
			Standard Application		Long Line Application Requires Accessories						
			26-50 (7.9-15.2)	51-80 (15.5-24.4)	81-100 (24.7-30.5)	101-125 (30.8-38.1)	126-150 (38.4-45.7)	151-175 (46.0-50.3)	176-200 (53.6-60.0)	201-225 (61.3-68.6)	226-250 (68.9-76.2)
18,000 1-Stage Puron HP	3/8	1/2	1	2	3	4	6	7	8	9	10
		5/8	0	0	1	1	1	2	2	3	3
24,000 1-Stage Puron HP		5/8	0	1	1	2	3	3	4	4	5
		3/4	0	0	0	0	1	1	1	1	1
30,000 1-Stage Puron HP		5/8	1	2	3	3	4	5	6	7	8
		3/4	0	0	1	1	1	2	2	2	3
		7/8	0	0	0	0	1	1	1	1	1
36,000 1-Stage Puron HP		5/8	1	2	4	5	6	7	9	10	11
		3/4	0	0	1	1	2	2	3	3	4
		7/8	0	0	0	0	1	1	1	1	2
42,000 1-Stage Puron HP		3/4	0	1	2	2	3	4	4	5	6
		7/8	0	0	1	1	1	2	2	2	3
		3/4	0	1	2	3	4	5	5	6	7
48,000 1-Stage Puron HP		7/8	0	0	1	1	2	2	2	3	3
		3/4	1	2	4	5	6	7	9	10	11
60,000 1-Stage Puron HP		7/8	0	1	2	2	3	4	4	5	5
	1-1/8	0	0	0	1	1	1	1	1	1	

Applications in this area are long line. Accessories are required as shown recommended on Long Line Application Guidelines

Applications in this area may have height restrictions that limit allowable total equivalent length, when outdoor unit is below indoor unit. See Long Line Application Guidelines

# ACCESSORIES

KIT NUMBER	KIT NAME	24-30	30-30	36-30	42-30	48-30	60-30
KAACH1201AAA	CRANKCASE HEATER			S	S	S	S
KAACH1401AAA	CRANKCASE HEATER	S	S				
KAFT0101AAA	FREEZE THERMOSTAT	X	X	X	X	X	X
KSAHS1701AAA	HARD START (CAP/RELAY)	X	X	X	X	X	X
KHASS0706MPK	HP SNOW RACK (6 pk) (Available through RCD)	X	X	X	X	X	X
KHAIR0101AAA	ISOLATION RELAY	X	X	X	X	X	X
KSALA0301410	LOW-AMBIENT SWITCH	X	X	X	X	X	X
KHAOT0201SEC	OUTDOOR THERMOSTAT	X	X	X	X	X	X
KHAOT0301FST	OUTDOOR THERMOSTAT	X	X	X	X	X	X
KAACS0201PTC	PTC START ASSIST	X	X	X	X	X	X
KHALS0401LLS	SOLENOID VALVE	X	X	X	X	X	X
KSASF0101AAA	SUPPORT FEET	X	X	X	X	X	X
KAATD0101TDR	TIME DELAY RELAY	X	X	X	X	X	X
KSATX0201PUR	TXV (HSO)	X	X				
KSATX0301PUR	TXV (HSO)			X	X		
KSATX0401PUR	TXV (HSO)					X	
KSATX0501PUR	TXV (HSO)						X

X = Accessory S = Standard

## ACCESSORY THERMOSTATS

THERMOSTAT / SUBBASE PKG.	DESCRIPTION
TP-PRH-01	Programmable Thermostat
TP-NRH-01	Non-programmable Thermostat
TP-PHP-01	Performance Series Programmable HP Stat
TP-NHP-01	Performance Series Non-programmable HP Stat
TSTATCCPRH01-B*	Thermostat™ Control — Non-Programmable/Programmable Thermostat with Humidity Control (For use in Dual Fuel, AC, HP, and 2S applications. Includes Outdoor Air Temperature Sensor.)
TSTATCCPHH01-B*	HybridHeat™ (Dual Fuel) Thermostat — Auto Changeover, 7-Day Programmable, °F/°C, Includes Outdoor Sensor (TSTATXXSEN01-B)
TSTATCCPHP01-B	Thermostat — Auto Changeover, 7-Day Programmable, °F/°C, 2-Stage Heat, 1-Stage Cool
TSTATCCNHP01-C	Thermostat — Auto Changeover, Non-Programmable, °F/°C, 2-Stage Heat, 1-Stage Cool
TSTATCCSHP01	Standard Programmable Thermostat—Manual Changeover, 5-2 Day Programmable, °F/°C, 1-Stage Heat/1-Stage Cool
TSTATCCBHP01*-B	Builder's Thermostat — Heat Pump, Non-Programmable, °F/°C, 2-Stage Heat, 1-Stage Cool, Manual Changeover
TSTATXXSEN01-B**	Outdoor Air Temperature Sensor
TSTATXXNBP01	Backplate for Non-Programmable Thermostat
TSTATXXBP01	Backplate for Programmable Thermostat and Thermostat™ Control
TSTATXXSBP01	Backplate for Standard Programmable Thermostat
TSTATXXBBP01	Backplate for Builder's Thermostat
TSTATXXCNV10†	Thermostat Conversion Kit (4 to 5 Wire) — 10 Pack

\* Do not use in zoning heat pump applications.

\*\* Outdoor temperature sensor is an accessory for all Carrier electronic thermostats, except the non-programmable air conditioner version and builder's thermostats. It allows the temperature at a remote location (outdoors) to be displayed on the thermostat. The outdoor air temperature sensor must be used with the HybridHeat™ (dual fuel) thermostat.

† Thermostat conversion kit is a 24-vac accessory that can turn a 4-wire thermostat application into a 5-wire application. This kit can also be used to replace a broken thermostat wire, or add an extra wire when needed.

The outdoor air temperature sensor is included with the Thermostat Control and HybridHeat™ (dual fuel) thermostat.

INFINITY* CONTROLS	DESCRIPTION
SYSTXCCUID01-A*	Infinity Control Deluxe 7-Day Programmable (Wall-mounted system control.)
SYSTXCCUIZ01-A*	Infinity Control Deluxe Zoning 7-Day Programmable (Wall-mounted control for a multi-zone system.)
SYSTXCC4ZC01	Infinity 4-Zone Damper Control Module (Wall-mounted control for a four-zone system.)
SYSTXCCSMS01	Infinity Smart Sensor (Optional wall control used to monitor temperature and/or fan control in an individual zone.)
SYSTXCCRRS01	Infinity Remote Room Sensor (Monitors temperature in an individual zone.)
SYSTXCCSAM01	Infinity System Access Module (Hardware for wireless access and control via phone or internet.)
SYSTXCCNIM01	Infinity Network Interface Module (Connects Heat Recovery and Energy Recovery Ventilators on non-zoning applications.)
SYSTXXXBPU01	Decorative Back Plate for Infinity Control (Decorative wall plate.)

\* These Performance series units must use "A" revision or later to operate properly.

# ACCESSORY USAGE GUIDELINE

Accessory	REQUIRED FOR LOW-AMBIENT COOLING APPLICATIONS (Below 55°F / 12.8°C)	REQUIRED FOR LONG LINE APPLICATIONS* (Over 80 ft. / 24.38 m)	REQUIRED FOR SEA COAST APPLICATIONS (Within 2 miles / 3.22 km)
Accumulator	Standard	Standard	Standard
Ball Bearing Fan Motor	Yes†	No	No
Compressor Start Assist Capacitor and Relay	Yes	Yes	No
Crankcase Heater	Yes	Yes	No
Evaporator Freeze Thermostat	Yes	No	No
Hard Shutoff TXV	Yes	Yes	Yes
Isolation Relay	Yes	No	No
Liquid Line Solenoid Valve	No	See Long-Line Application Guideline	No
Motor Master® Control or Low Ambient Switch	Yes	No	No
Support Feet	Recommended	No	Recommended

\* For tubing line sets between 80 and 200 ft. (24.38 and 60.96 m) and/or 20 ft. (6.09 m) vertical differential, refer to Residential Split-System Longline Application Guideline.

† Additional requirement for Low-Ambient Controller (full modulation feature) MotorMaster® Control.

## Accessory Description and Usage (Listed Alphabetically)

### 1. Ball-Bearing Fan Motor

A fan motor with ball bearings which permits speed reduction while maintaining bearing lubrication.

Usage Guideline:

Required on all units when using MotorMaster®

### 2. Compressor Start Assist - Capacitor and Relay

Start capacitor and relay gives a "hard" boost to compressor motor at each start up.

Usage Guideline:

Required for reciprocating compressors in the following applications:

- Long line
- Low ambient cooling
- Hard shut off expansion valve on indoor coil
- Liquid line solenoid on indoor coil

Required for single-phase scroll compressors in the following applications:

- Long line
- Low ambient cooling

Suggested for all compressors in areas with a history of low voltage problems.

### 3. Compressor Start Assist — PTC Type

Solid state electrical device which gives a "soft" boost to the compressor at each start-up.

Usage Guideline:

Suggested in installations with marginal power supply.

### 4. Crankcase Heater

An electric resistance heater which mounts to the base of the compressor to keep the lubricant warm during off cycles. Improves compressor lubrication on restart and minimizes the chance of liquid slugging.

Usage Guideline:

- Required in low ambient cooling applications.
- Required in long line applications.
- Suggested in all commercial applications.

### 5. Evaporator Freeze Thermostat

An SPST temperature-actuated switch that stops unit operation when evaporator reaches freeze-up conditions.

Usage Guideline:

Required when low ambient kit has been added.

### 6. Isolation Relay

An SPDT relay which switches the low-ambient controller out of the outdoor fan motor circuit when the heat pump switches to heating mode.

Usage Guideline:

Required in all heat pumps where low ambient kit has been added.

### 7. Liquid-Line Solenoid Valve (LLS)

An electrically operated shutoff valve which stops and starts refrigerant liquid flow in response to compressor operation. It is to be installed at the outdoor unit to control refrigerant off cycle migration in the heating mode.

Usage Guideline:

An LLS is required in all long line heat pump applications to control refrigerant off cycle migration in the heating mode. See Long Line Guideline.

### 8. Low-Ambient Pressure Switch Kit

A long life pressure switch which is mounted to outdoor unit service valve. It is designed to cycle the outdoor fan motor in order to maintain head pressure within normal operating limits. The control will maintain working head pressure at low-ambient temperatures down to 0°F (-17.8°C) when properly installed.

Usage Guideline:

A Low-Ambient Pressure Switch or MotorMaster® Low-Ambient Controller must be used when cooling operation is used at outdoor temperatures below 55°F (12.8°C).

### 9. MotorMaster® Low-Ambient Controller

A fan-speed control device activated by a temperature sensor, designed to control condenser fan motor speed in response to the saturated, condensing temperature during operation in cooling mode only. For outdoor temperatures down to -20°F (-28.9°C), it maintains condensing temperature at 100°F ±10°F (37.8°C ± 6.5°C).

Usage Guideline:

A MotorMaster® Low Ambient Controller or Low-Ambient Pressure Switch must be used when cooling operation is used at outdoor temperatures below 55°F (12.8°C).

Suggested for all commercial applications.

## Accessory Description and Usage (Listed Alphabetically) - CONTINUED

### 10. Outdoor Air Temperature Sensor

Designed for use with Carrier Thermostats listed in this publication. This device enables the thermostat to display the outdoor temperature. This device also is required to enable special thermostat features such as auxiliary heat lock out.

Usage Guideline:

Suggested for all Carrier thermostats listed in this publication.

### 11. Outdoor Thermostat

An SPDT temperature-actuated switch which turns on supplemental electric heaters when outdoor air temperature drops below a user-selected set point.

Usage Guideline:

Electric supplemental heat applications in non-variable speed indoor units when electric heat staging is desired.

### 12. Secondary Outdoor Thermostat

An SPDT temperature-actuated switch which turns on third-stage of supplemental electric heaters when outdoor air temperature drops below the second-stage set point.

Usage Guideline:

Outdoor thermostat applications where electric heater is capable of three-stage operation.

### 13. Snow Stand

Coated wire rack which supports unit 18 in. (457.2 mm) above mounting pad to allow for drainage from unit base.

Usage Guideline:

Suggested in the following applications:

- Heat pump installations in heavy snowfall areas.
- Heat pump installations in snow drift locations.
- Heat pump installations in areas of prolonged subfreezing temperatures.
- All commercial installations.

### 14. Sound Hood

Wraparound sound reducing cover for the compressor. Reduces the sound level by about 2 dBA.

Usage Guideline:

Suggested when unit is installed closer than 15 ft. (4.577 m) to quiet areas, bedrooms, etc.

Suggested when unit is installed between two houses less than 10 ft. (3.05 m) apart.

### 15. Thermostatic Expansion Valve (TXV) Bi-Flow

A modulating flow-control valve which meters refrigerant liquid flow rate into the evaporator in response to the superheat of the refrigerant gas leaving the evaporator.

Usage Guideline:

Accessory required to meet ARI rating and system reliability, where indoor not equipped.

Required in all heat pump applications designed with Puron refrigerant.

### 16. Time-Delay Relay

An SPST delay relay which briefly continues operation of indoor blower motor to provide additional cooling after the compressor cycles off.

**Note:** Most indoor unit controls include this feature. For those that do not, use the guideline below.

Usage Guideline:

Accessory required to meet ARI rating, where indoor not equipped.

## ELECTRICAL DATA

UNIT SIZE – SERIES	V/PH	OPER VOLTS*		COMPR		FAN	MCA	MIN WIRE SIZE†	MIN WIRE SIZE†	MAX LENGTH ft (m)‡	MAX LENGTH ft (m)‡	MAX FUSE** or CKT BRK AMPS
		MAX	MIN	LRA	RLA	FLA		60° C	75° C	60° C	75° C	
		24–30	208/230/1	253	197	58.3		12.8	0.7	16.7	14	
30–30	73.0	19.4				0.7	24.9	12	12	50 (15.2)	48 (14.6)	40
36–30	79.0	17.4				1.1	22.8	12	12	55 (16.8)	52 (15.9)	40
42–30	109.0	20.3				1.1	26.5	10	10	75 (22.9)	72 (21.9)	40
48–30	117.0	23.6				1.3	30.9	8	10	101 (30.8)	62 (18.9)	50
60–30	134.0	26.3				1.3	34.2	8	10	91 (27.7)	56 (17.1)	50

\* Permissible limits of the voltage range at which the unit will operate satisfactorily

† If wire is applied at ambient greater than 30°C, consult table 310–16 of the NEC (ANSI/NFPA 70). The ampacity of non-metallic-sheathed cable (NM), trade name ROMEX, shall be that of 60°C conditions, per the NEC (ANSI/NFPA 70) Article 336–26. If other than uncoated (no-plated), 60 or 75°C insulation, copper wire (solid wire for 10 AWG or smaller, stranded wire for larger than 10 AWG) is used, consult applicable tables of the NEC (ANSI/NFPA 70).

‡ Length shown is as measured 1 way along wire path between unit and service panel for voltage drop not to exceed 2%.

\*\* Time-Delay fuse.

FLA – Full Load Amps

LRA – Locked Rotor Amps

MCA – Minimum Circuit Amps

RLA – Rated Load Amps

NOTE: Control circuit is 24–V on all units and requires external power source. Copper wire must be used from service disconnect to unit.

All motors/compressors contain internal overload protection.

Complies with 2001 requirements of ASHRAE Standards 90.1

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## A-WEIGHTED SOUND LEVEL (dBA)

UNIT SIZE – SERIES	STANDARD RATING	TYPICAL OCTAVE BAND SPECTRUM (without tone adjustment)						
		125	250	500	1000	2000	4000	8000
24–30	70	59	61	63	62	62	57	48.5
30–30	68	56.5	59.5	62.5	62	61	53.5	45.5
36–30	74	62.5	67	66	66	63.5	60.5	50.5
42–30	75	55.5	60	64	70	63	60	54.5
48–30	74	60	61	65.5	69	63	59.5	51.5
60–30	72	57	59.5	65	68	62.5	59.5	52.5

NOTE: Tested in accordance with ARI Standard 270–95 (not listed in ARI).

## CHARGING SUBCOOLING (TXV-TYPE EXPANSION DEVICE)


UNIT SIZE – SERIES	REQUIRED SUBCOOLING (°F)
24–30	11 (6.11)
30–30	11 (6.11)
36–30	12 (6.67)
42–30	9 (5.00)
48–30	10 (5.56)
60–30	13 (7.22)

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## DIMENSIONS - ENGLISH

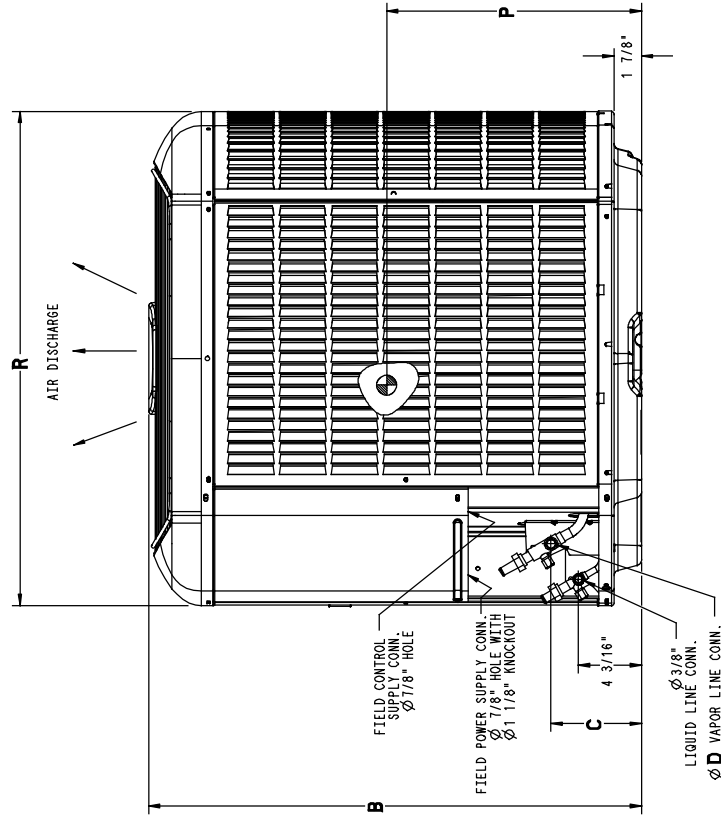
UNIT	SERIES	ELECTRICAL CHARACTERISTICS	A	B	C	D	E	F	G	K	L	M	N	P	R	OPERATING WEIGHT(lbs)	SHIPPING WEIGHT(lbs)	SHIPPING DIMENSIONS (L x W x H)
25HPA524H	0	X 0 0 0	35 1/2"	33 11/16"	6 1/16"	5/8"	6 13/16"	28 3/4"	11 5/8"	4 3/16"	1 1/8"	14"	16 3/4"	15 3/4"	40"	231	265	37 1/8" X 43 5/16" X 39 3/8"
25HPA530H	0	X 0 0 0	35 1/2"	37 1/8"	6 5/16"	3/4"	6 13/16"	28 3/4"	11 5/8"	4"	1 1/8"	15 3/4"	16 1/4"	16 1/4"	40"	249	284	37 1/8" X 43 5/16" X 42 3/4"
25HPA536H	0	X 0 0 0	35 1/2"	40 1/2"	6 5/16"	3/4"	6 13/16"	28 3/4"	11 5/8"	4"	1 1/8"	15 1/2"	19"	17"	40"	266	301	37 1/8" X 43 5/16" X 46 3/16"
25HPA542H	0	X 0 0 0	35 1/2"	40 1/2"	6 1/4"	7/8"	6 13/16"	28 3/4"	11 5/8"	4 1/16"	1 1/8"	16"	15 3/4"	15 3/4"	40"	292	327	37 1/8" X 43 5/16" X 46 3/16"
25HPA548H	0	X 0 0 0	35 1/2"	43 7/8"	6 1/4"	7/8"	6 13/16"	28 3/4"	11 5/8"	4 1/16"	1 1/8"	15 1/4"	16"	19 1/4"	40"	304	340	37 1/8" X 43 5/16" X 49 9/16"
25HPA560H	0	X 0 0 0	35 1/2"	47 5/16"	6 1/4"	7/8"	6 13/16"	28 3/4"	11 5/8"	4 1/16"	1 1/8"	16 1/4"	17 1/4"	18"	40"	323	360	37 1/8" X 43 5/16" X 50 13/16"

**NOTES:**

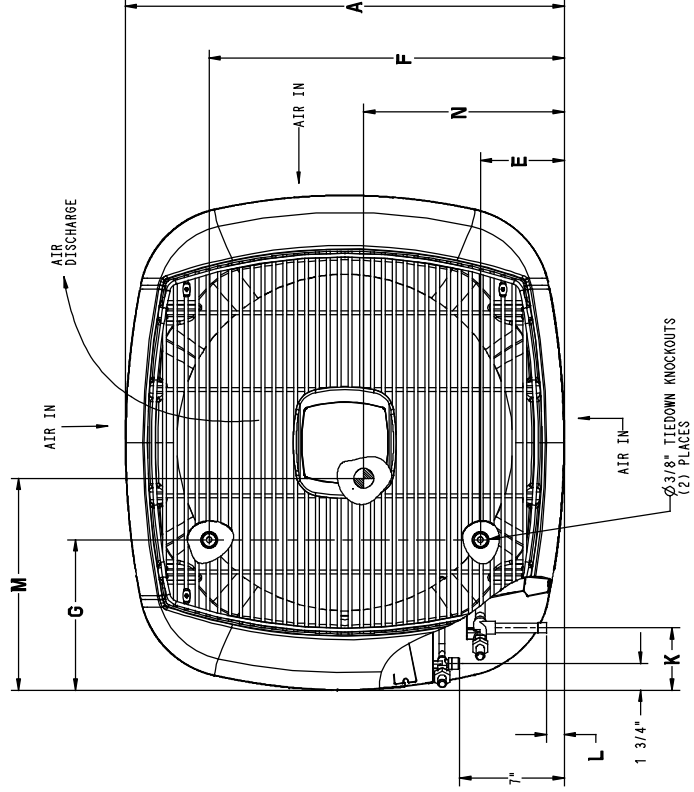
- ALLOW 30" CLEARANCE TO SERVICE SIDE OF UNIT, 48" ABOVE UNIT, 6" ON ONE SIDE, 12" ON REMAINING SIDE, AND 24" BETWEEN UNITS FOR PROPER AIRFLOW.
- MINIMUM OUTDOOR OPERATING AMBIENT IN COOLING MODE IS 55°F, MAX. 125°F.
- SERIES DESIGNATION IS THE 13TH POSITION OF THE UNIT MODEL NUMBER.
- CENTER OF GRAVITY 
- ALL DIMENSIONS ARE IN " INCHES" UNLESS NOTED.

X = YES  
0 = NO

208-230-160	230-160	208/230-3-60	460-3-60
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UNIT SIZE	MINIMUM MOUNTING PAD DIMENSIONS
24 THRU 60	29 1/2" X 33"
	36 1/2" X 40"




# DIMENSIONS - SI

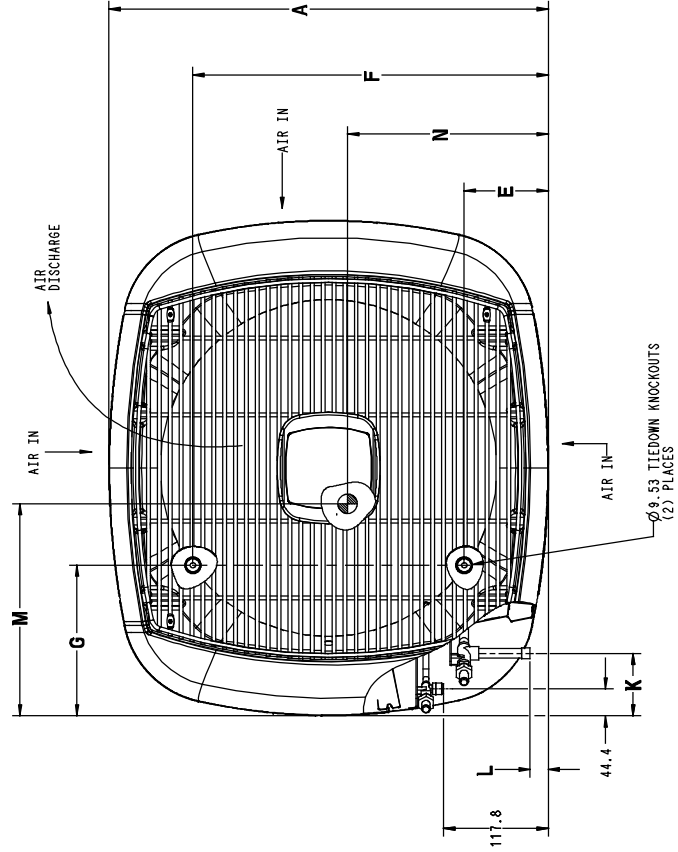
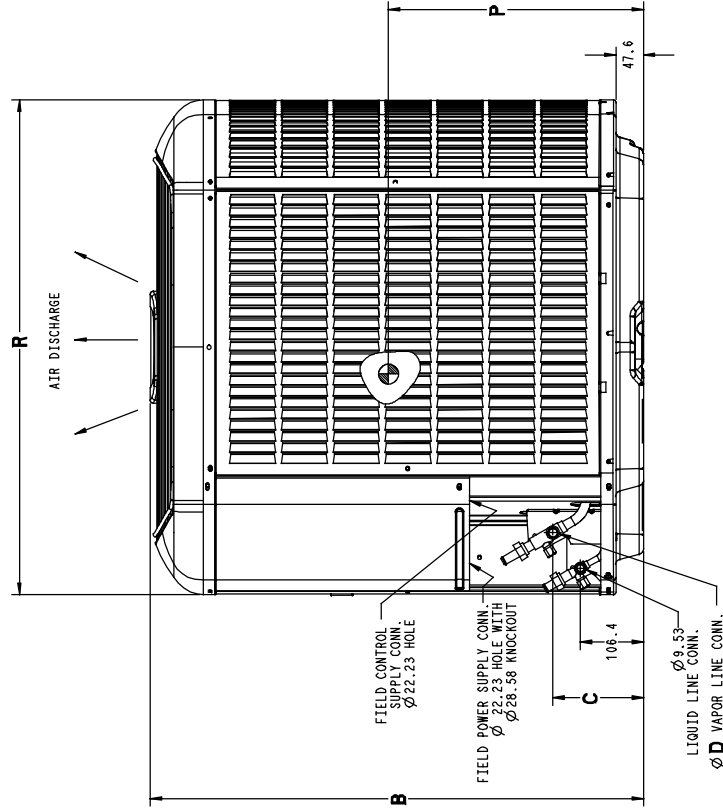
UNIT	SERIES	ELECTRICAL CHARACTERISTICS	A	B	C	D	E	F	G	K	L	M	N	P	R	OPERATING WEIGHT(KGS)	SHIPPING WEIGHT(KGS)	SHIPPING DIMENSIONS (L X W X H)
25HPA524H	0	X 0 0 0	901.7	855.7	154.0	15.9	173.0	730.2	295.3	106.4	28.6	355.6	425.4	400.0	1016.0	104.8	120.2	943.0 X 1100.2 X 1000.1
25HPA530H	0	X 0 0 0	901.7	943.0	160.4	19.0	173.0	730.2	295.3	101.6	28.6	400.0	412.8	412.8	1016.0	112.9	128.8	943.0 X 1100.2 X 1085.8
25HPA536H	0	X 0 0 0	901.7	1028.7	160.4	19.0	173.0	730.2	295.3	101.6	28.6	393.7	482.6	431.8	1016.0	120.7	136.5	943.0 X 1100.2 X 1173.2
25HPA542H	0	X 0 0 0	901.7	1028.7	158.8	22.2	173.0	730.2	295.3	103.2	28.6	406.4	400.0	400.0	1016.0	132.4	148.3	943.0 X 1100.2 X 1173.2
25HPA548H	0	X 0 0 0	901.7	1114.4	158.8	22.2	173.0	730.2	295.3	103.2	28.6	387.4	406.4	489.0	1016.0	137.9	154.2	943.0 X 1100.2 X 1258.9
25HPA560H	0	X 0 0 0	901.7	1201.8	158.8	22.2	173.0	730.2	295.3	103.2	28.6	412.8	438.2	457.2	1016.0	146.5	163.3	943.0 X 1100.2 X 1290.6

208-230-160	208-230-3-60	460-3-60
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X = YES  
O = NO

### NOTES:

1. ALLOW 762.0 CLEARANCE TO SERVICE SIDE OF UNIT, 1219.2 ABOVE UNIT, 152.4 ON ONE SIDE, 304.8 ON REMAINING SIDE, AND 609.6 BETWEEN UNITS FOR PROPER AIRFLOW.
2. MINIMUM OUTDOOR OPERATING AMBIENT IN COOLING MODE IS 13°C, MAX. 52°C.
3. SERIES DESIGNATION IS THE 13TH POSITION OF THE UNIT MODEL NUMBER.
4. CENTER OF GRAVITY .
5. ALL DIMENSIONS ARE IN "MM" UNLESS NOTED.

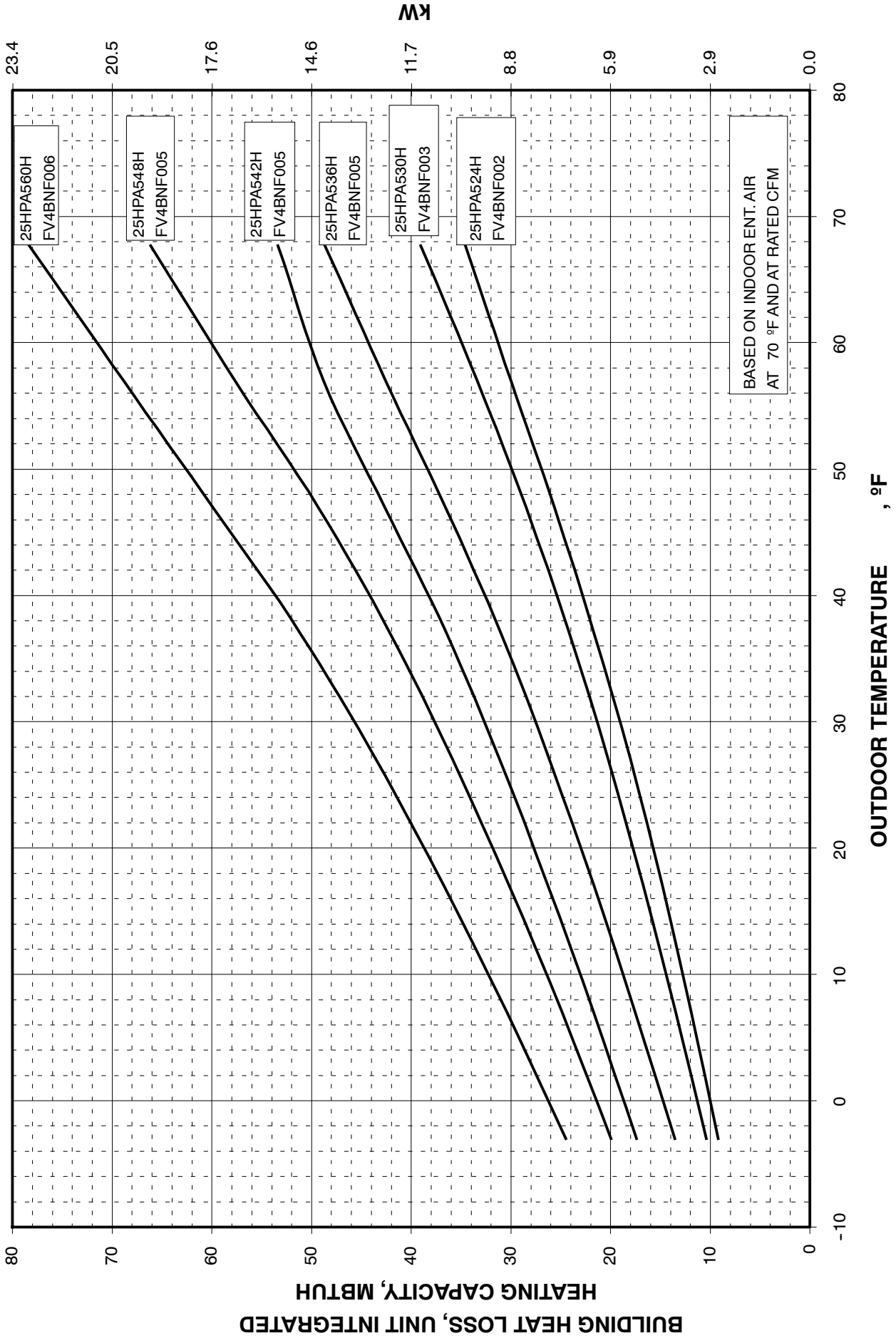


UNIT SIZE	MINIMUM MOUNTING PAD DIMENSIONS
24 THRU 60	749.3 X 838.2
	927.1 X 1016.0

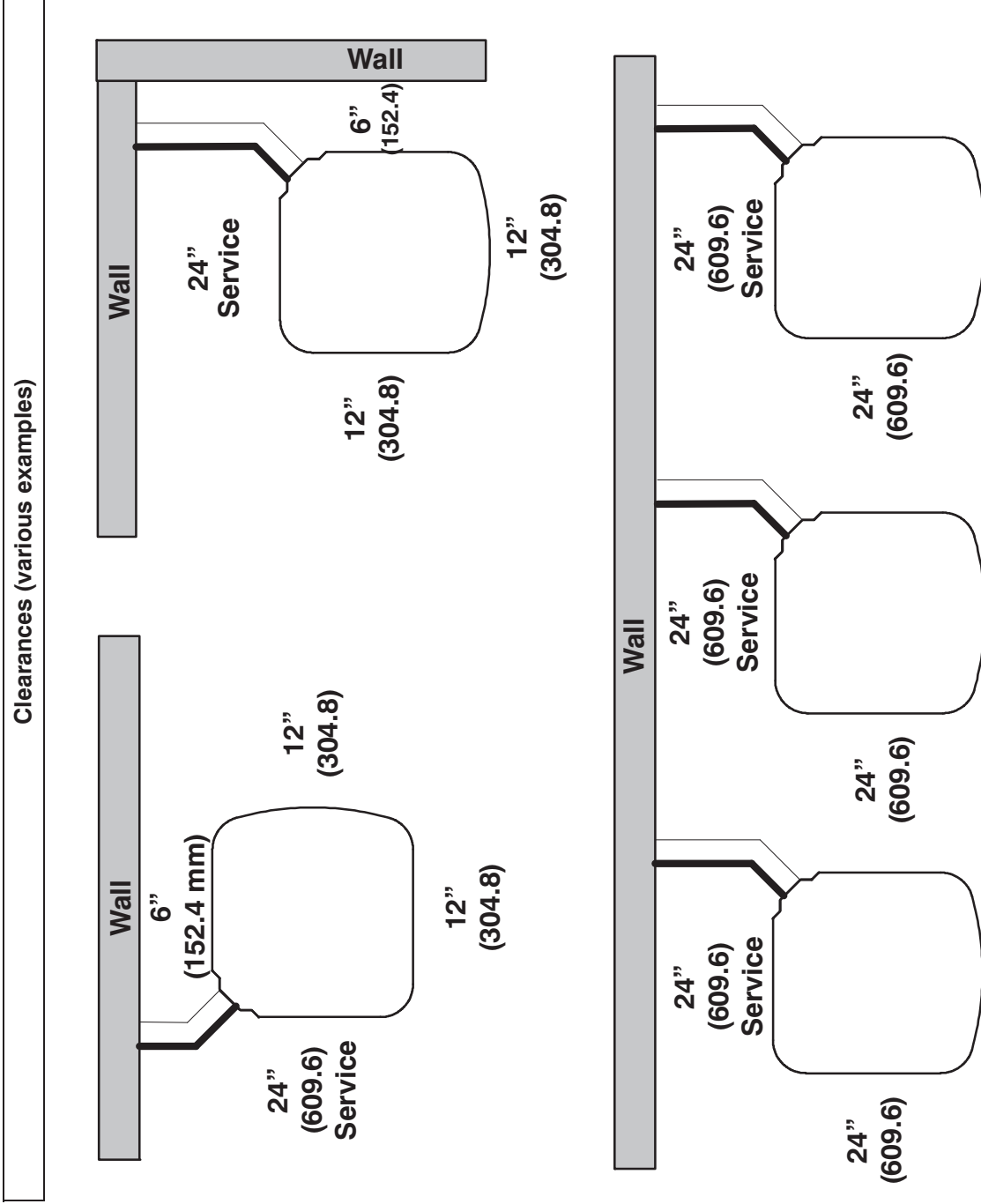
**25HPA5H**

**25HPA5H**

**25HPA5H BLANCE POINT WORKSHEET**



# CLEARANCES



Note: Numbers in ( ) = mm

# COMBINATION RATINGS

25HPA5H

ARI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cooling Capacity	EER	SEER	High Temp		HSPF	Low Temp	
							E Capacity	E COP		H Capacity	H COP
1169075	25HPA524H30	†FV4BNF002		23600	12.5	15.0	24000	4.00	9.0	15400	2.78
1125333	25HPA524H30	FE4AN(B,F)003+UI		23400	13.0	15.5	24000	3.94	9.0	15100	2.78
1125321	25HPA524H30	FE4ANF002+UI		23600	12.5	15.0	24000	4.00	9.0	15400	2.78
1125323	25HPA524H30	FF1ENP024		22400	10.8	13.0	24000	3.54	8.1	15700	2.50
1125335	25HPA524H30	FF1ENP030		22400	11.0	13.2	24000	3.54	8.1	15700	2.52
1169025	25HPA524H30	FV4BN(B,F)003		23600	13.0	15.5	24000	4.02	9.0	15200	2.80
1125329	25HPA524H30	FX4CNF024		22800	12.0	14.5	24000	3.70	8.4	15200	2.64
1125331	25HPA524H30	FX4CNF030		23000	12.0	15.0	24000	3.82	8.7	15200	2.70
1125325	25HPA524H30	FY4ANF024		22400	11.0	13.2	24000	3.52	8.1	15600	2.50
1125327	25HPA524H30	FY4ANF030		22600	11.2	13.5	24000	3.62	8.2	15700	2.56
1125185	25HPA524H30	CAP**2414A**	58CV(A,X)070-12	23000	12.0	14.5	24000	3.82	8.7	15400	2.68
3016301	25HPA524H30	CAP**2414A**	58PH*045-08	22400	12.0	14.8	24000	3.68	8.5	15000	2.64
1125183	25HPA524H30	CAP**2414A**+TDR		22600	11.0	13.2	24000	3.60	8.2	15700	2.54
1125191	25HPA524H30	CAP**2417A**	58CV(A,X)090-16	23200	12.0	15.0	24000	3.88	9.0	15200	2.72
3107324	25HPA524H30	CAP**2417A**	58MEB040-12	23000	12.0	15.0	24000	3.82	8.6	15000	2.70
3107325	25HPA524H30	CAP**2417A**	58MEB060-12	23000	12.0	15.0	24000	3.84	8.7	15100	2.72
3107326	25HPA524H30	CAP**2417A**	58MEB080-12	22800	12.0	15.0	24000	3.78	8.6	15000	2.70
1391320	25HPA524H30	CAP**2417A**	58MV(B,C)060-14	23000	12.0	15.0	24000	3.84	8.7	15300	2.70
1453282	25HPA524H30	CAP**2417A**	58UVB060-14	23000	12.0	15.0	24000	3.84	8.7	15300	2.70
1125187	25HPA524H30	CAP**2417A**+TDR		22600	11.0	13.2	24000	3.60	8.2	15700	2.54
1125193	25HPA524H30	CAP**3014A**	58CV(A,X)070-12	23400	12.0	15.0	24000	3.84	8.7	15400	2.72
3016302	25HPA524H30	CAP**3014A**	58PH*045-08	23000	12.0	15.0	24000	3.72	8.5	15100	2.66
1125309	25HPA524H30	CAP**3014A**+TDR		22800	11.2	13.5	24000	3.60	8.2	15800	2.56
1125197	25HPA524H30	CAP**3017A**	58CV(A,X)090-16	23400	12.5	15.0	24000	3.90	9.0	15200	2.76
3107327	25HPA524H30	CAP**3017A**	58MEB040-12	23200	12.5	15.5	24000	3.86	8.7	15100	2.74
3107328	25HPA524H30	CAP**3017A**	58MEB060-12	23400	12.5	15.3	24000	3.86	8.8	15100	2.74
3107329	25HPA524H30	CAP**3017A**	58MEB080-12	23200	12.5	15.3	24000	3.82	8.7	15100	2.72
1391323	25HPA524H30	CAP**3017A**	58MV(B,C)060-14	23400	12.0	15.0	24000	3.86	9.0	15300	2.74
3070581	25HPA524H30	CAP**3017A**	58MV(B,C)080-14	22600	12.0	15.0	24000	3.64	8.4	14800	2.64
1453284	25HPA524H30	CAP**3017A**	58UVB060-14	23400	12.0	15.0	24000	3.86	9.0	15300	2.74
1125311	25HPA524H30	CAP**3017A**+TDR		22800	11.2	13.5	24000	3.60	8.2	15800	2.56
1125261	25HPA524H30	CNPF*2418A**+TDR		22600	11.0	13.2	24000	3.68	8.3	15800	2.56
1125229	25HPA524H30	CNPH*2417A**	58CV(A,X)070-12	23000	12.0	14.5	24000	3.90	9.0	15400	2.70
1125231	25HPA524H30	CNPH*2417A**	58CV(A,X)090-16	23000	12.0	14.5	24000	3.92	9.0	15400	2.72
1125233	25HPA524H30	CNPH*2417A**	58CV(A,X)110-20	23200	12.0	14.5	24000	3.92	9.0	15400	2.72
1125235	25HPA524H30	CNPH*2417A**	58CV(A,X)135-22	23200	12.0	14.5	24000	3.94	9.0	15400	2.72
1125237	25HPA524H30	CNPH*2417A**	58CV(A,X)155-22	23200	12.0	15.0	24000	3.94	9.0	15400	2.74
3107336	25HPA524H30	CNPH*2417A**	58MEB040-12	22800	12.0	15.0	24000	3.82	8.7	15000	2.70
3107337	25HPA524H30	CNPH*2417A**	58MEB060-12	22800	12.0	15.0	24000	3.82	8.7	15100	2.70
3107338	25HPA524H30	CNPH*2417A**	58MEB080-12	22600	12.0	15.0	24000	3.80	8.6	15000	2.68
1391332	25HPA524H30	CNPH*2417A**	58MV(B,C)060-14	23000	12.0	14.5	24000	3.88	9.0	15400	2.70
1392782	25HPA524H30	CNPH*2417A**	58MV(B,C)080-14	23000	11.8	14.5	24000	3.88	9.0	15500	2.70
1394123	25HPA524H30	CNPH*2417A**	58MV(B,C)080-20	23000	12.0	14.5	24000	3.90	9.0	15400	2.70
1395859	25HPA524H30	CNPH*2417A**	58MV(B,C)100-20	23000	12.0	14.5	24000	3.92	9.0	15400	2.72
1397665	25HPA524H30	CNPH*2417A**	58MV(B,C)120-20	23000	12.0	14.5	24000	3.90	9.0	15400	2.72
3016305	25HPA524H30	CNPH*2417A**	58PH*045-08	22400	12.0	14.5	24000	3.72	8.5	15100	2.64
1125215	25HPA524H30	CNPH*2417A**+TDR		22600	11.0	13.2	24000	3.68	8.3	15800	2.56
1125251	25HPA524H30	CNPH*3017A**	58CV(A,X)070-12	23400	12.0	15.0	24000	3.86	9.0	15400	2.72
1125253	25HPA524H30	CNPH*3017A**	58CV(A,X)090-16	23400	12.5	15.0	24000	3.90	9.0	15300	2.76
1125255	25HPA524H30	CNPH*3017A**	58CV(A,X)110-20	23400	12.5	15.0	24000	3.90	9.0	15300	2.76
1125257	25HPA524H30	CNPH*3017A**	58CV(A,X)135-22	23600	12.5	15.0	24000	3.92	9.0	15300	2.76
1125259	25HPA524H30	CNPH*3017A**	58CV(A,X)155-22	23600	12.5	15.5	24000	3.92	9.0	15300	2.78
3107339	25HPA524H30	CNPH*3017A**	58MEB040-12	23200	12.5	15.3	24000	3.86	8.7	15100	2.74
3107340	25HPA524H30	CNPH*3017A**	58MEB060-12	23400	12.5	15.3	24000	3.88	8.8	15100	2.74
3107341	25HPA524H30	CNPH*3017A**	58MEB080-12	23200	12.5	15.3	24000	3.82	8.7	15100	2.72
1391335	25HPA524H30	CNPH*3017A**	58MV(B,C)060-14	23400	12.0	15.0	24000	3.86	9.0	15300	2.74
1392785	25HPA524H30	CNPH*3017A**	58MV(B,C)080-14	23400	12.0	15.0	24000	3.88	9.0	15400	2.74
1394126	25HPA524H30	CNPH*3017A**	58MV(B,C)080-20	23400	12.0	15.0	24000	3.86	9.0	15400	2.74
1395862	25HPA524H30	CNPH*3017A**	58MV(B,C)100-20	23400	12.0	15.0	24000	3.88	9.0	15300	2.74
1397668	25HPA524H30	CNPH*3017A**	58MV(B,C)120-20	23400	12.5	15.0	24000	3.88	9.0	15300	2.74
3016306	25HPA524H30	CNPH*3017A**	58PH*045-08	23000	12.0	15.0	24000	3.74	8.6	15100	2.68
1125317	25HPA524H30	CNPH*3017A**+TDR		22800	11.2	13.5	24000	3.62	8.3	15800	2.56
1125201	25HPA524H30	CNPV*2414A**	58CV(A,X)070-12	23000	12.0	14.5	24000	3.90	9.0	15400	2.70
3016303	25HPA524H30	CNPV*2414A**	58PH*045-08	22400	12.0	14.8	24000	3.72	8.5	15100	2.64
1125199	25HPA524H30	CNPV*2414A**+TDR		22600	11.0	13.2	24000	3.68	8.3	15800	2.56
1125207	25HPA524H30	CNPV*2417A**	58CV(A,X)090-16	23000	12.0	14.5	24000	3.92	9.0	15400	2.72
3107330	25HPA524H30	CNPV*2417A**	58MEB040-12	22800	12.0	15.0	24000	3.82	8.6	15000	2.70
3107331	25HPA524H30	CNPV*2417A**	58MEB060-12	22800	12.0	15.0	24000	3.82	8.7	15100	2.70
3107332	25HPA524H30	CNPV*2417A**	58MEB080-12	22600	12.0	15.0	24000	3.80	8.6	15000	2.68
1391326	25HPA524H30	CNPV*2417A**	58MV(B,C)060-14	23000	12.0	14.5	24000	3.88	9.0	15400	2.70

See notes on pg. 23

# COMBINATION RATINGS (CONT.)

ARI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cooling Capacity	EER	SEER	High Temp		HSPF	Low Temp	
							E Capacity	E COP		H Capacity	H COP
1453286	25HPA524H30	CNPV*2417A**	58UVB060-14	23000	12.0	14.5	24000	3.88	9.0	15400	2.70
1125203	25HPA524H30	CNPV*2417A**+TDR		22600	11.0	13.2	24000	3.68	8.3	15800	2.56
1125209	25HPA524H30	CNPV*3014A**	58CV(A,X)070-12	23400	12.0	14.5	24000	3.84	8.7	15400	2.70
3016304	25HPA524H30	CNPV*3014A**	58PH*045-08	22800	12.0	15.0	24000	3.70	8.5	15100	2.66
1125313	25HPA524H30	CNPV*3014A**+TDR		22800	11.2	13.5	24000	3.62	8.3	15800	2.56
1125213	25HPA524H30	CNPV*3017A**	58CV(A,X)090-16	23400	12.5	15.0	24000	3.90	9.0	15300	2.76
3107333	25HPA524H30	CNPV*3017A**	58MEB040-12	23200	12.5	15.3	24000	3.86	8.7	15100	2.74
3107334	25HPA524H30	CNPV*3017A**	58MEB060-12	23400	12.5	15.3	24000	3.88	8.8	15100	2.74
3107335	25HPA524H30	CNPV*3017A**	58MEB080-12	23200	12.5	15.3	24000	3.82	8.7	15100	2.72
1391329	25HPA524H30	CNPV*3017A**	58MV(B,C)060-14	23400	12.0	15.0	24000	3.86	9.0	15300	2.74
3070577	25HPA524H30	CNPV*3017A**	58MV(B,C)080-14	22800	12.0	15.0	24000	3.64	8.5	14900	2.64
1453288	25HPA524H30	CNPV*3017A**	58UVB060-14	23400	12.0	15.0	24000	3.86	9.0	15300	2.74
1125315	25HPA524H30	CNPV*3017A**+TDR		22800	11.2	13.5	24000	3.62	8.3	15800	2.56
1125277	25HPA524H30	CSPH*2412A**	58CV(A,X)070-12	23400	12.0	14.5	24000	3.92	9.0	15500	2.70
1125279	25HPA524H30	CSPH*2412A**	58CV(A,X)090-16	23400	12.0	15.0	24000	3.94	9.0	15400	2.74
1125281	25HPA524H30	CSPH*2412A**	58CV(A,X)110-20	23400	12.0	15.0	24000	3.94	9.0	15500	2.72
1125283	25HPA524H30	CSPH*2412A**	58CV(A,X)135-22	23400	12.0	15.0	24000	3.96	9.0	15400	2.74
1125285	25HPA524H30	CSPH*2412A**	58CV(A,X)155-22	23400	12.0	15.0	24000	3.96	9.0	15400	2.74
3107342	25HPA524H30	CSPH*2412A**	58MEB040-12	23000	12.0	15.0	24000	3.80	8.6	15000	2.68
3107343	25HPA524H30	CSPH*2412A**	58MEB060-12	23000	12.0	15.0	24000	3.82	8.6	15100	2.70
3107344	25HPA524H30	CSPH*2412A**	58MEB080-12	23000	12.0	15.0	24000	3.78	8.6	15000	2.68
1391338	25HPA524H30	CSPH*2412A**	58MV(B,C)060-14	23400	12.0	14.5	24000	3.90	9.0	15500	2.70
1392788	25HPA524H30	CSPH*2412A**	58MV(B,C)080-14	23400	12.0	14.5	24000	3.90	9.0	15500	2.70
1394129	25HPA524H30	CSPH*2412A**	58MV(B,C)080-20	23400	12.0	14.5	24000	3.92	9.0	15500	2.72
1395865	25HPA524H30	CSPH*2412A**	58MV(B,C)100-20	23400	12.0	15.0	24000	3.94	9.0	15400	2.72
1397671	25HPA524H30	CSPH*2412A**	58MV(B,C)120-20	23400	12.0	15.0	24000	3.92	9.0	15400	2.72
3016307	25HPA524H30	CSPH*2412A**	58PH*045-08	22800	12.0	14.5	24000	3.72	8.5	15100	2.64
1125263	25HPA524H30	CSPH*2412A**+TDR		22800	11.2	13.5	24000	3.70	8.4	15800	2.58
1125299	25HPA524H30	CSPH*3012A**	58CV(A,X)070-12	23400	12.0	15.0	24000	3.86	9.0	15400	2.72
1125301	25HPA524H30	CSPH*3012A**	58CV(A,X)090-16	23600	12.0	15.0	24000	3.90	9.0	15300	2.76
1125303	25HPA524H30	CSPH*3012A**	58CV(A,X)110-20	23600	12.0	15.0	24000	3.92	9.0	15400	2.74
1125305	25HPA524H30	CSPH*3012A**	58CV(A,X)135-22	23600	12.5	15.0	24000	3.92	9.0	15300	2.76
1125307	25HPA524H30	CSPH*3012A**	58CV(A,X)155-22	23600	12.5	15.0	24000	3.92	9.0	15300	2.76
3107345	25HPA524H30	CSPH*3012A**	58MEB040-12	23200	12.5	15.3	24000	3.82	8.7	15100	2.72
3107346	25HPA524H30	CSPH*3012A**	58MEB060-12	23400	12.5	15.3	24000	3.84	8.7	15100	2.72
3107347	25HPA524H30	CSPH*3012A**	58MEB080-12	23200	12.5	15.3	24000	3.80	8.6	15100	2.70
1391341	25HPA524H30	CSPH*3012A**	58MV(B,C)060-14	23400	12.0	15.0	24000	3.88	9.0	15400	2.72
1392791	25HPA524H30	CSPH*3012A**	58MV(B,C)080-14	23400	12.0	15.0	24000	3.88	9.0	15400	2.72
1394132	25HPA524H30	CSPH*3012A**	58MV(B,C)080-20	23400	12.0	15.0	24000	3.88	9.0	15400	2.72
1395868	25HPA524H30	CSPH*3012A**	58MV(B,C)100-20	23600	12.0	15.0	24000	3.90	9.0	15400	2.74
1397674	25HPA524H30	CSPH*3012A**	58MV(B,C)120-20	23400	12.0	15.0	24000	3.88	9.0	15300	2.74
3016308	25HPA524H30	CSPH*3012A**	58PH*045-08	23000	12.0	15.0	24000	3.72	8.6	15100	2.66
1125319	25HPA524H30	CSPH*3012A**+TDR		23000	11.2	13.5	24000	3.64	8.3	15800	2.56
1169027	25HPA530H30	†FV4BN(B,F)003		29200	13.0	15.0	28600	3.94	9.0	17600	2.72
1125501	25HPA530H30	FE4AN(B,F)003+UI		29200	13.0	15.0	28600	3.94	9.0	17600	2.72
1125503	25HPA530H30	FE4AN(B,F)005+UI		30000	13.0	16.0	28800	4.18	9.2	17700	2.82
1125499	25HPA530H30	FE4ANF002+UI		29000	12.5	15.0	29000	3.88	8.7	17800	2.66
1125505	25HPA530H30	FF1ENP030		28000	11.0	13.2	29200	3.54	8.1	18300	2.48
1125507	25HPA530H30	FF1ENP036		28600	11.2	13.5	29200	3.64	8.3	18200	2.54
1169029	25HPA530H30	FV4BN(B,F)005		30000	13.0	16.0	28800	4.18	9.2	17700	2.82
1125509	25HPA530H30	FV4BNF002		29000	12.5	15.0	29000	3.88	8.7	17800	2.66
1125497	25HPA530H30	FX4CN(B,F)036		29000	12.5	15.0	28800	3.88	8.7	17800	2.68
1125495	25HPA530H30	FX4CNF030		28400	11.5	14.0	29000	3.72	8.4	18000	2.58
1125491	25HPA530H30	FY4ANF030		28200	11.2	13.5	29200	3.64	8.2	18200	2.52
1125493	25HPA530H30	FY4ANF036		28400	11.2	13.5	29400	3.64	8.2	18400	2.52
1125339	25HPA530H30	CAP**3014A**	58CV(A,X)070-12	28600	12.0	14.5	28800	3.74	8.4	17900	2.60
1125337	25HPA530H30	CAP**3014A**+TDR		28200	11.2	13.5	29200	3.60	8.2	18200	2.52
1125345	25HPA530H30	CAP**3017A**	58CV(A,X)090-16	28800	12.5	15.0	28600	3.80	8.6	17600	2.66
3107348	25HPA530H30	CAP**3017A**	58MEB040-12	28600	12.5	15.3	28200	3.76	8.6	17400	2.66
3107349	25HPA530H30	CAP**3017A**	58MEB060-12	28600	12.5	15.3	28200	3.78	8.6	17400	2.66
3107350	25HPA530H30	CAP**3017A**	58MEB080-12	28600	12.5	15.3	28200	3.74	8.5	17400	2.64
3107351	25HPA530H30	CAP**3017A**	58MEB080-16	28800	12.5	15.3	28400	3.78	8.6	17500	2.66
1391344	25HPA530H30	CAP**3017A**	58MV(B,C)060-14	28800	12.5	15.0	28600	3.78	8.5	17700	2.64
3016309	25HPA530H30	CAP**3017A**	58PH*070-16	28400	12.0	14.5	28400	3.68	8.4	17500	2.60
1449545	25HPA530H30	CAP**3017A**	58UVB060-14	28800	12.5	15.0	28600	3.78	8.5	17700	2.64
1125341	25HPA530H30	CAP**3017A**+TDR		28200	11.2	13.5	29200	3.60	8.2	18200	2.52
1125349	25HPA530H30	CAP**3614A**	58CV(A,X)070-12	28800	12.0	14.5	28800	3.76	8.5	17900	2.62
1125347	25HPA530H30	CAP**3614A**+TDR		28400	11.2	13.5	29400	3.66	8.3	18400	2.54
1125355	25HPA530H30	CAP**3617A**	58CV(A,X)090-16	29000	12.5	15.0	28600	3.84	8.6	17700	2.68

25HPA5H

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# COMBINATION RATINGS (CONT.)

ARI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cooling Capacity	EER	SEER	High Temp		HSPF	Low Temp	
							E Capacity	E COP		H Capacity	H COP
3107352	25HPA530H30	CAP**3617A**	58MEB040-12	28800	12.5	15.3	28200	3.80	8.6	17400	2.66
3107353	25HPA530H30	CAP**3617A**	58MEB060-12	28800	12.5	15.3	28400	3.82	8.7	17500	2.66
3107354	25HPA530H30	CAP**3617A**	58MEB080-12	28600	12.5	15.3	28200	3.78	8.6	17400	2.66
3107355	25HPA530H30	CAP**3617A**	58MEB080-16	28800	12.5	15.3	28600	3.82	8.7	17600	2.66
1391347	25HPA530H30	CAP**3617A**	58MV(B,C)060-14	28800	12.5	15.0	28600	3.82	8.6	17700	2.66
3016310	25HPA530H30	CAP**3617A**	58PH*070-16	28400	12.5	15.0	28400	3.72	8.5	17500	2.62
1449548	25HPA530H30	CAP**3617A**	58UVB060-14	28800	12.5	15.0	28600	3.82	8.6	17700	2.66
1125351	25HPA530H30	CAP**3617A**+TDR		28400	11.2	13.5	29400	3.66	8.3	18400	2.54
1125365	25HPA530H30	CAP**3621A**	58CV(A,X)110-20	29000	12.5	15.0	28600	3.88	8.7	17600	2.70
1392794	25HPA530H30	CAP**3621A**	58MV(B,C)080-14	28800	12.0	14.5	28800	3.78	8.5	17800	2.64
1394135	25HPA530H30	CAP**3621A**	58MV(B,C)080-20	28800	12.5	15.0	28600	3.82	8.6	17700	2.66
1395871	25HPA530H30	CAP**3621A**	58MV(B,C)100-20	29000	12.5	15.0	28600	3.84	8.6	17700	2.68
3016311	25HPA530H30	CAP**3621A**	58PH*090-16	28800	12.5	15.0	28400	3.80	8.6	17500	2.66
1449557	25HPA530H30	CAP**3621A**	58UVB080-14	28800	12.0	14.5	28800	3.78	8.5	17800	2.64
1449563	25HPA530H30	CAP**3621A**	58UVB080-20	28800	12.5	15.0	28600	3.82	8.6	17700	2.66
1449569	25HPA530H30	CAP**3621A**	58UVB100-20	29000	12.5	15.0	28600	3.84	8.6	17700	2.68
1125357	25HPA530H30	CAP**3621A**+TDR		28400	11.2	13.5	29400	3.66	8.3	18400	2.54
1125441	25HPA530H30	CNPF*3618A**+TDR		28400	11.2	13.5	29400	3.64	8.3	18300	2.54
1125407	25HPA530H30	CNPH*3017A**	58CV(A,X)070-12	28800	12.0	14.5	28800	3.76	8.5	17800	2.62
1125409	25HPA530H30	CNPH*3017A**	58CV(A,X)090-16	28800	12.5	15.0	28600	3.82	8.6	17700	2.66
1125411	25HPA530H30	CNPH*3017A**	58CV(A,X)110-20	28800	12.5	15.0	28600	3.82	8.6	17700	2.66
1125413	25HPA530H30	CNPH*3017A**	58CV(A,X)135-22	28800	12.5	15.0	28600	3.82	8.6	17700	2.66
1125415	25HPA530H30	CNPH*3017A**	58CV(A,X)155-22	29000	12.5	15.0	28600	3.84	8.6	17600	2.68
3107364	25HPA530H30	CNPH*3017A**	58MEB040-12	28600	12.5	15.3	28200	3.76	8.6	17400	2.64
3107365	25HPA530H30	CNPH*3017A**	58MEB060-12	28600	12.5	15.3	28200	3.76	8.6	17400	2.64
3107366	25HPA530H30	CNPH*3017A**	58MEB080-12	28600	12.5	15.3	28200	3.74	8.5	17400	2.64
3107367	25HPA530H30	CNPH*3017A**	58MEB080-16	28800	12.5	15.3	28400	3.78	8.6	17500	2.66
1391356	25HPA530H30	CNPH*3017A**	58MV(B,C)060-14	28800	12.0	14.5	28600	3.78	8.5	17700	2.64
1392800	25HPA530H30	CNPH*3017A**	58MV(B,C)080-14	28600	12.0	14.5	28800	3.72	8.6	17900	2.60
1394141	25HPA530H30	CNPH*3017A**	58MV(B,C)080-20	28800	12.0	14.5	28800	3.78	8.5	17800	2.64
1395877	25HPA530H30	CNPH*3017A**	58MV(B,C)100-20	28800	12.0	14.5	28800	3.80	8.5	17800	2.64
1397677	25HPA530H30	CNPH*3017A**	58MV(B,C)120-20	28800	12.5	15.0	28600	3.78	8.5	17700	2.64
1125395	25HPA530H30	CNPH*3017A**	58MVB040-14	28600	12.0	14.5	28800	3.74	8.4	17800	2.62
3016315	25HPA530H30	CNPH*3017A**	58PH*070-16	28400	12.0	14.5	28400	3.68	8.4	17500	2.60
3016316	25HPA530H30	CNPH*3017A**	58PH*090-16	28400	12.5	15.0	28200	3.72	8.5	17400	2.62
1125393	25HPA530H30	CNPH*3017A**+TDR		28400	11.2	13.5	29200	3.62	8.4	18200	2.52
1125431	25HPA530H30	CNPH*3617A**	58CV(A,X)070-12	28800	12.0	14.5	28800	3.76	8.5	17800	2.62
1125433	25HPA530H30	CNPH*3617A**	58CV(A,X)090-16	28800	12.5	15.0	28600	3.82	8.6	17700	2.66
1125435	25HPA530H30	CNPH*3617A**	58CV(A,X)110-20	28800	12.5	15.0	28600	3.82	8.6	17700	2.66
1125437	25HPA530H30	CNPH*3617A**	58CV(A,X)135-22	28800	12.5	15.0	28600	3.82	8.6	17700	2.66
1125439	25HPA530H30	CNPH*3617A**	58CV(A,X)155-22	29000	12.5	15.0	28600	3.84	8.6	17600	2.68
3107368	25HPA530H30	CNPH*3617A**	58MEB040-12	28600	12.5	15.3	28200	3.76	8.6	17400	2.64
3107369	25HPA530H30	CNPH*3617A**	58MEB060-12	28600	12.5	15.3	28200	3.76	8.6	17400	2.64
3107370	25HPA530H30	CNPH*3617A**	58MEB080-12	28600	12.5	15.3	28200	3.74	8.5	17400	2.64
3107371	25HPA530H30	CNPH*3617A**	58MEB080-16	28800	12.5	15.3	28400	3.78	8.6	17500	2.66
1391359	25HPA530H30	CNPH*3617A**	58MV(B,C)060-14	28800	12.0	14.5	28600	3.78	8.5	17700	2.64
1392803	25HPA530H30	CNPH*3617A**	58MV(B,C)080-14	28600	12.0	14.5	28800	3.72	8.6	17900	2.60
1394144	25HPA530H30	CNPH*3617A**	58MV(B,C)080-20	28800	12.0	14.5	28800	3.78	8.5	17800	2.64
1395880	25HPA530H30	CNPH*3617A**	58MV(B,C)100-20	28800	12.0	14.5	28800	3.80	8.5	17800	2.64
1397680	25HPA530H30	CNPH*3617A**	58MV(B,C)120-20	28800	12.5	15.0	28600	3.78	8.5	17700	2.64
1125419	25HPA530H30	CNPH*3617A**	58MVB040-14	28600	12.0	14.5	28800	3.74	8.4	17800	2.62
3016317	25HPA530H30	CNPH*3617A**	58PH*070-16	28400	12.0	14.8	28400	3.68	8.4	17500	2.60
3016318	25HPA530H30	CNPH*3617A**	58PH*090-16	28400	12.5	15.0	28200	3.72	8.5	17400	2.62
1125417	25HPA530H30	CNPH*3617A**+TDR		28400	11.2	13.5	29400	3.64	8.3	18300	2.54
1125369	25HPA530H30	CNPV*3014A**	58CV(A,X)070-12	28600	11.5	14.0	28800	3.72	8.4	17900	2.60
1125367	25HPA530H30	CNPV*3014A**+TDR		28400	11.2	13.5	29200	3.62	8.2	18200	2.52
1125375	25HPA530H30	CNPV*3017A**	58CV(A,X)090-16	28800	12.5	15.0	28600	3.82	8.6	17700	2.66
3107356	25HPA530H30	CNPV*3017A**	58MEB040-12	28600	12.5	15.3	28200	3.76	8.6	17400	2.64
3107357	25HPA530H30	CNPV*3017A**	58MEB060-12	28600	12.5	15.3	28200	3.76	8.6	17400	2.64
3107358	25HPA530H30	CNPV*3017A**	58MEB080-12	28600	12.5	15.3	28200	3.74	8.5	17400	2.64
3107359	25HPA530H30	CNPV*3017A**	58MEB080-16	28800	12.5	15.3	28400	3.78	8.6	17500	2.66
1391350	25HPA530H30	CNPV*3017A**	58MV(B,C)060-14	28800	12.0	14.5	28600	3.78	8.5	17700	2.64
3016312	25HPA530H30	CNPV*3017A**	58PH*070-16	28400	12.0	14.5	28400	3.68	8.4	17500	2.60
1449551	25HPA530H30	CNPV*3017A**	58UVB060-14	28800	12.0	14.5	28600	3.78	8.5	17700	2.64
1125371	25HPA530H30	CNPV*3017A**+TDR		28400	11.2	13.5	29200	3.62	8.2	18200	2.52
1125381	25HPA530H30	CNPV*3617A**	58CV(A,X)090-16	28800	12.5	15.0	28600	3.82	8.6	17700	2.66
3107360	25HPA530H30	CNPV*3617A**	58MEB040-12	28600	12.5	15.3	28200	3.76	8.6	17400	2.64
3107361	25HPA530H30	CNPV*3617A**	58MEB060-12	28600	12.5	15.3	28200	3.76	8.6	17400	2.64
3107362	25HPA530H30	CNPV*3617A**	58MEB080-12	28600	12.5	15.3	28200	3.74	8.5	17400	2.64
3107363	25HPA530H30	CNPV*3617A**	58MEB080-16	28800	12.5	15.3	28400	3.78	8.6	17500	2.66

See notes on pg. 23

# COMBINATION RATINGS (CONT.)

ARI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cooling Capacity	EER	SEER	High Temp		HSPF	Low Temp	
							E Capacity	E COP		H Capacity	H COP
1391353	25HPA530H30	CNPV*3617A**	58MV(B,C)060-14	28800	12.0	14.5	28600	3.78	8.5	17700	2.64
3016313	25HPA530H30	CNPV*3617A**	58PH*070-16	28400	12.0	14.8	28400	3.68	8.4	17500	2.60
1449554	25HPA530H30	CNPV*3617A**	58UVB060-14	28800	12.0	14.5	28600	3.78	8.5	17700	2.64
1125377	25HPA530H30	CNPV*3617A**+TDR		28400	11.2	13.5	29400	3.64	8.3	18300	2.54
1125391	25HPA530H30	CNPV*3621A**	58CV(A,X)110-20	28800	12.5	15.0	28600	3.82	8.6	17700	2.66
1392797	25HPA530H30	CNPV*3621A**	58MV(B,C)080-14	28600	12.0	14.5	28800	3.74	8.4	17900	2.60
1394138	25HPA530H30	CNPV*3621A**	58MV(B,C)080-20	28800	12.0	14.5	28800	3.78	8.5	17800	2.64
1395874	25HPA530H30	CNPV*3621A**	58MV(B,C)100-20	28800	12.5	15.0	28600	3.80	8.5	17700	2.64
3016314	25HPA530H30	CNPV*3621A**	58PH*090-16	28400	12.5	15.0	28200	3.72	8.5	17400	2.62
1449560	25HPA530H30	CNPV*3621A**	58UVB080-14	28600	12.0	14.5	28800	3.74	8.4	17900	2.60
1449566	25HPA530H30	CNPV*3621A**	58UVB080-20	28800	12.0	14.5	28800	3.78	8.5	17800	2.64
1449572	25HPA530H30	CNPV*3621A**	58UVB100-20	28800	12.5	15.0	28600	3.80	8.5	17700	2.64
3006302	25HPA530H30	CNPV*3621A**	58VMR105112	28000	12.5	15.0	27800	3.80	8.3	16900	2.62
1125383	25HPA530H30	CNPV*3621A**+TDR		28400	11.2	13.5	29400	3.64	8.3	18300	2.54
1125457	25HPA530H30	CSPH*3012A**	58CV(A,X)070-12	28800	12.0	14.5	28800	3.78	8.5	17900	2.62
1125459	25HPA530H30	CSPH*3012A**	58CV(A,X)090-16	29000	12.5	15.0	28800	3.82	8.6	17800	2.66
1125461	25HPA530H30	CSPH*3012A**	58CV(A,X)110-20	29000	12.5	15.0	28800	3.82	8.6	17800	2.66
1125463	25HPA530H30	CSPH*3012A**	58CV(A,X)135-22	29000	12.5	15.0	28800	3.84	8.6	17800	2.66
1125465	25HPA530H30	CSPH*3012A**	58CV(A,X)155-22	29000	12.5	15.0	28800	3.84	8.6	17700	2.68
3107372	25HPA530H30	CSPH*3012A**	58MEB040-12	28600	12.5	15.3	28200	3.76	8.5	17400	2.64
3107373	25HPA530H30	CSPH*3012A**	58MEB060-12	28600	12.5	15.3	28400	3.76	8.6	17500	2.64
3107374	25HPA530H30	CSPH*3012A**	58MEB080-12	28600	12.5	15.3	28200	3.74	8.5	17400	2.64
3107375	25HPA530H30	CSPH*3012A**	58MEB080-16	28800	12.5	15.0	28400	3.78	8.6	17600	2.64
1391362	25HPA530H30	CSPH*3012A**	58MV(B,C)060-14	28800	12.0	14.5	28800	3.80	8.5	17800	2.64
1392806	25HPA530H30	CSPH*3012A**	58MV(B,C)080-14	28800	12.0	14.5	29000	3.74	8.4	17900	2.60
1394147	25HPA530H30	CSPH*3012A**	58MV(B,C)080-20	28800	12.0	14.5	28800	3.78	8.5	17900	2.64
1395883	25HPA530H30	CSPH*3012A**	58MV(B,C)100-20	29000	12.0	14.5	28800	3.80	8.6	17800	2.64
1397683	25HPA530H30	CSPH*3012A**	58MV(B,C)120-20	28800	12.5	15.0	28800	3.80	8.6	17800	2.64
1125445	25HPA530H30	CSPH*3012A**	58MVB040-14	28800	12.0	14.5	28800	3.76	8.5	17900	2.62
3016319	25HPA530H30	CSPH*3012A**	58PH*070-16	28400	12.0	14.5	28400	3.68	8.4	17500	2.60
3016320	25HPA530H30	CSPH*3012A**	58PH*090-16	28400	12.5	15.0	28200	3.70	8.4	17400	2.60
1125443	25HPA530H30	CSPH*3012A**+TDR		28400	11.2	13.5	29200	3.64	8.3	18300	2.54
1125481	25HPA530H30	CSPH*3612A**	58CV(A,X)070-12	29400	12.5	15.0	29000	3.92	9.0	17900	2.68
1125483	25HPA530H30	CSPH*3612A**	58CV(A,X)090-16	29400	13.0	15.0	29000	3.98	9.0	17800	2.72
1125485	25HPA530H30	CSPH*3612A**	58CV(A,X)110-20	29600	13.0	15.0	29000	3.98	9.0	17800	2.72
1125487	25HPA530H30	CSPH*3612A**	58CV(A,X)135-22	29600	13.0	15.0	29000	4.00	9.0	17700	2.74
1125489	25HPA530H30	CSPH*3612A**	58CV(A,X)155-22	29600	13.0	15.5	28800	4.02	9.0	17700	2.76
3107376	25HPA530H30	CSPH*3612A**	58MEB040-12	29200	13.0	15.5	28600	3.92	8.9	17500	2.72
3107377	25HPA530H30	CSPH*3612A**	58MEB060-12	29200	13.0	15.5	28600	3.92	8.9	17600	2.72
3107378	25HPA530H30	CSPH*3612A**	58MEB080-12	29200	13.0	15.5	28600	3.90	8.8	17500	2.70
3107379	25HPA530H30	CSPH*3612A**	58MEB080-16	29400	13.0	15.5	28800	3.94	8.9	17700	2.72
1391365	25HPA530H30	CSPH*3612A**	58MV(B,C)060-14	29400	12.5	15.0	29000	3.94	9.0	17800	2.70
1392809	25HPA530H30	CSPH*3612A**	58MV(B,C)080-14	29200	12.5	15.0	29000	3.88	8.7	17900	2.66
1394150	25HPA530H30	CSPH*3612A**	58MV(B,C)080-20	29400	12.5	15.0	29000	3.94	9.0	17900	2.70
1395886	25HPA530H30	CSPH*3612A**	58MV(B,C)100-20	29400	12.5	15.0	29000	3.96	9.0	17800	2.70
1397686	25HPA530H30	CSPH*3612A**	58MV(B,C)120-20	29400	13.0	15.0	29000	3.96	9.0	17800	2.72
1125469	25HPA530H30	CSPH*3612A**	58MVB040-14	29400	12.5	15.0	29000	3.90	8.7	17900	2.68
3016321	25HPA530H30	CSPH*3612A**	58PH*070-16	29000	12.5	15.0	28600	3.82	8.7	17600	2.66
3016322	25HPA530H30	CSPH*3612A**	58PH*090-16	29000	12.5	15.3	28600	3.88	8.8	17500	2.68
1125467	25HPA530H30	CSPH*3612A**+TDR		29000	11.2	13.5	29600	3.76	8.5	18500	2.58
1169031	25HPA536H30	†FV4BN(B,F)005		36000	13.0	15.5	36000	4.00	9.0	21800	2.76
1125685	25HPA536H30	FE4AN(B,F)003+UI		35400	12.5	15.0	35800	3.76	8.6	21600	2.64
1125687	25HPA536H30	FE4AN(B,F)005+UI		36000	13.0	15.5	36000	4.00	9.0	21800	2.76
1125689	25HPA536H30	FE4ANB006+UI		36000	13.0	16.0	36000	4.18	9.3	21800	2.82
1125683	25HPA536H30	FE4ANF002+UI		34600	12.0	14.5	35600	3.64	8.3	21600	2.58
1125691	25HPA536H30	FF1ENP036		34600	11.2	13.5	36000	3.52	8.1	22400	2.48
1169033	25HPA536H30	FV4BN(B,F)003		35400	12.5	15.0	35800	3.76	8.6	21600	2.64
1125695	25HPA536H30	FV4BNB006		36000	13.0	16.0	36000	4.18	9.3	21800	2.82
1125693	25HPA536H30	FV4BNF002		34600	12.0	14.5	35600	3.64	8.3	21600	2.58
1125679	25HPA536H30	FX4CN(B,F)036		35200	12.5	15.0	35800	3.74	8.5	21800	2.62
1125681	25HPA536H30	FX4CN(B,F)042		36000	12.5	15.0	36000	3.86	8.7	21800	2.68
1125675	25HPA536H30	FY4ANF036		34600	11.2	13.5	36000	3.54	8.1	22400	2.48
1125677	25HPA536H30	FY4ANF042		35200	11.2	13.5	36000	3.64	8.3	22600	2.52
1125513	25HPA536H30	CAP**3614A**	58CV(A,X)070-12	34600	11.5	14.0	36000	3.58	8.2	22000	2.54
3016323	25HPA536H30	CAP**3614A**	58PH*045-08	34200	11.5	14.0	35600	3.48	7.9	21800	2.48
1125511	25HPA536H30	CAP**3614A**+TDR		34200	11.2	13.5	36000	3.48	8.0	22000	2.48
1125519	25HPA536H30	CAP**3617A**	58CV(A,X)090-16	35000	12.0	14.5	35800	3.68	8.4	21800	2.60
3107380	25HPA536H30	CAP**3617A**	58MEB040-12	34600	12.0	15.0	35200	3.62	8.2	21400	2.58
3107381	25HPA536H30	CAP**3617A**	58MEB060-12	34800	12.0	15.0	35400	3.62	8.2	21400	2.58

See notes on pg. 23

# COMBINATION RATINGS (CONT.)

25HPA5H

ARI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cooling Capacity	EER	SEER	High Temp		HSPF	Low Temp	
							E Capacity	E COP		H Capacity	H COP
3107382	25HPA536H30	CAP**3617A**	58MEB080-12	34600	12.0	15.0	35200	3.62	8.2	21400	2.58
3107383	25HPA536H30	CAP**3617A**	58MEB080-16	34600	12.0	15.0	35400	3.62	8.2	21400	2.58
1391368	25HPA536H30	CAP**3617A**	58MV(B,C)060-14	34800	12.0	14.5	35800	3.64	8.4	21800	2.58
3016324	25HPA536H30	CAP**3617A**	58PH*070-16	34400	12.0	14.5	35400	3.54	8.1	21600	2.54
1453292	25HPA536H30	CAP**3617A**	58UVB060-14	34800	12.0	14.5	35800	3.64	8.4	21800	2.58
1125515	25HPA536H30	CAP**3617A**+TDR		34600	11.2	13.5	36000	3.54	8.1	22400	2.50
1125529	25HPA536H30	CAP**3621A**	58CV(A,X)110-20	35000	12.5	15.0	35800	3.72	8.5	21600	2.62
3107384	25HPA536H30	CAP**3621A**	58MEB100-20	34800	12.5	15.0	35000	3.64	8.3	21200	2.60
1392812	25HPA536H30	CAP**3621A**	58MV(B,C)080-14	34800	12.0	14.5	35800	3.62	8.3	21800	2.56
1394153	25HPA536H30	CAP**3621A**	58MV(B,C)080-20	35000	12.0	14.5	35800	3.66	8.4	21800	2.58
1395889	25HPA536H30	CAP**3621A**	58MV(B,C)100-20	35000	12.0	14.5	35800	3.68	8.4	21800	2.60
3016325	25HPA536H30	CAP**3621A**	58PH*090-16	34800	12.5	15.0	35200	3.66	8.4	21400	2.60
3016326	25HPA536H30	CAP**3621A**	58PH*110-20	35000	12.5	15.0	35400	3.70	8.5	21400	2.62
1453296	25HPA536H30	CAP**3621A**	58UVB080-14	34800	12.0	14.5	35800	3.62	8.3	21800	2.56
1453304	25HPA536H30	CAP**3621A**	58UVB080-20	35000	12.0	14.5	35800	3.66	8.4	21800	2.58
1453312	25HPA536H30	CAP**3621A**	58UVB100-20	35000	12.0	14.5	35800	3.68	8.4	21800	2.60
1125521	25HPA536H30	CAP**3621A**+TDR		34600	11.2	13.5	36000	3.54	8.1	22400	2.50
1125539	25HPA536H30	CAP**4221A**	58CV(A,X)110-20	35400	12.5	15.0	35800	3.76	8.6	21800	2.64
3107385	25HPA536H30	CAP**4221A**	58MEB100-20	35000	12.5	15.5	35200	3.68	8.4	21200	2.62
1392815	25HPA536H30	CAP**4221A**	58MV(B,C)080-14	35000	12.0	14.5	36000	3.66	8.4	22000	2.58
1394156	25HPA536H30	CAP**4221A**	58MV(B,C)080-20	35200	12.0	14.5	36000	3.72	8.5	21800	2.60
1395892	25HPA536H30	CAP**4221A**	58MV(B,C)100-20	35200	12.0	15.0	36000	3.74	8.5	21800	2.62
3016327	25HPA536H30	CAP**4221A**	58PH*090-16	35000	12.5	15.0	35400	3.72	8.5	21400	2.64
3016328	25HPA536H30	CAP**4221A**	58PH*110-20	35200	12.8	15.0	35400	3.74	8.5	21400	2.64
1453298	25HPA536H30	CAP**4221A**	58UVB080-14	35000	12.0	14.5	36000	3.66	8.4	22000	2.58
1453306	25HPA536H30	CAP**4221A**	58UVB080-20	35200	12.0	14.5	36000	3.72	8.5	21800	2.60
1453314	25HPA536H30	CAP**4221A**	58UVB100-20	35200	12.0	15.0	36000	3.74	8.5	21800	2.62
1125531	25HPA536H30	CAP**4221A**+TDR		34800	11.2	13.5	36000	3.60	8.3	22400	2.52
1125547	25HPA536H30	CAP**4224A**	58CV(A,X)135-22	35400	12.5	15.0	35800	3.80	8.7	21600	2.68
1125549	25HPA536H30	CAP**4224A**	58CV(A,X)155-22	35400	12.5	15.5	35600	3.80	8.7	21600	2.68
1397689	25HPA536H30	CAP**4224A**	58MV(B,C)120-20	35200	12.5	15.0	35800	3.74	8.5	21800	2.64
1125543	25HPA536H30	CAP**4224A**	58MVB040-14	35000	12.0	14.5	36000	3.68	8.4	21800	2.60
1453290	25HPA536H30	CAP**4224A**	58UVB040-14	35000	12.0	14.5	36000	3.68	8.4	21800	2.60
1453320	25HPA536H30	CAP**4224A**	58UVB120-20	35200	12.5	15.0	35800	3.74	8.5	21800	2.64
1125541	25HPA536H30	CAP**4224A**+TDR		34800	11.2	13.5	36000	3.60	8.3	22400	2.52
1125625	25HPA536H30	CNPF*3618A**+TDR		34600	11.2	13.5	36000	3.54	8.1	22400	2.50
1125591	25HPA536H30	CNPH*3617A**	58CV(A,X)070-12	34600	11.5	14.0	36000	3.58	8.2	22000	2.54
1125593	25HPA536H30	CNPH*3617A**	58CV(A,X)090-16	34800	12.0	14.5	35800	3.64	8.3	21800	2.58
1125595	25HPA536H30	CNPH*3617A**	58CV(A,X)110-20	34800	12.0	14.5	35800	3.64	8.3	21800	2.58
1125597	25HPA536H30	CNPH*3617A**	58CV(A,X)135-22	35000	12.0	14.5	35800	3.68	8.4	21800	2.60
1125599	25HPA536H30	CNPH*3617A**	58CV(A,X)155-22	35000	12.0	15.0	35600	3.68	8.4	21600	2.60
3107396	25HPA536H30	CNPH*3617A**	58MEB040-12	34600	12.0	15.0	35200	3.58	8.2	21400	2.56
3107397	25HPA536H30	CNPH*3617A**	58MEB060-12	34600	12.0	14.5	35200	3.58	8.2	21400	2.56
3107398	25HPA536H30	CNPH*3617A**	58MEB080-12	34400	12.0	15.0	35200	3.56	8.2	21400	2.56
3107399	25HPA536H30	CNPH*3617A**	58MEB080-16	34600	12.0	14.5	35200	3.58	8.2	21400	2.56
3107400	25HPA536H30	CNPH*3617A**	58MEB100-20	34400	12.5	15.0	34800	3.56	8.2	21200	2.56
1391374	25HPA536H30	CNPH*3617A**	58MV(B,C)060-14	34800	12.0	14.5	35800	3.60	8.3	21800	2.56
1392824	25HPA536H30	CNPH*3617A**	58MV(B,C)080-14	34600	11.5	14.0	36000	3.56	8.2	22000	2.52
1394165	25HPA536H30	CNPH*3617A**	58MV(B,C)080-20	34800	11.5	14.0	36000	3.60	8.3	22000	2.56
1395901	25HPA536H30	CNPH*3617A**	58MV(B,C)100-20	34800	12.0	14.5	35800	3.62	8.3	22000	2.56
1397692	25HPA536H30	CNPH*3617A**	58MV(B,C)120-20	34800	12.0	14.5	35800	3.62	8.3	21800	2.56
1125579	25HPA536H30	CNPH*3617A**	58MVB040-14	34600	11.5	14.0	36000	3.56	8.2	22000	2.54
3016334	25HPA536H30	CNPH*3617A**	58PH*045-08	34200	11.5	14.0	35600	3.48	8.0	21800	2.48
3016335	25HPA536H30	CNPH*3617A**	58PH*070-16	34200	12.0	14.5	35400	3.50	8.0	21600	2.52
3016336	25HPA536H30	CNPH*3617A**	58PH*090-16	34600	12.5	15.0	35000	3.58	8.2	21200	2.56
3016337	25HPA536H30	CNPH*3617A**	58PH*110-20	34600	12.5	15.0	35200	3.60	8.2	21400	2.58
1125577	25HPA536H30	CNPH*3617A**+TDR		34600	11.2	13.5	36000	3.54	8.1	22400	2.50
1125615	25HPA536H30	CNPH*4221A**	58CV(A,X)070-12	35200	12.0	14.5	36000	3.72	8.5	21800	2.62
1125617	25HPA536H30	CNPH*4221A**	58CV(A,X)090-16	35400	12.5	15.0	35800	3.80	8.7	21600	2.66
1125619	25HPA536H30	CNPH*4221A**	58CV(A,X)110-20	35600	13.0	15.5	35800	3.84	8.7	21600	2.68
1125621	25HPA536H30	CNPH*4221A**	58CV(A,X)135-22	35600	13.0	15.5	35600	3.86	9.0	21600	2.70
1125623	25HPA536H30	CNPH*4221A**	58CV(A,X)155-22	35600	13.0	15.5	35600	3.86	9.0	21400	2.70
3107401	25HPA536H30	CNPH*4221A**	58MEB040-12	35000	12.5	15.0	35400	3.68	8.4	21400	2.62
3107402	25HPA536H30	CNPH*4221A**	58MEB060-12	35000	12.5	15.0	35400	3.68	8.4	21600	2.62
3107403	25HPA536H30	CNPH*4221A**	58MEB080-12	35000	12.5	15.0	35400	3.68	8.3	21400	2.60
3107404	25HPA536H30	CNPH*4221A**	58MEB080-16	35000	12.5	15.0	35400	3.68	8.3	21600	2.60
3107405	25HPA536H30	CNPH*4221A**	58MEB100-20	34800	12.5	15.0	35200	3.66	8.3	21200	2.62
1391377	25HPA536H30	CNPH*4221A**	58MV(B,C)060-14	35400	12.5	15.0	35800	3.76	8.6	21800	2.64
1392827	25HPA536H30	CNPH*4221A**	58MV(B,C)080-14	35200	12.0	15.0	35800	3.72	8.5	21800	2.62
1394168	25HPA536H30	CNPH*4221A**	58MV(B,C)080-20	35400	12.5	15.0	36000	3.76	8.6	21800	2.64

See notes on pg. 23

# COMBINATION RATINGS (CONT.)

ARI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cooling Capacity	EER	SEER	High Temp		HSPF	Low Temp	
							E Capacity	E COP		H Capacity	H COP
1395904	25HPA536H30	CNPH*4221A**	58MV(B,C)100-20	35600	12.5	15.0	35800	3.80	8.7	21600	2.66
1397695	25HPA536H30	CNPH*4221A**	58MV(B,C)120-20	35400	12.5	15.0	35600	3.80	8.7	21600	2.66
1125603	25HPA536H30	CNPH*4221A**	58MVB040-14	35400	12.5	15.0	35800	3.74	8.5	21800	2.62
3016338	25HPA536H30	CNPH*4221A**	58PH*045-08	34600	11.5	14.0	35800	3.56	8.2	22000	2.52
3016339	25HPA536H30	CNPH*4221A**	58PH*070-16	34800	12.0	14.5	35600	3.60	8.3	21600	2.56
3016340	25HPA536H30	CNPH*4221A**	58PH*090-16	35000	12.5	15.0	35400	3.68	8.4	21400	2.62
3016341	25HPA536H30	CNPH*4221A**	58PH*110-20	35200	12.5	15.0	35400	3.72	8.4	21400	2.64
1125601	25HPA536H30	CNPH*4221A**+TDR		35000	11.2	13.5	36000	3.62	8.3	22400	2.54
1125555	25HPA536H30	CNPV*3617A**	58CV(A,X)090-16	34800	12.0	14.5	35800	3.64	8.3	21800	2.58
3107386	25HPA536H30	CNPV*3617A**	58MEB040-12	34600	12.0	15.0	35200	3.58	8.2	21400	2.56
3107387	25HPA536H30	CNPV*3617A**	58MEB060-12	34600	12.0	14.5	35200	3.58	8.2	21400	2.56
3107388	25HPA536H30	CNPV*3617A**	58MEB080-12	34400	12.0	15.0	35200	3.56	8.2	21400	2.56
3107389	25HPA536H30	CNPV*3617A**	58MEB080-16	34600	12.0	14.5	35200	3.58	8.2	21400	2.56
1391371	25HPA536H30	CNPV*3617A**	58MV(B,C)060-14	34800	12.0	14.5	35800	3.60	8.3	21800	2.56
3016329	25HPA536H30	CNPV*3617A**	58PH*070-16	34200	12.0	14.5	35400	3.50	8.2	21600	2.52
1453294	25HPA536H30	CNPV*3617A**	58UVB060-14	34800	12.0	14.5	35800	3.60	8.3	21800	2.56
1125551	25HPA536H30	CNPV*3617A**+TDR		34600	11.2	13.5	36000	3.54	8.1	22400	2.50
1125565	25HPA536H30	CNPV*3621A**	58CV(A,X)110-20	35000	12.0	14.5	35800	3.64	8.4	21800	2.58
3107390	25HPA536H30	CNPV*3621A**	58MEB100-20	34400	12.5	15.0	34800	3.56	8.2	21200	2.58
1392818	25HPA536H30	CNPV*3621A**	58MV(B,C)080-14	34600	11.5	14.0	36000	3.56	8.2	22000	2.52
1394159	25HPA536H30	CNPV*3621A**	58MV(B,C)080-20	34800	11.5	14.0	36000	3.62	8.3	22000	2.56
1395895	25HPA536H30	CNPV*3621A**	58MV(B,C)100-20	34800	12.0	14.5	35800	3.62	8.3	21800	2.56
3016330	25HPA536H30	CNPV*3621A**	58PH*090-16	34600	12.5	15.0	35200	3.60	8.2	21200	2.58
3016331	25HPA536H30	CNPV*3621A**	58PH*110-20	34600	12.5	15.0	35200	3.62	8.2	21400	2.58
1453300	25HPA536H30	CNPV*3621A**	58UVB080-14	34600	11.5	14.0	36000	3.56	8.2	22000	2.52
1453308	25HPA536H30	CNPV*3621A**	58UVB080-20	34800	11.5	14.0	36000	3.62	8.3	22000	2.56
1453316	25HPA536H30	CNPV*3621A**	58UVB100-20	34800	12.0	14.5	35800	3.62	8.3	21800	2.56
1125557	25HPA536H30	CNPV*3621A**+TDR		34600	11.2	13.5	36000	3.54	8.1	22400	2.50
3107418	25HPA536H30	CNPV*4217A**	58CV(A,X)090-16	35000	12.5	15.0	35400	3.68	8.4	21400	2.62
3107391	25HPA536H30	CNPV*4217A**	58MEB040-12	35200	12.5	15.0	35600	3.74	8.5	21600	2.64
3107392	25HPA536H30	CNPV*4217A**	58MEB060-12	35400	12.5	15.0	35600	3.74	8.5	21600	2.64
3107393	25HPA536H30	CNPV*4217A**	58MEB080-12	35200	12.5	15.0	35600	3.72	8.4	21600	2.62
3107394	25HPA536H30	CNPV*4217A**	58MEB080-16	35400	12.5	15.0	35600	3.74	8.5	21600	2.64
3107417	25HPA536H30	CNPV*4217A**	58MV(B,C)060-14	35200	12.5	15.0	35600	3.72	8.4	21600	2.62
3107419	25HPA536H30	CNPV*4217A**	58PH*070-16	35000	12.0	14.5	35800	3.66	8.3	21800	2.58
3107416	25HPA536H30	CNPV*4217A**+TDR		35400	11.5	14.0	36000	3.68	8.3	22600	2.56
1125575	25HPA536H30	CNPV*4221A**	58CV(A,X)110-20	35600	13.0	15.5	35800	3.84	8.7	21600	2.68
3107395	25HPA536H30	CNPV*4221A**	58MEB100-20	34800	12.5	15.0	35200	3.66	8.3	21200	2.62
1392821	25HPA536H30	CNPV*4221A**	58MV(B,C)080-14	35200	12.0	15.0	35800	3.72	8.5	21800	2.62
1394162	25HPA536H30	CNPV*4221A**	58MV(B,C)080-20	35400	12.5	15.0	36000	3.76	8.6	21800	2.64
1395898	25HPA536H30	CNPV*4221A**	58MV(B,C)100-20	35600	12.5	15.0	35800	3.80	8.7	21600	2.66
3016332	25HPA536H30	CNPV*4221A**	58PH*090-16	35000	12.5	15.0	35400	3.68	8.4	21400	2.62
3016333	25HPA536H30	CNPV*4221A**	58PH*110-20	35200	12.5	15.0	35400	3.72	8.5	21400	2.64
1453302	25HPA536H30	CNPV*4221A**	58UVB080-14	35200	12.0	15.0	35800	3.72	8.5	21800	2.62
1453310	25HPA536H30	CNPV*4221A**	58UVB080-20	35400	12.5	15.0	36000	3.76	8.6	21800	2.64
1453318	25HPA536H30	CNPV*4221A**	58UVB100-20	35600	12.5	15.0	35800	3.80	8.7	21600	2.66
1125567	25HPA536H30	CNPV*4221A**+TDR		35000	11.2	13.5	36000	3.62	8.3	22400	2.54
1125641	25HPA536H30	CSPH*3612A**	58CV(A,X)070-12	35600	12.0	14.5	36000	3.74	8.5	22200	2.60
1125643	25HPA536H30	CSPH*3612A**	58CV(A,X)090-16	35800	12.5	15.0	36000	3.82	8.7	22000	2.66
1125645	25HPA536H30	CSPH*3612A**	58CV(A,X)110-20	35800	12.5	15.0	36000	3.82	8.7	22000	2.66
1125647	25HPA536H30	CSPH*3612A**	58CV(A,X)135-22	36000	12.5	15.0	36000	3.86	9.0	21800	2.68
1125649	25HPA536H30	CSPH*3612A**	58CV(A,X)155-22	36000	12.5	15.5	36000	3.86	9.0	21800	2.68
3107406	25HPA536H30	CSPH*3612A**	58MEB040-12	35400	12.5	15.0	35600	3.76	8.5	21600	2.64
3107407	25HPA536H30	CSPH*3612A**	58MEB060-12	35400	12.5	15.0	35800	3.76	8.5	21600	2.64
3107408	25HPA536H30	CSPH*3612A**	58MEB080-12	35400	12.5	15.0	35600	3.74	8.5	21600	2.64
3107409	25HPA536H30	CSPH*3612A**	58MEB080-16	35400	12.5	15.0	35800	3.76	8.5	21600	2.64
3107410	25HPA536H30	CSPH*3612A**	58MEB100-20	35400	12.5	15.5	35200	3.74	8.5	21400	2.64
1391380	25HPA536H30	CSPH*3612A**	58MV(B,C)060-14	35600	12.0	15.0	36000	3.78	8.6	22000	2.64
1392830	25HPA536H30	CSPH*3612A**	58MV(B,C)080-14	35600	12.0	14.5	36000	3.74	8.5	22200	2.60
1394171	25HPA536H30	CSPH*3612A**	58MV(B,C)080-20	35600	12.0	14.5	36000	3.78	8.6	22000	2.64
1395907	25HPA536H30	CSPH*3612A**	58MV(B,C)100-20	35800	12.5	15.0	36000	3.80	8.6	22000	2.64
1397698	25HPA536H30	CSPH*3612A**	58MV(B,C)120-20	35800	12.5	15.0	36000	3.80	8.7	22000	2.64
1125629	25HPA536H30	CSPH*3612A**	58MVB040-14	35600	12.0	14.5	36000	3.74	8.5	22200	2.60
3016342	25HPA536H30	CSPH*3612A**	58PH*045-08	35200	12.0	14.5	36000	3.64	8.3	22000	2.56
3016343	25HPA536H30	CSPH*3612A**	58PH*070-16	35200	12.0	14.5	35800	3.68	8.4	21800	2.58
3016344	25HPA536H30	CSPH*3612A**	58PH*090-16	35400	12.5	15.5	35600	3.78	8.6	21600	2.66
3016345	25HPA536H30	CSPH*3612A**	58PH*110-20	35600	12.5	15.0	35600	3.80	8.6	21600	2.66
1125627	25HPA536H30	CSPH*3612A**+TDR		35400	11.5	14.0	36000	3.68	8.4	22600	2.56
1125665	25HPA536H30	CSPH*4212A**	58CV(A,X)070-12	35800	12.0	14.5	36000	3.80	8.6	22200	2.64
1125667	25HPA536H30	CSPH*4212A**	58CV(A,X)090-16	36000	12.5	15.0	36000	3.88	9.0	22000	2.68

25HPA5H

See notes on pg. 23

# COMBINATION RATINGS (CONT.)

ARI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cooling Capacity	EER	SEER	High Temp		HSPF	Low Temp	
							E Capacity	E COP		H Capacity	H COP
1125669	25HPA536H30	CSPH*4212A**	58CV(A,X)110-20	36000	12.5	15.0	36000	3.88	9.0	22000	2.68
1125671	25HPA536H30	CSPH*4212A**	58CV(A,X)135-22	36000	13.0	15.5	36000	3.92	9.0	21800	2.72
1125673	25HPA536H30	CSPH*4212A**	58CV(A,X)155-22	36000	13.0	15.5	36000	3.92	9.0	21800	2.72
3107411	25HPA536H30	CSPH*4212A**	58MEB040-12	35800	12.5	15.5	35800	3.82	8.6	21600	2.66
3107412	25HPA536H30	CSPH*4212A**	58MEB060-12	35800	12.5	15.5	35800	3.82	8.6	21600	2.66
3107413	25HPA536H30	CSPH*4212A**	58MEB080-12	35600	12.5	15.5	35800	3.80	8.6	21600	2.66
3107414	25HPA536H30	CSPH*4212A**	58MEB080-16	35800	12.5	15.0	35800	3.82	8.6	21600	2.66
3107415	25HPA536H30	CSPH*4212A**	58MEB100-20	35600	12.5	15.5	35600	3.80	8.6	21400	2.68
1391383	25HPA536H30	CSPH*4212A**	58MV(B,C)060-14	36000	12.5	15.0	36000	3.84	8.7	22000	2.66
1392833	25HPA536H30	CSPH*4212A**	58MV(B,C)080-14	35800	12.0	14.5	36000	3.78	8.6	22200	2.62
1394174	25HPA536H30	CSPH*4212A**	58MV(B,C)080-20	36000	12.5	15.0	36000	3.84	8.7	22000	2.66
1395910	25HPA536H30	CSPH*4212A**	58MV(B,C)100-20	36000	12.5	15.0	36000	3.86	9.0	22000	2.66
1397701	25HPA536H30	CSPH*4212A**	58MV(B,C)120-20	36000	12.5	15.0	36000	3.86	9.0	22000	2.68
1125653	25HPA536H30	CSPH*4212A**	58MV(B,C)140-14	35800	12.0	14.5	36000	3.80	8.6	22200	2.64
3016346	25HPA536H30	CSPH*4212A**	58PH*045-08	35400	12.0	14.5	36000	3.68	8.4	22000	2.58
3016347	25HPA536H30	CSPH*4212A**	58PH*070-16	35400	12.5	15.0	35800	3.72	8.5	21800	2.62
3016348	25HPA536H30	CSPH*4212A**	58PH*090-16	35800	13.0	15.5	35600	3.82	8.7	21600	2.68
3016349	25HPA536H30	CSPH*4212A**	58PH*110-20	35800	13.0	15.5	35800	3.86	8.8	21600	2.70
1125651	25HPA536H30	CSPH*4212A**+TDR		35600	11.5	14.0	36000	3.74	8.5	22600	2.58
1169035	25HPA542H30	†FV4BN(B,F)005		42000	13.0	15.0	42000	3.90	9.0	26600	2.78
1125831	25HPA542H30	FE4AN(B,F)003+UI		41000	12.0	14.5	40500	3.52	8.1	25800	2.64
1125833	25HPA542H30	FE4AN(B,F)005+UI		42000	13.0	15.5	42000	3.90	9.0	26600	2.78
1125835	25HPA542H30	FE4ANB006+UI		42000	13.0	16.0	41500	4.00	9.0	26600	2.84
1169037	25HPA542H30	FV4BN(B,F)003		41000	12.0	14.5	40500	3.52	8.1	25800	2.64
1125837	25HPA542H30	FV4BNB006		42000	13.0	16.0	41500	4.00	9.0	26600	2.84
1125827	25HPA542H30	FX4CN(B,F)042		42000	12.0	14.5	42000	3.70	8.4	26600	2.70
1125829	25HPA542H30	FX4CN(B,F)048		42000	13.0	15.5	42000	3.88	9.0	26600	2.76
1125823	25HPA542H30	FY4ANF042		42000	11.2	13.5	42000	3.54	8.1	27400	2.58
1125825	25HPA542H30	FY4ANF048		42000	11.2	13.5	42000	3.68	8.4	27400	2.64
1125703	25HPA542H30	CAP**4221A**	58CV(A,X)110-20	41500	11.5	14.0	41500	3.60	8.3	26400	2.66
3107424	25HPA542H30	CAP**4221A**	58MEB100-20	42000	12.0	14.5	40500	3.58	8.2	26000	2.68
1394177	25HPA542H30	CAP**4221A**	58MV(B,C)080-20	41500	11.5	14.0	41500	3.56	8.2	26600	2.62
1395913	25HPA542H30	CAP**4221A**	58MV(B,C)100-20	41500	11.5	14.0	41500	3.58	8.2	26600	2.64
3016350	25HPA542H30	CAP**4221A**	58PH*090-16	42000	12.0	14.5	40500	3.56	8.2	26000	2.66
3016351	25HPA542H30	CAP**4221A**	58PH*110-20	42000	12.0	14.8	40500	3.58	8.2	26000	2.68
1449512	25HPA542H30	CAP**4221A**	58UVB080-20	41500	11.5	14.0	41500	3.56	8.2	26600	2.62
1449524	25HPA542H30	CAP**4221A**	58UVB100-20	41500	11.5	14.0	41500	3.58	8.2	26600	2.64
1125697	25HPA542H30	CAP**4221A**+TDR		41500	11.2	13.5	42000	3.52	8.1	27000	2.58
1125709	25HPA542H30	CAP**4224A**	58CV(A,X)135-22	42000	12.0	14.5	41000	3.64	8.3	26400	2.68
1125711	25HPA542H30	CAP**4224A**	58CV(A,X)155-22	42000	12.0	14.5	41000	3.68	8.4	26200	2.70
3107425	25HPA542H30	CAP**4224A**	58MEB120-20	42000	12.5	15.0	41000	3.62	8.3	26000	2.70
1397704	25HPA542H30	CAP**4224A**	58MV(B,C)120-20	41500	11.5	14.0	41500	3.58	8.2	26400	2.64
3016352	25HPA542H30	CAP**4224A**	58PH*135-20	42000	12.0	14.8	41000	3.58	8.2	26000	2.66
1449536	25HPA542H30	CAP**4224A**	58UVB120-20	41500	11.5	14.0	41500	3.58	8.2	26400	2.64
1125705	25HPA542H30	CAP**4224A**+TDR		41500	11.2	13.5	42000	3.52	8.1	27000	2.58
1125715	25HPA542H30	CAP**4817A**	58CV(A,X)090-16	42000	12.0	14.5	42000	3.80	8.6	27000	2.70
3107426	25HPA542H30	CAP**4817A**	58MEB040-12	42000	12.0	14.5	41500	3.74	8.5	26600	2.72
3107427	25HPA542H30	CAP**4817A**	58MEB060-12	42000	12.0	14.5	41500	3.72	8.5	26600	2.70
3107428	25HPA542H30	CAP**4817A**	58MEB080-12	42000	12.5	15.0	41500	3.74	8.5	26400	2.72
3107429	25HPA542H30	CAP**4817A**	58MEB080-16	42000	12.0	14.5	41500	3.70	8.5	26400	2.70
3016353	25HPA542H30	CAP**4817A**	58PH*070-16	42000	11.5	14.0	42000	3.64	8.3	26800	2.66
1125713	25HPA542H30	CAP**4817A**+TDR		42000	11.5	14.0	42000	3.74	8.5	27400	2.66
1125723	25HPA542H30	CAP**4821A**	58CV(A,X)110-20	42000	12.0	14.5	42000	3.76	8.5	26600	2.70
3107430	25HPA542H30	CAP**4821A**	58MEB100-20	42000	12.5	15.0	41000	3.72	8.5	26200	2.72
1394180	25HPA542H30	CAP**4821A**	58MV(B,C)080-20	42000	11.5	14.0	42000	3.70	8.4	26800	2.68
1395916	25HPA542H30	CAP**4821A**	58MV(B,C)100-20	42000	12.0	14.5	42000	3.72	8.5	26800	2.68
3016354	25HPA542H30	CAP**4821A**	58PH*090-16	42000	12.5	15.0	41000	3.68	8.4	26200	2.70
3016355	25HPA542H30	CAP**4821A**	58PH*110-20	42000	12.5	15.0	41000	3.70	8.4	26200	2.72
1449515	25HPA542H30	CAP**4821A**	58UVB080-20	42000	11.5	14.0	42000	3.70	8.4	26800	2.68
1449527	25HPA542H30	CAP**4821A**	58UVB100-20	42000	12.0	14.5	42000	3.72	8.5	26800	2.68
1125717	25HPA542H30	CAP**4821A**+TDR		42000	11.2	13.5	42000	3.66	8.3	27200	2.64
1125729	25HPA542H30	CAP**4824A**	58CV(A,X)135-22	42000	12.5	15.0	42000	3.80	8.6	26600	2.74
1125731	25HPA542H30	CAP**4824A**	58CV(A,X)155-22	42000	12.5	15.0	42000	3.82	8.7	26400	2.76
3107431	25HPA542H30	CAP**4824A**	58MEB120-20	42000	12.5	15.0	41000	3.74	8.5	26200	2.74
1397707	25HPA542H30	CAP**4824A**	58MV(B,C)120-20	42000	12.0	14.5	42000	3.72	8.5	26800	2.70
3016356	25HPA542H30	CAP**4824A**	58PH*135-20	42000	12.5	15.0	41000	3.70	8.4	26200	2.72
1449539	25HPA542H30	CAP**4824A**	58UVB120-20	42000	12.0	14.5	42000	3.72	8.5	26800	2.70
1125725	25HPA542H30	CAP**4824A**+TDR		42000	11.2	13.5	42000	3.66	8.3	27200	2.64
1125789	25HPA542H30	CNPF*4818A**+TDR		42000	11.2	13.5	42000	3.60	8.2	27200	2.62

See notes on pg. 23

# COMBINATION RATINGS (CONT.)

ARI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cooling Capacity	EER	SEER	High Temp		HSPF	Low Temp	
							E Capacity	E COP		H Capacity	H COP
1125765	25HPA542H30	CNPH*4221A**	58CV(A,X)090-16	42000	12.0	14.5	41500	3.64	8.3	26400	2.68
1125767	25HPA542H30	CNPH*4221A**	58CV(A,X)110-20	42000	12.0	14.5	41000	3.68	8.4	26200	2.70
1125769	25HPA542H30	CNPH*4221A**	58CV(A,X)135-22	42000	12.5	15.0	41000	3.70	8.4	26200	2.72
1125771	25HPA542H30	CNPH*4221A**	58CV(A,X)155-22	42000	12.5	15.0	41000	3.72	8.5	26200	2.72
3107439	25HPA542H30	CNPH*4221A**	58MEB040-12	42000	12.0	14.5	41000	3.56	8.2	26200	2.64
3107440	25HPA542H30	CNPH*4221A**	58MEB060-12	42000	12.0	14.0	41000	3.54	8.2	26200	2.64
3107441	25HPA542H30	CNPH*4221A**	58MEB080-12	42000	12.0	14.5	41000	3.56	8.2	26200	2.64
3107442	25HPA542H30	CNPH*4221A**	58MEB080-16	41500	12.0	14.5	41000	3.52	8.2	26200	2.64
3107443	25HPA542H30	CNPH*4221A**	58MEB100-20	42000	12.0	14.5	40500	3.56	8.2	26000	2.66
3107444	25HPA542H30	CNPH*4221A**	58MEB120-20	42000	12.0	14.5	40500	3.58	8.2	26000	2.68
1394189	25HPA542H30	CNPH*4221A**	58MV(B,C)080-20	41500	12.0	14.5	41500	3.62	8.3	26400	2.66
1395925	25HPA542H30	CNPH*4221A**	58MV(B,C)100-20	42000	12.0	14.5	41500	3.62	8.3	26400	2.66
1397713	25HPA542H30	CNPH*4221A**	58MV(B,C)120-20	42000	12.0	14.5	41500	3.62	8.3	26400	2.68
3016362	25HPA542H30	CNPH*4221A**	58PH*070-16	41500	11.2	13.5	41500	3.48	8.0	26600	2.58
3016363	25HPA542H30	CNPH*4221A**	58PH*090-16	41500	12.0	14.5	40500	3.54	8.2	26000	2.64
3016364	25HPA542H30	CNPH*4221A**	58PH*110-20	42000	12.0	14.5	40500	3.56	8.2	26000	2.66
3016365	25HPA542H30	CNPH*4221A**	58PH*135-20	41500	12.0	14.5	40500	3.54	8.2	26000	2.64
1125757	25HPA542H30	CNPH*4221A**+TDR		41500	11.2	13.5	42000	3.52	8.1	27000	2.60
1125781	25HPA542H30	CNPH*4821A**	58CV(A,X)090-16	42000	12.0	14.5	42000	3.72	8.5	26600	2.70
1125783	25HPA542H30	CNPH*4821A**	58CV(A,X)110-20	42000	12.0	14.5	42000	3.74	8.5	26600	2.72
1125785	25HPA542H30	CNPH*4821A**	58CV(A,X)135-22	42000	12.5	15.0	41500	3.78	8.6	26600	2.74
1125787	25HPA542H30	CNPH*4821A**	58CV(A,X)155-22	42000	12.5	15.0	41500	3.80	8.6	26400	2.76
3107445	25HPA542H30	CNPH*4821A**	58MEB040-12	42000	12.0	14.5	41500	3.70	8.5	26400	2.70
3107446	25HPA542H30	CNPH*4821A**	58MEB060-12	42000	12.0	14.5	41500	3.70	8.5	26400	2.70
3107447	25HPA542H30	CNPH*4821A**	58MEB080-12	42000	12.5	15.0	41500	3.70	8.5	26400	2.70
3107448	25HPA542H30	CNPH*4821A**	58MEB080-16	42000	12.5	15.0	41500	3.68	8.5	26400	2.70
3107449	25HPA542H30	CNPH*4821A**	58MEB100-20	42000	12.5	15.0	41000	3.72	8.5	26200	2.72
3107450	25HPA542H30	CNPH*4821A**	58MEB120-20	42000	12.5	15.0	41000	3.76	8.5	26200	2.74
1394192	25HPA542H30	CNPH*4821A**	58MV(B,C)080-20	42000	12.0	14.5	42000	3.70	8.4	26800	2.68
1395928	25HPA542H30	CNPH*4821A**	58MV(B,C)100-20	42000	12.0	14.5	42000	3.72	8.5	26800	2.70
1397716	25HPA542H30	CNPH*4821A**	58MV(B,C)120-20	42000	12.0	14.5	42000	3.72	8.5	26600	2.70
3016366	25HPA542H30	CNPH*4821A**	58PH*070-16	42000	11.5	14.0	42000	3.62	8.3	26800	2.64
3016367	25HPA542H30	CNPH*4821A**	58PH*090-16	42000	12.5	15.0	41000	3.70	8.4	26200	2.72
3016368	25HPA542H30	CNPH*4821A**	58PH*110-20	42000	12.5	15.0	41000	3.72	8.5	26200	2.72
3016369	25HPA542H30	CNPH*4821A**	58PH*135-20	42000	12.5	15.0	41000	3.72	8.5	26200	2.72
1125773	25HPA542H30	CNPH*4821A**+TDR		42000	11.2	13.5	42000	3.64	8.3	27200	2.64
3107422	25HPA542H30	CNPV*4217A**	58CV(A,X)090-16	42000	12.0	14.5	41000	3.58	8.2	26200	2.66
3107432	25HPA542H30	CNPV*4217A**	58MEB040-12	42000	12.0	14.5	41500	3.62	8.3	26400	2.66
3107433	25HPA542H30	CNPV*4217A**	58MEB060-12	42000	12.0	14.5	41500	3.60	8.2	26400	2.66
3107434	25HPA542H30	CNPV*4217A**	58MEB080-12	42000	12.0	14.5	41000	3.62	8.3	26400	2.66
3107435	25HPA542H30	CNPV*4217A**	58MEB080-16	42000	12.0	14.5	41000	3.58	8.2	26200	2.66
3107421	25HPA542H30	CNPV*4217A**	58MV(B,C)060-14	42000	12.0	14.5	41500	3.60	8.2	26400	2.66
3107423	25HPA542H30	CNPV*4217A**	58PH*070-16	42000	11.5	13.5	41500	3.52	8.1	26600	2.60
3107420	25HPA542H30	CNPV*4217A**+TDR		42000	11.5	13.5	42000	3.60	8.2	27200	2.62
1125739	25HPA542H30	CNPV*4221A**	58CV(A,X)110-20	42000	12.0	14.5	41000	3.68	8.4	26200	2.70
3107436	25HPA542H30	CNPV*4221A**	58MEB100-20	42000	12.0	14.5	40500	3.56	8.2	26000	2.66
1394183	25HPA542H30	CNPV*4221A**	58MV(B,C)080-20	41500	12.0	14.5	41500	3.62	8.3	26400	2.66
1395919	25HPA542H30	CNPV*4221A**	58MV(B,C)100-20	42000	12.0	14.5	41500	3.62	8.2	26400	2.66
3016357	25HPA542H30	CNPV*4221A**	58PH*090-16	41500	12.0	14.5	40500	3.54	8.2	26000	2.64
3016358	25HPA542H30	CNPV*4221A**	58PH*110-20	42000	12.0	14.5	40500	3.56	8.2	26000	2.66
1449518	25HPA542H30	CNPV*4221A**	58UVB080-20	41500	12.0	14.5	41500	3.62	8.3	26400	2.66
1449530	25HPA542H30	CNPV*4221A**	58UVB100-20	42000	12.0	14.5	41500	3.62	8.2	26400	2.66
1125733	25HPA542H30	CNPV*4221A**+TDR		41500	11.2	13.5	42000	3.52	8.1	27000	2.60
1125747	25HPA542H30	CNPV*4821A**	58CV(A,X)110-20	42000	12.0	14.5	42000	3.74	8.5	26600	2.72
3107463	25HPA542H30	CNPV*4821A**	58MEB080-12	42000	12.5	15.0	41500	3.70	8.5	26400	2.70
3107464	25HPA542H30	CNPV*4821A**	58MEB080-16	42500	12.5	15.0	41500	3.68	8.5	26400	2.70
3107437	25HPA542H30	CNPV*4821A**	58MEB100-20	42000	12.5	15.0	41000	3.72	8.5	26200	2.72
1394186	25HPA542H30	CNPV*4821A**	58MV(B,C)080-20	42000	12.0	14.5	42000	3.70	8.4	26800	2.68
1395922	25HPA542H30	CNPV*4821A**	58MV(B,C)100-20	42000	12.0	14.5	42000	3.72	8.5	26800	2.70
3016359	25HPA542H30	CNPV*4821A**	58PH*090-16	42000	12.5	15.0	41000	3.70	8.4	26200	2.72
3016360	25HPA542H30	CNPV*4821A**	58PH*110-20	42000	12.5	15.0	41000	3.72	8.5	26200	2.72
1449521	25HPA542H30	CNPV*4821A**	58UVB080-20	42000	12.0	14.5	42000	3.70	8.4	26800	2.68
1449533	25HPA542H30	CNPV*4821A**	58UVB100-20	42000	12.0	14.5	42000	3.72	8.5	26800	2.70
1125741	25HPA542H30	CNPV*4821A**+TDR		42000	11.2	13.5	42000	3.64	8.3	27200	2.64
1125753	25HPA542H30	CNPV*4824A**	58CV(A,X)135-22	42000	12.5	15.0	41500	3.78	8.6	26600	2.74
1125755	25HPA542H30	CNPV*4824A**	58CV(A,X)155-22	42000	12.5	15.0	41500	3.80	8.6	26400	2.76
3107438	25HPA542H30	CNPV*4824A**	58MEB120-20	42000	12.5	15.0	41000	3.76	8.5	26200	2.74
1397710	25HPA542H30	CNPV*4824A**	58MV(B,C)120-20	42000	12.0	14.5	42000	3.72	8.5	26600	2.70
3016361	25HPA542H30	CNPV*4824A**	58PH*135-20	42000	12.5	15.0	41000	3.72	8.5	26200	2.72
1449542	25HPA542H30	CNPV*4824A**	58UVB120-20	42000	12.0	14.5	42000	3.72	8.5	26600	2.70

25HPA5H

See notes on pg. 23

# COMBINATION RATINGS (CONT.)

25HPA5H

ARI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cooling Capacity	EER	SEER	High Temp		HSPF	Low Temp	
							E Capacity	E COP		H Capacity	H COP
1125749	25HPA542H30	CNPV*4824A**+TDR		42000	11.2	13.5	42000	3.64	8.3	27200	2.64
1125799	25HPA542H30	CSPH*4212A**	58CV(A,X)090-16	42000	12.0	14.5	42000	3.72	8.5	26800	2.70
1125801	25HPA542H30	CSPH*4212A**	58CV(A,X)110-20	42000	12.0	14.5	42000	3.74	8.5	26800	2.70
1125803	25HPA542H30	CSPH*4212A**	58CV(A,X)135-22	42000	12.5	15.0	42000	3.76	8.6	26600	2.72
1125805	25HPA542H30	CSPH*4212A**	58CV(A,X)155-22	42000	12.5	15.0	42000	3.80	8.6	26600	2.74
3107451	25HPA542H30	CSPH*4212A**	58MEB040-12	42000	12.0	14.5	41500	3.70	8.5	26400	2.70
3107452	25HPA542H30	CSPH*4212A**	58MEB060-12	42000	12.0	14.5	41500	3.68	8.5	26400	2.70
3107453	25HPA542H30	CSPH*4212A**	58MEB080-12	42000	12.5	15.0	41500	3.70	8.5	26400	2.70
3107454	25HPA542H30	CSPH*4212A**	58MEB080-16	42000	12.0	14.5	41500	3.66	8.5	26400	2.70
3107455	25HPA542H30	CSPH*4212A**	58MEB100-20	42000	12.5	15.0	41000	3.70	8.5	26200	2.72
3107456	25HPA542H30	CSPH*4212A**	58MEB120-20	42000	12.5	15.0	41000	3.74	8.5	26200	2.74
1394195	25HPA542H30	CSPH*4212A**	58MV(B,C)080-20	42000	11.5	14.0	42000	3.68	8.4	27000	2.68
1395931	25HPA542H30	CSPH*4212A**	58MV(B,C)100-20	42000	12.0	14.5	42000	3.70	8.4	26800	2.68
1397719	25HPA542H30	CSPH*4212A**	58MV(B,C)120-20	42000	12.0	14.5	42000	3.70	8.4	26800	2.68
3016370	25HPA542H30	CSPH*4212A**	58PH*070-16	42000	11.5	14.0	42000	3.60	8.2	26800	2.64
3016371	25HPA542H30	CSPH*4212A**	58PH*090-16	42000	12.5	15.0	41000	3.68	8.4	26200	2.70
3016372	25HPA542H30	CSPH*4212A**	58PH*110-20	42000	12.5	15.0	41000	3.70	8.4	26200	2.72
3016373	25HPA542H30	CSPH*4212A**	58PH*135-20	42000	12.5	15.0	41000	3.68	8.4	26200	2.70
1125791	25HPA542H30	CSPH*4212A**+TDR		42000	11.2	13.5	42000	3.66	8.3	27200	2.64
1125815	25HPA542H30	CSPH*4812A**	58CV(A,X)090-16	42000	12.0	14.5	42000	3.74	8.5	26800	2.70
1125817	25HPA542H30	CSPH*4812A**	58CV(A,X)110-20	42000	12.0	14.5	42000	3.76	8.6	26800	2.72
1125819	25HPA542H30	CSPH*4812A**	58CV(A,X)135-22	42000	12.5	15.0	42000	3.80	8.6	26600	2.74
1125821	25HPA542H30	CSPH*4812A**	58CV(A,X)155-22	42000	12.5	15.0	42000	3.82	8.7	26600	2.76
3107457	25HPA542H30	CSPH*4812A**	58MEB040-12	42000	12.5	15.0	41500	3.72	8.5	26600	2.72
3107458	25HPA542H30	CSPH*4812A**	58MEB060-12	42000	12.0	14.5	41500	3.72	8.5	26600	2.70
3107459	25HPA542H30	CSPH*4812A**	58MEB080-12	42000	12.5	15.0	41500	3.72	8.5	26400	2.72
3107460	25HPA542H30	CSPH*4812A**	58MEB080-16	42000	12.5	15.0	41500	3.68	8.5	26400	2.70
3107461	25HPA542H30	CSPH*4812A**	58MEB100-20	42000	12.5	15.0	41500	3.74	8.5	26200	2.72
3107462	25HPA542H30	CSPH*4812A**	58MEB120-20	42000	12.5	15.0	41500	3.76	8.5	26200	2.74
1394198	25HPA542H30	CSPH*4812A**	58MV(B,C)080-20	42000	12.0	14.5	42000	3.72	8.5	27000	2.68
1395934	25HPA542H30	CSPH*4812A**	58MV(B,C)100-20	42000	12.0	14.5	42000	3.74	8.5	26800	2.70
1397722	25HPA542H30	CSPH*4812A**	58MV(B,C)120-20	42000	12.0	14.5	42000	3.74	8.5	26800	2.70
3016374	25HPA542H30	CSPH*4812A**	58PH*070-16	42000	11.5	14.0	42000	3.64	8.3	26800	2.64
3016375	25HPA542H30	CSPH*4812A**	58PH*090-16	42000	12.5	15.0	41000	3.70	8.4	26200	2.72
3016376	25HPA542H30	CSPH*4812A**	58PH*110-20	42000	12.5	15.0	41000	3.72	8.5	26200	2.72
3016377	25HPA542H30	CSPH*4812A**	58PH*135-20	42000	12.5	15.0	41000	3.70	8.4	26200	2.72
1125807	25HPA542H30	CSPH*4812A**+TDR		42000	11.5	14.0	42000	3.68	8.4	27400	2.66
1169079	25HPA548H30	†FV4BN(B,F)005		48000	13.0	15.0	48000	3.82	9.0	30000	2.74
1483170	25HPA548H30	FE4AN(B,F)005+UI		48000	13.0	15.0	48000	3.82	9.0	30000	2.74
1125973	25HPA548H30	FE4ANB006+UI		48000	13.0	15.5	48000	3.96	9.0	30000	2.80
1125975	25HPA548H30	FV4BNB006		48000	13.0	15.5	48000	3.96	9.0	30000	2.80
1125969	25HPA548H30	FX4CN(B,F)048		48000	13.0	15.0	48000	3.82	8.7	30000	2.74
1125971	25HPA548H30	FX4CN(B,F)060		48000	12.5	15.0	48000	3.84	8.7	30600	2.70
1125967	25HPA548H30	FY4ANB060		47500	11.5	14.0	48000	3.72	8.5	31000	2.64
1125965	25HPA548H30	FY4ANF048		47000	11.5	14.0	48000	3.64	8.3	30800	2.60
1125841	25HPA548H30	CAP**4817A**	58CV(A,X)090-16	47000	12.0	14.5	48000	3.72	8.5	30400	2.66
3107465	25HPA548H30	CAP**4817A**	58MEB080-16	47000	12.0	14.0	48000	3.76	8.7	30800	2.66
1125839	25HPA548H30	CAP**4817A**+TDR		47000	11.5	14.0	48000	3.70	8.4	30800	2.64
1125849	25HPA548H30	CAP**4821A**	58CV(A,X)110-20	46500	12.0	14.5	48000	3.70	8.4	30200	2.66
3107466	25HPA548H30	CAP**4821A**	58MEB100-20	47000	12.0	14.5	48000	3.74	8.7	30200	2.68
1394201	25HPA548H30	CAP**4821A**	58MV(B,C)080-20	46500	11.5	14.0	48000	3.64	8.3	30400	2.62
1395937	25HPA548H30	CAP**4821A**	58MV(B,C)100-20	46500	11.5	14.0	48000	3.66	8.4	30400	2.64
3016378	25HPA548H30	CAP**4821A**	58PH*090-16	47000	12.0	14.5	48000	3.72	8.6	30400	2.66
3016379	25HPA548H30	CAP**4821A**	58PH*110-20	47000	12.0	14.8	48000	3.74	8.6	30000	2.68
1453322	25HPA548H30	CAP**4821A**	58UVB080-20	46500	11.5	14.0	48000	3.64	8.3	30400	2.62
1453328	25HPA548H30	CAP**4821A**	58UVB100-20	46500	11.5	14.0	48000	3.66	8.4	30400	2.64
1125843	25HPA548H30	CAP**4821A**+TDR		46500	11.5	14.0	48000	3.64	8.3	30800	2.60
1125855	25HPA548H30	CAP**4824A**	58CV(A,X)135-22	47000	12.0	14.5	48000	3.72	8.7	30000	2.68
1125857	25HPA548H30	CAP**4824A**	58CV(A,X)155-22	47000	12.5	15.0	48000	3.76	8.5	30000	2.70
3107467	25HPA548H30	CAP**4824A**	58MEB120-20	47000	12.0	14.5	48000	3.78	8.7	30200	2.70
1397725	25HPA548H30	CAP**4824A**	58MV(B,C)120-20	46500	12.0	14.5	48000	3.66	8.4	30200	2.64
3016380	25HPA548H30	CAP**4824A**	58PH*135-20	47000	12.0	14.5	48000	3.74	8.6	30200	2.68
1453334	25HPA548H30	CAP**4824A**	58UVB120-20	46500	12.0	14.5	48000	3.66	8.4	30200	2.64
1125851	25HPA548H30	CAP**4824A**+TDR		46500	11.5	14.0	48000	3.64	8.3	30800	2.60
1125865	25HPA548H30	CAP**6021A**	58CV(A,X)110-20	48000	12.5	15.0	48000	3.78	8.6	30200	2.70
3107468	25HPA548H30	CAP**6021A**	58MEB100-20	48000	12.5	15.0	48000	3.84	8.8	30400	2.74
1394204	25HPA548H30	CAP**6021A**	58MV(B,C)080-20	47500	12.0	14.5	48000	3.72	8.5	30400	2.68
1395940	25HPA548H30	CAP**6021A**	58MV(B,C)100-20	47500	12.0	14.5	48000	3.74	8.5	30400	2.68
3016381	25HPA548H30	CAP**6021A**	58PH*090-16	48000	12.5	15.0	48000	3.82	8.8	30400	2.72

See notes on pg. 23

# COMBINATION RATINGS (CONT.)

ARI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cooling Capacity	EER	SEER	High Temp		HSPF	Low Temp	
							E Capacity	E COP		H Capacity	H COP
3016382	25HPA548H30	CAP**6021A**	58PH*110-20	48000	12.5	15.0	48000	3.84	8.8	30200	2.74
1453324	25HPA548H30	CAP**6021A**	58UUVB080-20	47500	12.0	14.5	48000	3.72	8.5	30400	2.68
1453330	25HPA548H30	CAP**6021A**	58UUVB100-20	47500	12.0	14.5	48000	3.74	8.5	30400	2.68
1125859	25HPA548H30	CAP**6021A**+TDR		47500	11.5	14.0	48000	3.70	8.4	30800	2.64
1125871	25HPA548H30	CAP**6024A**	58CV(A,X)135-22	48000	12.5	15.0	48000	3.80	8.6	30200	2.72
1125873	25HPA548H30	CAP**6024A**	58CV(A,X)155-22	48000	12.5	15.0	48000	3.82	8.7	30000	2.74
3107469	25HPA548H30	CAP**6024A**	58MEB120-20	48000	12.5	15.0	48000	3.84	8.9	30400	2.74
1397728	25HPA548H30	CAP**6024A**	58MV(B,C)120-20	47500	12.0	14.5	48000	3.72	8.5	30400	2.68
3016383	25HPA548H30	CAP**6024A**	58PH*135-20	48000	12.5	15.0	48000	3.80	8.8	30400	2.72
1453336	25HPA548H30	CAP**6024A**	58UUVB120-20	47500	12.0	14.5	48000	3.72	8.5	30400	2.68
1125867	25HPA548H30	CAP**6024A**+TDR		47500	11.5	14.0	48000	3.70	8.4	30800	2.64
1125931	25HPA548H30	CNPF*4818A**+TDR		46000	11.2	13.5	48000	3.58	8.2	30600	2.58
1125907	25HPA548H30	CNPH*4821A**	58CV(A,X)090-16	46500	12.0	14.5	48000	3.68	8.4	30200	2.64
1125909	25HPA548H30	CNPH*4821A**	58CV(A,X)110-20	47000	12.0	14.5	48000	3.70	8.7	30200	2.66
1125911	25HPA548H30	CNPH*4821A**	58CV(A,X)135-22	47000	12.5	15.0	48000	3.72	8.5	30000	2.68
1125913	25HPA548H30	CNPH*4821A**	58CV(A,X)155-22	47000	12.5	15.0	48000	3.76	8.5	30000	2.70
3107473	25HPA548H30	CNPH*4821A**	58MEB080-16	47000	12.0	14.0	48000	3.72	8.6	30600	2.66
3107474	25HPA548H30	CNPH*4821A**	58MEB100-20	47000	12.0	14.5	48000	3.76	8.7	30200	2.68
3107475	25HPA548H30	CNPH*4821A**	58MEB120-20	47000	12.0	14.5	48000	3.78	8.7	30200	2.70
1394210	25HPA548H30	CNPH*4821A**	58MV(B,C)080-20	46500	11.5	14.0	48000	3.66	8.4	30400	2.62
1395946	25HPA548H30	CNPH*4821A**	58MV(B,C)100-20	46500	12.0	14.5	48000	3.68	8.4	30200	2.64
1397737	25HPA548H30	CNPH*4821A**	58MV(B,C)120-20	46500	12.0	14.5	48000	3.66	8.4	30200	2.64
3016388	25HPA548H30	CNPH*4821A**	58PH*090-16	47000	12.0	14.5	48000	3.74	8.6	30400	2.68
3016389	25HPA548H30	CNPH*4821A**	58PH*110-20	47000	12.0	14.8	48000	3.76	8.7	30000	2.70
3016390	25HPA548H30	CNPH*4821A**	58PH*135-20	47000	12.0	14.5	48000	3.74	8.7	30200	2.68
1125899	25HPA548H30	CNPH*4821A**+TDR		46500	11.5	14.0	48000	3.64	8.3	30800	2.60
1125923	25HPA548H30	CNPH*6024A**	58CV(A,X)090-16	47500	12.5	15.0	48000	3.74	8.5	30200	2.68
1125925	25HPA548H30	CNPH*6024A**	58CV(A,X)110-20	47500	12.5	15.0	48000	3.76	8.6	30200	2.70
1125927	25HPA548H30	CNPH*6024A**	58CV(A,X)135-22	48000	12.5	15.0	48000	3.78	8.6	30000	2.72
1125929	25HPA548H30	CNPH*6024A**	58CV(A,X)155-22	48000	13.0	15.0	48000	3.82	8.7	30000	2.74
3107476	25HPA548H30	CNPH*6024A**	58MEB080-16	48000	12.0	14.5	48000	3.78	8.7	30600	2.68
3107477	25HPA548H30	CNPH*6024A**	58MEB100-20	48000	12.5	15.0	48000	3.82	8.8	30400	2.72
3107478	25HPA548H30	CNPH*6024A**	58MEB120-20	48000	12.5	15.0	48000	3.86	8.9	30200	2.74
1394213	25HPA548H30	CNPH*6024A**	58MV(B,C)080-20	47500	12.0	14.5	48000	3.70	8.5	30400	2.66
1395949	25HPA548H30	CNPH*6024A**	58MV(B,C)100-20	47500	12.0	14.5	48000	3.74	8.5	30400	2.68
1397740	25HPA548H30	CNPH*6024A**	58MV(B,C)120-20	47500	12.0	14.5	48000	3.72	8.5	30200	2.68
3016391	25HPA548H30	CNPH*6024A**	58PH*090-16	48000	12.0	14.8	48000	3.80	8.8	30400	2.70
3016392	25HPA548H30	CNPH*6024A**	58PH*110-20	48000	12.5	15.0	48000	3.82	8.8	30200	2.72
3016393	25HPA548H30	CNPH*6024A**	58PH*135-20	48000	12.5	15.0	48000	3.82	8.8	30400	2.72
1125915	25HPA548H30	CNPH*6024A**+TDR		47500	11.5	14.0	48000	3.68	8.4	30800	2.62
1125881	25HPA548H30	CNPV*4821A**	58CV(A,X)110-20	47000	12.0	14.5	48000	3.70	8.4	30200	2.66
3107470	25HPA548H30	CNPV*4821A**	58MEB100-20	47000	12.0	14.5	48000	3.76	8.7	30200	2.68
1394207	25HPA548H30	CNPV*4821A**	58MV(B,C)080-20	46500	11.5	14.0	48000	3.66	8.4	30400	2.62
1395943	25HPA548H30	CNPV*4821A**	58MV(B,C)100-20	46500	11.5	14.0	48000	3.68	8.4	30200	2.64
3016384	25HPA548H30	CNPV*4821A**	58PH*090-16	47000	12.0	14.5	48000	3.74	8.6	30400	2.68
3016385	25HPA548H30	CNPV*4821A**	58PH*110-20	47000	12.0	14.8	48000	3.76	8.7	30000	2.70
1453326	25HPA548H30	CNPV*4821A**	58UUVB080-20	46500	11.5	14.0	48000	3.66	8.4	30400	2.62
1453332	25HPA548H30	CNPV*4821A**	58UUVB100-20	46500	11.5	14.0	48000	3.68	8.4	30200	2.64
1125875	25HPA548H30	CNPV*4821A**+TDR		46500	11.5	14.0	48000	3.64	8.3	30800	2.60
1125887	25HPA548H30	CNPV*4824A**	58CV(A,X)135-22	47000	12.0	14.5	48000	3.72	8.5	30000	2.68
1125889	25HPA548H30	CNPV*4824A**	58CV(A,X)155-22	47000	12.5	15.0	48000	3.76	8.5	30000	2.70
3107471	25HPA548H30	CNPV*4824A**	58MEB120-20	47000	12.0	14.5	48000	3.78	8.7	30200	2.70
1397731	25HPA548H30	CNPV*4824A**	58MV(B,C)120-20	46500	11.5	14.0	48000	3.66	8.4	30200	2.64
3016386	25HPA548H30	CNPV*4824A**	58PH*135-20	47000	12.0	14.5	48000	3.74	8.6	30200	2.68
1453338	25HPA548H30	CNPV*4824A**	58UUVB120-20	46500	11.5	14.0	48000	3.66	8.4	30200	2.64
1125883	25HPA548H30	CNPV*4824A**+TDR		46500	11.5	14.0	48000	3.64	8.3	30800	2.60
1125895	25HPA548H30	CNPV*6024A**	58CV(A,X)135-22	48000	12.5	15.0	48000	3.78	8.6	30000	2.72
1125897	25HPA548H30	CNPV*6024A**	58CV(A,X)155-22	48000	13.0	15.0	48000	3.82	8.7	30000	2.74
3107472	25HPA548H30	CNPV*6024A**	58MEB120-20	48000	12.5	15.0	48000	3.86	8.9	30200	2.74
1397734	25HPA548H30	CNPV*6024A**	58MV(B,C)120-20	47500	12.0	14.5	48000	3.72	8.5	30200	2.68
3016387	25HPA548H30	CNPV*6024A**	58PH*135-20	48000	12.5	15.0	48000	3.82	8.8	30400	2.72
1453340	25HPA548H30	CNPV*6024A**	58UUVB120-20	47500	12.0	14.5	48000	3.72	8.5	30200	2.68
1125891	25HPA548H30	CNPV*6024A**+TDR		47500	11.5	14.0	48000	3.68	8.4	30800	2.62
1125941	25HPA548H30	CSPH*4812A**	58CV(A,X)090-16	47000	12.0	14.5	48000	3.72	8.5	30400	2.66
1125943	25HPA548H30	CSPH*4812A**	58CV(A,X)110-20	47000	12.0	14.5	48000	3.72	8.5	30400	2.66
1125945	25HPA548H30	CSPH*4812A**	58CV(A,X)135-22	47000	12.0	14.5	48000	3.76	8.5	30200	2.68
1125947	25HPA548H30	CSPH*4812A**	58CV(A,X)155-22	47500	12.5	15.0	48000	3.78	8.6	30200	2.70
3107479	25HPA548H30	CSPH*4812A**	58MEB080-16	47500	12.0	14.0	48000	3.74	8.7	30600	2.66
3107480	25HPA548H30	CSPH*4812A**	58MEB100-20	47500	12.0	14.5	48000	3.78	8.7	30200	2.70
3107481	25HPA548H30	CSPH*4812A**	58MEB120-20	47500	12.5	15.0	48000	3.80	8.8	30200	2.70

25HPA5H

See notes on pg. 23

# COMBINATION RATINGS (CONT.)

25HPA5H

ARI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cooling Capacity	EER	SEER	High Temp		HSPF	Low Temp	
							E Capacity	E COP		H Capacity	H COP
1394216	25HPA548H30	CSPH*4812A**	58MV(B,C)080-20	47000	11.5	14.0	48000	3.68	8.4	30400	2.64
1395952	25HPA548H30	CSPH*4812A**	58MV(B,C)100-20	47000	12.0	14.5	48000	3.70	8.5	30400	2.64
1397743	25HPA548H30	CSPH*4812A**	58MV(B,C)120-20	47000	12.0	14.5	48000	3.70	8.4	30400	2.66
3016394	25HPA548H30	CSPH*4812A**	58PH*090-16	47500	12.0	14.5	48000	3.76	8.7	30400	2.68
3016395	25HPA548H30	CSPH*4812A**	58PH*110-20	47000	12.0	14.8	48000	3.76	8.7	30200	2.70
3016396	25HPA548H30	CSPH*4812A**	58PH*135-20	47000	12.0	14.5	48000	3.74	8.7	30200	2.68
1125933	25HPA548H30	CSPH*4812A**+TDR		47000	11.5	14.0	48000	3.68	8.4	30800	2.62
1125957	25HPA548H30	CSPH*6012A**	58CV(A,X)090-16	48000	12.5	15.0	48000	3.78	8.6	30400	2.70
1125959	25HPA548H30	CSPH*6012A**	58CV(A,X)110-20	48000	12.5	15.0	48000	3.80	8.6	30200	2.72
1125961	25HPA548H30	CSPH*6012A**	58CV(A,X)135-22	48000	12.5	15.0	48000	3.84	8.7	30200	2.74
1125963	25HPA548H30	CSPH*6012A**	58CV(A,X)155-22	48000	13.0	15.0	48000	3.86	8.7	30000	2.74
3107482	25HPA548H30	CSPH*6012A**	58MEB080-16	48000	12.0	14.5	48000	3.84	8.8	30800	2.70
3107483	25HPA548H30	CSPH*6012A**	58MEB100-20	48000	12.5	15.0	48000	3.88	8.9	30400	2.74
3107484	25HPA548H30	CSPH*6012A**	58MEB120-20	48000	12.5	15.0	48000	3.90	9.0	30400	2.76
1394219	25HPA548H30	CSPH*6012A**	58MV(B,C)080-20	47500	12.0	14.5	48000	3.76	8.5	30400	2.68
1395955	25HPA548H30	CSPH*6012A**	58MV(B,C)100-20	48000	12.5	15.0	48000	3.78	8.6	30400	2.70
1397746	25HPA548H30	CSPH*6012A**	58MV(B,C)120-20	47500	12.5	15.0	48000	3.76	8.6	30400	2.68
3016397	25HPA548H30	CSPH*6012A**	58PH*090-16	48000	12.5	15.0	48000	3.86	8.9	30600	2.72
3016398	25HPA548H30	CSPH*6012A**	58PH*110-20	48000	12.5	15.0	48000	3.88	8.9	30200	2.74
3016399	25HPA548H30	CSPH*6012A**	58PH*135-20	48000	12.5	15.0	48000	3.86	8.9	30400	2.74
1125949	25HPA548H30	CSPH*6012A**+TDR		47500	11.5	14.0	48000	3.72	8.5	30800	2.64
1169077	25HPA560H30	†FV4BNB006		59000	11.7	14.0	60000	3.72	8.7	38000	2.70
1125979	25HPA560H30	CAP**6021A**	58CV(A,X)110-20	58000	11.2	13.5	60000	3.54	8.1	38000	2.62
3107485	25HPA560H30	CAP**6021A**	58MEB100-20	58000	11.0	13.5	60000	3.54	8.2	38000	2.62
3016400	25HPA560H30	CAP**6021A**	58PH*090-16	58000	11.2	13.5	60000	3.52	8.2	38000	2.60
3016401	25HPA560H30	CAP**6021A**	58PH*110-20	58500	11.2	13.5	60000	3.58	8.3	38000	2.64
1125977	25HPA560H30	CAP**6021A**+TDR		58000	11.0	13.2	60000	3.54	8.1	38500	2.60
1125983	25HPA560H30	CAP**6024A**	58CV(A,X)135-22	58000	11.2	13.5	60000	3.56	8.2	38000	2.64
1125985	25HPA560H30	CAP**6024A**	58CV(A,X)155-22	58500	11.5	14.0	60000	3.60	8.2	38000	2.66
3107486	25HPA560H30	CAP**6024A**	58MEB120-20	58000	11.0	13.5	60000	3.56	8.2	37800	2.64
3016402	25HPA560H30	CAP**6024A**	58PH*135-20	58000	11.2	13.5	60000	3.54	8.2	38000	2.62
1125981	25HPA560H30	CAP**6024A**+TDR		58000	11.0	13.2	60000	3.54	8.1	38500	2.60
1125995	25HPA560H30	CNPV*6024A**	58CV(A,X)110-20	57500	11.2	13.5	60000	3.48	8.0	38000	2.60
1125997	25HPA560H30	CNPV*6024A**	58CV(A,X)135-22	58000	11.2	13.5	60000	3.50	8.1	37800	2.62
1125999	25HPA560H30	CNPV*6024A**	58CV(A,X)155-22	58000	11.5	14.0	60000	3.54	8.1	37800	2.64
3107487	25HPA560H30	CNPV*6024A**	58MEB080-16	57000	11.0	13.0	60000	3.40	8.0	38000	2.56
3107488	25HPA560H30	CNPV*6024A**	58MEB100-20	57500	11.0	13.5	60000	3.48	8.1	37800	2.60
3107489	25HPA560H30	CNPV*6024A**	58MEB120-20	58000	11.0	13.5	60000	3.50	8.2	37800	2.62
3016404	25HPA560H30	CNPV*6024A**	58PH*090-16	57500	11.2	13.5	60000	3.46	8.1	38000	2.60
3016405	25HPA560H30	CNPV*6024A**	58PH*110-20	58000	11.2	13.5	60000	3.52	8.2	38000	2.62
3016406	25HPA560H30	CNPV*6024A**	58PH*135-20	57500	11.2	13.5	60000	3.48	8.1	38000	2.62
1125993	25HPA560H30	CNPV*6024A**+TDR		58000	11.0	13.2	60000	3.48	8.0	38500	2.60
1125989	25HPA560H30	CNPV*6024A**	58CV(A,X)135-22	58000	11.2	13.5	60000	3.50	8.1	37800	2.62
1125991	25HPA560H30	CNPV*6024A**	58CV(A,X)155-22	58000	11.5	14.0	60000	3.54	8.1	37800	2.64
3107663	25HPA560H30	CNPV*6024A**	58MEB120-20	58000	11.0	13.5	60000	3.50	8.2	37800	2.62
3016403	25HPA560H30	CNPV*6024A**	58PH*135-20	57500	11.2	13.5	60000	3.48	8.1	38000	2.62
1125987	25HPA560H30	CNPV*6024A**+TDR		58000	11.0	13.2	60000	3.48	8.0	38500	2.60
1126003	25HPA560H30	CSPH*6012A**	58CV(A,X)110-20	58000	11.2	13.5	60000	3.56	8.2	38000	2.64
1126005	25HPA560H30	CSPH*6012A**	58CV(A,X)135-22	58500	11.5	14.0	60000	3.60	8.2	38000	2.66
1126007	25HPA560H30	CSPH*6012A**	58CV(A,X)155-22	58500	11.5	14.0	60000	3.62	8.3	38000	2.68
3107490	25HPA560H30	CSPH*6012A**	58MEB080-16	57500	11.0	13.5	60000	3.48	8.1	38000	2.60
3107491	25HPA560H30	CSPH*6012A**	58MEB100-20	58000	11.0	13.5	60000	3.56	8.3	38000	2.64
3107492	25HPA560H30	CSPH*6012A**	58MEB120-20	58500	11.0	13.5	60000	3.58	8.3	37800	2.66
3016407	25HPA560H30	CSPH*6012A**	58PH*090-16	58000	11.2	13.5	60000	3.54	8.2	38000	2.62
3016408	25HPA560H30	CSPH*6012A**	58PH*110-20	58500	11.2	13.5	60000	3.62	8.4	38000	2.66
3016409	25HPA560H30	CSPH*6012A**	58PH*135-20	58000	11.2	13.5	60000	3.58	8.3	38000	2.64
1126001	25HPA560H30	CSPH*6012A**+TDR		58000	11.0	13.2	60000	3.56	8.1	38500	2.62

See notes on pg. 23

## COMBINATION RATINGS (CONT.)

ARI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cooling Capacity	EER	SEER	High Temp		HSPF	Low Temp	
							E Capacity	E COP		H Capacity	H COP
1126013	25HPA560H30	FE4ANB006+UI		59000	11.5	14.0	60000	3.72	8.7	38000	2.70
1126011	25HPA560H30	FX4CN(B,F)060		59000	11.5	14.0	60000	3.72	8.5	38000	2.72
1126009	25HPA560H30	FY4ANB060		58500	11.0	13.2	60000	3.56	8.1	39000	2.60

† Tested combination.

Ratings are net values reflecting the effects of circulating fan heat. Supplemental electric heat is not included. Ratings are based on:

**Cooling Standard:** 80°F (27°C) db 67°F (19°C) wb indoor entering air temperature and 95°F (35°C) db air entering outdoor unit.

**High-Temp Heating Standard:** 70°F (21°C) db indoor entering air temperature and 47°F (8°C) db 43°F (6°C) wb air entering outdoor unit.

**Low-Temp Heating Standard:** 70°F (21°C) db indoor entering air temperature and 17°F (±9°C) db 15°F (±10°C) wb air entering outdoor unit.

**SEER** — Seasonal Energy Efficiency Ratio

**COP** — Coefficient of Performance

**TDR** — Time-Delay Relay

**HSPF** — Heating Seasonal Performance Factor

**EER** — Energy Efficiency Ratio

DETAILED COOLING CAPACITIES#

EVAPORATOR AIR		75 (23.9)				85 (29.4)				105 (40.6)				115 (46.1)				125 (51.7)	
		Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		
CFM	EWB °F (°C)	Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†	Total	Sens†		
		<b>25HPA524H0030010 Outdoor Section With FV4BNF002 Indoor Section</b>																	
700	72 (22.2)	27.97	14.26	1.47	26.68	13.76	1.66	25.92	13.24	1.86	23.87	12.69	2.09	22.31	12.11	2.34	20.60	11.49	2.61
	67 (19.4)	25.42	17.49	1.46	24.23	16.98	1.85	22.97	16.45	1.86	21.63	15.89	2.09	20.19	15.29	2.33	18.61	14.65	2.60
	63 (17.2)††	23.59	16.92	1.46	22.47	16.39	1.64	21.28	15.85	1.85	20.02	15.29	2.08	18.67	14.69	2.33	17.18	14.04	2.59
	62 (16.7)	23.11	20.72	1.45	22.02	20.19	1.64	20.87	19.63	1.85	19.66	19.01	2.08	18.43	18.43	2.32	17.24	17.24	2.59
800	72 (22.2)	22.27	22.27	1.45	21.41	21.41	1.64	20.49	20.49	1.85	19.50	19.50	2.08	18.43	18.43	2.32	17.24	17.24	2.59
	67 (19.4)	21.41	21.41	1.48	20.49	20.49	1.67	19.50	19.50	1.88	18.43	18.43	2.11	17.24	17.24	2.36	16.68	16.68	2.63
	63 (17.2)††	20.49	20.49	1.48	19.50	19.50	1.67	18.43	18.43	1.87	17.24	17.24	2.10	16.68	16.68	2.35	15.72	15.72	2.62
	62 (16.7)	19.50	19.50	1.47	18.43	18.43	1.66	17.24	17.24	1.87	16.32	16.32	2.10	15.05	15.05	2.34	14.65	14.65	2.61
900	72 (22.2)	20.49	20.49	1.50	19.50	19.50	1.69	18.43	18.43	1.90	17.24	17.24	2.13	16.68	16.68	2.35	15.72	15.72	2.63
	67 (19.4)	19.50	19.50	1.49	18.43	18.43	1.68	17.24	17.24	1.89	16.32	16.32	2.12	15.05	15.05	2.37	14.65	14.65	2.63
	63 (17.2)††	18.43	18.43	1.49	17.24	17.24	1.68	16.32	16.32	1.89	15.05	15.05	2.12	14.65	14.65	2.37	14.04	14.04	2.63
	62 (16.7)	17.24	17.24	1.49	16.32	16.32	1.68	15.05	15.05	1.89	14.04	14.04	2.12	13.43	13.43	2.37	13.43	13.43	2.63

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL		CAPACITY	POWER	FURNACE MODEL
				Total Sys. KW**	Sens†			
CNPH*2417A**	0.98	1.02	58CV(A,X)110-20	0.98	1.02	58CV(A,X)110-20	1.02	58CV(A,X)110-20
CNPH*3017A**	0.99	0.99	58CV(A,X)110-20	0.99	0.99	58CV(A,X)110-20	1.03	58CV(A,X)110-20
CSPH*2412A**	0.99	1.03	58CV(A,X)110-20	0.99	1.03	58CV(A,X)110-20	1.03	58CV(A,X)110-20
CAP**2414A**	1.00	1.04	58CV(A,X)110-20	1.00	1.04	58CV(A,X)110-20	1.02	58CV(A,X)110-20
CNPH*2417A**	0.98	1.02	58CV(A,X)135-22	0.98	1.02	58CV(A,X)135-22	1.03	58CV(A,X)135-22
CNPH*3017A**	1.00	1.00	58CV(A,X)135-22	1.00	1.00	58CV(A,X)135-22	1.02	58CV(A,X)135-22
CSPH*2412A**	1.00	1.03	58CV(A,X)135-22	1.00	1.03	58CV(A,X)135-22	1.03	58CV(A,X)135-22
CAP**2414A**	1.00	1.00	58CV(A,X)135-22	1.00	1.00	58CV(A,X)135-22	1.02	58CV(A,X)135-22
CNPH*2417A**	0.98	1.02	58MEB040-12	0.98	1.02	58MEB040-12	1.03	58MEB040-12
CNPH*3017A**	1.00	1.00	58MEB040-12	1.00	1.00	58MEB040-12	1.03	58MEB040-12
CSPH*2412A**	1.00	1.03	58MEB040-12	1.00	1.03	58MEB040-12	1.03	58MEB040-12
CAP**2414A**	1.00	1.01	58MEB040-12	1.00	1.01	58MEB040-12	1.02	58MEB040-12
CNPH*2417A**	0.97	0.98	58MEB040-12	0.97	0.98	58MEB040-12	1.02	58MEB040-12
CNPH*3017A**	0.98	0.98	58MEB040-12	0.98	0.98	58MEB040-12	1.03	58MEB040-12
CSPH*2412A**	0.98	1.02	58MEB040-12	0.98	1.02	58MEB040-12	1.03	58MEB040-12
CAP**2414A**	0.99	1.02	58MEB040-12	0.99	1.02	58MEB040-12	1.03	58MEB040-12
CNPH*2417A**	0.97	0.98	58MEB060-12	0.97	0.98	58MEB060-12	1.02	58MEB060-12
CNPH*3017A**	0.98	0.98	58MEB060-12	0.98	0.98	58MEB060-12	1.03	58MEB060-12
CSPH*2412A**	0.98	1.02	58MEB060-12	0.98	1.02	58MEB060-12	1.03	58MEB060-12
CAP**2414A**	0.99	1.02	58MEB060-12	0.99	1.02	58MEB060-12	1.03	58MEB060-12
CNPH*2417A**	0.97	0.99	58MEB060-12	0.97	0.99	58MEB060-12	1.02	58MEB060-12
CNPH*3017A**	0.98	0.99	58MEB060-12	0.98	0.99	58MEB060-12	1.03	58MEB060-12
CSPH*2412A**	0.98	1.02	58MEB060-12	0.98	1.02	58MEB060-12	1.03	58MEB060-12
CAP**2414A**	0.99	1.02	58MEB060-12	0.99	1.02	58MEB060-12	1.03	58MEB060-12
CNPH*2417A**	0.97	0.99	58MEB080-12	0.97	0.99	58MEB080-12	1.02	58MEB080-12
CNPH*3017A**	0.98	0.98	58MEB080-12	0.98	0.98	58MEB080-12	1.03	58MEB080-12
CSPH*2412A**	0.98	1.02	58MEB080-12	0.98	1.02	58MEB080-12	1.03	58MEB080-12
CAP**2414A**	0.99	1.02	58MEB080-12	0.99	1.02	58MEB080-12	1.03	58MEB080-12
CNPH*2417A**	0.97	0.99	58MV(B,C)080-14	0.97	0.99	58MV(B,C)080-14	1.02	58MV(B,C)080-14
CNPH*3017A**	0.98	0.98	58MV(B,C)080-14	0.98	0.98	58MV(B,C)080-14	1.03	58MV(B,C)080-14
CSPH*2412A**	0.98	1.02	58MV(B,C)080-14	0.98	1.02	58MV(B,C)080-14	1.03	58MV(B,C)080-14
CAP**2414A**	0.99	1.02	58MV(B,C)080-14	0.99	1.02	58MV(B,C)080-14	1.03	58MV(B,C)080-14

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL		CAPACITY	POWER	FURNACE MODEL
				Total Sys. KW**	Sens†			
CNPH*2417A**	0.98	1.02	58CV(A,X)110-20	0.98	1.02	58CV(A,X)110-20	1.02	58CV(A,X)110-20
CNPH*3017A**	0.99	0.99	58CV(A,X)110-20	0.99	0.99	58CV(A,X)110-20	1.03	58CV(A,X)110-20
CSPH*2412A**	0.99	1.03	58CV(A,X)110-20	0.99	1.03	58CV(A,X)110-20	1.03	58CV(A,X)110-20
CAP**2414A**	1.00	1.04	58CV(A,X)110-20	1.00	1.04	58CV(A,X)110-20	1.02	58CV(A,X)110-20
CNPH*2417A**	0.98	1.02	58CV(A,X)135-22	0.98	1.02	58CV(A,X)135-22	1.03	58CV(A,X)135-22
CNPH*3017A**	1.00	1.00	58CV(A,X)135-22	1.00	1.00	58CV(A,X)135-22	1.02	58CV(A,X)135-22
CSPH*2412A**	1.00	1.03	58CV(A,X)135-22	1.00	1.03	58CV(A,X)135-22	1.03	58CV(A,X)135-22
CAP**2414A**	1.00	1.00	58CV(A,X)135-22	1.00	1.00	58CV(A,X)135-22	1.02	58CV(A,X)135-22
CNPH*2417A**	0.98	1.02	58MEB040-12	0.98	1.02	58MEB040-12	1.03	58MEB040-12
CNPH*3017A**	1.00	1.00	58MEB040-12	1.00	1.00	58MEB040-12	1.03	58MEB040-12
CSPH*2412A**	1.00	1.03	58MEB040-12	1.00	1.03	58MEB040-12	1.03	58MEB040-12
CAP**2414A**	1.00	1.01	58MEB040-12	1.00	1.01	58MEB040-12	1.02	58MEB040-12
CNPH*2417A**	0.97	0.98	58MEB040-12	0.97	0.98	58MEB040-12	1.02	58MEB040-12
CNPH*3017A**	0.98	0.98	58MEB040-12	0.98	0.98	58MEB040-12	1.03	58MEB040-12
CSPH*2412A**	0.98	1.02	58MEB040-12	0.98	1.02	58MEB040-12	1.03	58MEB040-12
CAP**2414A**	0.99	1.02	58MEB040-12	0.99	1.02	58MEB040-12	1.03	58MEB040-12
CNPH*2417A**	0.97	0.98	58MEB060-12	0.97	0.98	58MEB060-12	1.02	58MEB060-12
CNPH*3017A**	0.98	0.98	58MEB060-12	0.98	0.98	58MEB060-12	1.03	58MEB060-12
CSPH*2412A**	0.98	1.02	58MEB060-12	0.98	1.02	58MEB060-12	1.03	58MEB060-12
CAP**2414A**	0.99	1.02	58MEB060-12	0.99	1.02	58MEB060-12	1.03	58MEB060-12
CNPH*2417A**	0.97	0.99	58MEB060-12	0.97	0.99	58MEB060-12	1.02	58MEB060-12
CNPH*3017A**	0.98	0.99	58MEB060-12	0.98	0.99	58MEB060-12	1.03	58MEB060-12
CSPH*2412A**	0.98	1.02	58MEB060-12	0.98	1.02	58MEB060-12	1.03	58MEB060-12
CAP**2414A**	0.99	1.02	58MEB060-12	0.99	1.02	58MEB060-12	1.03	58MEB060-12
CNPH*2417A**	0.97	0.99	58MEB080-12	0.97	0.99	58MEB080-12	1.02	58MEB080-12
CNPH*3017A**	0.98	0.98	58MEB080-12	0.98	0.98	58MEB080-12	1.03	58MEB080-12
CSPH*2412A**	0.98	1.02	58MEB080-12	0.98	1.02	58MEB080-12	1.03	58MEB080-12
CAP**2414A**	0.99	1.02	58MEB080-12	0.99	1.02	58MEB080-12	1.03	58MEB080-12
CNPH*2417A**	0.97	0.99	58MV(B,C)080-14	0.97	0.99	58MV(B,C)080-14	1.02	58MV(B,C)080-14
CNPH*3017A**	0.98	0.98	58MV(B,C)080-14	0.98	0.98	58MV(B,C)080-14	1.03	58MV(B,C)080-14
CSPH*2412A**	0.98	1.02	58MV(B,C)080-14	0.98	1.02	58MV(B,C)080-14	1.03	58MV(B,C)080-14
CAP**2414A**	0.99	1.02	58MV(B,C)080-14	0.99	1.02	58MV(B,C)080-14	1.03	58MV(B,C)080-14

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL		CAPACITY	POWER	FURNACE MODEL
				Total Sys. KW**	Sens†			
*FV4BNF002	1.00	1.00		1.00	1.00			
FE4ANBF003	0.99	0.95		0.99	0.95			
FE4ANF002	1.00	1.00		1.00	1.00			
FF1ENP024	0.95	1.10		0.95	1.10			
FF1ENP030	0.95	1.08		0.95	1.08			
FV4BNBF003	1.00	0.96		1.00	0.96			
FX4CNF024	0.97	1.01		0.97	1.01			
FX4CNF030	0.97	1.02		0.97	1.02			
FY4ANF024	0.95	1.08		0.95	1.08			
FY4ANF030	0.96	1.07		0.96	1.07			
CAP**2414A**	0.96	1.09						

# DETAILED COOLING CAPACITIES# CONTINUED

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES ° F (° C)																							
		75 (23.9)				85 (29.4)				95 (35)				105 (40.6)				115 (46.1)				125 (51.7)			
		CFM	EWB ° F (° C)	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**				
Total	Sens†			Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†								
<b>25HPA530H0030010 Outdoor Section With FV4BNF003 Indoor Section</b>																									
	72 (22.2)	34.55	17.65	32.93	17.03	1.97	31.19	16.39	2.20	28.37	15.72	2.46	27.39	15.00	2.74	25.20	14.22	3.04							
	67 (19.4)	31.51	21.83	30.02	21.20	1.96	28.44	20.55	2.19	26.76	19.86	2.45	24.96	19.13	2.73	22.98	18.33	3.03							
<b>875</b>	63 (17.2)††	29.30	21.11	27.91	20.48	1.96	26.43	19.83	2.19	24.87	19.14	2.45	23.19	18.41	2.72	21.35	17.61	3.03							
	62 (16.7)	28.74	25.97	27.40	25.30	1.96	25.98	24.59	2.19	24.51	24.33	2.45	23.09	23.09	2.72	21.58	21.58	3.03							
	57 (13.9)	27.92	27.92	26.84	26.84	1.95	25.68	25.68	2.19	24.44	24.44	2.44	23.09	23.09	2.72	21.58	21.58	3.03							
	72 (22.2)	35.21	18.51	33.52	17.88	1.99	31.71	17.23	2.22	29.82	16.55	2.48	27.77	15.92	2.76	25.50	15.02	3.06							
	67 (19.4)	32.13	23.22	30.57	22.58	1.98	28.93	21.91	2.21	27.19	21.21	2.47	25.32	20.46	2.75	23.28	19.64	3.05							
<b>1000</b>	63 (17.2)††	29.90	22.41	28.44	21.77	1.98	26.91	21.11	2.21	25.29	20.40	2.47	23.55	19.65	2.75	21.85	18.83	3.05							
	62 (16.7)	29.41	27.78	28.04	27.04	1.98	26.66	26.66	2.21	25.34	25.34	2.47	23.90	23.90	2.75	22.30	22.30	3.05							
	57 (13.9)	29.05	29.05	27.89	27.89	1.98	26.66	26.66	2.21	25.34	25.34	2.47	23.90	23.90	2.75	22.30	22.30	3.05							
	72 (22.2)	35.72	19.32	33.96	18.69	2.01	32.10	18.02	2.24	30.15	17.34	2.50	28.04	16.60	2.78	25.72	15.79	3.08							
	67 (19.4)	32.60	24.55	31.00	23.89	2.00	29.30	23.21	2.24	27.51	22.49	2.49	25.60	21.72	2.77	23.51	20.86	3.07							
<b>1125</b>	63 (17.2)††	30.36	23.66	28.86	23.00	2.00	27.28	22.32	2.23	25.61	21.60	2.49	23.83	20.82	2.77	21.89	19.96	3.07							
	62 (16.7)	30.01	30.01	28.77	28.77	2.00	27.48	27.48	2.23	26.09	26.09	2.49	24.57	24.57	2.77	22.89	22.89	3.07							
	57 (13.9)	30.00	30.00	28.78	28.78	2.00	27.48	27.48	2.23	26.09	26.09	2.49	24.58	24.58	2.77	22.89	22.89	3.07							

Cooling Indoor Model	Capacity	Power	Furnace Model	Cooling Indoor Model	Capacity	Power	Furnace Model	Cooling Indoor Model	Capacity	Power	Furnace Model	Cooling Indoor Model	Capacity	Power	Furnace Model	Cooling Indoor Model	Capacity	Power	Furnace Model
FV4BN(B)F003	1.00	1.00	58CV(A)X090-16	CNPH*3017A**	0.99	1.03	58CV(A)X090-16	CNPH*3017A**	0.98	1.02	58MEB080-12	CNPH*3017A**	0.98	1.03	58MEB080-12	CNPH*3017A**	0.98	1.02	58MEB080-12
FE4AN(B)F003	1.00	1.00	58CV(A)X090-16	CNPH*3017A**	0.99	1.03	58CV(A)X090-16	CNPH*3017A**	0.98	1.02	58MEB080-12	CNPH*3017A**	0.98	1.03	58MEB080-12	CNPH*3017A**	0.98	1.02	58MEB080-12
FE4AN(B)F002	1.03	1.03	58CV(A)X090-16	CSPH*3612A**	0.99	1.03	58CV(A)X090-16	CSPH*3612A**	0.99	1.03	58MEB080-12	CSPH*3612A**	0.98	1.02	58MEB080-12	CSPH*3612A**	0.98	1.02	58MEB080-12
FF1ENP030	0.96	1.13	58CV(A)X110-20	CAP**3621A**	1.01	1.01	58CV(A)X110-20	CAP**3621A**	0.99	1.00	58MEB080-12	CAP**3621A**	1.00	1.00	58MEB080-12	CAP**3621A**	0.99	1.00	58MEB080-12
FF1ENP036	0.98	1.14	58CV(A)X110-20	CNPH*3017A**	0.99	1.03	58CV(A)X110-20	CNPH*3017A**	0.99	1.03	58MEB080-12	CNPH*3017A**	0.99	1.03	58MEB080-12	CNPH*3017A**	0.99	1.03	58MEB080-12
FV4BN(B)F005	1.03	1.03	58CV(A)X110-20	CNPH*3617A**	0.99	1.03	58CV(A)X110-20	CNPH*3617A**	0.99	1.03	58MEB080-16	CNPH*3617A**	0.99	1.03	58MEB080-16	CNPH*3617A**	0.99	1.03	58MEB080-16
FV4BN(F)002	0.99	1.03	58CV(A)X110-20	CNPH*3012A**	0.99	1.03	58CV(A)X110-20	CNPH*3012A**	0.99	1.03	58MEB080-16	CNPH*3012A**	0.99	1.03	58MEB080-16	CNPH*3012A**	0.99	1.03	58MEB080-16
FV4CN(B)F036	0.99	1.08	58CV(A)X110-20	CSPH*3612A**	0.99	1.03	58CV(A)X110-20	CSPH*3612A**	0.99	1.03	58MEB080-16	CSPH*3612A**	0.99	1.03	58MEB080-16	CSPH*3612A**	0.99	1.03	58MEB080-16
FV4CN(F)030	0.97	1.05	58CV(A)X110-20	CNPH*3017A**	1.01	1.01	58CV(A)X110-20	CNPH*3017A**	0.99	1.03	58MEB080-16	CNPH*3017A**	0.99	1.03	58MEB080-16	CNPH*3017A**	0.99	1.03	58MEB080-16
FV4AN(F)030	0.97	1.12	58CV(A)X135-22	CNPH*3017A**	0.99	1.03	58CV(A)X135-22	CNPH*3017A**	0.99	1.03	58MEB080-16	CNPH*3017A**	0.99	1.03	58MEB080-16	CNPH*3017A**	0.99	1.03	58MEB080-16
FV4AN(F)036	0.97	1.13	58CV(A)X135-22	CNPH*3617A**	0.99	1.03	58CV(A)X135-22	CNPH*3617A**	0.99	1.03	58MEB080-16	CNPH*3617A**	0.99	1.03	58MEB080-16	CNPH*3617A**	0.99	1.03	58MEB080-16
CAP**3014A**	0.97	1.12	58CV(A)X135-22	CSPH*3012A**	0.99	1.03	58CV(A)X135-22	CSPH*3012A**	0.99	1.03	58MEB080-16	CSPH*3012A**	0.99	1.01	58MEB080-16	CSPH*3012A**	0.99	1.01	58MEB080-16
CAP**3017A**	0.97	1.12	58CV(A)X135-22	CSPH*3612A**	1.01	1.01	58CV(A)X135-22	CSPH*3612A**	0.99	1.06	58MEB040-14	CSPH*3612A**	0.98	1.06	58MEB040-14	CSPH*3612A**	0.98	1.06	58MEB040-14
CAP**3614A**	0.97	1.13	58CV(A)X135-22	CNPH*3017A**	0.99	1.03	58CV(A)X135-22	CNPH*3017A**	0.99	1.03	58MEB040-14	CNPH*3017A**	0.98	1.06	58MEB040-14	CNPH*3017A**	0.98	1.06	58MEB040-14
CAP**3617A**	0.97	1.13	58CV(A)X155-22	CNPH*3617A**	0.99	1.03	58CV(A)X155-22	CNPH*3617A**	0.99	1.03	58MEB040-14	CNPH*3617A**	0.99	1.07	58MEB040-14	CNPH*3617A**	0.99	1.07	58MEB040-14
CAP**3621A**	0.97	1.13	58CV(A)X155-22	CSPH*3012A**	0.99	1.03	58CV(A)X155-22	CSPH*3012A**	0.99	1.03	58MEB040-14	CSPH*3012A**	0.99	1.01	58MEB040-14	CSPH*3012A**	0.99	1.01	58MEB040-14
CNPF*3618A**	0.97	1.13	58CV(A)X155-22	CSPH*3612A**	1.01	1.03	58CV(A)X155-22	CSPH*3612A**	0.99	1.03	58MEB060-14	CSPH*3612A**	0.99	1.03	58MEB060-14	CSPH*3612A**	0.99	1.03	58MEB060-14
CNPH*3017A**	0.97	1.13	58MEB040-12	CAP**3017A**	0.98	1.02	58MEB040-12	CAP**3017A**	0.99	1.03	58MEB060-14	CAP**3017A**	0.99	1.03	58MEB060-14	CAP**3017A**	0.99	1.03	58MEB060-14
CNPH*3617A**	0.97	1.13	58MEB040-12	CAP**3617A**	0.99	1.03	58MEB040-12	CAP**3617A**	0.99	1.03	58MEB060-14	CAP**3617A**	0.99	1.07	58MEB060-14	CAP**3617A**	0.99	1.07	58MEB060-14
CNPH*3014A**	0.97	1.13	58MEB040-12	CNPH*3017A**	0.98	1.02	58MEB040-12	CNPH*3017A**	0.99	1.03	58MEB060-14	CNPH*3017A**	0.99	1.07	58MEB060-14	CNPH*3017A**	0.99	1.07	58MEB060-14
CNPH*3017A**	0.97	1.13	58MEB040-12	CNPH*3617A**	0.98	1.02	58MEB040-12	CNPH*3617A**	0.99	1.03	58MEB060-14	CNPH*3617A**	0.99	1.07	58MEB060-14	CNPH*3617A**	0.99	1.07	58MEB060-14
CNPH*3617A**	0.97	1.13	58MEB040-12	CNPH*3017A**	0.98	1.02	58MEB040-12	CNPH*3017A**	0.99	1.03	58MEB060-14	CNPH*3017A**	0.99	1.07	58MEB060-14	CNPH*3017A**	0.99	1.07	58MEB060-14
CNPH*3012A**	0.97	1.13	58MEB040-12	CNPH*3617A**	0.98	1.02	58MEB040-12	CNPH*3617A**	0.99	1.03	58MEB060-14	CNPH*3617A**	0.99	1.07	58MEB060-14	CNPH*3617A**	0.99	1.07	58MEB060-14
CSPH*3012A**	0.97	1.13	58MEB040-12	CSPH*3012A**	0.98	1.02	58MEB040-12	CSPH*3012A**	0.99	1.03	58MEB060-14	CSPH*3012A**	0.99	1.07	58MEB060-14	CSPH*3012A**	0.99	1.07	58MEB060-14
CSPH*3612A**	0.99	1.15	58MEB040-12	CSPH*3612A**	1.00	1.00	58MEB040-12	CSPH*3612A**	0.99	1.06	58MEB060-14	CSPH*3612A**	0.99	1.07	58MEB060-14	CSPH*3612A**	0.99	1.07	58MEB060-14
CAP**3014A**	0.98	1.06	58CV(A)X070-12	CAP**3017A**	0.98	1.02	58MEB060-12	CAP**3017A**	0.99	1.03	58MEB080-14	CAP**3017A**	0.99	1.06	58MEB080-14	CAP**3017A**	0.99	1.06	58MEB080-14
CAP**3614A**	0.99	1.07	58CV(A)X070-12	CAP**3617A**	0.98	1.03	58MEB060-12	CAP**3617A**	0.99	1.06	58MEB080-14	CAP**3617A**	0.99	1.06	58MEB080-14	CAP**3617A**	0.99	1.06	58MEB080-14
CNPH*3017A**	0.99	1.07	58CV(A)X070-12	CNPH*3017A**	0.98	1.03	58MEB060-12	CNPH*3017A**	0.99	1.06	58MEB080-14	CNPH*3017A**	0.99	1.06	58MEB080-14	CNPH*3017A**	0.99	1.06	58MEB080-14
CNPH*3617A**	0.99	1.07	58CV(A)X070-12	CNPH*3617A**	0.98	1.03	58MEB060-12	CNPH*3617A**	0.99	1.06	58MEB080-14	CNPH*3617A**	0.99	1.06	58MEB080-14	CNPH*3617A**	0.99	1.06	58MEB080-14
CNPH*3014A**	0.98	1.11	58CV(A)X070-12	CNPH*3017A**	0.98	1.02	58MEB060-12	CNPH*3017A**	0.99	1.04	58MEB080-14	CNPH*3017A**	0.99	1.04	58MEB080-14	CNPH*3017A**	0.99	1.04	58MEB080-14
CNPH*3017A**	0.99	1.07	58CV(A)X070-12	CNPH*3617A**	0.98	1.02	58MEB060-12	CNPH*3617A**	0.99	1.04	58MEB080-14	CNPH*3617A**	0.99	1.04	58MEB080-14	CNPH*3617A**	0.99	1.04	

**DETAILED COOLING CAPACITIES# CONTINUED**

25HPA530H0030010 Outdoor Section With FV4BNF003 Indoor Section

Cooling Indoor Model	Capacity	Power	Furnace Model
CAP**3621A**	0.99	1.03	58MVB100-20
CNPH*3017A**	0.99	1.07	58MVB100-20
CNPH*3617A**	0.99	1.07	58MVB100-20
CNPH*3621A**	0.99	1.03	58MVB100-20
CSPH*3012A**	0.99	1.08	58MVB100-20
CSPH*3612A**	1.01	1.05	58MVB100-20
CNPH*3017A**	0.99	1.03	58MVB120-20
CNPH*3617A**	0.99	1.03	58MVB120-20
CSPH*3012A**	0.99	1.03	58MVB120-20
CSPH*3612A**	1.01	1.01	58MVB120-20
CAP**3017A**	0.97	1.05	58PH*070-16
CAP**3617A**	0.97	1.01	58PH*070-16
CNPH*3017A**	0.97	1.05	58PH*070-16
CNPH*3617A**	0.97	1.05	58PH*070-16
CNPV*3017A**	0.97	1.05	58PH*070-16
CNPV*3617A**	0.97	1.05	58PH*070-16
CSPH*3012A**	0.99	1.03	58PH*070-16
CSPH*3612A**	0.99	1.03	58PH*070-16
CAP**3621A**	0.99	1.03	58PH*090-16
CNPH*3017A**	0.97	1.01	58PH*090-16
CNPH*3617A**	0.97	1.01	58PH*090-16
CNPV*3621A**	0.97	1.01	58PH*090-16
CSPH*3012A**	0.99	1.01	58PH*090-16
CSPH*3612A**	0.99	1.03	58PH*090-16
CNPV*3621A**	0.96	1.00	58VMR105-12

See notes on page 32

# DETAILED COOLING CAPACITIES# CONTINUED

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F (°C)																							
		75 (23.9)				85 (29.4)				95 (35)				105 (40.6)				115 (46.1)				125 (51.7)			
		CFM	EWB °F (°C)	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**				
Total	Sens†			Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†								
<b>25HPA536H0030010 Outdoor Section With FV4BNF005 Indoor Section</b>																									
	72 (22.2)	43.60	22.55	2.21	41.66	21.79	2.10	39.60	21.00	2.77	37.42	20.18	3.09	35.08	19.30	3.44	32.51	18.35	3.82						
	67 (19.4)	39.72	27.79	2.20	37.91	27.00	2.46	35.99	26.19	2.75	33.97	25.34	3.07	31.79	24.43	3.42	29.41	23.45	3.80						
1050	63 (17.2)†	36.89	26.87	2.19	35.18	26.08	2.45	33.38	25.25	2.74	31.47	24.39	3.06	29.42	23.48	3.41	27.18	22.49	3.79						
	62 (16.7)	36.16	33.01	2.18	34.50	32.19	2.45	31.33	31.33	2.74	30.91	30.38	3.06	29.11	29.11	3.41	27.31	27.31	3.79						
	57 (13.9)	34.98	34.98	2.18	33.65	33.65	2.45	32.24	32.24	2.74	30.74	30.74	3.06	29.11	29.11	3.41	27.31	27.31	3.79						
	72 (22.2)	44.50	23.68	2.24	42.48	22.91	2.50	40.34	22.10	2.79	38.08	21.27	3.12	35.65	20.38	3.47	32.99	19.42	3.85						
	67 (19.4)	40.57	29.61	2.22	38.68	28.81	2.49	36.69	27.98	2.78	34.59	27.11	3.10	32.34	26.18	3.45	29.88	25.19	3.83						
1200	63 (17.2)†	37.03	28.58	2.21	35.93	27.78	2.48	34.05	26.94	2.77	32.07	26.06	3.09	29.94	25.12	3.44	27.62	24.10	3.82						
	62 (16.7)	37.03	35.45	2.21	35.32	34.57	2.48	33.58	33.58	2.77	31.98	31.98	3.09	30.25	30.25	3.44	28.34	28.34	3.82						
	57 (13.9)	36.48	36.48	2.21	35.07	35.07	2.48	33.58	33.58	2.77	31.98	31.98	3.09	30.25	30.25	3.44	28.34	28.34	3.82						
	72 (22.2)	45.19	24.74	2.26	43.11	23.97	2.53	40.90	23.16	2.82	38.58	22.31	3.15	36.08	21.41	3.50	33.35	20.44	3.88						
	67 (19.4)	41.23	31.35	2.25	39.28	30.54	2.52	37.23	29.69	2.81	35.06	28.81	3.13	32.75	27.87	3.48	30.23	26.84	3.86						
1350	63 (17.2)†	38.34	30.22	2.24	36.50	29.40	2.51	34.57	28.55	2.80	32.53	27.64	3.12	30.34	26.68	3.47	27.97	25.64	3.84						
	62 (16.7)	37.82	37.67	2.24	36.27	36.27	2.51	34.69	34.69	2.80	33.02	33.02	3.12	31.20	31.20	3.47	29.20	29.20	3.85						
	57 (13.9)	37.75	37.75	2.24	36.27	36.27	2.51	34.69	34.69	2.80	33.02	33.02	3.12	31.20	31.20	3.47	29.20	29.20	3.85						

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL		CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL		CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL		CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL		CAPACITY	POWER	FURNACE MODEL
				INDOOR MODEL	POWER				FURNACE MODEL	INDOOR MODEL				POWER	FURNACE MODEL				INDOOR MODEL	POWER			
*FV4BN(B)F005	1.00	1.00		CNPV*3617A**	0.97	1.05	58CV(A)X090-16	CNPV*3617A**	0.96	1.04	58MEB080-12	CNPV*3617A**	0.96	1.04	58MEB080-12	CNPV*3617A**	0.96	1.04	58MEB080-12	CNPV*3617A**	0.96	1.04	58MEB080-12
FE4AN(B)F003	0.98	1.02		CNPV*4217A**	0.97	1.01	58CV(A)X090-16	CNPV*4217A**	0.97	1.01	58MEB080-12	CNPV*4217A**	0.97	1.01	58MEB080-12	CNPV*4217A**	0.97	1.01	58MEB080-12	CNPV*4217A**	0.97	1.01	58MEB080-12
FE4AN(B)F005	1.00	1.00		CSPH*3612A**	0.99	1.03	58CV(A)X090-16	CSPH*3612A**	0.99	1.03	58MEB080-12	CSPH*3612A**	0.99	1.03	58MEB080-12	CSPH*3612A**	0.99	1.03	58MEB080-12	CSPH*3612A**	0.99	1.03	58MEB080-12
FE4AN(B)F006	1.00	1.00		CSPH*4212A**	1.00	1.04	58CV(A)X090-16	CSPH*4212A**	1.00	1.04	58MEB080-12	CSPH*4212A**	1.00	1.04	58MEB080-12	CSPH*4212A**	1.00	1.04	58MEB080-12	CSPH*4212A**	1.00	1.04	58MEB080-12
FE4ANF002	0.96	1.04		CAP**3621A**	0.97	1.01	58CV(A)X110-20	CAP**3621A**	0.97	1.01	58MEB080-12	CAP**3621A**	0.97	1.01	58MEB080-12	CAP**3621A**	0.97	1.01	58MEB080-12	CAP**3621A**	0.97	1.01	58MEB080-12
FF1ENP036	0.98	1.12		CAP**4221A**	0.98	1.02	58CV(A)X110-20	CAP**4221A**	0.98	1.02	58MEB080-12	CAP**4221A**	0.98	1.02	58MEB080-12	CAP**4221A**	0.98	1.02	58MEB080-12	CAP**4221A**	0.98	1.02	58MEB080-12
FV4BN(B)F003	0.98	1.02		CNPV*3617A**	0.97	1.05	58CV(A)X110-20	CNPV*3617A**	0.97	1.05	58MEB080-12	CNPV*3617A**	0.97	1.05	58MEB080-12	CNPV*3617A**	0.97	1.05	58MEB080-12	CNPV*3617A**	0.97	1.05	58MEB080-12
FV4BN(B)006	1.00	1.00		CNPV*4217A**	0.99	0.99	58CV(A)X110-20	CNPV*4217A**	0.99	0.99	58MEB080-12	CNPV*4217A**	0.99	0.99	58MEB080-12	CNPV*4217A**	0.99	0.99	58MEB080-12	CNPV*4217A**	0.99	0.99	58MEB080-12
FV4BNF002	0.98	1.04		CNPV*3621A**	0.97	1.05	58CV(A)X110-20	CNPV*3621A**	0.97	1.05	58MEB080-12	CNPV*3621A**	0.97	1.05	58MEB080-12	CNPV*3621A**	0.97	1.05	58MEB080-12	CNPV*3621A**	0.97	1.05	58MEB080-12
FX4CN(B)F036	0.96	1.02		CNPV*4221A**	0.99	0.99	58CV(A)X110-20	CNPV*4221A**	0.99	0.99	58MEB080-12	CNPV*4221A**	0.99	0.99	58MEB080-12	CNPV*4221A**	0.99	0.99	58MEB080-12	CNPV*4221A**	0.99	0.99	58MEB080-12
FX4CN(B)F036	0.98	1.06		CSPH*3612A**	0.99	1.03	58CV(A)X110-20	CSPH*3612A**	0.99	1.03	58MEB080-12	CSPH*3612A**	0.99	1.03	58MEB080-12	CSPH*3612A**	0.99	1.03	58MEB080-12	CSPH*3612A**	0.99	1.03	58MEB080-12
FX4CN(B)F042	1.00	1.04		CSPH*4212A**	1.00	1.04	58CV(A)X110-20	CSPH*4212A**	1.00	1.04	58MEB080-12	CSPH*4212A**	1.00	1.04	58MEB080-12	CSPH*4212A**	1.00	1.04	58MEB080-12	CSPH*4212A**	1.00	1.04	58MEB080-12
FX4CN(B)F042	0.99	1.03		CAP**4224A**	0.98	1.02	58CV(A)X135-22	CAP**4224A**	0.98	1.02	58MEB040-12	CAP**4224A**	0.98	1.02	58MEB040-12	CAP**4224A**	0.98	1.02	58MEB040-12	CAP**4224A**	0.98	1.02	58MEB040-12
FY4ANF036	0.96	1.12		CNPV*3617A**	0.97	1.05	58CV(A)X135-22	CNPV*3617A**	0.97	1.05	58MEB040-12	CNPV*3617A**	0.97	1.05	58MEB040-12	CNPV*3617A**	0.97	1.05	58MEB040-12	CNPV*3617A**	0.97	1.05	58MEB040-12
FY4ANF042	0.98	1.13		CNPV*4217A**	0.99	0.99	58CV(A)X135-22	CNPV*4217A**	0.99	0.99	58MEB040-12	CNPV*4217A**	0.99	0.99	58MEB040-12	CNPV*4217A**	0.99	0.99	58MEB040-12	CNPV*4217A**	0.99	0.99	58MEB040-12
CAP**3614A**	0.95	1.10		CSPH*3612A**	1.00	1.04	58CV(A)X135-22	CSPH*3612A**	1.00	1.04	58MEB040-12	CSPH*3612A**	1.00	1.04	58MEB040-12	CSPH*3612A**	1.00	1.04	58MEB040-12	CSPH*3612A**	1.00	1.04	58MEB040-12
CAP**3617A**	0.96	1.12		CSPH*4212A**	1.00	1.00	58CV(A)X135-22	CSPH*4212A**	1.00	1.00	58MEB040-12	CSPH*4212A**	1.00	1.00	58MEB040-12	CSPH*4212A**	1.00	1.00	58MEB040-12	CSPH*4212A**	1.00	1.00	58MEB040-12
CAP**3621A**	0.96	1.12		CAP**4224A**	0.98	1.02	58CV(A)X155-22	CAP**4224A**	0.98	1.02	58MEB040-12	CAP**4224A**	0.98	1.02	58MEB040-12	CAP**4224A**	0.98	1.02	58MEB040-12	CAP**4224A**	0.98	1.02	58MEB040-12
CAP**4221A**	0.97	1.12		CNPV*3617A**	0.97	1.05	58CV(A)X155-22	CNPV*3617A**	0.97	1.05	58MEB040-12	CNPV*3617A**	0.97	1.05	58MEB040-12	CNPV*3617A**	0.97	1.05	58MEB040-12	CNPV*3617A**	0.97	1.05	58MEB040-12
CAP**4224A**	0.97	1.12		CNPV*4217A**	0.99	0.99	58CV(A)X155-22	CNPV*4217A**	0.99	0.99	58MEB040-12	CNPV*4217A**	0.99	0.99	58MEB040-12	CNPV*4217A**	0.99	0.99	58MEB040-12	CNPV*4217A**	0.99	0.99	58MEB040-12
CNPV*3618A**	0.96	1.12		CSPH*3612A**	1.00	1.04	58CV(A)X155-22	CSPH*3612A**	1.00	1.04	58MEB040-12	CSPH*3612A**	1.00	1.04	58MEB040-12	CSPH*3612A**	1.00	1.04	58MEB040-12	CSPH*3612A**	1.00	1.04	58MEB040-12
CNPV*3617A**	0.96	1.12		CSPH*4212A**	1.00	1.00	58CV(A)X155-22	CSPH*4212A**	1.00	1.00	58MEB040-12	CSPH*4212A**	1.00	1.00	58MEB040-12	CSPH*4212A**	1.00	1.00	58MEB040-12	CSPH*4212A**	1.00	1.00	58MEB040-12
CNPV*4212A**	0.97	1.13		CAP**3617A**	0.96	1.04	58MEB040-12	CAP**3617A**	0.96	1.04	58MEB040-12	CAP**3617A**	0.96	1.04	58MEB040-12	CAP**3617A**	0.96	1.04	58MEB040-12	CAP**3617A**	0.96	1.04	58MEB040-12
CNPV*3617A**	0.96	1.12		CNPV*4217A**	0.97	1.01	58MEB040-12	CNPV*4217A**	0.97	1.01	58MEB040-12	CNPV*4217A**	0.97	1.01	58MEB040-12	CNPV*4217A**	0.97	1.01	58MEB040-12	CNPV*4217A**	0.97	1.01	58MEB040-12
CNPV*4217A**	0.96	1.12		CNPV*3617A**	0.96	1.04	58MEB040-12	CNPV*3617A**	0.96	1.04	58MEB040-12	CNPV*3617A**	0.96	1.04	58MEB040-12	CNPV*3617A**	0.96	1.04	58MEB040-12	CNPV*3617A**	0.96	1.04	58MEB040-12
CSPH*3612A**	0.98	1.11		CNPV*4217A**	0.97	1.01	58MEB040-12	CNPV*4217A**	0.97	1.01	58MEB040-12	CNPV*4217A**	0.97	1.01	58MEB040-12	CNPV*4217A**	0.97	1.01	58MEB040-12	CNPV*4217A**	0.97	1.01	58MEB040-12
CSPH*4212A**	0.98	1.11		CSPH*3612A**	0.98	1.03	58MEB040-12	CSPH*3612A**	0.98	1.03	58MEB040-12	CSPH*3612A**	0.98	1.03	58MEB040-12	CSPH*3612A**	0.98	1.03	58MEB040-1				

DETAILED COOLING CAPACITIES# CONTINUED

25HPA56H0030010 Outdoor Section With FV4BNF005 Indoor Section

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CNPV*3621A**	0.96	1.09	58MV080-14
CNPV*4221A**	0.98	1.07	58MV080-14
CSPH*3612A**	0.99	1.02	58MV080-14
CSPH*4212A**	0.99	1.05	58MV080-14
CAP**3621A**	0.97	1.08	58MV080-20
CAP**4221A**	0.98	1.06	58MV080-20
CNPV*3617A**	0.97	1.09	58MV080-20
CNPV*4221A**	0.98	1.02	58MV080-20
CNPV*3621A**	0.97	1.09	58MV080-20
CNPV*4221A**	0.98	1.07	58MV080-20
CSPH*3612A**	0.99	1.02	58MV080-20
CSPH*4212A**	1.00	1.04	58MV080-20
CAP**3621A**	0.97	1.05	58MV100-20
CAP**4221A**	0.98	1.06	58MV100-20
CNPV*3617A**	0.97	1.05	58MV100-20
CNPV*4221A**	0.98	1.03	58MV100-20
CNPV*3621A**	0.99	1.04	58MV100-20
CNPV*4221A**	1.00	1.04	58MV100-20
CSPH*3612A**	0.99	1.03	58MV100-20
CSPH*4212A**	1.00	1.04	58MV100-20
CAP**3614A**	0.95	1.07	58PH*045-08
CNPV*3617A**	0.96	1.09	58PH*045-08
CNPV*4221A**	0.95	1.07	58PH*045-08
CSPH*3612A**	0.98	1.06	58PH*045-08
CSPH*4212A**	0.98	1.07	58PH*045-08
CAP**3617A**	0.96	1.04	58PH*070-16
CNPV*3617A**	0.95	1.03	58PH*070-16
CNPV*4221A**	0.97	1.05	58PH*070-16
CNPV*3617A**	0.95	1.03	58PH*070-16
CNPV*4217A**	0.97	1.05	58PH*070-16
CSPH*3612A**	0.98	1.06	58PH*070-16
CAP**3621A**	0.97	1.01	58PH*090-16
CAP**4221A**	0.97	1.01	58PH*090-16
CNPV*3617A**	0.96	1.00	58PH*090-16
CNPV*4221A**	0.97	1.01	58PH*090-16
CNPV*3621A**	0.96	1.00	58PH*090-16
CNPV*4221A**	0.97	1.01	58PH*090-16
CSPH*3612A**	0.99	0.99	58PH*090-16
CAP**3621A**	0.97	1.01	58PH*110-20
CNPV*3617A**	0.96	1.00	58PH*110-20
CNPV*4221A**	0.98	1.02	58PH*110-20
CNPV*3621A**	0.96	1.00	58PH*110-20
CNPV*4221A**	0.98	1.02	58PH*110-20
CSPH*3612A**	0.99	1.03	58PH*110-20
CSPH*4212A**	0.99	0.99	58PH*110-20

See notes on page 32

# DETAILED COOLING CAPACITIES# CONTINUED

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F (°C)																	
		75 (23.9)			85 (29.4)			95 (35)			105 (40.6)			115 (46.1)			125 (51.7)		
CFM	EWB °F (°C)	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**			
		Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†				
<b>25HPA542H0030010 Outdoor Section With FV4BNF005 Indoor Section</b>																			
	72 (22.2)	52.62	28.46	2.48	50.03	25.48	2.89	47.98	24.46	3.29	44.51	23.43	3.71	41.54	22.36	4.14	38.30	21.20	4.58
	67 (19.4)	48.34	32.81	2.58	45.97	31.81	2.96	43.48	30.77	3.35	40.92	29.72	3.76	38.21	28.62	4.18	35.26	27.44	4.60
1225	63 (17.2)†	45.13	31.83	2.64	42.93	30.83	3.01	40.63	29.80	3.39	38.25	28.76	3.79	35.73	27.66	4.19	33.00	26.48	4.60
	62 (16.7)	44.28	30.07	2.65	42.12	30.04	3.02	39.90	30.04	3.40	37.61	30.04	3.79	35.31	30.04	4.19	33.06	33.06	4.60
	57 (13.9)	42.74	42.74	2.68	41.03	41.03	3.04	39.22	39.22	3.41	37.33	37.33	3.79	35.31	35.31	4.19	33.06	33.06	4.60
	72 (22.2)	53.52	27.69	2.49	50.83	26.70	2.89	47.98	25.66	3.31	45.09	24.62	3.73	42.03	23.53	4.17	38.69	22.36	4.61
	67 (19.4)	49.25	34.86	2.59	46.77	33.94	2.98	44.18	32.79	3.38	41.52	31.72	3.79	38.71	30.59	4.21	35.66	29.38	4.63
1400	63 (17.2)†	46.05	33.77	2.65	43.74	32.76	3.03	41.34	31.71	3.42	38.86	30.64	3.82	36.25	29.51	4.22	33.42	28.30	4.64
	62 (16.7)	45.25	41.86	2.67	43.03	40.74	3.04	40.77	40.58	3.42	38.67	38.67	3.82	36.50	36.50	4.22	34.10	34.10	4.64
	57 (13.9)	44.47	44.47	2.68	42.83	42.83	3.05	40.70	40.70	3.42	38.67	38.67	3.82	36.50	36.50	4.22	34.10	34.10	4.64
	72 (22.2)	54.20	28.87	2.50	51.42	27.87	2.91	48.48	26.82	3.33	45.51	25.77	3.76	42.37	24.67	4.20	42.12	24.58	4.20
	67 (19.4)	49.94	36.83	2.60	47.37	35.79	3.00	44.69	34.72	3.40	41.95	33.63	3.81	39.07	32.47	4.24	35.95	31.23	4.67
1575	63 (17.2)†	46.74	35.63	2.67	44.35	34.60	3.05	41.87	33.52	3.45	39.32	32.43	3.85	36.64	31.27	4.26	33.74	30.02	4.67
	62 (16.7)	46.09	44.34	2.68	43.95	43.95	3.06	41.90	41.90	3.44	39.76	39.76	3.84	37.47	37.47	4.25	34.93	34.93	4.67
	57 (13.9)	45.91	45.91	2.69	43.96	43.96	3.06	41.91	41.91	3.44	39.76	39.76	3.84	37.47	37.47	4.25	34.93	34.93	4.67

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
FE4AN(B,F)003	0.98	1.06	58CV(A,X)135-22	CAP**4224A**	1.00	1.08	58CV(A,X)135-22	CAP**4224A**	1.00	1.08	58CV(A,X)135-22	CAP**4224A**	1.00	1.08	58CV(A,X)135-22	CAP**4224A**	1.00	1.08	58CV(A,X)135-22
FE4AN(B,F)005	1.00	1.00	58CV(A,X)135-22	CAP**4824A**	1.00	1.04	58CV(A,X)135-22	CAP**4824A**	1.00	1.04	58CV(A,X)135-22	CAP**4824A**	1.00	1.04	58CV(A,X)135-22	CAP**4824A**	1.00	1.04	58CV(A,X)135-22
FE4AN(B)006	1.00	1.00	58CV(A,X)135-22	CNP**4221A**	1.00	1.04	58CV(A,X)135-22	CNP**4221A**	1.00	1.04	58CV(A,X)135-22	CNP**4221A**	1.00	1.04	58CV(A,X)135-22	CNP**4221A**	1.00	1.04	58CV(A,X)135-22
FV4BN(B,F)003	0.98	1.06	58CV(A,X)135-22	CNP**4824A**	1.00	1.04	58CV(A,X)135-22	CNP**4824A**	1.00	1.04	58CV(A,X)135-22	CNP**4824A**	1.00	1.04	58CV(A,X)135-22	CNP**4824A**	1.00	1.04	58CV(A,X)135-22
FV4BN(B)006	1.00	1.00	58CV(A,X)135-22	CNP**4221A**	1.00	1.04	58CV(A,X)135-22	CNP**4221A**	1.00	1.04	58CV(A,X)135-22	CNP**4221A**	1.00	1.04	58CV(A,X)135-22	CNP**4221A**	1.00	1.04	58CV(A,X)135-22
FV4CN(B,F)042	1.00	1.08	58CV(A,X)135-22	CSPH*4221A**	1.00	1.04	58CV(A,X)135-22	CSPH*4221A**	1.00	1.04	58CV(A,X)135-22	CSPH*4221A**	1.00	1.04	58CV(A,X)135-22	CSPH*4221A**	1.00	1.04	58CV(A,X)135-22
FV4CN(B,F)048	1.00	1.04	58CV(A,X)135-22	CSPH*4812A**	1.00	1.04	58CV(A,X)135-22	CSPH*4812A**	1.00	1.04	58CV(A,X)135-22	CSPH*4812A**	1.00	1.04	58CV(A,X)135-22	CSPH*4812A**	1.00	1.04	58CV(A,X)135-22
FV4ANF042	1.00	1.16	58CV(A,X)155-22	CAP**4224A**	1.00	1.08	58CV(A,X)155-22	CAP**4224A**	1.00	1.08	58CV(A,X)155-22	CAP**4224A**	1.00	1.08	58CV(A,X)155-22	CAP**4224A**	1.00	1.08	58CV(A,X)155-22
FV4ANF048	1.00	1.16	58CV(A,X)155-22	CAP**4824A**	1.00	1.04	58CV(A,X)155-22	CAP**4824A**	1.00	1.04	58CV(A,X)155-22	CAP**4824A**	1.00	1.04	58CV(A,X)155-22	CAP**4824A**	1.00	1.04	58CV(A,X)155-22
CAP**4221A**	0.99	1.15	58CV(A,X)155-22	CNP**4221A**	1.00	1.04	58CV(A,X)155-22	CNP**4221A**	1.00	1.04	58CV(A,X)155-22	CNP**4221A**	1.00	1.04	58CV(A,X)155-22	CNP**4221A**	1.00	1.04	58CV(A,X)155-22
CAP**4224A**	1.00	1.13	58CV(A,X)155-22	CNP**4824A**	1.00	1.04	58CV(A,X)155-22	CNP**4824A**	1.00	1.04	58CV(A,X)155-22	CNP**4824A**	1.00	1.04	58CV(A,X)155-22	CNP**4824A**	1.00	1.04	58CV(A,X)155-22
CAP**4817A**	1.00	1.16	58CV(A,X)155-22	CSPH*4212A**	1.00	1.04	58CV(A,X)155-22	CSPH*4212A**	1.00	1.04	58CV(A,X)155-22	CSPH*4212A**	1.00	1.04	58CV(A,X)155-22	CSPH*4212A**	1.00	1.04	58CV(A,X)155-22
CAP**4824A**	1.00	1.16	58CV(A,X)155-22	CSPH*4812A**	1.00	1.04	58CV(A,X)155-22	CSPH*4812A**	1.00	1.04	58CV(A,X)155-22	CSPH*4812A**	1.00	1.04	58CV(A,X)155-22	CSPH*4812A**	1.00	1.04	58CV(A,X)155-22
CNP**4818A**	1.00	1.16	58MEB040-12	CAP**4817A**	1.00	1.08	58MEB040-12	CAP**4817A**	1.00	1.08	58MEB040-12	CAP**4817A**	1.00	1.08	58MEB040-12	CAP**4817A**	1.00	1.08	58MEB040-12
CNP**4221A**	0.99	1.15	58MEB040-12	CNP**4221A**	1.00	1.08	58MEB040-12	CNP**4221A**	1.00	1.08	58MEB040-12	CNP**4221A**	1.00	1.08	58MEB040-12	CNP**4221A**	1.00	1.08	58MEB040-12
CNP**4821A**	1.00	1.16	58MEB040-12	CNP**4821A**	1.00	1.08	58MEB040-12	CNP**4821A**	1.00	1.08	58MEB040-12	CNP**4821A**	1.00	1.08	58MEB040-12	CNP**4821A**	1.00	1.08	58MEB040-12
CNP**4217A**	1.00	1.13	58MEB040-12	CNP**4217A**	1.00	1.08	58MEB040-12	CNP**4217A**	1.00	1.08	58MEB040-12	CNP**4217A**	1.00	1.08	58MEB040-12	CNP**4217A**	1.00	1.08	58MEB040-12
CNPV*4217A**	1.00	1.13	58MEB040-12	CNPV*4217A**	1.00	1.08	58MEB040-12	CNPV*4217A**	1.00	1.08	58MEB040-12	CNPV*4217A**	1.00	1.08	58MEB040-12	CNPV*4217A**	1.00	1.08	58MEB040-12
CNPV*4221A**	0.99	1.15	58MEB040-12	CSPH*4212A**	1.00	1.08	58MEB040-12	CSPH*4212A**	1.00	1.08	58MEB040-12	CSPH*4212A**	1.00	1.08	58MEB040-12	CSPH*4212A**	1.00	1.08	58MEB040-12
CNPV*4821A**	1.00	1.16	58MEB040-12	CAP**4817A**	1.00	1.08	58MEB040-12	CAP**4817A**	1.00	1.08	58MEB040-12	CAP**4817A**	1.00	1.08	58MEB040-12	CAP**4817A**	1.00	1.08	58MEB040-12
CNPV*4824A**	1.00	1.16	58MEB040-12	CNP**4824A**	1.00	1.08	58MEB040-12	CNP**4824A**	1.00	1.08	58MEB040-12	CNP**4824A**	1.00	1.08	58MEB040-12	CNP**4824A**	1.00	1.08	58MEB040-12
CNP**4817A**	1.00	1.13	58MEB060-12	CNP**4221A**	1.00	1.08	58MEB060-12	CNP**4221A**	1.00	1.08	58MEB060-12	CNP**4221A**	1.00	1.08	58MEB060-12	CNP**4221A**	1.00	1.08	58MEB060-12
CNP**4824A**	1.00	1.13	58MEB060-12	CNP**4824A**	1.00	1.08	58MEB060-12	CNP**4824A**	1.00	1.08	58MEB060-12	CNP**4824A**	1.00	1.08	58MEB060-12	CNP**4824A**	1.00	1.08	58MEB060-12
CNP**4817A**	1.00	1.13	58MEB060-12	CNP**4217A**	1.00	1.08	58MEB060-12	CNP**4217A**	1.00	1.08	58MEB060-12	CNP**4217A**	1.00	1.08	58MEB060-12	CNP**4217A**	1.00	1.08	58MEB060-12
CNP**4821A**	1.00	1.16	58MEB060-12	CNP**4821A**	1.00	1.08	58MEB060-12	CNP**4821A**	1.00	1.08	58MEB060-12	CNP**4821A**	1.00	1.08	58MEB060-12	CNP**4821A**	1.00	1.08	58MEB060-12
CNP**4212A**	1.00	1.13	58MEB060-12	CNP**4212A**	1.00	1.08	58MEB060-12	CNP**4212A**	1.00	1.08	58MEB060-12	CNP**4212A**	1.00	1.08	58MEB060-12	CNP**4212A**	1.00	1.08	58MEB060-12
CNP**4817A**	1.00	1.08	58MEB060-12	CNP**4817A**	1.00	1.08	58MEB060-12	CNP**4817A**	1.00	1.08	58MEB060-12	CNP**4817A**	1.00	1.08	58MEB060-12	CNP**4817A**	1.00	1.08	58MEB060-12
CNP**4221A**	1.00	1.08	58MEB060-12	CNP**4221A**	1.00	1.08	58MEB060-12	CNP**4221A**	1.00	1.08	58MEB060-12	CNP**4221A**	1.00	1.08	58MEB060-12	CNP**4221A**	1.00	1.08	58MEB060-12
CNP**4821A**	1.00	1.08	58MEB060-12	CNP**4821A**	1.00	1.08	58MEB060-12	CNP**4821A**	1.00	1.08	58MEB060-12	CNP**4821A**	1.00	1.08	58MEB060-12	CNP**4821A**	1.00	1.08	58MEB060-12
CNP**4212A**	1.00	1.13	58MEB060-12	CNP**4212A**	1.00	1.08	58MEB060-12	CNP**4212A**	1.00	1.08	58MEB060-12	CNP**4212A**	1.00	1.08	58MEB060-12	CNP**4212A**	1.00	1.08	58MEB060-12
CNP**4812A**	1.00	1.08	58MEB060-12	CNP**4812A**	1.00	1.08	58MEB060-12	CNP											



# DETAILED COOLING CAPACITIES# CONTINUED

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F (°C)																															
		75 (23.9)					85 (29.4)					95 (35)					105 (40.6)					115 (46.1)					125 (51.7)						
		CFM	EWB °F (°C)	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**						
				Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†	Total	Sens†	Total	Sens†
<b>25HPA548H0030010 Outdoor Section With FV4BNF005 Indoor Section</b>																																	
	72 (22.2)	59.51	30.25	2.89	56.63	29.15	3.29	53.63	28.01	3.72	50.51	26.84	4.18	47.22	25.63	4.67	43.63	24.33	5.19														
	67 (19.4)	54.24	37.28	2.90	51.59	36.15	3.30	48.85	34.99	3.72	46.00	33.81	4.17	42.99	32.58	4.66	40.95	31.76	4.84														
1400	63 (17.2)††	50.39	36.06	2.91	47.92	34.92	3.30	45.36	33.77	3.71	42.71	32.58	4.16	39.92	31.36	4.64	36.92	30.05	5.15														
	62 (16.7)	49.41	44.26	2.91	47.00	43.08	3.30	44.53	41.86	3.71	42.00	40.55	4.16	39.46	30.46	4.64	37.03	37.03	5.15														
	57 (13.9)	47.68	47.68	2.92	45.77	45.77	3.30	43.78	43.78	3.71	41.69	41.69	4.16	39.47	39.47	4.64	37.03	37.03	5.15														
	72 (22.2)	60.68	31.69	2.93	57.67	30.56	3.33	54.55	29.41	3.76	51.31	28.23	4.22	47.88	27.00	4.71	44.17	25.68	5.23														
	67 (19.4)	55.35	39.63	2.94	52.58	38.48	3.33	49.72	37.30	3.76	46.75	36.08	4.21	43.63	34.82	4.70	40.28	33.47	5.21														
1600	63 (17.2)††	51.46	38.26	2.95	48.87	37.11	3.34	46.21	35.93	3.76	43.45	34.72	4.20	40.55	33.46	4.69	38.51	32.59	4.66														
	62 (16.7)	50.55	47.39	2.95	48.07	46.11	3.34	45.54	45.47	3.75	43.26	43.26	4.20	40.89	40.89	4.69	39.22	39.22	4.67														
	57 (13.9)	49.65	49.65	2.95	47.61	47.61	3.34	45.49	45.49	3.75	43.26	43.26	4.20	40.89	40.89	4.69	39.22	39.22	4.67														
	72 (22.2)	61.57	33.06	2.96	58.46	31.92	3.36	55.23	30.75	3.80	51.90	29.55	4.26	48.38	28.30	4.75	44.56	26.96	5.27														
	67 (19.4)	56.20	41.87	2.98	53.33	40.70	3.37	50.38	39.50	3.80	47.32	38.26	4.25	44.12	36.96	4.74	40.87	35.56	5.26														
1800	63 (17.2)††	52.28	40.37	2.99	49.61	39.19	3.38	46.85	37.99	3.80	44.01	36.75	4.25	41.03	35.45	4.73	37.85	34.05	5.24														
	62 (16.7)	51.55	50.16	2.99	49.15	49.15	3.38	46.91	46.91	3.80	44.56	44.56	4.25	42.06	42.06	4.73	39.33	39.33	5.25														
	57 (13.9)	51.31	51.31	2.99	49.16	49.16	3.38	46.92	46.92	3.80	44.57	44.57	4.25	42.07	42.07	4.73	39.33	39.33	5.25														

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL		COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL		COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL		COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL		COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL						
			58CV(A)090-16	58CV(A)110-20				58CV(A)135-22	58CV(A)155-22				58CV(A)090-16	58CV(A)110-20				58CV(A)135-22	58CV(A)155-22				58CV(A)090-16	58CV(A)110-20	58CV(A)135-22	58CV(A)155-22	58CV(A)090-16	58CV(A)110-20	58CV(A)135-22
FV4BNF005	1.00	1.00	58CV(A)090-16	58CV(A)110-20	CSPH*4812A**	0.98	1.06	58CV(A)135-22	58CV(A)155-22	CSPH*4812A**	0.98	1.06	58CV(A)090-16	58CV(A)110-20	CSPH*4812A**	0.98	1.06	58CV(A)135-22	58CV(A)155-22	CSPH*4812A**	0.98	1.06	58CV(A)090-16	58CV(A)110-20	CSPH*4812A**	0.98	1.06	58CV(A)135-22	58CV(A)155-22
FE4ANB006	1.00	1.00	58CV(A)090-16	58CV(A)110-20	CSPH*6012A**	1.00	1.04	58CV(A)135-22	58CV(A)155-22	CSPH*6012A**	1.00	1.04	58CV(A)090-16	58CV(A)110-20	CSPH*6012A**	1.00	1.04	58CV(A)135-22	58CV(A)155-22	CSPH*6012A**	1.00	1.04	58CV(A)090-16	58CV(A)110-20	CSPH*6012A**	1.00	1.04	58CV(A)135-22	58CV(A)155-22
FE4ANF005	1.00	1.04	58CV(A)090-16	58CV(A)110-20	CAP**4824A**	0.98	1.02	58CV(A)135-22	58CV(A)155-22	CAP**4824A**	0.98	1.02	58CV(A)090-16	58CV(A)110-20	CAP**4824A**	0.98	1.02	58CV(A)135-22	58CV(A)155-22	CAP**4824A**	0.98	1.02	58CV(A)090-16	58CV(A)110-20	CAP**4824A**	0.98	1.02	58CV(A)135-22	58CV(A)155-22
FV4BNB006	1.00	1.00	58CV(A)090-16	58CV(A)110-20	CAP**6024A**	1.00	1.04	58CV(A)135-22	58CV(A)155-22	CAP**6024A**	1.00	1.04	58CV(A)090-16	58CV(A)110-20	CAP**6024A**	1.00	1.04	58CV(A)135-22	58CV(A)155-22	CAP**6024A**	1.00	1.04	58CV(A)090-16	58CV(A)110-20	CAP**6024A**	1.00	1.04	58CV(A)135-22	58CV(A)155-22
FX4CN(B)F048	1.00	1.04	58CV(A)090-16	58CV(A)110-20	CNPV*4821A**	0.98	1.02	58CV(A)135-22	58CV(A)155-22	CNPV*4821A**	0.98	1.02	58CV(A)090-16	58CV(A)110-20	CNPV*4821A**	0.98	1.02	58CV(A)135-22	58CV(A)155-22	CNPV*4821A**	0.98	1.02	58CV(A)090-16	58CV(A)110-20	CNPV*4821A**	0.98	1.02	58CV(A)135-22	58CV(A)155-22
FX4CN(B)F080	1.00	1.13	58CV(A)090-16	58CV(A)110-20	CNPV*4824A**	1.00	1.00	58CV(A)135-22	58CV(A)155-22	CNPV*4824A**	1.00	1.00	58CV(A)090-16	58CV(A)110-20	CNPV*4824A**	1.00	1.00	58CV(A)135-22	58CV(A)155-22	CNPV*4824A**	1.00	1.00	58CV(A)090-16	58CV(A)110-20	CNPV*4824A**	1.00	1.00	58CV(A)135-22	58CV(A)155-22
FY4ANB060	0.99	1.12	58CV(A)090-16	58CV(A)110-20	CNPV*6024A**	0.98	1.00	58CV(A)135-22	58CV(A)155-22	CNPV*6024A**	0.98	1.00	58CV(A)090-16	58CV(A)110-20	CNPV*6024A**	0.98	1.00	58CV(A)135-22	58CV(A)155-22	CNPV*6024A**	0.98	1.00	58CV(A)090-16	58CV(A)110-20	CNPV*6024A**	0.98	1.00	58CV(A)135-22	58CV(A)155-22
FY4ANF048	0.98	1.11	58CV(A)090-16	58CV(A)110-20	CSPH*4812A**	0.99	1.03	58CV(A)135-22	58CV(A)155-22	CSPH*4812A**	0.99	1.03	58CV(A)090-16	58CV(A)110-20	CSPH*4812A**	0.99	1.03	58CV(A)135-22	58CV(A)155-22	CSPH*4812A**	0.99	1.03	58CV(A)090-16	58CV(A)110-20	CSPH*4812A**	0.99	1.03	58CV(A)135-22	58CV(A)155-22
CAP**4817A**	0.97	1.10	58CV(A)090-16	58CV(A)110-20	CAP**6012A**	1.00	1.00	58CV(A)135-22	58CV(A)155-22	CAP**6012A**	1.00	1.00	58CV(A)090-16	58CV(A)110-20	CAP**6012A**	1.00	1.00	58CV(A)135-22	58CV(A)155-22	CAP**6012A**	1.00	1.00	58CV(A)090-16	58CV(A)110-20	CAP**6012A**	1.00	1.00	58CV(A)135-22	58CV(A)155-22
CAP**4824A**	0.97	1.10	58CV(A)090-16	58CV(A)110-20	CAP**4817A**	0.98	1.06	58CV(A)135-22	58CV(A)155-22	CAP**4817A**	0.98	1.06	58CV(A)090-16	58CV(A)110-20	CAP**4817A**	0.98	1.06	58CV(A)135-22	58CV(A)155-22	CAP**4817A**	0.98	1.06	58CV(A)090-16	58CV(A)110-20	CAP**4817A**	0.98	1.06	58CV(A)135-22	58CV(A)155-22
CAP**6021A**	0.99	1.12	58CV(A)090-16	58CV(A)110-20	CNPV*4821A**	0.98	1.02	58CV(A)135-22	58CV(A)155-22	CNPV*4821A**	0.98	1.02	58CV(A)090-16	58CV(A)110-20	CNPV*4821A**	0.98	1.02	58CV(A)135-22	58CV(A)155-22	CNPV*4821A**	0.98	1.02	58CV(A)090-16	58CV(A)110-20	CNPV*4821A**	0.98	1.02	58CV(A)135-22	58CV(A)155-22
CAP**6024A**	0.99	1.12	58CV(A)090-16	58CV(A)110-20	CNPV*6024A**	1.00	1.08	58CV(A)135-22	58CV(A)155-22	CNPV*6024A**	1.00	1.08	58CV(A)090-16	58CV(A)110-20	CNPV*6024A**	1.00	1.08	58CV(A)135-22	58CV(A)155-22	CNPV*6024A**	1.00	1.08	58CV(A)090-16	58CV(A)110-20	CNPV*6024A**	1.00	1.08	58CV(A)135-22	58CV(A)155-22
CNPV*4816A**	0.96	1.11	58CV(A)090-16	58CV(A)110-20	CSPH*4812A**	0.99	1.07	58CV(A)135-22	58CV(A)155-22	CSPH*4812A**	0.99	1.07	58CV(A)090-16	58CV(A)110-20	CSPH*4812A**	0.99	1.07	58CV(A)135-22	58CV(A)155-22	CSPH*4812A**	0.99	1.07	58CV(A)090-16	58CV(A)110-20	CSPH*4812A**	0.99	1.07	58CV(A)135-22	58CV(A)155-22
CNPV*4821A**	0.97	1.10	58CV(A)090-16	58CV(A)110-20	CSPH*6012A**	1.00	1.08	58CV(A)135-22	58CV(A)155-22	CSPH*6012A**	1.00	1.08	58CV(A)090-16	58CV(A)110-20	CSPH*6012A**	1.00	1.08	58CV(A)135-22	58CV(A)155-22	CSPH*6012A**	1.00	1.08	58CV(A)090-16	58CV(A)110-20	CSPH*6012A**	1.00	1.08	58CV(A)135-22	58CV(A)155-22
CNPV*6024A**	0.99	1.12	58CV(A)090-16	58CV(A)110-20	CAP**4821A**	1.00	1.04	58CV(A)135-22	58CV(A)155-22	CAP**4821A**	1.00	1.04	58CV(A)090-16	58CV(A)110-20	CAP**4821A**	1.00	1.04	58CV(A)135-22	58CV(A)155-22	CAP**4821A**	1.00	1.04	58CV(A)090-16	58CV(A)110-20	CAP**4821A**	1.00	1.04	58CV(A)135-22	58CV(A)155-22
CNPV*4824A**	0.97	1.10	58CV(A)090-16	58CV(A)110-20	CNPV*4821A**	0.98	1.06	58CV(A)135-22	58CV(A)155-22	CNPV*4821A**	0.98	1.06	58CV(A)090-16	58CV(A)110-20	CNPV*4821A**	0.98	1.06	58CV(A)135-22	58CV(A)155-22	CNPV*4821A**	0.98	1.06	58CV(A)090-16	58CV(A)110-20	CNPV*4821A**	0.98	1.06	58CV(A)135-22	58CV(A)155-22
CNPV*6024A**	0.99	1.12																											

DETAILED COOLING CAPACITIES# CONTINUED

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES ° F (° C)																													
		75 (23.9)					85 (29.4)					95 (35)					105 (40.6)					115 (46.1)					125 (51.7)				
		CFM	EWB ° F (° C)	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**				
Total	Sens†			Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†					
25HPA5H040030010 Outdoor Section With FV4BNF006 Indoor Section																															
	72 (22.2)		72.18	36.29	4.22	68.77	35.00	4.86	65.13	33.64	5.15	61.31	32.23	5.69	57.17	30.72	6.26	52.60	29.08	6.88											
	67 (19.4)		66.38	45.13	4.15	63.23	43.81	4.60	59.88	42.41	5.09	56.37	40.97	5.62	52.58	39.43	6.20	48.41	37.76	6.82											
1750	63 (17.2)††		62.07	43.82	4.10	59.12	42.49	4.55	55.99	41.09	5.03	52.72	39.65	5.57	49.20	38.11	6.15	45.94	36.45	6.77											
	62 (16.7)		60.91	53.88	4.09	58.04	52.49	4.54	55.00	51.01	5.02	51.86	49.42	5.56	48.61	48.61	6.14	47.07	47.07	6.18											
	57 (13.9)		58.84	58.84	4.07	56.53	56.53	4.52	54.07	54.07	5.01	51.46	51.46	5.55	48.60	48.60	6.14	47.07	47.07	6.18											
	72 (22.2)		73.35	37.93	4.30	69.81	36.63	4.74	66.04	35.25	5.23	62.07	33.82	5.76	57.79	32.29	6.34	53.07	30.63	6.96											
	67 (19.4)		67.54	47.89	4.23	64.26	46.54	4.68	60.77	45.12	5.16	57.13	43.65	5.70	53.20	42.08	6.28	48.90	40.37	6.89											
2000	63 (17.2)††		63.23	46.42	4.18	60.15	45.06	4.63	56.90	43.64	5.11	53.50	42.17	5.65	49.85	40.60	6.22	45.85	38.88	6.84											
	62 (16.7)		62.16	57.61	4.17	59.19	56.11	4.62	56.12	55.80	5.11	53.20	53.20	5.65	50.16	50.16	6.23	46.76	46.76	6.86											
	57 (13.9)		61.11	61.11	4.16	58.63	58.63	4.61	56.00	56.00	5.10	53.21	53.21	5.65	50.17	50.17	6.23	46.77	46.77	6.86											
	72 (22.2)		74.22	39.49	4.37	70.56	38.17	4.82	66.69	36.78	5.31	62.61	35.34	5.84	58.22	33.80	6.41	53.39	32.12	7.03											
	67 (19.4)		68.39	50.51	4.31	65.01	49.15	4.75	61.42	47.71	5.24	57.67	46.21	5.77	53.65	44.60	6.35	52.29	44.06	6.42											
2250	63 (17.2)††		64.10	48.90	4.26	60.92	47.52	4.70	57.56	46.07	5.19	54.06	44.56	5.72	50.31	42.95	6.30	46.23	41.17	6.92											
	62 (16.7)		63.23	60.90	4.25	60.35	60.35	4.70	57.56	57.56	5.19	54.62	54.62	5.73	51.41	51.41	6.32	47.83	47.83	6.95											
	57 (13.9)		62.96	62.96	4.25	60.35	60.35	4.70	57.57	57.57	5.19	54.63	54.63	5.73	51.42	51.42	6.32	47.83	47.83	6.95											

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL		POWER	FURNACE MODEL	CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL		POWER	FURNACE MODEL	CAPACITY	POWER	FURNACE MODEL	CAPACITY	POWER	FURNACE MODEL	
				Model	Power						Model	Power									Model
* FV4BNB006	1.00	1.00		CNPH*6024A**	0.98	1.03	58CV(A,X)135-22	0.98	1.05	58MEB120-20	CNPH*6024A**	0.98	1.03	58CV(A,X)135-22	0.98	1.05	58MEB120-20	CNPH*6024A**	0.98	1.05	58MEB120-20
FE4ANB006	1.00	1.02		CNPV*6024A**	0.98	1.03	58CV(A,X)135-22	0.98	1.05	58MEB120-20	CNPH*6024A**	0.98	1.03	58CV(A,X)135-22	0.98	1.05	58MEB120-20	CNPH*6024A**	0.98	1.05	58MEB120-20
FV4CN(B,F)060	1.00	1.02		CSPH*6024A**	0.99	1.01	58CV(A,X)135-22	0.99	1.03	58MEB120-20	CSPH*6024A**	0.99	1.01	58CV(A,X)135-22	0.99	1.03	58MEB120-20	CSPH*6024A**	0.99	1.01	58MEB120-20
FV4ANB060	0.99	1.05		CAP**6024A**	0.99	1.01	58CV(A,X)135-22	0.99	1.03	58MEB120-20	CAP**6024A**	0.99	1.01	58CV(A,X)135-22	0.99	1.03	58MEB120-20	CAP**6024A**	0.99	1.01	58MEB120-20
CAP**6021A**	0.98	1.05		CNPH*6024A**	0.98	1.00	58CV(A,X)155-22	0.98	1.02	58PH*090-16	CNPH*6024A**	0.97	1.00	58CV(A,X)155-22	0.97	1.02	58PH*090-16	CNPH*6024A**	0.97	1.00	58PH*090-16
CAP**6024A**	0.98	1.05		CNPV*6024A**	0.98	1.00	58CV(A,X)155-22	0.98	1.02	58PH*090-16	CNPV*6024A**	0.98	1.00	58CV(A,X)155-22	0.98	1.02	58PH*090-16	CNPV*6024A**	0.98	1.00	58PH*090-16
CNPH*6024A**	0.98	1.05		CSPH*6024A**	0.99	1.01	58CV(A,X)155-22	0.99	1.03	58MEB120-20	CSPH*6024A**	0.99	1.01	58CV(A,X)155-22	0.99	1.03	58MEB120-20	CSPH*6024A**	0.99	1.01	58MEB120-20
CNPV*6024A**	0.98	1.05		CNPH*6024A**	0.97	1.03	58MEB080-16	0.97	1.04	58MEB080-16	CNPH*6024A**	0.97	1.03	58MEB080-16	0.97	1.04	58MEB080-16	CNPH*6024A**	0.97	1.03	58MEB080-16
CSPH*6012A**	0.98	1.05		CSPH*6012A**	0.98	1.04	58MEB080-16	0.98	1.05	58MEB080-16	CSPH*6012A**	0.98	1.04	58MEB080-16	0.98	1.05	58MEB080-16	CSPH*6012A**	0.98	1.04	58MEB080-16
CAP**6021A**	0.98	1.03		CAP**6021A**	0.98	1.04	58MEB100-20	0.98	1.05	58MEB100-20	CAP**6021A**	0.98	1.04	58MEB100-20	0.98	1.05	58MEB100-20	CAP**6021A**	0.98	1.04	58MEB100-20
CNPH*6024A**	0.97	1.02		CNPH*6024A**	0.97	1.04	58MEB100-20	0.97	1.05	58MEB100-20	CNPH*6024A**	0.97	1.04	58MEB100-20	0.97	1.05	58MEB100-20	CNPH*6024A**	0.97	1.04	58MEB100-20
CSPH*6012A**	0.98	1.03		CSPH*6012A**	0.98	1.05	58MEB100-20	0.98	1.06	58MEB100-20	CSPH*6012A**	0.98	1.05	58MEB100-20	0.98	1.06	58MEB100-20	CSPH*6012A**	0.98	1.05	58MEB100-20
CAP**6024A**	0.98	1.03		CAP**6024A**	0.98	1.05	58CV(A,X)135-22	0.98	1.06	58CV(A,X)135-22	CAP**6024A**	0.98	1.05	58CV(A,X)135-22	0.98	1.06	58CV(A,X)135-22	CAP**6024A**	0.98	1.05	58CV(A,X)135-22

\* Tested combination.  
 † Total and sensible capacities are net capacities. Blower motor heat has been subtracted.  
 ‡ Sensible capacities shown are based on 80°F (27°C) entering air at the indoor coil. For sensible capacities at other than 80°F (27°C) deduct 835 Btuh (245 kW) per 1000 CFM (480 L/S) of indoor coil air for each degree below 80°F (27°C), or add 835 Btuh (245 kW) per 1000 CFM (480 L/S) of indoor coil air per degree above 80°F (27°C).  
 # Detailed cooling capacities are based on indoor and outdoor unit at the same elevation per ARI standard 210/240-94. If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in capacity may occur.  
 \*\* System kw is total of indoor and outdoor unit kilowatts.  
 †† At TVA rating indoor condition (75°F edb/63°F ewb). All other indoor air temperatures are at 80°F edb.  
 NOTE: When the required data falls between the published data, interpolation may be performed. Extrapolation is not an acceptable practice.  
 EWB — Entering Wet Bulb

# HEAT PUMP HEATING PERFORMANCE

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES °F (°C)																							
		-3 (-19.4)			7 (-13.9)			17 (-8.3)			27 (-2.8)			37 (2.8)			47 (8.3)			57 (13.9)			67 (19.4)		
		Capacity MBtuh		Total Sys. KWT	Capacity MBtuh		Total Sys. KWT	Capacity MBtuh		Total Sys. KWT	Capacity MBtuh		Total Sys. KWT	Capacity MBtuh		Total Sys. KWT	Capacity MBtuh		Total Sys. KWT	Capacity MBtuh		Total Sys. KWT	Capacity MBtuh		Total Sys. KWT
EDB °F (°C)	CFM	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*		
65 (18.3)	700	9.45	8.69	12.11	11.13	1.44	14.95	13.63	15.20	18.17	16.13	1.61	21.76	19.81	1.73	25.75	23.75	1.86	30.15	28.15	2.01	34.86	32.86	2.19	
	800	9.60	8.84	12.28	11.29	1.43	15.17	13.83	15.40	18.47	16.40	1.59	22.08	20.10	1.69	26.14	24.14	1.82	30.41	28.41	1.94	34.85	32.85	2.10	
	900	9.74	8.98	12.43	11.42	1.43	15.35	13.99	14.49	18.68	16.59	1.57	22.34	20.33	1.67	26.39	24.39	1.78	30.48	28.48	1.90	33.09	31.09	1.96	
70 (21.1)	700	9.06	8.33	11.75	10.80	1.51	14.61	13.32	15.59	17.77	15.78	1.69	21.34	19.42	1.81	25.26	23.26	1.95	29.63	27.63	2.12	34.34	32.34	2.29	
	800	9.21	8.48	11.93	10.96	1.50	14.81	13.51	15.58	18.03	16.01	1.67	21.65	19.71	1.77	25.66	23.66	1.90	30.02	28.02	2.03	34.59	32.59	2.20	
	900	9.34	8.60	12.08	11.10	1.50	14.98	13.66	14.98	18.25	16.20	1.65	21.91	19.94	1.75	25.95	23.95	1.88	30.13	28.13	1.99	33.82	31.82	2.12	
75 (23.9)	700	8.62	7.88	11.37	10.44	1.58	14.25	12.99	14.67	17.36	15.42	1.78	20.91	19.03	1.90	24.77	22.77	2.05	29.11	27.11	2.23	33.79	31.79	2.39	
	800	8.79	8.08	11.55	10.61	1.57	14.45	13.18	14.68	17.62	15.65	1.75	21.23	19.32	1.86	25.17	23.17	2.00	29.55	27.55	2.14	34.14	32.14	2.31	
	900	8.92	8.21	11.70	10.75	1.57	14.62	13.33	14.65	17.84	15.84	1.73	21.48	19.55	1.84	25.47	23.47	1.97	29.78	27.78	2.09	34.12	32.12	2.25	

25HPA52H0030010 Outdoor Section With FV4BNF002 Indoor Section

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	HEATING INDOOR MODEL			CAPACITY			POWER			FURNACE MODEL		
				Model	Capacity	Power	Model	Capacity	Power	Model	Capacity	Power	Model	Capacity	Power
*FV4BNF002	1.00	1.00	58CV(A,X)135-22	CNPH*3017A**	1.00	1.02	58CV(A,X)135-22	CNPH*3017A**	1.00	1.02	58CV(A,X)135-22	CNPH*3017A**	1.00	1.03	58WB060-14
FE4AN(F)003	1.00	1.02	58CV(A,X)135-22	CSPH*2412A**	1.00	1.01	58CV(A,X)135-22	CSPH*2412A**	1.00	1.01	58CV(A,X)135-22	CSPH*2412A**	1.00	1.03	58WB080-14
FE4ANF002	1.00	1.00	58CV(A,X)135-22	CSPH*3017A**	1.00	1.02	58CV(A,X)135-22	CSPH*3017A**	1.00	1.02	58CV(A,X)135-22	CSPH*3017A**	1.00	1.03	58WB080-14
FF1ENP024	1.00	1.13	58CV(A,X)155-22	CNPH*2417A**	1.00	1.01	58CV(A,X)155-22	CNPH*2417A**	1.00	1.01	58CV(A,X)155-22	CNPH*2417A**	1.00	1.03	58WB080-14
FF1ENP030	1.00	1.13	58CV(A,X)155-22	CNPH*3017A**	1.00	1.02	58CV(A,X)155-22	CNPH*3017A**	1.00	1.02	58CV(A,X)155-22	CNPH*3017A**	1.00	1.03	58WB080-14
FV4BN(B,F)003	1.00	1.00	58CV(A,X)155-22	CSPH*2412A**	1.00	1.01	58CV(A,X)155-22	CSPH*2412A**	1.00	1.01	58CV(A,X)155-22	CSPH*2412A**	1.00	1.03	58WB080-20
FX4CNF024	1.00	1.08	58CV(A,X)155-22	CSPH*3012A**	1.00	1.02	58CV(A,X)155-22	CSPH*3012A**	1.00	1.02	58CV(A,X)155-22	CSPH*3012A**	1.00	1.04	58WB080-20
FX4CNF030	1.00	1.05	58MEB040-12	CAP**2414A**	1.00	1.05	58MEB040-12	CAP**2414A**	1.00	1.05	58MEB040-12	CAP**2414A**	1.00	1.02	58WB080-20
FV4ANF024	1.00	1.14	58MEB040-12	CAP**3017A**	1.00	1.04	58MEB040-12	CAP**3017A**	1.00	1.04	58MEB040-12	CAP**3017A**	1.00	1.03	58WB080-20
FV4ANF030	1.00	1.10	58MEB040-12	CNPH*2417A**	1.00	1.05	58MEB040-12	CNPH*2417A**	1.00	1.05	58MEB040-12	CNPH*2417A**	1.00	1.02	58WB100-20
CAP**2414A**	1.00	1.11	58MEB040-12	CNPH*3017A**	1.00	1.04	58MEB040-12	CNPH*3017A**	1.00	1.04	58MEB040-12	CNPH*3017A**	1.00	1.03	58WB100-20
CAP**3014A**	1.00	1.11	58MEB040-12	CNPV*2417A**	1.00	1.05	58MEB040-12	CNPV*2417A**	1.00	1.05	58MEB040-12	CNPV*2417A**	1.00	1.02	58WB100-20
CAP**3017A**	1.00	1.11	58MEB040-12	CNPV*3017A**	1.00	1.04	58MEB040-12	CNPV*3017A**	1.00	1.04	58MEB040-12	CNPV*3017A**	1.00	1.03	58WB100-20
CNPH*2417A**	1.00	1.09	58MEB060-12	CAP**2417A**	1.00	1.04	58MEB060-12	CAP**2417A**	1.00	1.04	58MEB060-12	CAP**2417A**	1.00	1.02	58WB120-20
CNPH*3017A**	1.00	1.11	58MEB060-12	CAP**3017A**	1.00	1.04	58MEB060-12	CAP**3017A**	1.00	1.04	58MEB060-12	CAP**3017A**	1.00	1.03	58WB120-20
CNPV*2414A**	1.00	1.09	58MEB060-12	CNPH*2417A**	1.00	1.05	58MEB060-12	CNPH*2417A**	1.00	1.05	58MEB060-12	CNPH*2417A**	1.00	1.09	58PH*045-08
CNPV*2417A**	1.00	1.09	58MEB060-12	CNPH*3017A**	1.00	1.03	58MEB060-12	CNPH*3017A**	1.00	1.03	58MEB060-12	CNPH*3017A**	1.00	1.08	58PH*045-08
CNPV*3014A**	1.00	1.11	58MEB060-12	CNPV*2417A**	1.00	1.03	58MEB060-12	CNPV*2417A**	1.00	1.03	58MEB060-12	CNPV*2417A**	1.00	1.07	58PH*045-08
CNPV*3017A**	1.00	1.11	58MEB060-12	CNPV*3017A**	1.00	1.03	58MEB060-12	CNPV*3017A**	1.00	1.03	58MEB060-12	CNPV*3017A**	1.00	1.08	58PH*045-08
CSPH*2412A**	1.00	1.08	58MEB060-12	CSPH*2412A**	1.00	1.05	58MEB060-12	CSPH*2412A**	1.00	1.05	58MEB060-12	CSPH*2412A**	1.00	1.07	58PH*045-08
CSPH*3012A**	1.00	1.10	58MEB060-12	CSPH*3012A**	1.00	1.04	58MEB060-12	CSPH*3012A**	1.00	1.04	58MEB060-12	CSPH*3012A**	1.00	1.08	58PH*045-08
CAP**2414A**	1.00	1.05	58CV(A,X)070-12	CAP**2417A**	1.00	1.06	58CV(A,X)070-12	CAP**2417A**	1.00	1.06	58CV(A,X)070-12	CAP**2417A**	1.00	1.08	58PH*045-08
CAP**3014A**	1.00	1.04	58CV(A,X)070-12	CAP**3017A**	1.00	1.05	58CV(A,X)070-12	CAP**3017A**	1.00	1.05	58CV(A,X)070-12	CAP**3017A**	1.00	1.07	58PH*045-08
CNPH*2417A**	1.00	1.03	58CV(A,X)070-12	CNPH*2417A**	1.00	1.05	58CV(A,X)070-12	CNPH*2417A**	1.00	1.05	58CV(A,X)070-12	CNPH*2417A**	1.00	1.07	58PH*045-08
CNPH*3017A**	1.00	1.04	58CV(A,X)070-12	CNPH*3017A**	1.00	1.05	58CV(A,X)070-12	CNPH*3017A**	1.00	1.05	58CV(A,X)070-12	CNPH*3017A**	1.00	1.07	58PH*045-08
CNPV*2414A**	1.00	1.04	58CV(A,X)070-12	CNPV*2417A**	1.00	1.03	58CV(A,X)070-12	CNPV*2417A**	1.00	1.03	58CV(A,X)070-12	CNPV*2417A**	1.00	1.09	58PH*045-08
CNPV*2417A**	1.00	1.04	58CV(A,X)070-12	CNPV*3017A**	1.00	1.03	58CV(A,X)070-12	CNPV*3017A**	1.00	1.03	58CV(A,X)070-12	CNPV*3017A**	1.00	1.08	58PH*045-08
CNPV*3014A**	1.00	1.04	58CV(A,X)090-16	CNPV*3017A**	1.00	1.03	58CV(A,X)090-16	CNPV*3017A**	1.00	1.03	58CV(A,X)090-16	CNPV*3017A**	1.00	1.08	58PH*045-08
CNPV*3017A**	1.00	1.03	58CV(A,X)090-16	CNPV*3017A**	1.00	1.03	58CV(A,X)090-16	CNPV*3017A**	1.00	1.03	58CV(A,X)090-16	CNPV*3017A**	1.00	1.08	58PH*045-08
CNPH*2417A**	1.00	1.02	58CV(A,X)090-16	CNPH*2417A**	1.00	1.02	58CV(A,X)090-16	CNPH*2417A**	1.00	1.02	58CV(A,X)090-16	CNPH*2417A**	1.00	1.08	58PH*045-08
CNPH*3017A**	1.00	1.03	58CV(A,X)090-16	CNPH*3017A**	1.00	1.02	58CV(A,X)090-16	CNPH*3017A**	1.00	1.02	58CV(A,X)090-16	CNPH*3017A**	1.00	1.08	58PH*045-08
CNPV*2414A**	1.00	1.02	58CV(A,X)090-16	CNPV*2417A**	1.00	1.03	58CV(A,X)090-16	CNPV*2417A**	1.00	1.03	58CV(A,X)090-16	CNPV*2417A**	1.00	1.08	58PH*045-08
CNPV*2417A**	1.00	1.02	58CV(A,X)090-16	CNPV*3017A**	1.00	1.02	58CV(A,X)090-16	CNPV*3017A**	1.00	1.02	58CV(A,X)090-16	CNPV*3017A**	1.00	1.08	58PH*045-08
CNPV*3014A**	1.00	1.02	58CV(A,X)110-20	CNPV*3017A**	1.00	1.03	58CV(A,X)110-20	CNPV*3017A**	1.00	1.03	58CV(A,X)110-20	CNPV*3017A**	1.00	1.08	58PH*045-08
CNPV*3017A**	1.00	1.03	58CV(A,X)110-20	CNPV*3017A**	1.00	1.03	58CV(A,X)110-20	CNPV*3017A**	1.00	1.03	58CV(A,X)110-20	CNPV*3017A**	1.00	1.08	58PH*045-08
CSPH*2412A**	1.00	1.02	58CV(A,X)110-20	CSPH*2412A**	1.00	1.02	58CV(A,X)110-20	CSPH*2412A**	1.00	1.02	58CV(A,X)110-20	CSPH*2412A**	1.00	1.08	58PH*045-08
CSPH*3012A**	1.00	1.02	58CV(A,X)110-20	CSPH*3012A**	1.00	1.02	58CV(A,X)110-20	CSPH*3012A**	1.00	1.02	58CV(A,X)110-20	CSPH*3012A**	1.00	1.08	58PH*045-08
CNPH*2417A**	1.00	1.02	58CV(A,X)135-22	CNPH*2417A**	1.00	1.02	58CV(A,X)135-22	CNPH*2417A**	1.00	1.02	58CV(A,X)135-22	CNPH*2417A**	1.00	1.07	58PH*045-08

See notes on pg. 40



# HEAT PUMP HEATING PERFORMANCE CONTINUED

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES °F (°C)																							
		-3 (-19.4)			7 (-13.9)			17 (-8.3)			27 (-2.8)			37 (2.8)			47 (8.3)			57 (13.9)			67 (19.4)		
		Capacity MBtuh		Total Sys. KWT	Capacity MBtuh		Total Sys. KWT	Capacity MBtuh		Total Sys. KWT	Capacity MBtuh		Total Sys. KWT	Capacity MBtuh		Total Sys. KWT	Capacity MBtuh		Total Sys. KWT	Capacity MBtuh		Total Sys. KWT	Capacity MBtuh		Total Sys. KWT
EDB °F (°C)	CFM	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*		
		65 (18.3)	875	10.71	9.86	13.71	12.60	1.69	1.76	20.38	18.10	1.85	24.33	22.14	1.98	28.63	26.63	2.09	33.52	33.52	2.24	39.24	39.24	2.41	45.92
	1000	10.89	10.02	13.91	12.78	1.68	1.75	20.85	18.34	1.83	24.65	22.43	1.93	29.03	29.03	2.04	34.06	34.06	2.19	39.52	39.52	2.32	46.20	46.20	
	1125	11.04	10.15	14.07	12.93	1.68	1.73	20.88	18.54	1.81	24.91	22.67	1.90	29.34	29.34	2.01	34.45	34.45	2.14	39.49	39.49	2.26	46.44	46.44	
70 (21.1)	875	10.21	9.39	13.27	12.19	1.76	1.65	19.97	17.74	1.95	23.79	21.65	2.06	28.11	28.11	2.19	32.87	32.87	2.35	38.56	38.56	2.54	45.20	45.20	
	1000	10.42	9.58	13.48	12.38	1.76	1.64	20.22	17.96	1.92	24.12	21.95	2.02	28.50	28.50	2.14	33.40	33.40	2.29	39.05	39.05	2.44	45.44	45.44	
	1125	10.57	9.72	13.65	12.54	1.83	1.63	20.43	18.14	1.91	24.45	22.25	2.00	28.82	28.82	2.11	33.81	33.81	2.26	39.03	39.03	2.37	45.68	45.68	
75 (23.9)	875	9.68	8.90	12.61	11.77	1.84	1.64	19.56	17.37	2.04	23.31	21.21	2.16	27.60	27.60	2.30	32.27	32.27	2.46	37.84	37.84	2.67	44.40	44.40	
	1000	9.86	9.07	13.01	11.96	1.84	1.63	19.81	17.60	2.02	23.64	21.51	2.12	27.99	27.99	2.25	32.76	32.76	2.40	38.46	38.46	2.57	44.64	44.64	
	1125	10.02	9.22	13.18	12.11	1.84	1.62	20.03	17.79	2.00	23.90	21.75	2.10	28.30	28.30	2.22	33.17	33.17	2.36	38.72	38.72	2.50	44.88	44.88	

Heating Indoor Model	Capacity		Power	Furnace Model	
	Total	Integ*		Total	Integ*
*FV4BN(B,F)003	1.00	1.00	1.00	58CV(A)X110-20	58MVB040-14
FE4AN(B,F)003	1.00	1.00	1.00	58CV(A)X110-20	58MVB060-14
FE4AN(B,F)005	1.01	0.95	1.03	58CV(A)X135-22	58MVB060-14
FE4ANF002	1.01	1.03	1.03	58CV(A)X135-22	58MVB060-14
FF1ENP030	1.02	1.13	1.03	58CV(A)X135-22	58MVB060-14
FF1ENP036	1.02	1.10	1.00	58CV(A)X135-22	58MVB060-14
FV4BN(B,F)005	1.01	0.95	1.03	58CV(A)X155-22	58MVB060-14
FV4BNF002	1.01	1.04	1.02	58CV(A)X155-22	58MVB060-14
FV4CN(B,F)036	1.01	1.03	1.03	58CV(A)X155-22	58MVB060-14
FV4CNF030	1.01	1.07	1.00	58CV(A)X155-22	58MVB080-14
FV4ANF030	1.02	1.10	1.03	58MEB040-12	58MVB080-14
FV4ANF036	1.03	1.11	1.03	58MEB040-12	58MVB080-14
CAP**3014A**	1.02	1.12	1.03	58MEB040-12	58MVB080-14
CAP**3617A**	1.02	1.12	1.03	58MEB040-12	58MVB080-14
CAP**3617A**	1.03	1.11	1.03	58MEB040-12	58MVB080-20
CAP**3621A**	1.03	1.11	1.03	58MEB040-12	58MVB080-20
CNPF**3616A**	1.03	1.11	1.03	58MEB040-12	58MVB080-20
CNPH**3617A**	1.02	1.11	1.03	58MEB060-12	58MVB080-20
CNPH**3617A**	1.03	1.11	1.03	58MEB060-12	58MVB080-20
CNPH**3617A**	1.02	1.11	1.03	58MEB060-12	58MVB100-20
CNPH**3617A**	1.03	1.11	1.03	58MEB060-12	58MVB100-20
CNPH**3621A**	1.03	1.11	1.03	58MEB060-12	58MVB100-20
CSPH**3612A**	1.02	1.10	1.03	58MEB060-12	58MVB100-20
CAP**3014A**	1.01	1.06	1.04	58CV(A)X070-12	58MVB120-20
CAP**3614A**	1.01	1.05	1.03	58CV(A)X070-12	58MVB120-20
CAP**3621A**	1.01	1.05	1.03	58CV(A)X070-12	58MVB120-20
CNPH**3617A**	1.01	1.05	1.03	58CV(A)X070-12	58MVB120-20
CNPH**3617A**	1.01	1.05	1.03	58CV(A)X070-12	58MVB120-20
CNPH**3617A**	1.01	1.07	1.03	58CV(A)X070-12	58MVB120-20
CSPH**3612A**	1.01	1.05	1.03	58CV(A)X070-12	58MVB120-20
CSPH**3612A**	1.01	1.02	1.03	58CV(A)X070-12	58MVB120-20
CAP**3017A**	1.00	1.03	1.03	58CV(A)X090-16	58PH*070-16
CAP**3617A**	1.00	1.02	1.03	58CV(A)X090-16	58PH*070-16
CNPH**3617A**	1.00	1.03	1.03	58CV(A)X090-16	58PH*070-16
CNPH**3617A**	1.00	1.03	1.03	58CV(A)X090-16	58PH*070-16
CNPH**3617A**	1.00	1.03	1.03	58CV(A)X090-16	58PH*090-16
CSPH**3612A**	1.01	1.00	1.03	58CV(A)X090-16	58PH*090-16
CAP**3621A**	1.00	1.02	1.03	58CV(A)X110-20	58PH*090-16
CNPH**3617A**	1.00	1.03	1.03	58CV(A)X110-20	58PH*090-16
CNPH**3617A**	1.00	1.03	1.03	58CV(A)X110-20	58PH*090-16
CNPH**3617A**	1.00	1.03	1.03	58CV(A)X110-20	58MVR105-12

See notes on pg. 40

# HEAT PUMP HEATING PERFORMANCE CONTINUED

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES ° F (° C)																							
		-3 (-19.4)			7 (-13.9)			17 (-8.3)			27 (-2.8)			37 (2.8)			47 (8.3)			57 (13.9)			67 (19.4)		
		Capacity MBtuh	Total Sys. KWT	Integ*	Capacity MBtuh	Total Sys. KWT	Integ*	Capacity MBtuh	Total Sys. KWT	Integ*	Capacity MBtuh	Total Sys. KWT	Integ*	Capacity MBtuh	Total Sys. KWT	Integ*	Capacity MBtuh	Total Sys. KWT	Integ*	Capacity MBtuh	Total Sys. KWT	Integ*	Capacity MBtuh	Total Sys. KWT	Integ*
65 (18.3)	1050	13.94	12.82	2.05	17.81	16.36	2.15	21.91	19.98	2.25	26.29	23.35	2.36	31.16	28.35	2.49	36.67	36.67	2.65	42.82	42.82	2.79	49.21	49.21	2.99
	1200	14.18	13.04	2.05	18.08	16.61	2.14	22.19	20.23	2.23	26.61	23.64	2.33	31.66	28.81	2.45	37.20	37.20	2.58	43.13	43.13	2.70	48.77	48.77	2.86
	1350	14.40	13.25	2.06	18.30	16.82	2.14	22.43	20.45	2.22	26.91	23.90	2.31	32.02	29.14	2.42	37.61	37.61	2.52	43.22	43.22	2.65	46.35	46.35	2.71
70 (21.1)	1050	13.32	12.26	2.14	17.26	15.86	2.25	21.40	19.51	2.36	25.78	22.89	2.48	30.57	27.82	2.61	36.03	36.03	2.78	42.10	42.10	2.94	48.50	48.50	3.14
	1200	13.56	12.48	2.14	17.54	16.11	2.25	21.68	19.76	2.34	26.13	23.21	2.45	31.01	28.21	2.57	36.57	36.57	2.72	42.56	42.56	2.84	48.64	48.64	3.02
	1350	13.80	12.70	2.15	17.75	16.31	2.24	21.93	19.99	2.33	26.40	23.45	2.43	31.36	28.54	2.54	36.98	36.98	2.66	42.74	42.74	2.78	47.16	47.16	2.89
75 (23.9)	1050	12.65	11.64	2.23	16.66	15.31	2.35	20.84	19.00	2.48	25.25	22.43	2.60	29.97	27.27	2.74	35.39	35.39	2.92	41.34	41.34	3.09	47.83	47.83	3.29
	1200	12.89	11.86	2.23	16.94	15.57	2.35	21.16	19.29	2.46	25.60	22.74	2.57	30.41	27.67	2.69	35.93	35.93	2.85	41.98	41.98	2.99	48.09	48.09	3.17
	1350	13.10	12.05	2.24	17.17	15.77	2.35	21.39	19.50	2.45	25.90	23.00	2.55	30.76	27.99	2.66	36.35	36.35	2.81	42.20	42.20	2.92	47.60	47.60	3.07

25HPA538H0030010 Outdoor Section With FV4BNF005 Indoor Section

HEATING INDOOR MODEL	CAPACITY		POWER	FURNACE MODEL		HEATING INDOOR MODEL	CAPACITY		POWER	FURNACE MODEL		HEATING INDOOR MODEL	CAPACITY		POWER	FURNACE MODEL		HEATING INDOOR MODEL	CAPACITY		POWER	FURNACE MODEL		
	Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*	Total
*FV4BN(B,F)005	1.00	1.00	1.00	58CV(A,X)110-20	0.99	1.04	CNPH*4221A**	0.99	1.04	58CV(A,X)110-20	0.99	1.04	CNPH*4221A**	0.99	1.04	58CV(A,X)110-20	0.99	1.04	CNPH*4221A**	0.99	1.04	58CV(A,X)110-20	0.99	1.04
FE4AN(B,F)003	0.99	1.06	1.06	58CV(A,X)110-20	0.99	1.09	CNPH*3621A**	0.99	1.09	58CV(A,X)110-20	0.99	1.09	CNPH*3621A**	0.99	1.09	58CV(A,X)110-20	0.99	1.09	CNPH*3621A**	0.99	1.09	58CV(A,X)110-20	0.99	1.09
FE4AN(B,F)005	1.00	1.00	1.00	58CV(A,X)110-20	0.99	1.04	CNPH*4221A**	0.99	1.04	58CV(A,X)110-20	0.99	1.04	CNPH*4221A**	0.99	1.04	58CV(A,X)110-20	0.99	1.04	CNPH*4221A**	0.99	1.04	58CV(A,X)110-20	0.99	1.04
FE4AN(B)006	1.00	0.96	0.96	58CV(A,X)110-20	1.00	1.03	CSPH*3612A**	1.00	1.03	58CV(A,X)110-20	1.00	1.03	CSPH*3612A**	1.00	1.03	58CV(A,X)110-20	1.00	1.03	CSPH*3612A**	1.00	1.03	58CV(A,X)110-20	1.00	1.03
FE4ANF002	0.99	1.09	1.09	58CV(A,X)110-20	1.00	1.04	CSPH*4212A**	1.00	1.04	58CV(A,X)110-20	1.00	1.04	CSPH*4212A**	1.00	1.04	58CV(A,X)110-20	1.00	1.04	CSPH*4212A**	1.00	1.04	58CV(A,X)110-20	1.00	1.04
FF1ENP036	1.00	1.14	1.14	58CV(A,X)135-22	0.99	1.04	CAP**4224A**	0.99	1.04	58CV(A,X)135-22	0.99	1.04	CAP**4224A**	0.99	1.04	58CV(A,X)135-22	0.99	1.04	CAP**4224A**	0.99	1.04	58CV(A,X)135-22	0.99	1.04
FV4BN(B,F)003	0.99	1.06	1.06	58CV(A,X)135-22	0.99	1.08	CNPH*3617A**	0.99	1.08	58CV(A,X)135-22	0.99	1.08	CNPH*3617A**	0.99	1.08	58CV(A,X)135-22	0.99	1.08	CNPH*3617A**	0.99	1.08	58CV(A,X)135-22	0.99	1.08
FV4BN(B)006	1.00	0.96	0.96	58CV(A,X)135-22	0.99	1.02	CNPH*4221A**	0.99	1.02	58CV(A,X)135-22	0.99	1.02	CNPH*4221A**	0.99	1.02	58CV(A,X)135-22	0.99	1.02	CNPH*4221A**	0.99	1.02	58CV(A,X)135-22	0.99	1.02
FV4BNF002	0.99	1.09	1.09	58CV(A,X)135-22	1.00	1.03	CSPH*3612A**	1.00	1.03	58CV(A,X)135-22	1.00	1.03	CSPH*3612A**	1.00	1.03	58CV(A,X)135-22	1.00	1.03	CSPH*3612A**	1.00	1.03	58CV(A,X)135-22	1.00	1.03
FX4CN(B,F)036	0.99	1.06	1.06	58CV(A,X)135-22	1.00	1.02	CSPH*4212A**	1.00	1.02	58CV(A,X)135-22	1.00	1.02	CSPH*4212A**	1.00	1.02	58CV(A,X)135-22	1.00	1.02	CSPH*4212A**	1.00	1.02	58CV(A,X)135-22	1.00	1.02
FX4CN(B,F)036	0.99	1.07	1.07	58CV(A,X)155-22	0.99	1.04	CAP**4224A**	0.99	1.04	58CV(A,X)155-22	0.99	1.04	CAP**4224A**	0.99	1.04	58CV(A,X)155-22	0.99	1.04	CAP**4224A**	0.99	1.04	58CV(A,X)155-22	0.99	1.04
FX4CN(B,F)042	1.00	1.04	1.04	58CV(A,X)155-22	0.99	1.08	CNPH*3617A**	0.99	1.08	58CV(A,X)155-22	0.99	1.08	CNPH*3617A**	0.99	1.08	58CV(A,X)155-22	0.99	1.08	CNPH*3617A**	0.99	1.08	58CV(A,X)155-22	0.99	1.08
FX4CN(B,F)042	1.00	1.05	1.05	58CV(A,X)155-22	0.99	1.02	CNPH*4221A**	0.99	1.02	58CV(A,X)155-22	0.99	1.02	CNPH*4221A**	0.99	1.02	58CV(A,X)155-22	0.99	1.02	CNPH*4221A**	0.99	1.02	58CV(A,X)155-22	0.99	1.02
FY4ANF036	1.00	1.13	1.13	58CV(A,X)155-22	1.00	1.03	CSPH*3612A**	1.00	1.03	58CV(A,X)155-22	1.00	1.03	CSPH*3612A**	1.00	1.03	58CV(A,X)155-22	1.00	1.03	CSPH*3612A**	1.00	1.03	58CV(A,X)155-22	1.00	1.03
FY4ANF042	1.00	1.10	1.10	58CV(A,X)155-22	1.00	1.02	CSPH*4212A**	1.00	1.02	58CV(A,X)155-22	1.00	1.02	CSPH*4212A**	1.00	1.02	58CV(A,X)155-22	1.00	1.02	CSPH*4212A**	1.00	1.02	58CV(A,X)155-22	1.00	1.02
CAP**3614A**	1.00	1.15	1.15	58MEB040-12	0.98	1.08	CAP**3617A**	0.98	1.08	58MEB040-12	0.98	1.08	CAP**3617A**	0.98	1.08	58MEB040-12	0.98	1.08	CAP**3617A**	0.98	1.08	58MEB040-12	0.98	1.08
CAP**3617A**	1.00	1.13	1.13	58MEB040-12	0.98	1.09	CNPH*3617A**	0.98	1.09	58MEB040-12	0.98	1.09	CNPH*3617A**	0.98	1.09	58MEB040-12	0.98	1.09	CNPH*3617A**	0.98	1.09	58MEB040-12	0.98	1.09
CAP**4221A**	1.00	1.11	1.11	58MEB040-12	0.98	1.07	CAP**4221A**	0.98	1.07	58MEB040-12	0.98	1.07	CAP**4221A**	0.98	1.07	58MEB040-12	0.98	1.07	CAP**4221A**	0.98	1.07	58MEB040-12	0.98	1.07
CAP**4224A**	1.00	1.11	1.11	58MEB040-12	0.99	1.06	CNPH*4217A**	0.99	1.06	58MEB040-12	0.99	1.06	CNPH*4217A**	0.99	1.06	58MEB040-12	0.99	1.06	CNPH*4217A**	0.99	1.06	58MEB040-12	0.99	1.06
CNPH*3616A**	1.00	1.13	1.13	58MEB040-12	0.99	1.05	CSPH*3612A**	0.99	1.05	58MEB040-12	0.99	1.05	CSPH*3612A**	0.99	1.05	58MEB040-12	0.99	1.05	CSPH*3612A**	0.99	1.05	58MEB040-12	0.99	1.05
CNPH*3617A**	1.00	1.13	1.13	58MEB040-12	0.99	1.04	CSPH*4212A**	0.99	1.04	58MEB040-12	0.99	1.04	CSPH*4212A**	0.99	1.04	58MEB040-12	0.99	1.04	CSPH*4212A**	0.99	1.04	58MEB040-12	0.99	1.04
CNPH*4221A**	1.00	1.10	1.10	58MEB040-12	0.98	1.08	CAP**3617A**	0.98	1.08	58MEB040-12	0.98	1.08	CAP**3617A**	0.98	1.08	58MEB040-12	0.98	1.08	CAP**3617A**	0.98	1.08	58MEB040-12	0.98	1.08
CNPH*3617A**	1.00	1.13	1.13	58MEB040-12	0.98	1.09	CNPH*3617A**	0.98	1.09	58MEB040-12	0.98	1.09	CNPH*3617A**	0.98	1.09	58MEB040-12	0.98	1.09	CNPH*3617A**	0.98	1.09	58MEB040-12	0.98	1.09
CNPH*3621A**	1.00	1.13	1.13	58MEB040-12	0.98	1.07	CNPH*4221A**	0.98	1.07	58MEB040-12	0.98	1.07	CNPH*4221A**	0.98	1.07	58MEB040-12	0.98	1.07	CNPH*4221A**	0.98	1.07	58MEB040-12	0.98	1.07
CNPH*4217A**	1.00	1.09	1.09	58MEB040-12	0.98	1.07	CNPH*4221A**	0.98	1.07	58MEB040-12	0.98	1.07	CNPH*4221A**	0.98	1.07	58MEB040-12	0.98	1.07	CNPH*4221A**	0.98	1.07	58MEB040-12	0.98	1.07
CNPH*4221A**	1.00	1.10	1.10	58MEB040-12	0.98	1.06	CNPH*4221A**	0.98	1.06	58MEB040-12	0.98	1.06	CNPH*4221A**	0.98	1.06	58MEB040-12	0.98	1.06	CNPH*4221A**	0.98	1.06	58MEB040-12	0.98	1.06
CSPH*3612A**	1.00	1.09	1.09	58MEB040-12	0.99	1.06	CSPH*3612A**	0.99	1.06	58MEB040-12	0.99	1.06	CSPH*3612A**	0.99	1.06	58MEB040-12	0.99	1.06	CSPH*3612A**	0.99	1.06	58MEB040-12	0.99	1.06
CAP**3614A**	1.00	1.07	1.07	58MEB040-12	0.99	1.04	CAP**3621A**	0.99	1.04	58MEB040-12	0.99	1.04	CAP**3621A**	0.99	1.04	58MEB040-12	0.99	1.04	CAP**3621A**	0.99	1.04	58MEB040-12	0.99	1.04
CAP**4221A**	1.00	1.12	1.12	58MEB040-12	0.99	1.04	CAP**4221A**	0.99	1.04	58MEB040-12	0.99	1.04	CAP**4221A**	0.99	1.04	58MEB040-12	0.99	1.04	CAP**4221A**	0.99	1.04	58MEB040-12	0.99	1.04
CNPH*3617A**	1.00	1.12	1.12	58MEB040-12	0.98	1.08	CNPH*3617A**																	

HEAT PUMP HEATING PERFORMANCE CONTINUED

25HPA536H0030010 Outdoor Section With FV4BNF005 Indoor Section

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CNPH*3617A**	0.99	1.10	58MVB120-20
CNPH*4221A**	0.99	1.04	58MVB120-20
CSPH*3612A**	1.00	1.05	58MVB120-20
CSPH*4212A**	1.00	1.04	58MVB120-20
CAP**3614A**	0.99	1.14	58PH*045-08
CNPH*3617A**	0.99	1.14	58PH*045-08
CNPH*4221A**	0.99	1.11	58PH*045-08
CSPH*3612A**	1.00	1.10	58PH*045-08
CSPH*4212A**	1.00	1.08	58PH*045-08
CAP**3617A**	0.98	1.11	58PH*070-16
CNPH*3617A**	0.98	1.12	58PH*070-16
CNPH*4221A**	0.99	1.10	58PH*070-16
CNPV*3617A**	0.98	1.12	58PH*070-16
CNPV*4217A**	0.99	1.09	58PH*070-16
CSPH*3612A**	0.99	1.08	58PH*070-16
CSPH*4212A**	0.99	1.07	58PH*070-16
CAP**3621A**	0.98	1.07	58PH*090-16
CAP**4221A**	0.98	1.06	58PH*090-16
CNPH*3617A**	0.97	1.09	58PH*090-16
CNPH*4221A**	0.98	1.07	58PH*090-16
CNPV*3621A**	0.98	1.09	58PH*090-16
CNPV*4221A**	0.98	1.07	58PH*090-16
CSPH*3612A**	0.99	1.05	58PH*090-16
CSPH*4212A**	0.99	1.04	58PH*090-16
CAP**3621A**	0.98	1.06	58PH*110-20
CAP**4221A**	0.98	1.05	58PH*110-20
CNPH*3617A**	0.98	1.06	58PH*110-20
CNPH*4221A**	0.98	1.06	58PH*110-20
CNPV*3621A**	0.98	1.08	58PH*110-20
CNPV*4221A**	0.98	1.06	58PH*110-20
CSPH*3612A**	0.99	1.04	58PH*110-20
CSPH*4212A**	0.99	1.03	58PH*110-20

See notes on pg. 40

# HEAT PUMP HEATING PERFORMANCE CONTINUED

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES ° F (° C)																							
		-3 (-19.4)			7 (-13.9)			17 (-8.3)			27 (-2.8)			37 (2.8)			47 (8.3)			57 (13.9)			67 (19.4)		
		Capacity MBtuh		Total Sys. KWt	Capacity MBtuh		Total Sys. KWt	Capacity MBtuh		Total Sys. KWt	Capacity MBtuh		Total Sys. KWt	Capacity MBtuh		Total Sys. KWt	Capacity MBtuh		Total Sys. KWt	Capacity MBtuh		Total Sys. KWt	Capacity MBtuh		Total Sys. KWt
EDB °F (°C)	CFM	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*		
		65 (18.3)	1225	17.73	16.31	2.83	21.95	20.17	2.74	26.47	24.14	2.84	31.27	27.78	2.92	36.60	33.30	3.05	42.77	42.77	3.15	49.09	49.09	3.26	55.68
1400	16.00		16.56	2.64	22.25	20.45	2.74	26.80	24.44	2.83	31.64	28.10	2.92	37.34	33.98	3.02	43.23	43.23	3.08	49.29	49.29	3.17	52.88	52.88	3.22
1575	18.23		16.77	2.66	22.51	20.68	2.75	27.08	24.69	2.83	31.96	28.36	2.90	37.58	34.20	2.99	43.42	43.42	3.04	48.80	48.80	3.11	50.41	50.41	3.11
70 (21.1)	1225	17.13	15.76	2.71	21.39	19.66	2.83	25.94	23.65	2.95	30.76	27.32	3.07	35.98	32.74	3.19	42.10	42.10	3.31	48.47	48.47	3.43	54.71	54.71	3.57
	1400	17.41	16.02	2.72	21.70	19.94	2.84	26.27	23.96	2.94	31.14	27.65	3.04	36.46	33.18	3.14	42.68	42.68	3.23	48.77	48.77	3.33	53.37	53.37	3.41
	1575	17.65	16.23	2.74	21.96	20.18	2.85	26.57	24.23	2.94	31.45	27.93	3.03	36.89	33.57	3.12	42.92	42.92	3.18	48.83	48.83	3.27	50.99	50.99	3.29
75 (23.9)	1225	16.50	15.18	2.79	20.80	19.12	2.93	25.38	23.14	3.06	30.22	26.84	3.19	35.36	32.16	3.32	41.39	41.39	3.47	47.83	47.83	3.59	54.14	54.14	3.75
	1400	16.77	15.43	2.81	21.11	19.40	2.93	25.73	23.46	3.05	30.61	27.18	3.16	35.84	32.61	3.28	42.00	42.00	3.38	48.19	48.19	3.50	53.55	53.55	3.60
	1575	17.02	15.65	2.83	21.38	19.65	2.94	26.02	23.73	3.05	30.93	27.47	3.15	36.24	32.98	3.25	42.39	42.39	3.34	48.33	48.33	3.43	51.83	51.83	3.49

25HPA542H0030010 Outdoor Section With FV4BNF005 Indoor Section

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	HEATING INDOOR MODEL			CAPACITY	POWER	FURNACE MODEL	HEATING INDOOR MODEL			CAPACITY	POWER	FURNACE MODEL	HEATING INDOOR MODEL			CAPACITY	POWER	FURNACE MODEL	HEATING INDOOR MODEL			CAPACITY	POWER	FURNACE MODEL	
				Total	Integ*	Total Sys. KWt				Total	Integ*	Total Sys. KWt				Total	Integ*	Total Sys. KWt				Total	Integ*	Total Sys. KWt				Total
*FV4BN(B,F)005	1.00	1.00	58CV(A,X)135-22	CSPH*4821A**	1.00	1.02	58CV(A,X)135-22	1.00	1.02	58CV(A,X)135-22	CSPH*4821A**	1.00	1.02	58CV(A,X)135-22	1.00	1.02	58CV(A,X)135-22	CSPH*4821A**	1.00	1.02	58CV(A,X)135-22	CSPH*4821A**	1.00	1.02	58CV(A,X)135-22	1.00	1.02	58CV(A,X)135-22
FE4AN(B,F)003	0.96	1.06	58CV(A,X)155-22	CAP**4224A**	0.98	1.03	58CV(A,X)155-22	0.98	1.03	58CV(A,X)155-22	CAP**4224A**	0.98	1.03	58CV(A,X)155-22	0.98	1.03	58CV(A,X)155-22	CAP**4224A**	0.98	1.03	58CV(A,X)155-22	CAP**4224A**	0.98	1.03	58CV(A,X)155-22	0.98	1.03	58CV(A,X)155-22
FE4AN(B,F)005	1.00	1.00	58CV(A,X)155-22	CAP**4824A**	1.00	1.02	58CV(A,X)155-22	1.00	1.02	58CV(A,X)155-22	CAP**4824A**	1.00	1.02	58CV(A,X)155-22	1.00	1.02	58CV(A,X)155-22	CAP**4824A**	1.00	1.02	58CV(A,X)155-22	CAP**4824A**	1.00	1.02	58CV(A,X)155-22	1.00	1.02	58CV(A,X)155-22
FE4AN(B)006	0.96	0.96	58CV(A,X)155-22	CNPV*4821A**	0.98	1.02	58CV(A,X)155-22	0.98	1.02	58CV(A,X)155-22	CNPV*4821A**	0.98	1.02	58CV(A,X)155-22	0.98	1.02	58CV(A,X)155-22	CNPV*4821A**	0.98	1.02	58CV(A,X)155-22	CNPV*4821A**	0.98	1.02	58CV(A,X)155-22	0.98	1.02	58CV(A,X)155-22
FV4BN(B,F)003	0.99	1.06	58CV(A,X)155-22	CNPV*4821A**	0.99	1.01	58CV(A,X)155-22	0.99	1.01	58CV(A,X)155-22	CNPV*4821A**	0.99	1.01	58CV(A,X)155-22	0.99	1.01	58CV(A,X)155-22	CNPV*4821A**	0.99	1.01	58CV(A,X)155-22	CNPV*4821A**	0.99	1.01	58CV(A,X)155-22	0.99	1.01	58CV(A,X)155-22
FV4BN(B)006	0.99	0.96	58CV(A,X)155-22	CNPV*4824A**	0.99	1.01	58CV(A,X)155-22	0.99	1.01	58CV(A,X)155-22	CNPV*4824A**	0.99	1.01	58CV(A,X)155-22	0.99	1.01	58CV(A,X)155-22	CNPV*4824A**	0.99	1.01	58CV(A,X)155-22	CNPV*4824A**	0.99	1.01	58CV(A,X)155-22	0.99	1.01	58CV(A,X)155-22
FV4CN(B,F)042	1.00	1.02	58CV(A,X)155-22	CSPH*4212A**	1.00	1.03	58CV(A,X)155-22	1.00	1.03	58CV(A,X)155-22	CSPH*4212A**	1.00	1.03	58CV(A,X)155-22	1.00	1.03	58CV(A,X)155-22	CSPH*4212A**	1.00	1.03	58CV(A,X)155-22	CSPH*4212A**	1.00	1.03	58CV(A,X)155-22	1.00	1.03	58CV(A,X)155-22
FV4CN(B,F)048	1.00	1.06	58CV(A,X)155-22	CSPH*4812A**	1.00	1.02	58CV(A,X)155-22	1.00	1.02	58CV(A,X)155-22	CSPH*4812A**	1.00	1.02	58CV(A,X)155-22	1.00	1.02	58CV(A,X)155-22	CSPH*4812A**	1.00	1.02	58CV(A,X)155-22	CSPH*4812A**	1.00	1.02	58CV(A,X)155-22	1.00	1.02	58CV(A,X)155-22
FV4ANF042	1.00	1.10	58MEB040-12	CAP**4817A**	0.99	1.03	58MEB040-12	0.99	1.03	58MEB040-12	CAP**4817A**	0.99	1.03	58MEB040-12	0.99	1.03	58MEB040-12	CAP**4817A**	0.99	1.03	58MEB040-12	CAP**4817A**	0.99	1.03	58MEB040-12	0.99	1.03	58MEB040-12
FV4ANF048	1.00	1.06	58MEB040-12	CNPV*4221A**	0.98	1.07	58MEB040-12	0.98	1.07	58MEB040-12	CNPV*4221A**	0.98	1.07	58MEB040-12	0.98	1.07	58MEB040-12	CNPV*4221A**	0.98	1.07	58MEB040-12	CNPV*4221A**	0.98	1.07	58MEB040-12	0.98	1.07	58MEB040-12
CAP**4221A**	1.00	1.11	58MEB040-12	CNPV*4217A**	0.99	1.07	58MEB040-12	0.99	1.07	58MEB040-12	CNPV*4217A**	0.99	1.07	58MEB040-12	0.99	1.07	58MEB040-12	CNPV*4217A**	0.99	1.07	58MEB040-12	CNPV*4217A**	0.99	1.07	58MEB040-12	0.99	1.07	58MEB040-12
CAP**4817A**	1.00	1.04	58MEB040-12	CSPH*4212A**	0.99	1.04	58MEB040-12	0.99	1.04	58MEB040-12	CSPH*4212A**	0.99	1.04	58MEB040-12	0.99	1.04	58MEB040-12	CSPH*4212A**	0.99	1.04	58MEB040-12	CSPH*4212A**	0.99	1.04	58MEB040-12	0.99	1.04	58MEB040-12
CAP**4821A**	1.00	1.06	58MEB040-12	CSPH*4812A**	0.99	1.03	58MEB040-12	0.99	1.03	58MEB040-12	CSPH*4812A**	0.99	1.03	58MEB040-12	0.99	1.03	58MEB040-12	CSPH*4812A**	0.99	1.03	58MEB040-12	CSPH*4812A**	0.99	1.03	58MEB040-12	0.99	1.03	58MEB040-12
CAP**4824A**	1.00	1.06	58MEB040-12	CAP**4817A**	0.99	1.03	58MEB040-12	0.99	1.03	58MEB040-12	CAP**4817A**	0.99	1.03	58MEB040-12	0.99	1.03	58MEB040-12	CAP**4817A**	0.99	1.03	58MEB040-12	CAP**4817A**	0.99	1.03	58MEB040-12	0.99	1.03	58MEB040-12
CNPV*4221A**	1.00	1.10	58MEB040-12	CNPV*4821A**	0.98	1.07	58MEB040-12	0.98	1.07	58MEB040-12	CNPV*4821A**	0.98	1.07	58MEB040-12	0.98	1.07	58MEB040-12	CNPV*4821A**	0.98	1.07	58MEB040-12	CNPV*4821A**	0.98	1.07	58MEB040-12	0.98	1.07	58MEB040-12
CNPV*4217A**	1.00	1.07	58MEB040-12	CNPV*4217A**	0.99	1.04	58MEB040-12	0.99	1.04	58MEB040-12	CNPV*4217A**	0.99	1.04	58MEB040-12	0.99	1.04	58MEB040-12	CNPV*4217A**	0.99	1.04	58MEB040-12	CNPV*4217A**	0.99	1.04	58MEB040-12	0.99	1.04	58MEB040-12
CNPV*4818A**	1.00	1.08	58MEB040-12	CNPV*4212A**	0.99	1.07	58MEB040-12	0.99	1.07	58MEB040-12	CNPV*4212A**	0.99	1.07	58MEB040-12	0.99	1.07	58MEB040-12	CNPV*4212A**	0.99	1.07	58MEB040-12	CNPV*4212A**	0.99	1.07	58MEB040-12	0.99	1.07	58MEB040-12
CNPV*4821A**	1.00	1.10	58MEB040-12	CSPH*4812A**	0.99	1.04	58MEB040-12	0.99	1.04	58MEB040-12	CSPH*4812A**	0.99	1.04	58MEB040-12	0.99	1.04	58MEB040-12	CSPH*4812A**	0.99	1.04	58MEB040-12	CSPH*4812A**	0.99	1.04	58MEB040-12	0.99	1.04	58MEB040-12
CNPV*4821A**	1.00	1.07	58MEB040-12	CAP**4817A**	0.99	1.03	58MEB040-12	0.99	1.03	58MEB040-12	CAP**4817A**	0.99	1.03	58MEB040-12	0.99	1.03	58MEB040-12	CAP**4817A**	0.99	1.03	58MEB040-12	CAP**4817A**	0.99	1.03	58MEB040-12	0.99	1.03	58MEB040-12
CNPV*4824A**	1.00	1.07	58MEB040-12	CNPV*4821A**	0.98	1.07	58MEB040-12	0.98	1.07	58MEB040-12	CNPV*4821A**	0.98	1.07	58MEB040-12	0.98	1.07	58MEB040-12	CNPV*4821A**	0.98	1.07	58MEB040-12	CNPV*4821A**	0.98	1.07	58MEB040-12	0.98	1.07	58MEB040-12
CSPH*4212A**	1.00	1.07	58MEB040-12	CNPV*4821A**	0.99	1.04	58MEB040-12	0.99	1.04	58MEB040-12	CNPV*4821A**	0.99	1.04	58MEB040-12	0.99	1.04	58MEB040-12	CNPV*4821A**	0.99	1.04	58MEB040-12	CNPV*4821A**	0.99	1.04	58MEB040-12	0.99	1.04	58MEB040-12
CSPH*4812A**	1.00	1.06	58CV(A,X)090-16	CNPV*4217A**	0.98	1.04	58CV(A,X)090-16	0.98	1.04	58CV(A,X)090-16	CNPV*4217A**	0.98	1.04	58CV(A,X)090-16	0.98	1.04	58CV(A,X)090-16	CNPV*4217A**	0.98	1.04	58CV(A,X)090-16	CNPV*4217A**	0.98	1.04	58CV(A,X)090-16	0.98	1.04	58CV(A,X)090-16
CAP**4817A**	1.00	1.02	58CV(A,X)090-16	CNPV*4212A**	0.99	1.04	58CV(A,X)090-16	0.99	1.04	58CV(A,X)090-16	CNPV*4212A**	0.99	1.04	58CV(A,X)090-16	0.99	1.04	58CV(A,X)090-16	CNPV*4212A**	0.99	1.04	58CV(A,X)090-16	CNPV*4212A**	0.99	1.04	58CV(A,X)090-16	0.99	1.04	58CV(A,X)090-16
CNPV*4221A**	0.99	1.06	58CV(A,X)090-16	CSPH*4																								

# HEAT PUMP HEATING PERFORMANCE CONTINUED

25HPA542H0030010 Outdoor Section With FV4BNF005 Indoor Section

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CAP**4821A**	0.98	1.03	58PH*110-20
CNPH*4221A**	0.96	1.06	58PH*110-20
CNPH*4821A**	0.98	1.02	58PH*110-20
CNPV**4221A**	0.96	1.06	58PH*110-20
CNPV**4821A**	0.98	1.02	58PH*110-20
CSPH*4212A**	0.98	1.03	58PH*110-20
CSPH*4812A**	0.98	1.02	58PH*110-20
CAP**4224A**	0.98	1.06	58PH*135-20
CAP**4824A**	0.98	1.03	58PH*135-20
CNPH*4221A**	0.96	1.06	58PH*135-20
CNPH*4821A**	0.98	1.02	58PH*135-20
CNPV**4224A**	0.98	1.02	58PH*135-20
CSPH*4212A**	0.98	1.03	58PH*135-20
CSPH*4812A**	0.98	1.03	58PH*135-20

See notes on pg. 40



# HEAT PUMP HEATING PERFORMANCE CONTINUED

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES ° F (° C)												HEATING INDOOR MODEL		FURNACE MODEL		POWER		CAPACITY		HEATING INDOOR MODEL		FURNACE MODEL		POWER		CAPACITY		HEATING INDOOR MODEL		FURNACE MODEL		POWER		CAPACITY		HEATING INDOOR MODEL		FURNACE MODEL		POWER		CAPACITY																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
		-3 (-19.4)		7 (-13.9)		17 (-8.3)		27 (-2.8)		37 (2.8)		47 (8.3)																																		57 (13.9)		67 (19.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
EDB ° F (° C)	CFM	Capacity MBtuh		Total Sys. KW†	Capacity MBtuh		Total Sys. KW†	Capacity MBtuh		Total Sys. KW†	Capacity MBtuh		Total Sys. KW†	Capacity MBtuh		Total Sys. KW†	Capacity MBtuh		Total Sys. KW†	Capacity MBtuh		Total Sys. KW†	Capacity MBtuh		Total Sys. KW†	Capacity MBtuh		Total Sys. KW†	Capacity MBtuh		Total Sys. KW†	Capacity MBtuh		Total Sys. KW†																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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65 (18.3)	1750	25.18	23.17	3.64	31.05	28.53	3.80	37.95	34.05	3.99	44.17	39.23	4.18	52.06	47.37	4.43	60.74	60.74	4.64	69.63	69.63	4.81	79.20	79.20	4.94	89.63	89.63	5.18	99.63	99.63	5.53	109.63	109.63	5.92	119.63	119.63	6.30	129.63	129.63	6.68	139.63	139.63	7.06	149.63	149.63	7.44	159.63	159.63	7.82	169.63	169.63	8.20	179.63	179.63	8.58	189.63	189.63	8.96	199.63	199.63	9.34	209.63	209.63	9.72	219.63	219.63	10.10	229.63	229.63	10.48	239.63	239.63	10.86	249.63	249.63	11.24	259.63	259.63	11.62	269.63	269.63	12.00	279.63	279.63	12.38	289.63	289.63	12.76	299.63	299.63	13.14	309.63	309.63	13.52	319.63	319.63	13.90	329.63	329.63	14.28	339.63	339.63	14.66	349.63	349.63	15.04	359.63	359.63	15.42	369.63	369.63	15.80	379.63	379.63	16.18	389.63	389.63	16.56	399.63	399.63	16.94	409.63	409.63	17.32	419.63	419.63	17.70	429.63	429.63	18.08	439.63	439.63	18.46	449.63	449.63	18.84	459.63	459.63	19.22	469.63	469.63	19.60	479.63	479.63	19.98	489.63	489.63	20.36	499.63	499.63	20.74	509.63	509.63	21.12	519.63	519.63	21.50	529.63	529.63	21.88	539.63	539.63	22.26	549.63	549.63	22.64	559.63	559.63	23.02	569.63	569.63	23.40	579.63	579.63	23.78	589.63	589.63	24.16	599.63	599.63	24.54	609.63	609.63	24.92	619.63	619.63	25.30	629.63	629.63	25.68	639.63	639.63	26.06	649.63	649.63	26.44	659.63	659.63	26.82	669.63	669.63	27.20	679.63	679.63	27.58	689.63	689.63	27.96	699.63	699.63	28.34	709.63	709.63	28.72	719.63	719.63	29.10	729.63	729.63	29.48	739.63	739.63	29.86	749.63	749.63	30.24	759.63	759.63	30.62	769.63	769.63	31.00	779.63	779.63	31.38	789.63	789.63	31.76	799.63	799.63	32.14	809.63	809.63	32.52	819.63	819.63	32.90	829.63	829.63	33.28	839.63	839.63	33.66	849.63	849.63	34.04	859.63	859.63	34.42	869.63	869.63	34.80	879.63	879.63	35.18	889.63	889.63	35.56	899.63	899.63	35.94	909.63	909.63	36.32	919.63	919.63	36.70	929.63	929.63	37.08	939.63	939.63	37.46	949.63	949.63	37.84	959.63	959.63	38.22	969.63	969.63	38.60	979.63	979.63	38.98	989.63	989.63	39.36	999.63	999.63	39.74	1009.63	1009.63	40.12	1019.63	1019.63	40.50	1029.63	1029.63	40.88	1039.63	1039.63	41.26	1049.63	1049.63	41.64	1059.63	1059.63	42.02	1069.63	1069.63	42.40	1079.63	1079.63	42.78	1089.63	1089.63	43.16	1099.63	1099.63	43.54	1109.63	1109.63	43.92	1119.63	1119.63	44.30	1129.63	1129.63	44.68	1139.63	1139.63	45.06	1149.63	1149.63	45.44	1159.63	1159.63	45.82	1169.63	1169.63	46.20	1179.63	1179.63	46.58	1189.63	1189.63	46.96	1199.63	1199.63	47.34	1209.63	1209.63	47.72	1219.63	1219.63	48.10	1229.63	1229.63	48.48	1239.63	1239.63	48.86	1249.63	1249.63	49.24	1259.63	1259.63	49.62	1269.63	1269.63	50.00	1279.63	1279.63	50.38	1289.63	1289.63	50.76	1299.63	1299.63	51.14	1309.63	1309.63	51.52	1319.63	1319.63	51.90	1329.63	1329.63	52.28	1339.63	1339.63	52.66	1349.63	1349.63	53.04	1359.63	1359.63	53.42	1369.63	1369.63	53.80	1379.63	1379.63	54.18	1389.63	1389.63	54.56	1399.63	1399.63	54.94	1409.63	1409.63	55.32	1419.63	1419.63	55.70	1429.63	1429.63	56.08	1439.63	1439.63	56.46	1449.63	1449.63	56.84	1459.63	1459.63	57.22	1469.63	1469.63	57.60	1479.63	1479.63	57.98	1489.63	1489.63	58.36	1499.63	1499.63	58.74	1509.63	1509.63	59.12	1519.63	1519.63	59.50	1529.63	1529.63	59.88	1539.63	1539.63	60.26	1549.63	1549.63	60.64	1559.63	1559.63	61.02	1569.63	1569.63	61.40	1579.63	1579.63	61.78	1589.63	1589.63	62.16	1599.63	1599.63	62.54	1609.63	1609.63	62.92	1619.63	1619.63	63.30	1629.63	1629.63	63.68	1639.63	1639.63	64.06	1649.63	1649.63	64.44	1659.63	1659.63	64.82	1669.63	1669.63	65.20	1679.63	1679.63	65.58	1689.63	1689.63	65.96	1699.63	1699.63	66.34	1709.63	1709.63	66.72	1719.63	1719.63	67.10	1729.63	1729.63	67.48	1739.63	1739.63	67.86	1749.63	1749.63	68.24	1759.63	1759.63	68.62	1769.63	1769.63	69.00	1779.63	1779.63	69.38	1789.63	1789.63	69.76	1799.63	1799.63	70.14	1809.63	1809.63	70.52	1819.63	1819.63	70.90	1829.63	1829.63	71.28	1839.63	1839.63	71.66	1849.63	1849.63	72.04	1859.63	1859.63	72.42	1869.63	1869.63	72.80	1879.63	1879.63	73.18	1889.63	1889.63	73.56	1899.63	1899.63	73.94	1909.63	1909.63	74.32	1919.63	1919.63	74.70	1929.63	1929.63	75.08	1939.63	1939.63	75.46	1949.63	1949.63	75.84	1959.63	1959.63	76.22	1969.63	1969.63	76.60	1979.63	1979.63	76.98	1989.63	1989.63	77.36	1999.63	1999.63	77.74	2009.63	2009.63	78.12	2019.63	2019.63	78.50	2029.63	2029.63	78.88	2039.63	2039.63	79.26	2049.63	2049.63	79.64	2059.63	2059.63	80.02	2069.63	2069.63	80.40	2079.63	2079.63	80.78	2089.63	2089.63	81.16	2099.63	2099.63	81.54	2109.63	2109.63	81.92	2119.63	2119.63	82.30	2129.63	2129.63	82.68	2139.63	2139.63	83.06	2149.63	2149.63	83.44	2159.63	2159.63	83.82	2169.63	2169.63	84.20	2179.63	2179.63	84.58	2189.63	2189.63	84.96	2199.63	2199.63	85.34	2209.63	2209.63	85.72	2219.63	2219.63	86.10	2229.63	2229.63	86.48	2239.63	2239.63	86.86	2249.63	2249.63	87.24	2259.63	2259.63	87.62	2269.63	2269.63	88.00	2279.63	2279.63	88.38	2289.63	2289.63	88.76	2299.63	2299.63	89.14	2309.63	2309.63	89.52	2319.63	2319.63	89.90	2329.63	2329.63	90.28	2339.63	2339.63	90.66	2349.63	2349.63	91.04	2359.63	2359.63	91.42	2369.63	2369.63	91.80	2379.63	2379.63	92.18	2389.63	2389.63	92.56	2399.63	2399.63	92.94	2409.63	2409.63	93.32	2419.63	2419.63	93.70	2429.63	2429.63	94.08	2439.63	2439.63	94.46	2449.63	2449.63	94.84	2459.63	2459.63	95.22	2469.63	2469.63	95.60	2479.63	2479.63	95.98	2489.63	2489.63	96.36	2499.63	2499.63	96.74	2509.63	2509.63	97.12	2519.63	2519.63	97.50	2529.63	2529.63	97.88	2539.63	2539.63	98.26	2549.63	2549.63	98.64	2559.63	2559.63	99.02	2569.63	2569.63	99.40	2579.63	2579.63	99.78	2589.63	2589.63	100.16	2599.63	2599.63	100.54	2609.63	2609.63	100.92	2619.63	2619.63	101.30	2629.63	2629.63	101.68	2639.63	2639.63	102.06	2649.63	2649.63	102.44	2659.63	2659.63	102.82	2669.63	2669.63	103.20	2679.63	2679.63	103.58	2689.63	2689.63	103.96	2699.63	2699.63	104.34	2709.63	2709.63	104.72	2719.63	2719.63	105.10	2729.63	2729.63	105.48	2739.63	2739.63	105.86	2749.63	2749.63	106.24	2759.63	2759.63	106.62	2769.63	2769.63	107.00	2779.63	2779.63	107.38	2789.63	2789.63	107.76	2799.63	2799.63	108.14	2809.63	2809.63	108.52	2819.63	2819.63	108.90	2829.63	2829.63	109.28	2839.63	2839.63	109.66	2849.63	2849.63	110.04	2859.63	2859.63	110.42	2869.63	2869.63	110.80	2879.63	2879.63	111.18	2889.63	2889.63	111.56	2899.63	2899.63	111.94	2909.63	2909.63	112.32	2919.63	2919.63	112.70	2929.63	2929.63	113.08	2939.63	2939.63	113.46	2949.63	2949.63	113.84	2959.63	2959.63	114.22	2969.63	2969.63	114.60	2979.63	2979.63	114.98	2989.63	2989.63	115.36	2999.63	2999.63	115.74	3009.63	3009.63	116.12	3019.63	3019.63	116.50	3029.63	3029.63	116.88	3039.63	3039.63	117.26	3049.63	3049.63	117.64	3059.63	3059.63	118.02	3069.63	3069.63	118.40	3079.63	3079.63	118.78	3089.63

# GUIDE SPECIFICATIONS

## GENERAL

### System Description

Outdoor-mounted, air-cooled, split-system heat pump unit suitable for ground or rooftop installation. Unit consists of a hermetic compressor, an air-cooled coil, propeller-type condenser fan, and a control box. Unit will discharge supply air upward as shown on contract drawings. Unit will be used in a refrigeration circuit to match up to a packaged fan coil or coil unit.

### Quality Assurance

- Unit will be rated in accordance with the latest edition of ARI Standard 240.
- Unit will be certified for capacity and efficiency, and listed in the latest ARI directory.
- Unit construction will comply with latest edition of ANSI/ASHRAE and with NEC.
- Unit will be constructed in accordance with UL standards and will carry the UL label of approval. Unit will have C-UL approval.
- Unit cabinet will be capable of withstanding Federal Test Method Standard No. 141 (Method 6061) 500-hr salt spray test.
- Air-cooled condenser coils are pressure tested and the outdoor units are leak tested.
- Unit constructed in ISO9001 approved facility.

### Delivery, Storage, and Handling

- Unit will be shipped as single package only and is stored and handled per unit manufacturer's recommendations.

### Warranty (for inclusion by specifying engineer)

- U.S. and Canada only.

## PRODUCTS

### Equipment

- Factory-assembled, single-piece, air-cooled heat pump unit. Contained within the unit enclosure is all factory wiring, piping, controls, compressor, refrigerant charge Puron® (R-410A), and special features required prior to field start-up.

### Unit Cabinet

- Unit cabinet will be constructed of galvanized steel, bonderized, and coated with a powder coat paint.

### Fans

- Condenser fan will be direct-drive propeller type, discharging air upward.

## AIR-COOLED, SPLIT-SYSTEM HEAT PUMP

25HPA5H

2 TO 5 NOMINAL TONS

- Condenser fan motors will be totally enclosed, 1-phase type with class B insulation and permanently lubricated bearings.
- Shafts will be corrosion resistant.
- Fan blades will be statically and dynamically balanced.
- Condenser fan openings will be equipped with steel wire safety guards.

### Compressor

- Compressor will be hermetically sealed.
- Compressor will be mounted on rubber vibration isolators.

### Condenser Coil

- Condenser coil will be air cooled.
- Coil will be constructed of aluminum fins mechanically bonded to copper tubes which are then cleaned, dehydrated, and sealed.

### Refrigeration Components

- Refrigeration circuit components will include liquid-line shutoff valve with sweat connections, vapor-line shutoff valve with sweat connections, system charge of Puron® (R-410A) refrigerant, POE compressor oil, accumulator, and reversing valve.

### Operating Characteristics

- The capacity of the unit will meet or exceed \_\_\_\_\_ Btuh at a suction temperature of \_\_\_\_\_ °F/°C. The power consumption at full load will not exceed \_\_\_\_\_ kW.
- Combination of the unit and the evaporator or fan coil unit will have a total net cooling capacity of \_\_\_\_\_ Btuh or greater at conditions of \_\_\_\_\_ CFM entering air temperature at the evaporator at \_\_\_\_\_ °F/°C wet bulb and \_\_\_\_\_ °F/°C dry bulb, and air entering the unit at \_\_\_\_\_ °F/°C.
- The system will have a SEER of \_\_\_\_\_ Btuh/watt or greater at DOE conditions.

### Electrical Requirements

- Nominal unit electrical characteristics will be \_\_\_\_\_ v, single phase, 60 hz. The unit will be capable of satisfactory operation within voltage limits of \_\_\_\_\_ v to \_\_\_\_\_ v.
- Unit electrical power will be single point connection.
- Control circuit will be 24v.

### Special Features

- Refer to section of this literature identifying accessories and descriptions for specific features and available enhancements.

