25HBB3C
Base 13 Heat Pump for Coastal Applications with Puron® Refrigerant
1–1/2 to 5 Nominal Tons (Sizes 18 to 60)

Carrier®
Turn to the Experts℠

Product Data

Puron™
the environmentally sound refrigerant

WeatherShield™

Carrier heat pumps with Puron® refrigerant provide a collection of features unmatched by any other family of equipment. The 25HBB 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) for the most up-to-date ratings information.**

INDUSTRY LEADING FEATURES / BENEFITS

Efficiency

- 13 - 15 SEER/ 10.8 - 11.0 EER/ 7.7 - 8.2 HSPF
- Microtube Technology™ refrigeration system
- Indoor air quality accessories available

Sound

- Sound level as low as 74 dBA

Comfort

- System supports Thermidistat™ or standard thermostat controls

Reliability

- Puron® refrigerant - environmentally sound, won't deplete the ozone layer and low lifetime service cost.
- Scroll compressor
- Internal pressure relief valve
- Internal thermal overload
- High pressure switch
- Loss of charge switch
- Filter drier
- Balanced refrigeration system for maximum reliability

Durability

WeatherArmor™ protection package:

- Solid, durable sheet metal construction
- Dense wire coil guard
- Baked-on powder paint

ArmorPlate Condenser Coil

- Aluminum fin material is pre-coated on both sides with a corrosion protective epoxy phenolic coating.

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
2	5	H	B	B	3	3	6	C	0	0	3	0
Product Series		Product Family	Tier	Major Series	SEER	Cooling Capacity		Variations	Open	Open	Voltage	Minor Series
25 = HP		H = RES HP	B=Base	B = Puron	3=13 SEER			C = Coastal	0=Not Defined	0=Not Defined	3=208/230–1	0, 1, 2...

Puron
the environmentally sound refrigerant

ARI PERFORMANCE CERTIFIED
ARI Standard 210/240
Unitary Heat Pumps

ISO 9001:2000
QMI REGISTERED

c UL us

ENERGY STAR PARTNER

This product has been designed and manufactured to meet Energy Star® criteria for energy efficiency when matched with appropriate coil components. However, proper refrigerant charge and proper air flow are critical to achieve rated capacity and efficiency. Installation of this product should follow all manufacturing refrigerant charging and air flow instructions. **Failure to confirm proper charge and air flow may reduce energy efficiency and shorten equipment life.**

WeatherShield

STANDARD FEATURES

Feature	18	24	30	36	42	48	60
Puron Refrigerant	X	X	X	X	X	X	X
Maximum SEER Rating	15	15	15	15	15	15	14
Scroll Compressor	X	X	X	X	X	X	X
Dense Wire Coil Guard	X	X	X	X	X	X	X
Field Installed Filter Drier	X	X	X	X	X	X	X
Front Seating Service Valves	X	X	X	X	X	X	X
Internal Pressure Relief Valve	X	X	X	X	X	X	X
Internal Thermal Overload	X	X	X	X	X	X	X
Long Line capability	X	X	X	X	X	X	X
Low Ambient capability with Kit	X	X	X	X	X	X	X
Suction Line Accumulator	X	X	X	X	X	X	X
High Pressure Switch	X	X	X	X	X	X	X
Loss of Charge Switch	X	X	X	X	X	X	X

PHYSICAL DATA

UNIT SIZE SERIES	18–31	24–31	30–31	36–31	42–31	48–31	60–31
Operating Weight lb (kg)	173 (78.5)	173 (78.5)	191 (86.6)	192 (87.1)	255 (115.7)	265 (120.2)	287 (130.2)
Shipping Weight lb (kg)	202 (91.6)	202 (91.6)	223 (101.2)	224 (101.6)	287 (130.2)	297 (134.7)	319 (144.7)
Compressor Type	Scroll						
REFRIGERANT	Puron® (R–410A)						
Control	TXV (Puron Hard Shutoff)						
Heating Piston Size	42	46	55	57	61	61	76
Charge lb (kg)	6.63 (3.01)	6.58 (2.98)	6.56 (2.98)	7.57 (3.43)	11.07 (5.02)	11.3 (5.13)	12.58 (5.71)
COND FAN	Propeller Type, Direct Drive						
Air Discharge	Vertical						
Air Qty (CFM)	2611	2611	3810	3810	3810	4046	4046
Motor HP	1/10	1/10	1/5	1/5	1/5	1/4	1/4
Motor RPM	1100	1100	800	800	800	800	800
COND COIL							
Face Area (Sq ft)	19.40	19.4	20.12	25.15	20.12	20.12	25.15
Fins per In.	20	20	20	20	20	20	20
Rows	1	1	1	1	2	2	2
Circuits	5	5	5	6	6	8	8
VALVE CONNECT. (In. ID)							
Vapor	5/8	5/8	3/4	3/4	7/8	7/8	7/8
Liquid	3/8						
REFRIGERANT TUBES* (In. OD)							
Vapor	5/8	5/8	3/4	3/4	7/8	7/8	1–1/8
Liquid	3/8						

* For tubing sets between 80 and 200 ft. (24.38 and 60.96 m) horizontal or 20 ft. (6.09 m) vertical differential, consult the Longline Guideline.

Note: See unit Installation Instruction for proper installation.

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 250 ft. (76.2 m). The maximum vertical separation is 200 ft. (60.96 m) when outdoor unit is above indoor unit, and 60 ft. (18.3 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 (24.7–31.5)	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
48,000 1–Stage Puron HP		3/4	0	1	2	3	4	5	5	6	7
		7/8	0	0	1	1	2	2	2	3	3
60,000 1–Stage Puron HP		3/4	1	2	4	5	6	7	9	10	11
		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

ORDER NUMBER	DESCRIPTION	18–31	24–31	30–31	36–31	42–31	48–31	60–31
HC34GE240	BALL BEARING MOTOR	X	X					
HC38GE219	BALL BEARING MOTOR			X				
HC38GE228	BALL BEARING MOTOR				X	X		
HC40GE228	BALL BEARING MOTOR						X	X
KAACH1401AAA	CRANKCASE HTR			X				
KAACH1601AAA	CRANKCASE HTR					X		
KAACH1701AAA	CRANKCASE HTR	X	X		X			
Standard	CRANKCASE HTR						S	S
KSACY0101AAA	CYCLE PROTECTOR	X	X	X	X	X	X	X
KAAFT0101AAA	FREEZE THERMOSTAT	X	X	X	X	X	X	X
KSAHS1701AAA	HARD START	X	X	X	X	X	X	X
KHAIR0101AAA	ISOLATION RELAY	X	X	X	X	X	X	X
KSALA0301410	LOW AMBIENT PSW	X	X	X	X	X	X	X
KSALA0601AAA†	MOTORMASTER 230V	X	X	X	X	X	X	X
KHAOT0201SEC	OUTDOOR THERMOSTAT	X	X	X	X	X	X	X
KHAOT0301FST	OUTDOOR THERMOSTAT	X	X	X	X	X	X	X
KAALP0401PUR	PRESSURE SWITCH–LOW	X	X	X	X	X	X	X
KAALP0401PUR	PRESSURE SWITCH–HIGH	X	X	X	X	X	X	X
KAALS0201LLS	SOLENOID VALVE	X						
KHALS0401LLS	SOLENOID VALVE		X	X	X	X	X	X
KHASS0606MPK*	SNOW STAND RACK	X	X	X	X	X	X	X
KSASH0601COP	SOUND BLKT	X	X	X	X	X	X	X
KAACS0201PTC	START ASSIST PTC	X	X	X	X	X	X	X
KSASF0101AAA	SUPPORT FEET	X	X	X	X	X	X	X
KAATD0101TDR	TIME DELAY RELAY	X	X	X	X	X	X	X
KSATX0201PUR	TXV PURON HSO	X	X	X				
KSATX0301PUR	TXV PURON HSO				X	X		
KSATX0401PUR	TXV PURON HSO						X	
KSATX0501PUR	TXV PURON HSO							X
KAAWS0101AAA	WINTER START KIT	X	X	X	X	X	X	X

x = Accessory S = Standard

* Available through RCD

† Required accessories include ball bearing fan motor, compressor start assist (CAP / Relay), crankcase heater, evaporator freeze stat, isolation relay, hard shut–off TXV or liquid line solenoid valve.

ACCESSORY THERMOSTATS

THERMOSTAT / SUBBASE PKG.	DESCRIPTION
TP–PRH–01	Programmable Thermidistat
TP–NRH–01	Non–programmable Thermidistat
TB–PHP–01	Base Series Programmable HP Stat
TB–NHP–01	Base Series Non–programmable HP Stat
TSTATCCPRH01–B*	Thermidistat™ 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
TSTATXXPBP01	Backplate for Programmable Thermostat and Thermidistat™ 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 Thermidistat Control and HybridHeat™ (dual fuel) thermostat.

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)
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 Shut−Off TXV	Yes	Yes	Yes
Liquid Line Solenoid Valve	No	No	No
Motor Master® or Low−ambient Pressure Switch	Yes	No	No
Support Feet	Recommended	No	Recommended
Winter Start Control	Yes	No	No

* 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 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. Cycle Protector

The cycle protector is designed to prevent compressor short cycling. This control provides an approximate 5-minute delay after power to the compressor has been interrupted for any reason, including power outage, protector control trip, thermostat jiggling, or normal cycling.

6. 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.

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 (approximately 100 psig to 225 psig). The control will maintain working head pressure at low-ambient temperatures down to 0°F/-17.78°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 ± 5.5°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 Carrier thermostats listed in this publication.

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:

11. 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 (4.57 m) to quiet areas, bedrooms, etc.

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

12. Support Feet

Four stick-on plastic feet that raise the unit 4 in. (101.6 mm) above the mounting pad. This allows sand, dirt, and other debris to be flushed from the unit base, minimizing corrosion.

Usage Guideline:

Suggested in the following applications:

Coastal installations.

Windy areas or where debris is normally circulating.

Rooftop installations.

For improved sound ratings.

13. Thermostatic Expansion Valve (TXV)

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.

Kit includes valve, adapter tubes, and external equalizer tube. Hard shut off types are available.

NOTE: When using a hard shut off TXV with single phase reciprocating compressors, a Compressor Start Assist Capacitor and Relay is required.

Usage Guideline:

Required to achieve ARI ratings in certain equipment combinations. Refer to combination ratings.

Hard shut off TXV or LLS required in air conditioner long line applications.

Required for use on all zoning systems.

14. 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:

For improved efficiency ratings for certain combinations of indoor and outdoor units. Refer to ARI Unitary Directory.

15. Winter Start Control

This control is designed to alleviate nuisance opening of the low-pressure switch by bypassing it for the first 3 minutes of operation.

ELECTRICAL DATA

UNIT SIZE – VOLTAGE, SERIES	V/PH	OPER VOLTS*		COMPR		FAN	MCA	MIN WIRE SIZE†	MIN WIRE SIZE†	MAX LENGTH (FT)‡	MAX LENGTH (FT)‡	MAX FUSE** or BRK AMPS
		MAX	MIN	LRA	RLA	FLA		60° C	75° C	60° C	75° C	
18–31	208/230/1	253	197	48	9.4	0.8	12.5	14	14	63	60	20
24–31				58.3	12.8	0.8	16.8	14	14	47	45	25
30–31				77	15.2	1.2	20.2	12	12	62	59	30
36–31				79	16.7	1.2	22.0	12	12	57	54	35
42–31				109	21.3	1.2	27.8	10	10	72	68	40
48–31				117	21.8	1.2	28.4	10	10	70	67	40
60–31				134	26.3	1.2	34.1	8	10	91	56	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

A-WEIGHTED SOUND LEVEL (dBA)

UNIT SIZE – VOLTAGE,SERIES	STANDARD RATING (dBA)	TYPICAL OCTAVE BAND SPECTRUM (dB, without tone adjustment)						
		125	250	500	1000	2000	4000	8000
18–31	74	51.5	61.5	67.0	68.5	66.5	63.5	58.5
24–31	74	53.0	62.0	68.0	70.5	67.0	63.5	59.0
30–31	75	56.0	62.0	66.5	71.5	66.0	62.0	54.5
36–31	75	50.5	61.5	65.0	71.0	65.0	61.0	54.5
42–31	75	59.5	63.0	66.5	71.0	67.0	62.0	55.5
48–31	79	57.5	64.5	67.5	71.5	73.0	64.5	58.5
60–31	80	57.5	59.0	65.5	71.5	74.0	63.0	57.5

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

A-WEIGHTED SOUND LEVEL (dBA) WITH SOUND SHIELD

UNIT SIZE – VOLTAGE,SERIES	STANDARD RATING (dBA)	TYPICAL OCTAVE BAND SPECTRUM (dB, without tone adjustment)						
		125	250	500	1000	2000	4000	8000
18–31	73	51.5	62.0	67.0	68.0	66.0	63.0	58.5
24–31	74	53.0	62.0	67.5	69.0	66.5	63.0	58.0
30–31	74	57.0	61.5	66.0	70.0	65.0	60.5	52.5
36–31	73	51.0	61.5	64.5	69.0	63.5	60.5	53.0
42–31	73	60.0	63.5	66.5	69.5	66.0	60.5	52.5
48–31	77	57.0	65.5	67.5	69.5	71.0	61.0	53.5
60–31	77	57.5	58.5	65.0	68.5	71.0	60.0	53.0

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

CHARGING SUBCOOLING (TXV-TYPE EXPANSION DEVICE)

UNIT SIZE – VOLTAGE,SERIES	REQUIRED SUBCOOLING °F (°C)
18–31	8 (4.4)
24–31	10 (5.6)
30–31	10 (5.6)
36–31	11 (6.1)
42–31	11 (6.1)
48–31	12 (6.7)
60–31	11 (6.1)

DIMENSIONS - ENGLISH

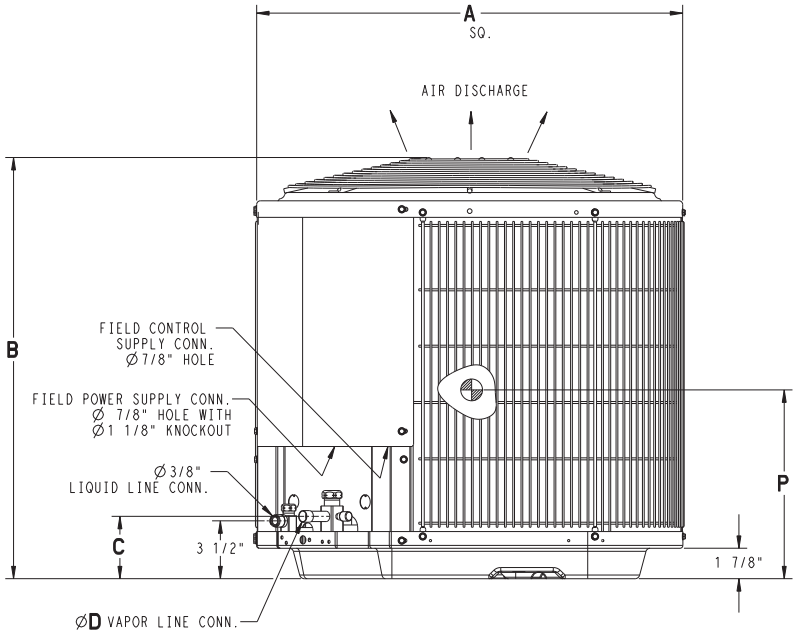
UNIT	SERIES	ELECTRICAL CHARACTERISTICS				A	B	C	D	E	F	G	K	L	M	N	P	OPERATING WEIGHT (lbs)	SHIPPING WEIGHT (lbs)	SHIPPING DIMENSIONS (L x W x H)
25HBB318C	1	X	O	O	O	31 3 16"	35 3/4"	3 3/4"	5/8"	6 9/16"	24 11/16"	9 1/8"	2 13/16"	1/2"	14 1/2"	14"	15"	173	202	32 3/8" X 35 1/2" X 39 3/8"
25HBB324C	1	X	O	O	O	31 3/16"	35 3/4"	3 3/4"	5/8"	6 9/16"	24 11/16"	9 1/8"	2 13/16"	1/2"	15"	14 1/2"	15"	173	202	32 3/8" X 35 1/2" X 39 3/8"
25HBB330C	1	X	O	O	O	35"	32 5/16"	3 3/4"	3/4"	6 9/16"	28 7/16"	9 1/8"	2 13/16"	1/2"	15 1/2"	15 1/2"	14 1/2"	191	223	36 1/8" X 39 5/16" X 35 15/16"
25HBB336C	1	X	O	O	O	35"	39 1/8"	3 3/4"	3/4"	6 9/16"	28 7/16"	9 1/8"	2 13/16"	1/2"	16"	14"	14"	192	224	36 1/8" X 39 5/16" X 42 3/4"
25HBB342C	1	X	O	O	O	35"	32 5/16"	3 7/8"	7/8"	6 9/16"	28 7/16"	9 1/8"	2 15/16"	5/8"	16 1/2"	17"	13 1/2"	255	287	36 1/8" X 39 5/16" X 35 15/16"
25HBB348C	1	X	O	O	O	35"	32 5/16"	3 7/8"	7/8"	6 9/16"	28 7/16"	9 1/8"	2 15/16"	5/8"	16 1/2"	17"	15 1/2"	265	297	36 1/8" X 39 5/16" X 35 15/16"
25HBB360C	1	X	O	O	O	35"	39 1/8"	3 7/8"	7/8"	6 9/16"	28 7/16"	9 1/8"	2 15/16"	5/8"	16"	16"	17"	287	319	36 1/8" X 39 5/16" X 42 3/4"

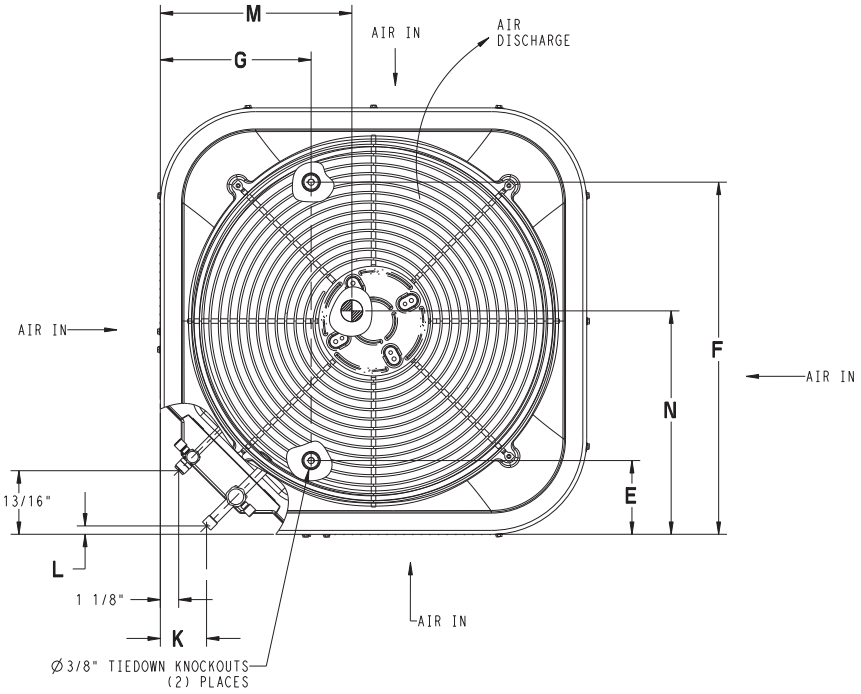
208-230-1-60	230-1-60	208/230-3-60	460-3-60

X = YES
O = NO

NOTES:

1. 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.
2. MINIMUM OUTDOOR OPERATING AMBIENT IN COOLING MODE IS 55°F, MAX. 125°F.
3. SERIES DESIGNATION IS THE 13TH POSITION OF THE UNIT MODEL NUMBER.
4. CENTER OF GRAVITY ⊕.
5. ALL DIMENSIONS ARE IN "INCHES" UNLESS NOTED.





UNIT SIZE	MINIMUM MOUNTING PAD DIMENSIONS
-	26" X 26"
18,24	31 1/2" X 31 1/2"
30,36,42,48,60	35" X 35"

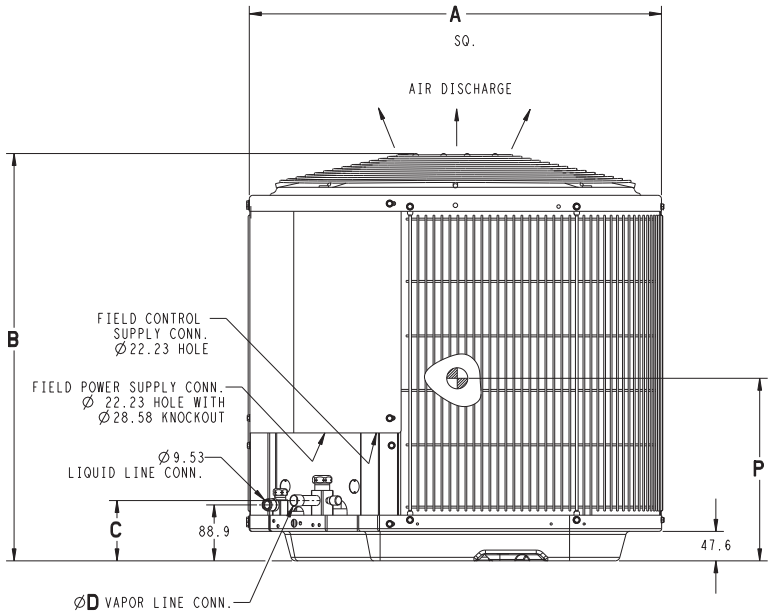
DIMENSIONS - SI

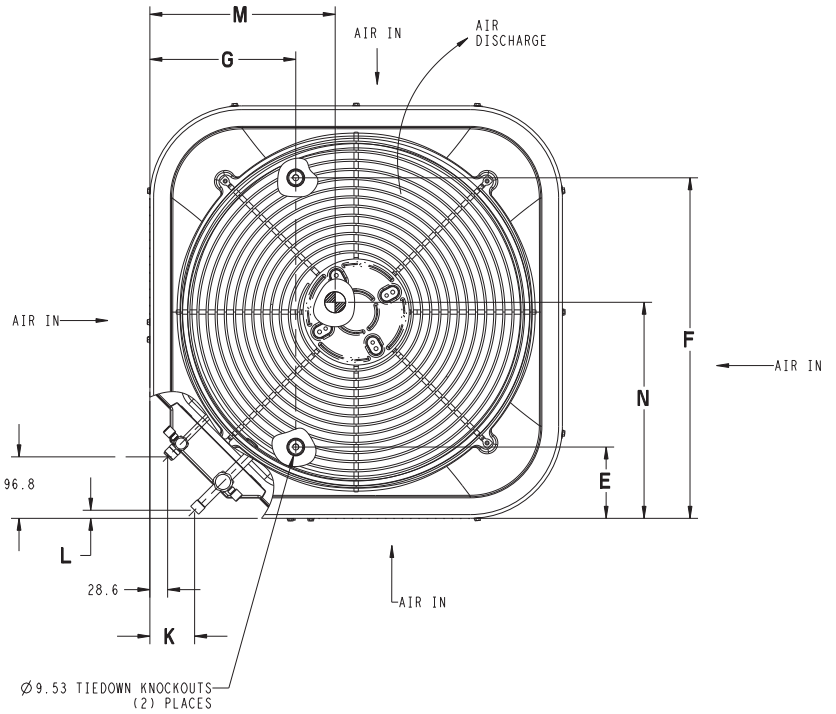
UNIT	SERIES	ELECTRICAL CHARACTERISTICS				A	B	C	D	E	F	G	K	L	M	N	P	OPERATING WEIGHT (Kgs)	SHIPPING WEIGHT (Kgs)	SHIPPING DIMENSIONS (L x W x H)
25HBB318C	1	X	O	O	O	792.2	908.0	95.2	15.9	166.7	627.1	231.8	71.4	12.7	368.3	355.6	381.0	78.5	91.6	822.3 X 901.7 X 1000.1
25HBB324C	1	X	O	O	O	792.2	908.0	95.2	15.9	166.7	627.1	231.8	71.4	12.7	381.0	368.3	381.0	78.5	91.6	822.3 X 901.7 X 1000.1
25HBB330C	1	X	O	O	O	889.0	820.8	95.2	19.0	166.7	722.3	231.8	71.4	12.7	393.7	393.7	368.3	86.6	101.2	917.6 X 998.6 X 912.8
25HBB336C	1	X	O	O	O	889.0	993.8	95.2	19.0	166.7	722.3	231.8	71.4	12.7	406.4	355.6	355.6	87.1	101.6	917.6 X 998.6 X 1085.8
25HBB342C	1	X	O	O	O	889.0	820.8	98.4	22.2	166.7	722.3	231.8	74.6	15.9	419.1	431.8	342.9	115.7	130.2	917.6 X 998.6 X 912.8
25HBB348C	1	X	O	O	O	889.0	820.8	98.4	22.2	166.7	722.3	231.8	74.6	15.9	419.1	431.8	393.7	120.2	134.7	917.6 X 998.6 X 912.8
25HBB360C	1	X	O	O	O	889.0	993.8	98.4	22.2	166.7	722.3	231.8	74.6	15.9	406.4	406.4	431.8	130.2	144.7	917.6 X 998.6 X 1085.8
		208-230-1-60	230-1-60	208/230-3-60	460-3-60															

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.

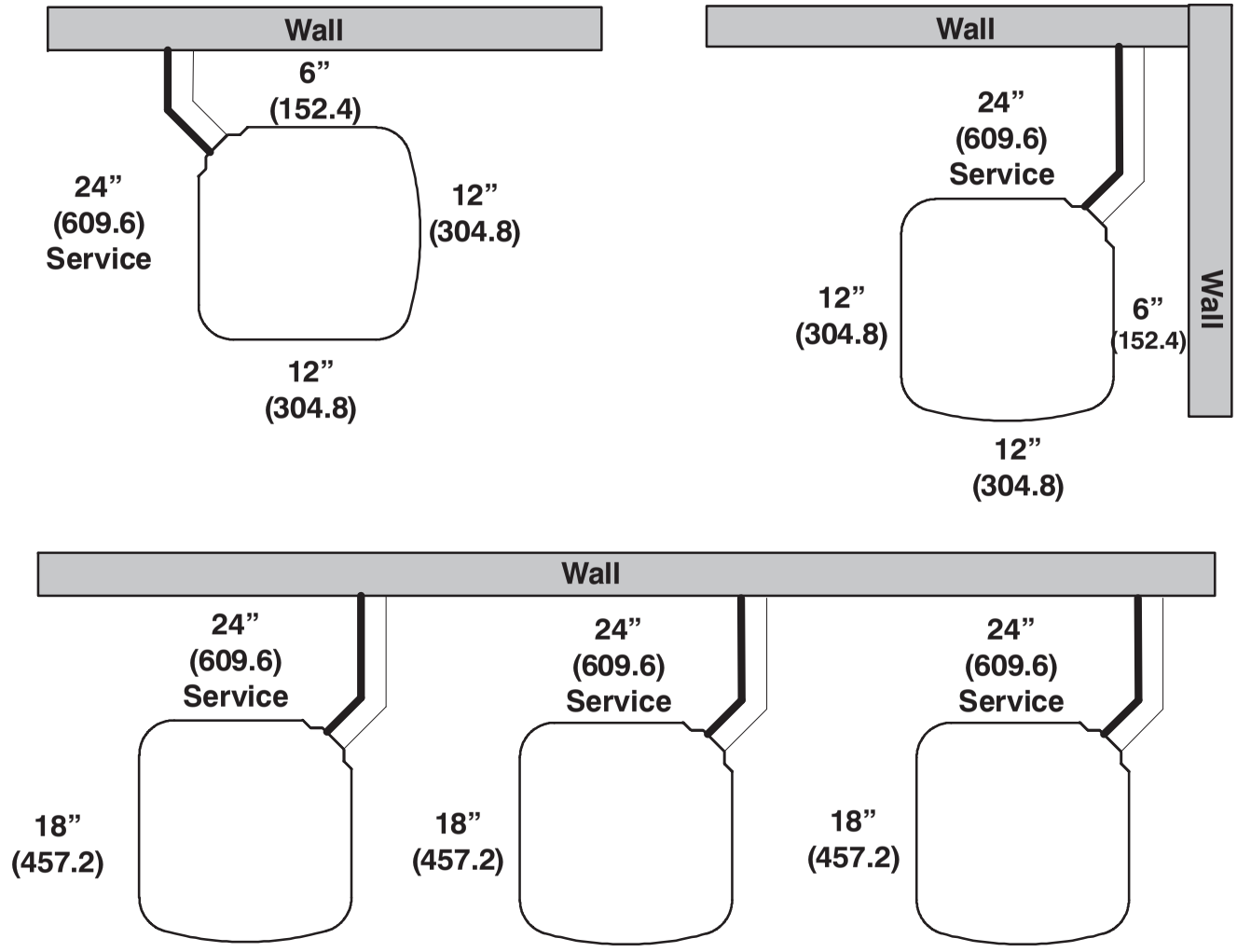




UNIT SIZE	MINIMUM MOUNTING PAD DIMENSIONS
-	660.4 X 660.4
18,24	800.1 X 800.1
30,36,42,48,60	889.0 X 889.0

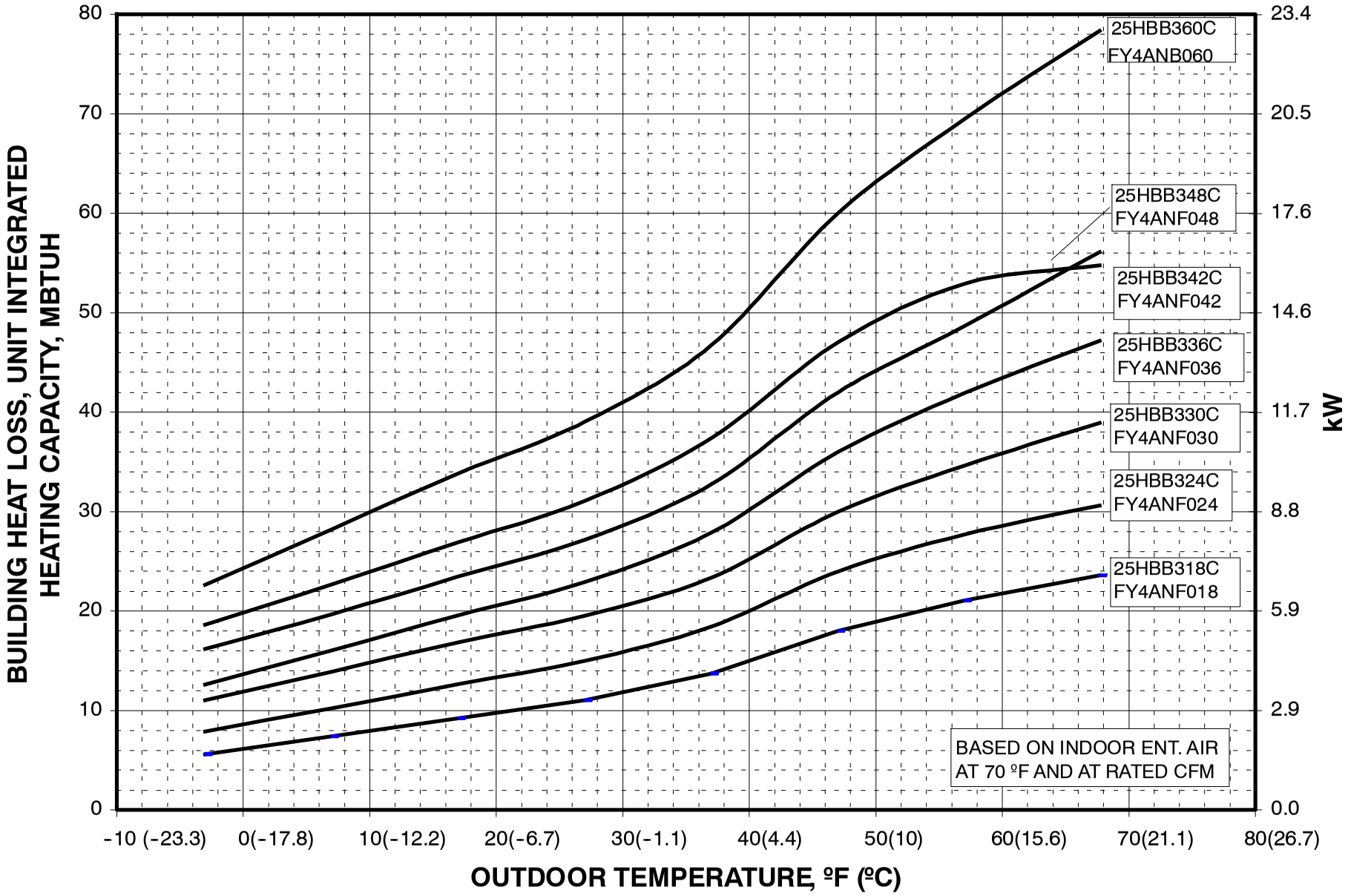
CLEARANCES

Clearances (various examples)



Note: Numbers in ( ) = mm

25HBB3C BALANCE POINT WORKSHEET



COMBINATION RATINGS

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
3230699	25HBB318C31	†FY4ANF018		17,600	10.8	13.0	18,000	3.44	7.7	11,000	2.22
3230728	25HBB318C31	FE4ANF002+UI		18,000	12.0	15.0	18,000	3.74	8.2	10,400	2.40
3230729	25HBB318C31	FF1ENP018		17,600	10.8	13.0	18,000	3.44	7.7	11,000	2.22
3230730	25HBB318C31	FF1ENP024		17,800	11.0	13.0	18,000	3.50	7.7	11,000	2.24
3230731	25HBB318C31	FV4BNF002		18,000	12.0	15.0	18,000	3.74	8.2	10,400	2.40
3230726	25HBB318C31	FX4CNF018		18,000	12.0	14.5	18,000	3.66	8.0	10,600	2.36
3230727	25HBB318C31	FX4CNF024		18,000	12.0	15.0	18,000	3.70	8.2	10,600	2.38
3230700	25HBB318C31	CAP**1814A**	58CV(A,X)070–12	17,600	12.0	14.5	17,900	3.40	7.7	10,300	2.28
3230732	25HBB318C31	CAP**1814A**	58PH*045–08	17,800	12.0	14.5	18,000	3.52	7.8	10,400	2.32
3230702	25HBB318C31	CAP**2414A**	58CV(A,X)070–12	17,800	12.0	14.5	18,000	3.56	7.8	10,400	2.32
3230733	25HBB318C31	CAP**2414A**	58PH*045–08	18,000	12.0	14.5	18,000	3.70	8.1	10,500	2.38
3230701	25HBB318C31	CAP**2414A**+TDR		17,800	11.0	13.0	18,000	3.52	7.7	11,000	2.26
3230705	25HBB318C31	CAP**2417A**	58CV(A,X)090–16	17,800	12.0	14.5	18,000	3.58	7.8	10,400	2.34
3230738	25HBB318C31	CAP**2417A**	58MEB040–12	18,000	12.5	15.0	18,000	3.88	8.4	10,600	2.46
3230739	25HBB318C31	CAP**2417A**	58MEB060–12	18,000	12.5	15.0	18,000	3.78	8.3	10,500	2.42
3230704	25HBB318C31	CAP**2417A**	58MV(B,C)060–14	17,900	12.0	14.5	18,000	3.56	7.8	10,400	2.34
3230703	25HBB318C31	CAP**2417A**+TDR		17,800	11.0	13.0	18,000	3.52	7.7	11,000	2.26
3230719	25HBB318C31	CNPF*2418A**+TDR		17,900	11.0	13.0	18,000	3.58	7.8	11,100	2.28
3230717	25HBB318C31	CNPH*2417A**	58CV(A,X)070–12	17,800	12.0	14.5	18,000	3.60	7.9	10,400	2.34
3230718	25HBB318C31	CNPH*2417A**	58CV(A,X)090–16	17,900	12.0	14.5	18,000	3.64	8.0	10,400	2.36
3230742	25HBB318C31	CNPH*2417A**	58MEB040–12	18,000	12.5	15.0	18,000	3.84	8.4	10,600	2.44
3230743	25HBB318C31	CNPH*2417A**	58MEB060–12	18,000	12.0	15.0	18,000	3.74	8.2	10,400	2.40
3230714	25HBB318C31	CNPH*2417A**	58MV(B,C)040–14	17,900	12.0	14.5	18,000	3.62	8.0	10,400	2.34
3230715	25HBB318C31	CNPH*2417A**	58MV(B,C)060–14	17,900	12.0	14.5	18,000	3.62	8.0	10,400	2.34
3230716	25HBB318C31	CNPH*2417A**	58MV(B,C)080–14	17,800	12.0	14.5	18,000	3.60	7.9	10,400	2.34
3230736	25HBB318C31	CNPH*2417A**	58PH*045–08	18,000	12.0	14.5	18,000	3.72	8.2	10,500	2.38
3230713	25HBB318C31	CNPH*2417A**+TDR		17,900	11.0	13.0	18,000	3.58	7.8	11,100	2.28
3230707	25HBB318C31	CNPV*1814A**	58CV(A,X)070–12	17,700	12.0	14.5	18,000	3.54	7.8	10,400	2.32
3230734	25HBB318C31	CNPV*1814A**	58PH*045–08	17,900	12.0	14.5	18,000	3.62	8.0	10,500	2.34
3230706	25HBB318C31	CNPV*1814A**+TDR		17,800	11.0	13.0	18,000	3.52	7.8	11,000	2.26
3230709	25HBB318C31	CNPV*2414A**	58CV(A,X)070–12	17,800	12.0	14.5	18,000	3.60	7.8	10,400	2.34
3230735	25HBB318C31	CNPV*2414A**	58PH*045–08	18,000	12.0	14.5	18,000	3.72	8.2	10,500	2.38
3230708	25HBB318C31	CNPV*2414A**+TDR		17,900	11.0	13.0	18,000	3.58	7.8	11,100	2.28
3230712	25HBB318C31	CNPV*2417A**	58CV(A,X)090–16	17,900	12.0	14.5	18,000	3.64	8.0	10,400	2.36
3230740	25HBB318C31	CNPV*2417A**	58MEB040–12	18,000	12.5	15.0	18,000	3.84	8.4	10,600	2.44
3230741	25HBB318C31	CNPV*2417A**	58MEB060–12	18,000	12.0	15.0	18,000	3.74	8.2	10,400	2.40
3230711	25HBB318C31	CNPV*2417A**	58MV(B,C)060–14	17,900	12.0	14.5	18,000	3.62	8.0	10,400	2.34
3230710	25HBB318C31	CNPV*2417A**+TDR		17,900	11.0	13.0	18,000	3.58	7.8	11,100	2.28
3230724	25HBB318C31	CSPH*2412A**	58CV(A,X)070–12	18,000	12.0	14.5	18,000	3.58	7.9	10,400	2.34
3230725	25HBB318C31	CSPH*2412A**	58CV(A,X)090–16	18,000	12.0	14.5	18,000	3.62	8.0	10,400	2.34
3230744	25HBB318C31	CSPH*2412A**	58MEB040–12	18,000	12.5	15.0	18,000	3.80	8.3	10,500	2.42
3230745	25HBB318C31	CSPH*2412A**	58MEB060–12	18,000	12.0	15.0	18,000	3.64	8.0	10,400	2.36
3230721	25HBB318C31	CSPH*2412A**	58MV(B,C)040–14	18,000	12.0	14.5	18,000	3.60	8.0	10,400	2.34
3230722	25HBB318C31	CSPH*2412A**	58MV(B,C)060–14	18,000	12.0	14.5	18,000	3.60	8.0	10,400	2.34
3230723	25HBB318C31	CSPH*2412A**	58MV(B,C)080–14	18,000	12.0	14.5	18,000	3.58	7.9	10,400	2.34
3230737	25HBB318C31	CSPH*2412A**	58PH*045–08	18,000	12.0	14.5	18,000	3.70	8.1	10,500	2.38
3230720	25HBB318C31	CSPH*2412A**+TDR		18,000	11.0	13.0	18,000	3.60	7.8	11,100	2.28
3230746	25HBB324C31	†FY4ANF024		23,200	10.8	13.0	24,000	3.58	8.0	15,000	2.42
3230820	25HBB324C31	FE4AN(B,F)003+UI		23,800	12.0	15.0	24,000	3.88	8.7	14,300	2.60
3230819	25HBB324C31	FE4ANF002+UI		23,600	12.0	15.0	24,000	3.88	8.6	14,400	2.60
3230821	25HBB324C31	FF1ENP030		23,200	10.8	13.0	24,000	3.60	8.0	15,100	2.42
3230823	25HBB324C31	FV4BN(B,F)003		23,800	12.0	15.0	24,000	3.88	8.7	14,300	2.60
3230822	25HBB324C31	FV4BNF002		23,600	12.0	15.0	24,000	3.88	8.6	14,400	2.60
3230817	25HBB324C31	FX4CNF024		23,600	11.7	14.0	24,000	3.76	8.5	14,600	2.54
3230818	25HBB324C31	FX4CNF030		23,800	12.0	14.5	24,000	3.90	8.7	14,600	2.60
3230816	25HBB324C31	FY4ANF030		23,400	10.8	13.0	24,000	3.70	8.2	15,100	2.46
3230748	25HBB324C31	CAP**2414A**	58CV(A,X)070–12	23,200	11.7	14.5	24,000	3.68	8.3	14,300	2.52
3230824	25HBB324C31	CAP**2414A**	58PH*045–08	23,400	11.7	14.0	24,000	3.74	8.4	14,500	2.54
3230747	25HBB324C31	CAP**2414A**+TDR		23,200	10.8	13.0	24,000	3.66	8.2	15,100	2.44
3230751	25HBB324C31	CAP**2417A**	58CV(A,X)090–16	23,200	12.0	14.5	24,000	3.72	8.4	14,300	2.54
3230832	25HBB324C31	CAP**2417A**	58MEB040–12	23,400	12.0	14.5	24,000	3.88	8.5	14,500	2.60
3230833	25HBB324C31	CAP**2417A**	58MEB060–12	23,600	12.0	14.5	24,000	3.90	8.5	14,500	2.62
3230834	25HBB324C31	CAP**2417A**	58MEB080–12	23,400	12.0	14.5	24,000	3.86	8.5	14,400	2.60
3230750	25HBB324C31	CAP**2417A**	58MV(B,C)060–14	23,600	12.0	14.5	24,000	3.80	8.5	14,400	2.58
3230749	25HBB324C31	CAP**2417A**+TDR		23,200	10.8	13.0	24,000	3.66	8.2	15,100	2.44
3230753	25HBB324C31	CAP**3014A**	58CV(A,X)070–12	23,400	12.0	14.5	24,000	3.72	8.4	14,300	2.54
3230825	25HBB324C31	CAP**3014A**	58PH*045–08	23,600	12.0	14.5	24,000	3.80	8.5	14,500	2.56
3230752	25HBB324C31	CAP**3014A**+TDR		23,200	10.8	13.0	24,000	3.68	8.2	15,200	2.46
3230756	25HBB324C31	CAP**3017A**	58CV(A,X)090–16	23,600	12.0	14.5	24,000	3.76	8.5	14,300	2.56
3230835	25HBB324C31	CAP**3017A**	58MEB040–12	23,800	12.0	15.0	24,000	3.96	8.7	14,500	2.64
3230836	25HBB324C31	CAP**3017A**	58MEB060–12	24,000	12.0	15.0	24,000	3.96	8.7	14,500	2.64
3230837	25HBB324C31	CAP**3017A**	58MEB080–12	23,800	12.0	15.0	24,000	3.92	8.5	14,500	2.62
3230755	25HBB324C31	CAP**3017A**	58MV(B,C)060–14	23,800	12.0	14.5	24,000	3.86	8.5	14,400	2.60
3230754	25HBB324C31	CAP**3017A**+TDR		23,200	10.8	13.0	24,000	3.68	8.2	15,200	2.46
3230791	25HBB324C31	CNPF*2418A**+TDR		23,200	10.8	13.0	24,000	3.72	8.2	15,200	2.46
3230774	25HBB324C31	CNPH*2417A**	58CV(A,X)070–12	23,200	11.7	14.0	24,000	3.74	8.4	14,400	2.54
3230775	25HBB324C31	CNPH*2417A**	58CV(A,X)090–16	23,200	12.0	14.5	24,000	3.78	8.5	14,300	2.56
3230776	25HBB324C31	CNPH*2417A**	58CV(A,X)110–20	23,200	11.7	14.0	24,000	3.76	8.4	14,400	2.54
3230777	25HBB324C31	CNPH*2417A**	58CV(A,X)135–22	23,200	12.0	14.5	24,000	3.78	8.5	14,400	2.54

See note on pg. 21

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
3230778	25HBB324C31	CNPH*2417A**	58CV(A,X)155–22	23,200	12.0	14.5	24,000	3.78	8.5	14,400	2.54
3230844	25HBB324C31	CNPH*2417A**	58MEB040–12	23,200	11.5	14.5	24,000	3.88	8.5	14,500	2.60
3230845	25HBB324C31	CNPH*2417A**	58MEB060–12	23,400	11.5	14.5	24,000	3.88	8.5	14,500	2.60
3230846	25HBB324C31	CNPH*2417A**	58MEB080–12	23,200	11.5	14.5	24,000	3.86	8.5	14,400	2.58
3230768	25HBB324C31	CNPH*2417A**	58MV(B,C)040–14	23,200	11.7	14.0	24,000	3.76	8.4	14,400	2.54
3230769	25HBB324C31	CNPH*2417A**	58MV(B,C)060–14	23,400	11.7	14.5	24,000	3.86	8.5	14,500	2.58
3230770	25HBB324C31	CNPH*2417A**	58MV(B,C)080–14	23,200	11.7	14.5	24,000	3.74	8.4	14,300	2.54
3230771	25HBB324C31	CNPH*2417A**	58MV(B,C)080–20	23,000	11.7	14.5	24,000	3.70	8.3	14,300	2.52
3230772	25HBB324C31	CNPH*2417A**	58MV(B,C)100–20	23,200	11.7	14.5	24,000	3.76	8.4	14,300	2.54
3230773	25HBB324C31	CNPH*2417A**	58MV(B,C)120–20	23,400	11.7	14.5	24,000	3.82	8.5	14,400	2.56
3230828	25HBB324C31	CNPH*2417A**	58PH*045–08	23,200	11.7	14.0	24,000	3.78	8.5	14,500	2.54
3230767	25HBB324C31	CNPH*2417A**+TDR		23,200	10.8	13.0	24,000	3.72	8.2	15,200	2.46
3230786	25HBB324C31	CNPH*3017A**	58CV(A,X)070–12	23,400	12.0	14.5	24,000	3.74	8.4	14,300	2.54
3230787	25HBB324C31	CNPH*3017A**	58CV(A,X)090–16	23,600	12.0	14.5	24,000	3.78	8.5	14,300	2.56
3230788	25HBB324C31	CNPH*3017A**	58CV(A,X)110–20	23,600	12.0	14.5	24,000	3.78	8.5	14,300	2.56
3230789	25HBB324C31	CNPH*3017A**	58CV(A,X)135–22	23,600	12.0	14.5	24,000	3.78	8.5	14,300	2.56
3230790	25HBB324C31	CNPH*3017A**	58CV(A,X)155–22	23,600	12.0	14.5	24,000	3.80	8.5	14,300	2.58
3230847	25HBB324C31	CNPH*3017A**	58MEB040–12	23,800	12.0	15.0	24,000	3.96	8.7	14,500	2.64
3230848	25HBB324C31	CNPH*3017A**	58MEB060–12	24,000	12.0	15.0	24,000	3.96	8.7	14,600	2.64
3230849	25HBB324C31	CNPH*3017A**	58MEB080–12	23,800	12.0	15.0	24,000	3.92	8.5	14,500	2.62
3230780	25HBB324C31	CNPH*3017A**	58MV(B,C)040–14	23,600	12.0	14.5	24,000	3.78	8.5	14,300	2.56
3230781	25HBB324C31	CNPH*3017A**	58MV(B,C)060–14	23,800	12.0	14.5	24,000	3.88	8.7	14,400	2.60
3230782	25HBB324C31	CNPH*3017A**	58MV(B,C)080–14	23,400	12.0	14.5	24,000	3.76	8.4	14,300	2.56
3230783	25HBB324C31	CNPH*3017A**	58MV(B,C)080–20	23,400	12.0	14.5	24,000	3.68	8.3	14,200	2.52
3230784	25HBB324C31	CNPH*3017A**	58MV(B,C)100–20	23,600	12.0	14.5	24,000	3.76	8.5	14,300	2.56
3230785	25HBB324C31	CNPH*3017A**	58MV(B,C)120–20	23,600	12.0	14.5	24,000	3.82	8.6	14,300	2.58
3230829	25HBB324C31	CNPH*3017A**	58PH*045–08	23,800	12.0	14.5	24,000	3.84	8.6	14,500	2.58
3230779	25HBB324C31	CNPH*3017A**+TDR		23,400	10.8	13.0	24,000	3.70	8.2	15,200	2.46
3230758	25HBB324C31	CNPV*2414A**	58CV(A,X)070–12	23,200	11.5	14.0	24,000	3.74	8.4	14,400	2.54
3230826	25HBB324C31	CNPV*2414A**	58PH*045–08	23,200	11.7	14.0	24,000	3.78	8.5	14,500	2.54
3230757	25HBB324C31	CNPV*2414A**+TDR		23,200	10.8	13.0	24,000	3.72	8.2	15,200	2.46
3230761	25HBB324C31	CNPV*2417A**	58CV(A,X)090–16	23,200	11.7	14.5	24,000	3.78	8.5	14,300	2.56
3230838	25HBB324C31	CNPV*2417A**	58MEB040–12	23,200	11.5	14.5	24,000	3.88	8.5	14,500	2.60
3230839	25HBB324C31	CNPV*2417A**	58MEB060–12	23,400	11.5	14.5	24,000	3.88	8.5	14,500	2.60
3230840	25HBB324C31	CNPV*2417A**	58MEB080–12	23,200	11.5	14.5	24,000	3.86	8.5	14,400	2.58
3230760	25HBB324C31	CNPV*2417A**	58MV(B,C)060–14	23,400	11.7	14.5	24,000	3.86	8.5	14,500	2.58
3230759	25HBB324C31	CNPV*2417A**+TDR		23,200	10.8	13.0	24,000	3.72	8.2	15,200	2.46
3230763	25HBB324C31	CNPV*3014A**	58CV(A,X)070–12	23,400	12.0	14.5	24,000	3.74	8.4	14,300	2.54
3230827	25HBB324C31	CNPV*3014A**	58PH*045–08	23,600	12.0	14.5	24,000	3.80	8.5	14,500	2.56
3230762	25HBB324C31	CNPV*3014A**+TDR		23,400	10.8	13.0	24,000	3.70	8.2	15,200	2.46
3230766	25HBB324C31	CNPV*3017A**	58CV(A,X)090–16	23,600	12.0	14.5	24,000	3.78	8.5	14,300	2.56
3230841	25HBB324C31	CNPV*3017A**	58MEB040–12	23,800	12.0	15.0	24,000	3.96	8.7	14,500	2.64
3230842	25HBB324C31	CNPV*3017A**	58MEB060–12	24,000	12.0	15.0	24,000	3.96	8.7	14,600	2.64
3230843	25HBB324C31	CNPV*3017A**	58MEB080–12	23,800	12.0	15.0	24,000	3.92	8.7	14,500	2.62
3230765	25HBB324C31	CNPV*3017A**	58MV(B,C)060–14	23,800	12.0	14.5	24,000	3.88	8.7	14,400	2.60
3230764	25HBB324C31	CNPV*3017A**+TDR		23,400	10.8	13.0	24,000	3.70	8.2	15,200	2.46
3230799	25HBB324C31	CSPH*2412A**	58CV(A,X)070–12	23,400	12.0	14.5	24,000	3.74	8.4	14,400	2.54
3230800	25HBB324C31	CSPH*2412A**	58CV(A,X)090–16	23,600	12.0	14.5	24,000	3.78	8.5	14,400	2.56
3230801	25HBB324C31	CSPH*2412A**	58CV(A,X)110–20	23,400	12.0	14.5	24,000	3.76	8.5	14,400	2.54
3230802	25HBB324C31	CSPH*2412A**	58CV(A,X)135–22	23,600	12.0	14.5	24,000	3.78	8.5	14,400	2.56
3230803	25HBB324C31	CSPH*2412A**	58CV(A,X)155–22	23,600	12.0	14.5	24,000	3.78	8.5	14,400	2.56
3230850	25HBB324C31	CSPH*2412A**	58MEB040–12	23,600	12.0	14.5	24,000	3.86	8.5	14,500	2.58
3230851	25HBB324C31	CSPH*2412A**	58MEB060–12	23,600	12.0	14.5	24,000	3.88	8.5	14,500	2.60
3230852	25HBB324C31	CSPH*2412A**	58MEB080–12	23,400	12.0	14.5	24,000	3.84	8.5	14,500	2.58
3230793	25HBB324C31	CSPH*2412A**	58MV(B,C)040–14	23,400	12.0	14.5	24,000	3.76	8.5	14,400	2.54
3230794	25HBB324C31	CSPH*2412A**	58MV(B,C)060–14	23,800	12.0	14.5	24,000	3.86	8.6	14,500	2.58
3230795	25HBB324C31	CSPH*2412A**	58MV(B,C)080–14	23,400	12.0	14.5	24,000	3.74	8.4	14,400	2.54
3230796	25HBB324C31	CSPH*2412A**	58MV(B,C)080–20	23,200	12.0	14.5	24,000	3.68	8.3	14,300	2.52
3230797	25HBB324C31	CSPH*2412A**	58MV(B,C)100–20	23,400	12.0	14.5	24,000	3.76	8.5	14,400	2.56
3230798	25HBB324C31	CSPH*2412A**	58MV(B,C)120–20	23,600	12.0	14.5	24,000	3.82	8.5	14,400	2.58
3230830	25HBB324C31	CSPH*2412A**	58PH*045–08	23,600	11.7	14.5	24,000	3.78	8.5	14,500	2.54
3230792	25HBB324C31	CSPH*2412A**+TDR		23,600	10.8	13.0	24,000	3.76	8.2	15,200	2.48
3230811	25HBB324C31	CSPH*3012A**	58CV(A,X)070–12	23,600	12.0	14.5	24,000	3.74	8.4	14,300	2.54
3230812	25HBB324C31	CSPH*3012A**	58CV(A,X)090–16	23,600	12.0	14.5	24,000	3.78	8.5	14,300	2.56
3230813	25HBB324C31	CSPH*3012A**	58CV(A,X)110–20	23,600	12.0	14.5	24,000	3.78	8.5	14,400	2.56
3230814	25HBB324C31	CSPH*3012A**	58CV(A,X)135–22	23,600	12.0	14.5	24,000	3.78	8.5	14,300	2.56
3230815	25HBB324C31	CSPH*3012A**	58CV(A,X)155–22	23,600	12.0	14.5	24,000	3.78	8.5	14,300	2.56
3230853	25HBB324C31	CSPH*3012A**	58MEB040–12	23,800	12.0	15.0	24,000	3.92	8.7	14,500	2.62
3230854	25HBB324C31	CSPH*3012A**	58MEB060–12	23,800	12.0	15.0	24,000	3.94	8.7	14,500	2.62
3230855	25HBB324C31	CSPH*3012A**	58MEB080–12	23,800	12.0	15.0	24,000	3.90	8.5	14,500	2.60
3230805	25HBB324C31	CSPH*3012A**	58MV(B,C)040–14	23,600	12.0	14.5	24,000	3.78	8.5	14,400	2.54
3230806	25HBB324C31	CSPH*3012A**	58MV(B,C)060–14	23,800	12.0	14.5	24,000	3.88	8.7	14,500	2.60
3230807	25HBB324C31	CSPH*3012A**	58MV(B,C)080–14	23,600	12.0	14.5	24,000	3.76	8.4	14,300	2.54
3230808	25HBB324C31	CSPH*3012A**	58MV(B,C)080–20	23,400	12.0	14.5	24,000	3.68	8.3	14,200	2.52
3230809	25HBB324C31	CSPH*3012A**	58MV(B,C)100–20	23,600	12.0	14.5	24,000	3.78	8.5	14,300	2.56
3230810	25HBB324C31	CSPH*3012A**	58MV(B,C)120–20	23,800	12.0	14.5	24,000	3.82	8.6	14,400	2.58
3230831	25HBB324C31	CSPH*3012A**	58PH*045–08	23,800	12.0	14.5	24,000	3.82	8.6	14,500	2.56
3230804	25HBB324C31	CSPH*3012A**+TDR		23,400	10.8	13.0	24,000	3.70	8.4	15,200	2.46
3230856	25HBB330C31	†FY4ANF030		30,000	10.8	13.0	30,000	3.50	8.0	19,800	2.40

See note on pg. 21

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
3230984	25HBB330C31	FE4AN(B,F)003+UI		30,000	12.0	14.5	30,000	3.66	8.4	18,900	2.52
3230989	25HBB330C31	FE4AN(B,F)005+UI		30,000	12.0	15.0	30,000	3.76	8.8	19,100	2.60
3230983	25HBB330C31	FE4ANF002+UI		30,000	11.5	14.0	30,000	3.64	8.4	19,100	2.50
3230985	25HBB330C31	FF1ENP030		30,000	10.7	13.0	30,000	3.46	8.0	19,800	2.38
3230986	25HBB330C31	FF1ENP036		30,000	10.8	13.0	30,000	3.56	8.0	19,900	2.42
3230988	25HBB330C31	FV4BN(B,F)003		30,000	12.0	14.5	30,000	3.66	8.4	18,900	2.52
3230990	25HBB330C31	FV4BN(B,F)005		30,000	12.0	15.0	30,000	3.76	8.6	19,100	2.60
3230987	25HBB330C31	FV4BNF002		30,000	11.5	14.0	30,000	3.64	8.4	19,100	2.50
3230982	25HBB330C31	FX4CN(B,F)036		30,000	11.0	13.5	30,000	3.68	8.4	19,600	2.50
3230981	25HBB330C31	FX4CNF030		30,000	11.0	13.5	30,000	3.64	8.4	19,400	2.50
3230980	25HBB330C31	FY4ANF036		30,000	10.7	13.0	30,000	3.54	8.0	20,000	2.40
3230904	25HBB330C31	CAP**3014A**	58CV(A,X)070–12	30,000	11.5	14.0	30,000	3.50	8.0	19,100	2.44
3230903	25HBB330C31	CAP**3014A**+TDR		30,000	10.8	13.0	30,000	3.54	8.0	19,900	2.42
3230907	25HBB330C31	CAP**3017A**	58CV(A,X)090–16	30,000	11.5	14.0	30,000	3.52	8.2	18,900	2.48
3230871	25HBB330C31	CAP**3017A**	58MEB040–12	30,000	11.5	14.0	30,000	3.64	8.2	19,100	2.52
3230872	25HBB330C31	CAP**3017A**	58MEB060–12	30,000	11.5	14.0	30,000	3.66	8.3	19,200	2.52
3230873	25HBB330C31	CAP**3017A**	58MEB080–12	30,000	11.5	14.0	30,000	3.62	8.2	19,100	2.50
3230874	25HBB330C31	CAP**3017A**	58MEB080–16	30,000	11.5	14.0	30,000	3.68	8.3	19,300	2.52
3230906	25HBB330C31	CAP**3017A**	58MV(B,C)060–14	30,000	11.5	14.0	30,000	3.58	8.2	19,000	2.48
3230857	25HBB330C31	CAP**3017A**	58PH*070–16	30,000	11.5	13.5	30,000	3.58	8.2	19,200	2.46
3230905	25HBB330C31	CAP**3017A**+TDR		30,000	10.8	13.0	30,000	3.54	8.0	19,900	2.42
3230909	25HBB330C31	CAP**3614A**	58CV(A,X)070–12	30,000	11.5	14.0	30,000	3.54	8.2	19,100	2.46
3230908	25HBB330C31	CAP**3614A**+TDR		30,000	10.8	13.0	30,000	3.58	8.2	20,000	2.42
3230912	25HBB330C31	CAP**3617A**	58CV(A,X)090–16	30,000	11.5	14.0	30,000	3.58	8.2	18,900	2.48
3230875	25HBB330C31	CAP**3617A**	58MEB040–12	30,000	11.5	14.0	30,000	3.70	8.3	19,200	2.54
3230876	25HBB330C31	CAP**3617A**	58MEB060–12	30,000	11.5	14.0	30,000	3.72	8.3	19,200	2.54
3230877	25HBB330C31	CAP**3617A**	58MEB080–12	30,000	11.5	14.0	30,000	3.68	8.3	19,100	2.52
3230878	25HBB330C31	CAP**3617A**	58MEB080–16	30,000	11.5	14.0	30,000	3.74	8.3	19,300	2.54
3230911	25HBB330C31	CAP**3617A**	58MV(B,C)060–14	30,000	11.5	14.0	30,000	3.62	8.4	19,000	2.50
3230858	25HBB330C31	CAP**3617A**	58PH*070–16	30,000	11.5	13.5	30,000	3.62	8.2	19,300	2.48
3230910	25HBB330C31	CAP**3617A**+TDR		30,000	10.8	13.0	30,000	3.58	8.2	20,000	2.42
3230917	25HBB330C31	CAP**3621A**	58CV(A,X)110–20	30,000	11.5	14.0	30,000	3.60	8.2	19,000	2.50
3230914	25HBB330C31	CAP**3621A**	58MV(B,C)080–14	30,000	11.5	14.0	30,000	3.54	8.2	18,900	2.46
3230915	25HBB330C31	CAP**3621A**	58MV(B,C)080–20	30,000	11.5	14.0	30,000	3.58	8.2	19,000	2.48
3230916	25HBB330C31	CAP**3621A**	58MV(B,C)100–20	30,000	11.5	14.0	30,000	3.52	8.2	18,900	2.46
3230859	25HBB330C31	CAP**3621A**	58PH*090–16	30,000	11.5	14.0	30,000	3.70	8.5	19,200	2.52
3230913	25HBB330C31	CAP**3621A**+TDR		30,000	10.8	13.0	30,000	3.58	8.2	20,000	2.42
3230955	25HBB330C31	CNPF*3618A**+TDR		30,000	10.8	13.0	30,000	3.56	8.0	19,900	2.42
3230938	25HBB330C31	CNPH*3017A**	58CV(A,X)070–12	30,000	11.5	14.0	30,000	3.52	8.2	19,100	2.46
3230939	25HBB330C31	CNPH*3017A**	58CV(A,X)090–16	30,000	11.5	14.0	30,000	3.54	8.2	19,000	2.48
3230940	25HBB330C31	CNPH*3017A**	58CV(A,X)110–20	30,000	11.5	14.0	30,000	3.56	8.2	19,000	2.48
3230941	25HBB330C31	CNPH*3017A**	58CV(A,X)135–22	30,000	11.5	14.0	30,000	3.56	8.2	19,000	2.48
3230942	25HBB330C31	CNPH*3017A**	58CV(A,X)155–22	30,000	11.5	14.0	30,000	3.56	8.2	19,000	2.48
3230887	25HBB330C31	CNPH*3017A**	58MEB040–12	30,000	11.5	14.0	30,000	3.64	8.3	19,100	2.50
3230888	25HBB330C31	CNPH*3017A**	58MEB060–12	30,000	11.5	14.0	30,000	3.66	8.3	19,200	2.52
3230889	25HBB330C31	CNPH*3017A**	58MEB080–12	30,000	11.5	14.0	30,000	3.62	8.3	19,100	2.50
3230890	25HBB330C31	CNPH*3017A**	58MEB080–16	30,000	11.5	14.0	30,000	3.68	8.3	19,300	2.52
3230932	25HBB330C31	CNPH*3017A**	58MV(B,C)040–14	30,000	11.5	14.0	30,000	3.52	8.2	19,000	2.46
3230933	25HBB330C31	CNPH*3017A**	58MV(B,C)060–14	30,000	11.5	14.0	30,000	3.58	8.2	19,100	2.48
3230934	25HBB330C31	CNPH*3017A**	58MV(B,C)080–14	30,000	11.5	14.0	30,000	3.50	8.0	19,000	2.44
3230935	25HBB330C31	CNPH*3017A**	58MV(B,C)080–20	30,000	11.5	14.0	30,000	3.54	8.2	19,000	2.46
3230936	25HBB330C31	CNPH*3017A**	58MV(B,C)100–20	30,000	11.5	14.0	30,000	3.46	8.0	18,900	2.44
3230937	25HBB330C31	CNPH*3017A**	58MV(B,C)120–20	30,000	11.5	14.0	30,000	3.56	8.2	19,000	2.48
3230863	25HBB330C31	CNPH*3017A**	58PH*070–16	30,000	11.5	13.5	30,000	3.58	8.2	19,300	2.46
3230864	25HBB330C31	CNPH*3017A**	58PH*090–16	30,000	11.5	14.0	30,000	3.60	8.2	19,100	2.48
3230931	25HBB330C31	CNPH*3017A**+TDR		30,000	10.8	13.0	30,000	3.56	8.0	19,900	2.42
3230950	25HBB330C31	CNPH*3617A**	58CV(A,X)070–12	30,000	11.5	14.0	30,000	3.52	8.2	19,100	2.46
3230951	25HBB330C31	CNPH*3617A**	58CV(A,X)090–16	30,000	11.5	14.0	30,000	3.54	8.2	19,000	2.48
3230952	25HBB330C31	CNPH*3617A**	58CV(A,X)110–20	30,000	11.5	14.0	30,000	3.56	8.2	19,000	2.48
3230953	25HBB330C31	CNPH*3617A**	58CV(A,X)135–22	30,000	11.5	14.0	30,000	3.56	8.2	19,000	2.48
3230954	25HBB330C31	CNPH*3617A**	58CV(A,X)155–22	30,000	11.5	14.0	30,000	3.56	8.2	19,000	2.48
3230891	25HBB330C31	CNPH*3617A**	58MEB040–12	30,000	11.5	14.0	30,000	3.64	8.3	19,100	2.50
3230892	25HBB330C31	CNPH*3617A**	58MEB060–12	30,000	11.5	14.0	30,000	3.66	8.3	19,200	2.52
3230893	25HBB330C31	CNPH*3617A**	58MEB080–12	30,000	11.5	14.0	30,000	3.62	8.3	19,100	2.50
3230894	25HBB330C31	CNPH*3617A**	58MEB080–16	30,000	11.5	14.0	30,000	3.68	8.3	19,300	2.52
3230944	25HBB330C31	CNPH*3617A**	58MV(B,C)040–14	30,000	11.5	14.0	30,000	3.52	8.2	19,000	2.46
3230945	25HBB330C31	CNPH*3617A**	58MV(B,C)060–14	30,000	11.5	14.0	30,000	3.58	8.2	19,100	2.48
3230946	25HBB330C31	CNPH*3617A**	58MV(B,C)080–14	30,000	11.5	14.0	30,000	3.50	8.0	19,000	2.44
3230947	25HBB330C31	CNPH*3617A**	58MV(B,C)080–20	30,000	11.5	14.0	30,000	3.54	8.2	19,000	2.46
3230948	25HBB330C31	CNPH*3617A**	58MV(B,C)100–20	30,000	11.5	14.0	30,000	3.46	8.0	18,900	2.44
3230949	25HBB330C31	CNPH*3617A**	58MV(B,C)120–20	30,000	11.5	14.0	30,000	3.56	8.2	19,000	2.48
3230865	25HBB330C31	CNPH*3617A**	58PH*070–16	30,000	11.5	13.5	30,000	3.58	8.2	19,300	2.46
3230866	25HBB330C31	CNPH*3617A**	58PH*090–16	30,000	11.5	14.0	30,000	3.60	8.2	19,100	2.48
3230943	25HBB330C31	CNPH*3617A**+TDR		30,000	10.8	13.0	30,000	3.56	8.0	19,900	2.42
3230919	25HBB330C31	CNPV*3014A**	58CV(A,X)070–12	30,000	11.0	13.5	30,000	3.50	8.0	19,100	2.44
3230918	25HBB330C31	CNPV*3014A**+TDR		30,000	10.8	13.0	30,000	3.56	8.0	19,900	2.42
3230922	25HBB330C31	CNPV*3017A**	58CV(A,X)090–16	30,000	11.5	14.0	30,000	3.54	8.2	19,000	2.48
3230879	25HBB330C31	CNPV*3017A**	58MEB040–12	30,000	11.5	14.0	30,000	3.64	8.3	19,100	2.50
3230880	25HBB330C31	CNPV*3017A**	58MEB060–12	30,000	11.5	14.0	30,000	3.66	8.3	19,200	2.52
3230881	25HBB330C31	CNPV*3017A**	58MEB080–12	30,000	11.5	14.0	30,000	3.62	8.3	19,100	2.50

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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
3230882	25HBB330C31	CNPV*3017A**	58MEB080–16	30,000	11.5	14.0	30,000	3.68	8.3	19,300	2.52
3230921	25HBB330C31	CNPV*3017A**	58MV(B,C)060–14	30,000	11.5	14.0	30,000	3.58	8.2	19,100	2.48
3230860	25HBB330C31	CNPV*3017A**	58PH*070–16	30,000	11.5	13.5	30,000	3.58	8.2	19,300	2.46
3230920	25HBB330C31	CNPV*3017A**+TDR		30,000	10.8	13.0	30,000	3.56	8.0	19,900	2.42
3230925	25HBB330C31	CNPV*3617A**	58CV(A,X)090–16	30,000	11.5	14.0	30,000	3.54	8.2	19,000	2.48
3230883	25HBB330C31	CNPV*3617A**	58MEB040–12	30,000	11.5	14.0	30,000	3.64	8.3	19,100	2.50
3230884	25HBB330C31	CNPV*3617A**	58MEB060–12	30,000	11.5	14.0	30,000	3.66	8.3	19,200	2.52
3230885	25HBB330C31	CNPV*3617A**	58MEB080–12	30,000	11.5	14.0	30,000	3.62	8.3	19,100	2.50
3230886	25HBB330C31	CNPV*3617A**	58MEB080–16	30,000	11.5	14.0	30,000	3.68	8.3	19,300	2.52
3230924	25HBB330C31	CNPV*3617A**	58MV(B,C)060–14	30,000	11.5	14.0	30,000	3.58	8.2	19,100	2.48
3230861	25HBB330C31	CNPV*3617A**	58PH*070–16	30,000	11.5	13.5	30,000	3.58	8.2	19,300	2.46
3230923	25HBB330C31	CNPV*3617A**+TDR		30,000	10.8	13.0	30,000	3.56	8.0	19,900	2.42
3230930	25HBB330C31	CNPV*3621A**	58CV(A,X)110–20	30,000	11.5	14.0	30,000	3.56	8.2	19,000	2.48
3230927	25HBB330C31	CNPV*3621A**	58MV(B,C)080–14	30,000	11.5	14.0	30,000	3.50	8.0	19,000	2.46
3230928	25HBB330C31	CNPV*3621A**	58MV(B,C)080–20	30,000	11.5	14.0	30,000	3.54	8.2	19,000	2.46
3230929	25HBB330C31	CNPV*3621A**	58MV(B,C)100–20	30,000	11.5	14.0	30,000	3.46	8.0	18,900	2.44
3230862	25HBB330C31	CNPV*3621A**	58PH*090–16	30,000	11.5	14.0	30,000	3.60	8.2	19,200	2.48
3230926	25HBB330C31	CNPV*3621A**+TDR		30,000	10.8	13.0	30,000	3.56	8.0	19,900	2.42
3230963	25HBB330C31	CSPH*3012A**	58CV(A,X)070–12	30,000	11.5	14.0	30,000	3.54	8.2	19,100	2.46
3230964	25HBB330C31	CSPH*3012A**	58CV(A,X)090–16	30,000	11.5	14.0	30,000	3.56	8.2	19,000	2.48
3230965	25HBB330C31	CSPH*3012A**	58CV(A,X)110–20	30,000	11.5	14.0	30,000	3.58	8.3	19,100	2.48
3230966	25HBB330C31	CSPH*3012A**	58CV(A,X)135–22	30,000	11.5	14.0	30,000	3.58	8.3	19,000	2.48
3230967	25HBB330C31	CSPH*3012A**	58CV(A,X)155–22	30,000	11.5	14.0	30,000	3.58	8.3	19,000	2.48
3230895	25HBB330C31	CSPH*3012A**	58MEB040–12	30,000	11.5	14.0	30,000	3.64	8.3	19,100	2.50
3230896	25HBB330C31	CSPH*3012A**	58MEB060–12	30,000	11.5	14.0	30,000	3.66	8.3	19,200	2.50
3230897	25HBB330C31	CSPH*3012A**	58MEB080–12	30,000	11.5	14.0	30,000	3.62	8.3	19,100	2.50
3230898	25HBB330C31	CSPH*3012A**	58MEB080–16	30,000	11.5	14.0	30,000	3.68	8.3	19,300	2.52
3230957	25HBB330C31	CSPH*3012A**	58MV(B,C)040–14	30,000	11.5	14.0	30,000	3.54	8.2	19,100	2.46
3230958	25HBB330C31	CSPH*3012A**	58MV(B,C)060–14	30,000	11.5	14.0	30,000	3.62	8.2	19,100	2.48
3230959	25HBB330C31	CSPH*3012A**	58MV(B,C)080–14	30,000	11.5	14.0	30,000	3.52	8.2	19,000	2.44
3230960	25HBB330C31	CSPH*3012A**	58MV(B,C)080–20	30,000	11.5	14.0	30,000	3.56	8.2	19,100	2.46
3230961	25HBB330C31	CSPH*3012A**	58MV(B,C)100–20	30,000	11.5	14.0	30,000	3.48	8.0	19,000	2.44
3230962	25HBB330C31	CSPH*3012A**	58MV(B,C)120–20	30,000	11.5	14.0	30,000	3.58	8.2	19,000	2.48
3230867	25HBB330C31	CSPH*3012A**	58PH*070–16	30,000	11.5	13.5	30,000	3.58	8.2	19,300	2.46
3230868	25HBB330C31	CSPH*3012A**	58PH*090–16	30,000	11.5	14.0	30,000	3.58	8.2	19,100	2.48
3230956	25HBB330C31	CSPH*3012A**+TDR		30,000	10.8	13.0	30,000	3.58	8.2	20,000	2.42
3230975	25HBB330C31	CSPH*3612A**	58CV(A,X)070–12	30,000	11.5	14.0	30,000	3.68	8.5	19,200	2.52
3230976	25HBB330C31	CSPH*3612A**	58CV(A,X)090–16	30,000	12.0	14.5	30,000	3.70	8.5	19,100	2.52
3230977	25HBB330C31	CSPH*3612A**	58CV(A,X)110–20	30,000	12.0	14.5	30,000	3.72	8.5	19,100	2.54
3230978	25HBB330C31	CSPH*3612A**	58CV(A,X)135–22	30,000	12.0	14.5	30,000	3.72	8.6	19,100	2.54
3230979	25HBB330C31	CSPH*3612A**	58CV(A,X)155–22	30,000	12.0	14.5	30,000	3.74	8.6	19,100	2.54
3230899	25HBB330C31	CSPH*3612A**	58MEB040–12	30,000	12.0	14.5	30,000	3.82	8.5	19,300	2.58
3230900	25HBB330C31	CSPH*3612A**	58MEB060–12	30,000	12.0	14.5	30,000	3.82	8.5	19,300	2.58
3230901	25HBB330C31	CSPH*3612A**	58MEB080–12	30,000	12.0	14.5	30,000	3.80	8.5	19,200	2.56
3230902	25HBB330C31	CSPH*3612A**	58MEB080–16	30,000	12.0	14.5	30,000	3.86	8.5	19,400	2.58
3230969	25HBB330C31	CSPH*3612A**	58MV(B,C)040–14	30,000	11.5	14.0	30,000	3.68	8.4	19,200	2.50
3230970	25HBB330C31	CSPH*3612A**	58MV(B,C)060–14	30,000	12.0	14.5	30,000	3.76	8.6	19,200	2.54
3230971	25HBB330C31	CSPH*3612A**	58MV(B,C)080–14	30,000	11.5	14.0	30,000	3.66	8.4	19,100	2.50
3230972	25HBB330C31	CSPH*3612A**	58MV(B,C)080–20	30,000	11.5	14.0	30,000	3.70	8.5	19,100	2.52
3230973	25HBB330C31	CSPH*3612A**	58MV(B,C)100–20	30,000	11.5	14.0	30,000	3.62	8.4	19,000	2.48
3230974	25HBB330C31	CSPH*3612A**	58MV(B,C)120–20	30,000	12.0	14.5	30,000	3.72	8.5	19,100	2.54
3230869	25HBB330C31	CSPH*3612A**	58PH*070–16	30,000	11.5	14.0	30,000	3.74	8.6	19,400	2.52
3230870	25HBB330C31	CSPH*3612A**	58PH*090–16	30,000	11.5	14.0	30,000	3.78	8.6	19,300	2.56
3230968	25HBB330C31	CSPH*3612A**+TDR		30,000	10.8	13.0	30,000	3.68	8.4	20,000	2.46
3230991	25HBB336C31	†FY4ANF036		34,000	10.8	13.0	36,000	3.52	8.2	22,400	2.46
3231140	25HBB336C31	FE4AN(B,F)003+UI		34,200	12.0	14.5	34,600	3.64	8.6	21,200	2.60
3231141	25HBB336C31	FE4AN(B,F)005+UI		35,400	12.0	15.0	34,200	3.88	9.0	21,400	2.70
3231139	25HBB336C31	FE4ANF002+UI		33,800	11.5	14.0	35,000	3.62	8.5	21,400	2.56
3231142	25HBB336C31	FF1ENP036		33,800	10.5	13.0	36,000	3.48	8.2	22,200	2.46
3231144	25HBB336C31	FV4BN(B,F)003		34,200	12.0	14.5	34,600	3.64	8.6	21,200	2.60
3231145	25HBB336C31	FV4BN(B,F)005		35,400	12.0	15.0	34,200	3.88	9.0	21,400	2.70
3231143	25HBB336C31	FV4BNF002		33,800	11.5	14.0	35,000	3.62	8.5	21,400	2.56
3231137	25HBB336C31	FX4CN(B,F)036		34,400	11.5	14.0	35,400	3.68	8.6	21,800	2.58
3231138	25HBB336C31	FX4CN(B,F)042		35,000	11.5	14.0	35,600	3.78	8.6	22,000	2.62
3231136	25HBB336C31	FY4ANF042		34,600	10.8	13.0	36,000	3.64	8.4	22,400	2.52
3231055	25HBB336C31	CAP**3614A**	58CV(A,X)070–12	33,600	11.0	13.5	34,800	3.52	8.3	21,400	2.52
3231054	25HBB336C31	CAP**3614A**		33,600	10.8	13.0	35,800	3.48	8.2	22,000	2.48
3231058	25HBB336C31	CAP**3617A**	58CV(A,X)090–16	33,800	11.7	14.0	34,600	3.58	8.4	21,200	2.56
3231014	25HBB336C31	CAP**3617A**	58MEB040–12	34,000	11.5	14.0	35,000	3.62	8.3	21,400	2.58
3231015	25HBB336C31	CAP**3617A**	58MEB060–12	34,200	11.5	14.0	35,000	3.62	8.4	21,400	2.58
3231016	25HBB336C31	CAP**3617A**	58MEB080–12	34,000	11.5	14.0	34,800	3.62	8.3	21,400	2.58
3231017	25HBB336C31	CAP**3617A**	58MEB080–16	34,200	11.5	14.0	35,000	3.62	8.4	21,400	2.58
3231057	25HBB336C31	CAP**3617A**	58MV(B,C)060–14	34,000	11.5	14.0	34,800	3.60	8.5	21,400	2.56
3230992	25HBB336C31	CAP**3617A**	58PH*070–16	33,800	11.5	13.5	35,000	3.54	8.4	21,600	2.52
3231056	25HBB336C31	CAP**3617A**+TDR		34,000	10.8	13.0	36,000	3.54	8.2	22,200	2.48
3231063	25HBB336C31	CAP**3621A**	58CV(A,X)110–20	34,000	11.7	14.0	34,600	3.60	8.5	21,200	2.58
3231018	25HBB336C31	CAP**3621A**	58MEB100–20	34,200	12.0	14.5	34,800	3.64	8.4	21,200	2.60
3231060	25HBB336C31	CAP**3621A**	58MV(B,C)080–14	33,800	11.5	13.5	34,800	3.56	8.4	21,400	2.54
3231061	25HBB336C31	CAP**3621A**	58MV(B,C)080–20	33,800	11.7	14.0	34,600	3.56	8.4	21,200	2.56

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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
3231062	25HBB336C31	CAP**3621A**	58MV(B,C)100–20	34,000	11.7	14.0	34,800	3.60	8.5	21,200	2.56
3230993	25HBB336C31	CAP**3621A**	58PH*090–16	34,200	11.7	14.0	34,800	3.66	8.6	21,400	2.60
3230994	25HBB336C31	CAP**3621A**	58PH*110–20	34,400	12.0	14.0	34,800	3.70	8.7	21,400	2.62
3231059	25HBB336C31	CAP**3621A**+TDR		34,000	10.8	13.0	36,000	3.54	8.2	22,200	2.48
3231068	25HBB336C31	CAP**4221A**	58CV(A,X)110–20	34,200	11.7	14.0	34,800	3.64	8.6	21,200	2.60
3231019	25HBB336C31	CAP**4221A**	58MEB100–20	34,200	12.0	14.5	34,800	3.70	8.5	21,200	2.62
3231065	25HBB336C31	CAP**4221A**	58MV(B,C)080–14	34,200	11.7	14.0	35,000	3.62	8.5	21,400	2.56
3231066	25HBB336C31	CAP**4221A**	58MV(B,C)080–20	34,000	11.7	14.0	34,800	3.62	8.5	21,400	2.58
3231067	25HBB336C31	CAP**4221A**	58MV(B,C)100–20	34,200	11.7	14.0	34,800	3.64	8.6	21,400	2.58
3230995	25HBB336C31	CAP**4221A**	58PH*090–16	34,400	12.0	14.0	34,800	3.72	8.7	21,400	2.62
3230996	25HBB336C31	CAP**4221A**	58PH*110–20	34,600	12.0	14.5	35,000	3.74	8.8	21,400	2.64
3231064	25HBB336C31	CAP**4221A**+TDR		34,200	10.8	13.0	36,000	3.58	8.4	22,400	2.50
3231072	25HBB336C31	CAP**4224A**	58CV(A,X)135–22	34,200	12.0	14.5	34,600	3.66	8.6	21,200	2.60
3231073	25HBB336C31	CAP**4224A**	58CV(A,X)155–22	34,400	12.0	14.5	34,600	3.68	8.6	21,200	2.62
3231070	25HBB336C31	CAP**4224A**	58MV(B,C)040–14	34,000	11.7	14.0	34,800	3.58	8.4	21,400	2.56
3231071	25HBB336C31	CAP**4224A**	58MV(B,C)120–20	34,200	12.0	14.0	34,600	3.64	8.6	21,200	2.60
3231069	25HBB336C31	CAP**4224A**+TDR		34,200	10.8	13.0	36,000	3.58	8.4	22,400	2.50
3231111	25HBB336C31	CNPF*3618A**+TDR		33,800	10.8	13.0	36,000	3.52	8.2	22,200	2.48
3231094	25HBB336C31	CNPH*3617A**	58CV(A,X)070–12	33,600	11.5	13.5	34,800	3.50	8.3	21,400	2.52
3231095	25HBB336C31	CNPH*3617A**	58CV(A,X)090–16	33,800	11.7	14.0	34,600	3.54	8.4	21,200	2.54
3231096	25HBB336C31	CNPH*3617A**	58CV(A,X)110–20	33,800	11.7	14.0	34,800	3.56	8.4	21,200	2.54
3231097	25HBB336C31	CNPH*3617A**	58CV(A,X)135–22	33,800	11.7	14.0	34,600	3.56	8.4	21,200	2.54
3231098	25HBB336C31	CNPH*3617A**	58CV(A,X)155–22	33,800	11.7	14.0	34,600	3.58	8.4	21,200	2.56
3231034	25HBB336C31	CNPH*3617A**	58MEB040–12	34,000	11.5	14.0	34,800	3.58	8.3	21,400	2.56
3231035	25HBB336C31	CNPH*3617A**	58MEB060–12	34,000	11.5	14.0	35,000	3.58	8.3	21,400	2.56
3231036	25HBB336C31	CNPH*3617A**	58MEB080–12	33,800	11.5	14.0	34,800	3.56	8.3	21,400	2.56
3231037	25HBB336C31	CNPH*3617A**	58MEB080–16	34,000	11.5	14.0	35,000	3.58	8.3	21,400	2.56
3231038	25HBB336C31	CNPH*3617A**	58MEB100–20	33,800	11.5	14.0	34,600	3.56	8.3	21,200	2.56
3231088	25HBB336C31	CNPH*3617A**	58MV(B,C)040–14	33,600	11.5	13.5	34,800	3.50	8.3	21,400	2.50
3231089	25HBB336C31	CNPH*3617A**	58MV(B,C)060–14	33,800	11.5	13.5	35,000	3.56	8.4	21,400	2.54
3231090	25HBB336C31	CNPH*3617A**	58MV(B,C)080–14	33,800	11.5	13.5	35,000	3.52	8.3	21,400	2.52
3231091	25HBB336C31	CNPH*3617A**	58MV(B,C)080–20	33,600	11.5	13.5	34,800	3.52	8.3	21,400	2.52
3231092	25HBB336C31	CNPH*3617A**	58MV(B,C)100–20	33,800	11.5	13.5	34,800	3.56	8.4	21,400	2.54
3231093	25HBB336C31	CNPH*3617A**	58MV(B,C)120–20	33,800	11.7	14.0	34,600	3.54	8.4	21,200	2.54
3231002	25HBB336C31	CNPH*3617A**	58PH*070–16	33,600	11.0	13.5	35,000	3.50	8.3	21,600	2.50
3231003	25HBB336C31	CNPH*3617A**	58PH*090–16	34,000	11.7	14.0	34,800	3.58	8.4	21,200	2.56
3231004	25HBB336C31	CNPH*3617A**	58PH*110–20	34,000	11.7	14.0	34,800	3.60	8.5	21,200	2.58
3231087	25HBB336C31	CNPH*3617A**+TDR		33,800	10.8	13.0	36,000	3.52	8.2	22,200	2.48
3231106	25HBB336C31	CNPH*4221A**	58CV(A,X)070–12	34,000	11.5	14.0	35,000	3.60	8.5	21,400	2.56
3231107	25HBB336C31	CNPH*4221A**	58CV(A,X)090–16	34,200	11.7	14.0	34,800	3.64	8.5	21,200	2.58
3231108	25HBB336C31	CNPH*4221A**	58CV(A,X)110–20	34,200	11.7	14.0	34,800	3.64	8.6	21,400	2.58
3231109	25HBB336C31	CNPH*4221A**	58CV(A,X)135–22	34,200	12.0	14.0	34,800	3.64	8.6	21,200	2.60
3231110	25HBB336C31	CNPH*4221A**	58CV(A,X)155–22	34,200	12.0	14.5	34,600	3.68	8.6	21,200	2.60
3231039	25HBB336C31	CNPH*4221A**	58MEB040–12	34,400	12.0	14.0	35,000	3.68	8.4	21,400	2.60
3231040	25HBB336C31	CNPH*4221A**	58MEB060–12	34,400	11.5	14.0	35,200	3.68	8.4	21,600	2.60
3231041	25HBB336C31	CNPH*4221A**	58MEB080–12	34,400	11.5	14.0	35,000	3.68	8.4	21,400	2.60
3231042	25HBB336C31	CNPH*4221A**	58MEB080–16	34,400	11.5	14.0	35,200	3.68	8.4	21,600	2.60
3231043	25HBB336C31	CNPH*4221A**	58MEB100–20	34,200	12.0	14.5	34,800	3.66	8.4	21,200	2.60
3231100	25HBB336C31	CNPH*4221A**	58MV(B,C)040–14	34,000	11.5	13.5	35,000	3.58	8.4	21,400	2.54
3231101	25HBB336C31	CNPH*4221A**	58MV(B,C)060–14	34,400	11.7	14.0	35,000	3.66	8.6	21,400	2.58
3231102	25HBB336C31	CNPH*4221A**	58MV(B,C)080–14	34,200	11.5	13.5	35,000	3.62	8.5	21,400	2.56
3231103	25HBB336C31	CNPH*4221A**	58MV(B,C)080–20	34,000	11.7	14.0	34,800	3.62	8.5	21,400	2.56
3231104	25HBB336C31	CNPH*4221A**	58MV(B,C)100–20	34,200	11.7	14.0	35,000	3.64	8.6	21,400	2.58
3231105	25HBB336C31	CNPH*4221A**	58MV(B,C)120–20	34,200	11.7	14.0	34,800	3.64	8.5	21,200	2.58
3231005	25HBB336C31	CNPH*4221A**	58PH*070–16	34,200	11.5	13.5	35,200	3.60	8.5	21,600	2.56
3231006	25HBB336C31	CNPH*4221A**	58PH*090–16	34,400	11.7	14.0	34,800	3.68	8.6	21,400	2.60
3231007	25HBB336C31	CNPH*4221A**	58PH*110–20	34,600	12.0	14.0	34,800	3.72	8.7	21,400	2.62
3231099	25HBB336C31	CNPH*4221A**+TDR		34,200	10.8	13.0	36,000	3.60	8.4	22,400	2.52
3231076	25HBB336C31	CNPV*3617A**	58CV(A,X)090–16	33,800	11.7	14.0	34,600	3.54	8.4	21,200	2.54
3231020	25HBB336C31	CNPV*3617A**	58MEB040–12	34,000	11.5	14.0	34,800	3.58	8.3	21,400	2.56
3231021	25HBB336C31	CNPV*3617A**	58MEB060–12	34,000	11.5	14.0	35,000	3.58	8.3	21,400	2.56
3231022	25HBB336C31	CNPV*3617A**	58MEB080–12	33,800	11.5	14.0	34,800	3.56	8.3	21,400	2.56
3231023	25HBB336C31	CNPV*3617A**	58MEB080–16	34,000	11.5	14.0	35,000	3.58	8.3	21,400	2.56
3231075	25HBB336C31	CNPV*3617A**	58MV(B,C)060–14	33,800	11.5	13.5	35,000	3.56	8.4	21,400	2.54
3230997	25HBB336C31	CNPV*3617A**	58PH*070–16	33,600	11.0	13.5	35,000	3.50	8.3	21,600	2.50
3231074	25HBB336C31	CNPV*3617A**+TDR		33,800	10.8	13.0	36,000	3.52	8.2	22,200	2.48
3231081	25HBB336C31	CNPV*3621A**	58CV(A,X)110–20	33,800	11.7	14.0	34,600	3.56	8.4	21,200	2.54
3231024	25HBB336C31	CNPV*3621A**	58MEB100–20	33,800	11.5	14.0	34,600	3.56	8.3	21,200	2.56
3231078	25HBB336C31	CNPV*3621A**	58MV(B,C)080–14	33,800	11.5	13.5	35,000	3.52	8.3	21,400	2.52
3231079	25HBB336C31	CNPV*3621A**	58MV(B,C)080–20	33,800	11.5	13.5	34,800	3.52	8.3	21,400	2.52
3231080	25HBB336C31	CNPV*3621A**	58MV(B,C)100–20	33,800	11.5	13.5	34,800	3.56	8.4	21,400	2.54
3230998	25HBB336C31	CNPV*3621A**	58PH*090–16	34,000	11.7	14.0	34,800	3.60	8.5	21,200	2.56
3230999	25HBB336C31	CNPV*3621A**	58PH*110–20	34,000	11.7	14.0	34,800	3.62	8.5	21,200	2.58
3231077	25HBB336C31	CNPV*3621A**+TDR		33,800	10.8	13.0	36,000	3.52	8.2	22,200	2.48
3231027	25HBB336C31	CNPV*4217A**	58CV(A,X)090–16	34,400	12.0	14.0	35,000	3.70	8.4	21,400	2.60
3231029	25HBB336C31	CNPV*4217A**	58MEB040–12	34,600	12.0	14.0	35,200	3.74	8.5	21,400	2.62
3231030	25HBB336C31	CNPV*4217A**	58MEB060–12	34,600	12.0	14.0	35,200	3.74	8.5	21,600	2.62
3231031	25HBB336C31	CNPV*4217A**	58MEB080–12	34,600	12.0	14.0	35,200	3.72	8.5	21,400	2.62
3231032	25HBB336C31	CNPV*4217A**	58MEB080–16	34,600	12.0	14.0	35,200	3.74	8.5	21,600	2.62
3231026	25HBB336C31	CNPV*4217A**	58MV(B,C)060–14	34,600	11.5	14.0	35,200	3.72	8.5	21,600	2.62

See note on pg. 21

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
3231028	25HBB336C31	CNPV*4217A**	58PH*070–16	34,400	11.5	13.5	35,400	3.66	8.4	21,600	2.58
3231025	25HBB336C31	CNPV*4217A**+TDR		34,600	11.0	13.0	36,000	3.66	8.5	22,400	2.54
3231086	25HBB336C31	CNPV*4221A**	58CV(A,X)110–20	34,200	11.7	14.0	34,800	3.64	8.6	21,400	2.58
3231033	25HBB336C31	CNPV*4221A**	58MEB100–20	34,200	12.0	14.5	34,800	3.66	8.4	21,200	2.60
3231083	25HBB336C31	CNPV*4221A**	58MV(B,C)080–14	34,200	11.5	13.5	35,000	3.62	8.5	21,400	2.56
3231084	25HBB336C31	CNPV*4221A**	58MV(B,C)080–20	34,000	11.7	14.0	34,800	3.62	8.5	21,400	2.56
3231085	25HBB336C31	CNPV*4221A**	58MV(B,C)100–20	34,200	11.7	14.0	35,000	3.64	8.6	21,400	2.58
3231000	25HBB336C31	CNPV*4221A**	58PH*090–16	34,400	12.0	14.0	34,800	3.68	8.6	21,400	2.60
3231001	25HBB336C31	CNPV*4221A**	58PH*110–20	34,600	12.0	14.0	34,800	3.72	8.7	21,400	2.62
3231082	25HBB336C31	CNPV*4221A**+TDR		34,200	10.8	13.0	36,000	3.60	8.4	22,400	2.52
3231119	25HBB336C31	CSPH*3612A**	58CV(A,X)070–12	34,400	11.7	14.0	35,000	3.66	8.6	21,600	2.58
3231120	25HBB336C31	CSPH*3612A**	58CV(A,X)090–16	34,600	12.0	14.5	34,800	3.70	8.7	21,400	2.62
3231121	25HBB336C31	CSPH*3612A**	58CV(A,X)110–20	34,600	12.0	14.5	35,000	3.72	8.7	21,400	2.62
3231122	25HBB336C31	CSPH*3612A**	58CV(A,X)135–22	34,600	12.0	14.5	34,800	3.72	8.7	21,400	2.62
3231123	25HBB336C31	CSPH*3612A**	58CV(A,X)155–22	34,800	12.0	14.5	34,800	3.74	8.7	21,200	2.64
3231044	25HBB336C31	CSPH*3612A**	58MEB040–12	34,800	12.0	14.5	35,200	3.76	8.5	21,600	2.64
3231045	25HBB336C31	CSPH*3612A**	58MEB060–12	34,800	11.5	14.0	35,400	3.76	8.5	21,600	2.64
3231046	25HBB336C31	CSPH*3612A**	58MEB080–12	34,800	12.0	14.0	35,200	3.74	8.5	21,600	2.62
3231047	25HBB336C31	CSPH*3612A**	58MEB080–16	34,800	12.0	14.0	35,400	3.76	8.5	21,600	2.64
3231048	25HBB336C31	CSPH*3612A**	58MEB100–20	34,800	12.0	14.5	35,000	3.74	8.5	21,400	2.64
3231113	25HBB336C31	CSPH*3612A**	58MV(B,C)040–14	34,400	11.7	14.0	35,000	3.64	8.6	21,600	2.58
3231114	25HBB336C31	CSPH*3612A**	58MV(B,C)060–14	34,800	11.7	14.0	35,200	3.74	8.7	21,600	2.62
3231115	25HBB336C31	CSPH*3612A**	58MV(B,C)080–14	34,600	11.7	14.0	35,200	3.68	8.6	21,600	2.60
3231116	25HBB336C31	CSPH*3612A**	58MV(B,C)080–20	34,600	11.7	14.0	35,000	3.68	8.6	21,400	2.60
3231117	25HBB336C31	CSPH*3612A**	58MV(B,C)100–20	34,600	11.7	14.0	35,000	3.72	8.7	21,600	2.62
3231118	25HBB336C31	CSPH*3612A**	58MV(B,C)120–20	34,600	12.0	14.5	34,800	3.70	8.7	21,400	2.62
3231008	25HBB336C31	CSPH*3612A**	58PH*070–16	34,600	11.5	14.0	35,400	3.68	8.6	21,600	2.58
3231009	25HBB336C31	CSPH*3612A**	58PH*090–16	34,800	12.0	14.5	35,000	3.76	8.8	21,400	2.64
3231010	25HBB336C31	CSPH*3612A**	58PH*110–20	35,000	12.0	14.5	35,000	3.80	8.8	21,400	2.66
3231112	25HBB336C31	CSPH*3612A**+TDR		34,800	10.8	13.0	36,000	3.68	8.4	22,400	2.54
3231131	25HBB336C31	CSPH*4212A**	58CV(A,X)070–12	34,600	11.7	14.0	35,200	3.70	8.7	21,600	2.60
3231132	25HBB336C31	CSPH*4212A**	58CV(A,X)090–16	34,800	12.0	14.5	35,000	3.74	8.7	21,400	2.64
3231133	25HBB336C31	CSPH*4212A**	58CV(A,X)110–20	34,800	12.0	14.5	35,000	3.76	8.8	21,400	2.64
3231134	25HBB336C31	CSPH*4212A**	58CV(A,X)135–22	34,800	12.0	14.5	34,800	3.76	8.8	21,400	2.64
3231135	25HBB336C31	CSPH*4212A**	58CV(A,X)155–22	35,000	12.0	14.5	34,800	3.80	8.8	21,200	2.66
3231049	25HBB336C31	CSPH*4212A**	58MEB040–12	35,000	12.0	14.5	35,400	3.82	8.5	21,600	2.66
3231050	25HBB336C31	CSPH*4212A**	58MEB060–12	35,200	12.0	14.5	35,400	3.84	8.5	21,600	2.66
3231051	25HBB336C31	CSPH*4212A**	58MEB080–12	35,000	12.0	14.5	35,400	3.80	8.5	21,600	2.66
3231052	25HBB336C31	CSPH*4212A**	58MEB080–16	35,200	12.0	14.5	35,400	3.82	8.5	21,600	2.66
3231053	25HBB336C31	CSPH*4212A**	58MEB100–20	35,000	12.0	14.5	35,000	3.80	8.5	21,400	2.66
3231125	25HBB336C31	CSPH*4212A**	58MV(B,C)040–14	34,600	11.7	14.0	35,200	3.68	8.6	21,600	2.60
3231126	25HBB336C31	CSPH*4212A**	58MV(B,C)060–14	35,000	12.0	14.5	35,200	3.78	8.8	21,600	2.64
3231127	25HBB336C31	CSPH*4212A**	58MV(B,C)080–14	34,800	11.7	14.0	35,200	3.74	8.7	21,600	2.62
3231128	25HBB336C31	CSPH*4212A**	58MV(B,C)080–20	34,800	11.7	14.0	35,000	3.72	8.7	21,400	2.62
3231129	25HBB336C31	CSPH*4212A**	58MV(B,C)100–20	34,800	12.0	14.5	35,200	3.76	8.8	21,600	2.64
3231130	25HBB336C31	CSPH*4212A**	58MV(B,C)120–20	34,800	12.0	14.5	35,000	3.76	8.8	21,400	2.64
3231011	25HBB336C31	CSPH*4212A**	58PH*070–16	34,800	11.7	14.0	35,400	3.74	8.7	21,800	2.60
3231012	25HBB336C31	CSPH*4212A**	58PH*090–16	35,200	12.0	14.5	35,000	3.82	8.8	21,600	2.66
3231013	25HBB336C31	CSPH*4212A**	58PH*110–20	35,200	12.0	14.5	35,200	3.86	9.0	21,600	2.68
3231124	25HBB336C31	CSPH*4212A**+TDR		35,000	11.0	13.0	36,000	3.74	8.7	22,400	2.56
3231146	25HBB342C31	†FY4ANF042		41,500	11.0	13.0	42,000	3.40	8.0	27,200	2.54
3231308	25HBB342C31	FE4AN(B,F)003+UI		40,500	12.0	14.5	41,500	3.50	8.2	25,800	2.60
3231309	25HBB342C31	FE4AN(B,F)005+UI		42,000	12.5	15.0	37,000	3.42	8.2	26,000	2.70
3231310	25HBB342C31	FV4BN(B,F)003		40,500	12.0	14.5	41,500	3.50	8.2	25,800	2.60
3231311	25HBB342C31	FV4BN(B,F)005		42,000	12.5	15.0	37,000	3.42	8.2	26,000	2.70
3231306	25HBB342C31	FX4CN(B,F)042		42,000	11.7	14.0	42,000	3.54	8.4	26,600	2.62
3231307	25HBB342C31	FX4CN(B,F)048		42,000	12.0	15.0	35,000	3.24	8.2	26,600	2.68
3231305	25HBB342C31	FY4ANF048		42,000	11.0	13.0	35,000	3.10	7.7	27,400	2.56
3231222	25HBB342C31	CAP**4221A**	58CV(A,X)110–20	40,500	12.0	14.0	41,500	3.52	8.3	26,000	2.60
3231175	25HBB342C31	CAP**4221A**	58MEB100–20	41,000	12.0	14.0	42,000	3.56	8.2	26,000	2.62
3231219	25HBB342C31	CAP**4221A**	58MV(B,C)080–14	40,500	11.5	13.5	42,000	3.48	8.2	26,200	2.56
3231220	25HBB342C31	CAP**4221A**	58MV(B,C)080–20	40,500	11.7	13.5	42,000	3.50	8.2	26,200	2.56
3231221	25HBB342C31	CAP**4221A**	58MV(B,C)100–20	40,500	11.7	14.0	41,500	3.48	8.2	26,000	2.56
3231147	25HBB342C31	CAP**4221A**	58PH*090–16	40,500	12.0	14.0	42,000	3.54	8.3	26,000	2.60
3231148	25HBB342C31	CAP**4221A**	58PH*110–20	41,000	12.0	14.0	42,000	3.56	8.3	26,000	2.62
3231218	25HBB342C31	CAP**4221A**+TDR		41,000	11.0	13.0	42,000	3.44	8.0	27,000	2.52
3231226	25HBB342C31	CAP**4224A**	58CV(A,X)135–22	40,500	12.0	14.5	41,500	3.56	8.3	25,800	2.62
3231227	25HBB342C31	CAP**4224A**	58CV(A,X)155–22	40,500	12.0	14.5	41,500	3.56	8.3	25,800	2.62
3231176	25HBB342C31	CAP**4224A**	58MEB120–20	41,000	12.0	14.5	42,000	3.58	8.4	26,000	2.64
3231224	25HBB342C31	CAP**4224A**	58MV(B,C)040–14	40,500	11.5	13.5	42,000	3.48	8.2	26,200	2.56
3231225	25HBB342C31	CAP**4224A**	58MV(B,C)120–20	40,500	12.0	14.0	41,500	3.52	8.3	26,000	2.60
3231149	25HBB342C31	CAP**4224A**	58PH*135–20	41,000	12.0	14.0	42,000	3.56	8.3	26,000	2.62
3231223	25HBB342C31	CAP**4224A**+TDR		41,000	11.0	13.0	42,000	3.44	8.0	27,000	2.52
3231230	25HBB342C31	CAP**4817A**	58CV(A,X)090–16	41,500	12.0	14.5	38,000	3.44	8.0	26,400	2.66
3231177	25HBB342C31	CAP**4817A**	58MEB040–12	42,000	12.0	14.5	36,000	3.36	8.0	26,600	2.66
3231178	25HBB342C31	CAP**4817A**	58MEB060–12	42,000	12.0	14.0	36,000	3.36	8.0	26,600	2.66
3231179	25HBB342C31	CAP**4817A**	58MEB080–12	42,000	12.0	14.5	36,000	3.38	8.0	26,600	2.66
3231180	25HBB342C31	CAP**4817A**	58MEB080–16	41,500	12.0	14.5	36,000	3.42	8.0	26,400	2.66
3231229	25HBB342C31	CAP**4817A**	58MV(B,C)060–14	42,000	12.0	14.5	37,000	3.36	8.0	26,600	2.66

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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
3231150	25HBB342C31	CAP**4817A**	58PH*070–16	41,500	11.5	13.5	37,000	3.30	8.0	26,800	2.60
3231228	25HBB342C31	CAP**4817A**+TDR		42,000	11.5	13.0	35,000	3.14	7.8	27,400	2.60
3231235	25HBB342C31	CAP**4821A**	58CV(A,X)110–20	41,500	12.0	14.5	41,500	3.56	8.5	26,200	2.66
3231181	25HBB342C31	CAP**4821A**	58MEB100–20	41,500	12.0	14.5	40,500	3.56	8.5	26,200	2.68
3231232	25HBB342C31	CAP**4821A**	58MV(B,C)080–14	41,000	11.7	14.0	41,500	3.50	8.4	26,400	2.62
3231233	25HBB342C31	CAP**4821A**	58MV(B,C)080–20	41,000	12.0	14.0	41,500	3.52	8.4	26,400	2.62
3231234	25HBB342C31	CAP**4821A**	58MV(B,C)100–20	41,000	12.0	14.0	42,000	3.56	8.4	26,200	2.62
3231151	25HBB342C31	CAP**4821A**	58PH*090–16	41,500	12.0	14.5	41,000	3.56	8.5	26,200	2.66
3231152	25HBB342C31	CAP**4821A**	58PH*110–20	41,500	12.0	14.5	40,500	3.56	8.5	26,200	2.68
3231231	25HBB342C31	CAP**4821A**+TDR		41,500	11.0	13.0	38,000	3.28	7.8	27,200	2.58
3231239	25HBB342C31	CAP**4824A**	58CV(A,X)135–22	41,500	12.0	14.5	41,500	3.60	8.5	26,000	2.68
3231240	25HBB342C31	CAP**4824A**	58CV(A,X)155–22	41,500	12.0	14.5	41,500	3.60	8.5	26,000	2.68
3231182	25HBB342C31	CAP**4824A**	58MEB120–20	41,500	12.0	14.5	40,000	3.56	8.5	26,200	2.70
3231237	25HBB342C31	CAP**4824A**	58MV(B,C)040–14	41,000	11.7	14.0	42,000	3.52	8.4	26,400	2.62
3231238	25HBB342C31	CAP**4824A**	58MV(B,C)120–20	41,500	12.0	14.5	41,500	3.58	8.5	26,200	2.66
3231153	25HBB342C31	CAP**4824A**	58PH*135–20	41,500	12.0	14.5	40,500	3.54	8.5	26,200	2.68
3231236	25HBB342C31	CAP**4824A**+TDR		41,500	11.0	13.0	38,000	3.28	7.8	27,200	2.58
3231280	25HBB342C31	CNPF*4818A**+TDR		41,500	11.0	13.0	42,000	3.46	8.2	27,200	2.56
3231263	25HBB342C31	CNPH*4221A**	58CV(A,X)070–12	40,500	11.5	13.5	42,000	3.46	8.1	26,200	2.54
3231264	25HBB342C31	CNPH*4221A**	58CV(A,X)090–16	40,500	11.7	14.0	41,500	3.50	8.2	26,000	2.58
3231265	25HBB342C31	CNPH*4221A**	58CV(A,X)110–20	40,500	11.7	14.0	42,000	3.52	8.2	26,000	2.58
3231266	25HBB342C31	CNPH*4221A**	58CV(A,X)135–22	41,000	12.0	14.0	41,500	3.54	8.3	26,000	2.60
3231267	25HBB342C31	CNPH*4221A**	58CV(A,X)155–22	40,500	12.0	14.0	41,500	3.54	8.3	26,000	2.60
3231194	25HBB342C31	CNPH*4221A**	58MEB040–12	41,000	11.7	14.0	42,000	3.52	8.2	26,200	2.58
3231195	25HBB342C31	CNPH*4221A**	58MEB060–12	40,500	11.7	14.0	42,000	3.52	8.2	26,400	2.58
3231196	25HBB342C31	CNPH*4221A**	58MEB080–12	40,500	11.7	14.0	42,000	3.52	8.2	26,200	2.58
3231197	25HBB342C31	CNPH*4221A**	58MEB080–16	40,500	11.7	14.0	42,000	3.50	8.2	26,200	2.58
3231198	25HBB342C31	CNPH*4221A**	58MEB100–20	40,500	12.0	14.0	42,000	3.54	8.2	26,000	2.60
3231199	25HBB342C31	CNPH*4221A**	58MEB120–20	41,000	12.0	14.0	42,000	3.56	8.2	26,000	2.62
3231257	25HBB342C31	CNPH*4221A**	58MV(B,C)040–14	40,500	11.5	13.5	42,000	3.46	8.1	26,200	2.54
3231258	25HBB342C31	CNPH*4221A**	58MV(B,C)060–14	41,000	11.7	14.0	42,000	3.52	8.2	26,200	2.58
3231259	25HBB342C31	CNPH*4221A**	58MV(B,C)080–14	40,500	11.5	13.5	42,000	3.46	8.2	26,400	2.54
3231260	25HBB342C31	CNPH*4221A**	58MV(B,C)080–20	40,500	11.5	13.5	42,000	3.48	8.2	26,200	2.56
3231261	25HBB342C31	CNPH*4221A**	58MV(B,C)100–20	40,500	11.5	13.5	42,000	3.46	8.2	26,200	2.56
3231262	25HBB342C31	CNPH*4221A**	58MV(B,C)120–20	40,500	11.7	14.0	41,500	3.50	8.2	26,000	2.58
3231159	25HBB342C31	CNPH*4221A**	58PH*070–16	40,500	11.0	13.0	42,000	3.46	8.0	26,600	2.54
3231160	25HBB342C31	CNPH*4221A**	58PH*090–16	40,500	12.0	14.0	42,000	3.52	8.3	26,000	2.60
3231161	25HBB342C31	CNPH*4221A**	58PH*110–20	40,500	12.0	14.0	42,000	3.54	8.2	26,000	2.60
3231162	25HBB342C31	CNPH*4221A**	58PH*135–20	40,500	12.0	14.0	42,000	3.52	8.2	26,000	2.60
3231256	25HBB342C31	CNPH*4221A**+TDR		41,000	11.0	13.0	42,000	3.44	8.1	27,000	2.52
3231275	25HBB342C31	CNPH*4821A**	58CV(A,X)070–12	41,000	11.7	14.0	42,000	3.56	8.4	26,400	2.62
3231276	25HBB342C31	CNPH*4821A**	58CV(A,X)090–16	41,500	12.0	14.5	42,000	3.62	8.5	26,200	2.64
3231277	25HBB342C31	CNPH*4821A**	58CV(A,X)110–20	41,500	12.0	14.5	42,000	3.62	8.5	26,200	2.66
3231278	25HBB342C31	CNPH*4821A**	58CV(A,X)135–22	41,500	12.0	14.5	41,500	3.64	8.5	26,000	2.68
3231279	25HBB342C31	CNPH*4821A**	58CV(A,X)155–22	41,500	12.0	15.0	41,500	3.64	8.5	26,000	2.68
3231200	25HBB342C31	CNPH*4821A**	58MEB040–12	41,500	12.0	14.5	42,000	3.58	8.5	26,400	2.66
3231201	25HBB342C31	CNPH*4821A**	58MEB060–12	41,500	12.0	14.0	42,000	3.58	8.5	26,600	2.64
3231202	25HBB342C31	CNPH*4821A**	58MEB080–12	41,500	12.0	14.5	42,000	3.60	8.5	26,400	2.66
3231203	25HBB342C31	CNPH*4821A**	58MEB080–16	41,500	12.0	14.5	42,000	3.60	8.5	26,400	2.64
3231204	25HBB342C31	CNPH*4821A**	58MEB100–20	41,500	12.0	14.5	42,000	3.64	8.5	26,200	2.68
3231205	25HBB342C31	CNPH*4821A**	58MEB120–20	42,000	12.0	14.5	42,000	3.64	8.5	26,200	2.70
3231269	25HBB342C31	CNPH*4821A**	58MV(B,C)040–14	41,000	12.0	14.0	42,000	3.56	8.4	26,400	2.62
3231270	25HBB342C31	CNPH*4821A**	58MV(B,C)060–14	41,500	12.0	14.5	42,000	3.60	8.5	26,400	2.64
3231271	25HBB342C31	CNPH*4821A**	58MV(B,C)080–14	41,500	12.0	14.0	42,000	3.56	8.4	26,400	2.62
3231272	25HBB342C31	CNPH*4821A**	58MV(B,C)080–20	41,500	12.0	14.0	42,000	3.58	8.4	26,400	2.62
3231273	25HBB342C31	CNPH*4821A**	58MV(B,C)100–20	41,000	12.0	14.0	42,000	3.58	8.4	26,200	2.62
3231274	25HBB342C31	CNPH*4821A**	58MV(B,C)120–20	41,500	12.0	14.5	42,000	3.62	8.5	26,200	2.66
3231163	25HBB342C31	CNPH*4821A**	58PH*070–16	41,500	11.5	13.5	42,000	3.52	8.2	26,800	2.60
3231164	25HBB342C31	CNPH*4821A**	58PH*090–16	41,500	12.0	14.5	42,000	3.62	8.5	26,200	2.66
3231165	25HBB342C31	CNPH*4821A**	58PH*110–20	41,500	12.0	14.5	42,000	3.64	8.5	26,200	2.68
3231166	25HBB342C31	CNPH*4821A**	58PH*135–20	41,500	12.0	14.5	42,000	3.62	8.5	26,200	2.66
3231268	25HBB342C31	CNPH*4821A**+TDR		41,500	11.0	13.0	42,000	3.42	8.2	27,200	2.58
3231185	25HBB342C31	CNPV*4217A**	58CV(A,X)090–16	41,000	12.0	14.0	42,000	3.56	8.4	26,200	2.62
3231187	25HBB342C31	CNPV*4217A**	58MEB040–12	41,000	11.7	14.0	42,000	3.56	8.4	26,400	2.60
3231188	25HBB342C31	CNPV*4217A**	58MEB060–12	41,000	11.7	14.0	42,000	3.56	8.2	26,400	2.60
3231189	25HBB342C31	CNPV*4217A**	58MEB080–12	41,000	12.0	14.0	42,000	3.56	8.4	26,400	2.62
3231190	25HBB342C31	CNPV*4217A**	58MEB080–16	41,000	12.0	14.0	42,000	3.56	8.2	26,200	2.60
3231184	25HBB342C31	CNPV*4217A**	58MV(B,C)060–14	41,000	11.5	14.0	42,000	3.54	8.2	26,400	2.60
3231186	25HBB342C31	CNPV*4217A**	58PH*070–16	41,000	11.5	13.0	42,000	3.48	8.2	26,800	2.56
3231183	25HBB342C31	CNPV*4217A**+TDR		41,500	11.0	13.0	42,000	3.46	8.2	27,200	2.56
3231245	25HBB342C31	CNPV*4221A**	58CV(A,X)110–20	40,500	11.7	14.0	42,000	3.52	8.2	26,000	2.58
3231191	25HBB342C31	CNPV*4221A**	58MEB100–20	40,500	12.0	14.0	42,000	3.54	8.2	26,000	2.60
3231242	25HBB342C31	CNPV*4221A**	58MV(B,C)080–14	40,500	11.2	13.5	42,000	3.46	8.2	26,400	2.54
3231243	25HBB342C31	CNPV*4221A**	58MV(B,C)080–20	40,500	11.5	13.5	42,000	3.48	8.2	26,200	2.56
3231244	25HBB342C31	CNPV*4221A**	58MV(B,C)100–20	40,500	11.5	13.5	42,000	3.46	8.2	26,200	2.56
3231154	25HBB342C31	CNPV*4221A**	58PH*090–16	40,500	12.0	14.0	42,000	3.52	8.3	26,000	2.60
3231155	25HBB342C31	CNPV*4221A**	58PH*110–20	40,500	12.0	14.0	42,000	3.54	8.3	26,000	2.60
3231241	25HBB342C31	CNPV*4221A**+TDR		41,000	11.0	13.0	42,000	3.44	8.0	27,000	2.52
3231250	25HBB342C31	CNPV*4821A**	58CV(A,X)110–20	41,500	12.0	14.5	42,000	3.62	8.5	26,200	2.66
3231192	25HBB342C31	CNPV*4821A**	58MEB100–20	41,500	12.0	14.5	42,000	3.64	8.5	26,200	2.68

See note on pg. 21

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
3231247	25HBB342C31	CNPV*4821A**	58MV(B,C)080–14	41,500	11.7	14.0	42,000	3.56	8.4	26,400	2.62
3231248	25HBB342C31	CNPV*4821A**	58MV(B,C)080–20	41,500	12.0	14.0	42,000	3.58	8.4	26,400	2.62
3231249	25HBB342C31	CNPV*4821A**	58MV(B,C)100–20	41,000	12.0	14.0	42,000	3.58	8.4	26,200	2.62
3231156	25HBB342C31	CNPV*4821A**	58PH*090–16	41,500	12.0	14.5	42,000	3.62	8.5	26,200	2.66
3231157	25HBB342C31	CNPV*4821A**	58PH*110–20	41,500	12.0	14.5	42,000	3.64	8.5	26,200	2.68
3231246	25HBB342C31	CNPV*4821A**+TDR		41,500	11.0	13.0	42,000	3.42	8.2	27,200	2.58
3231254	25HBB342C31	CNPV*4824A**	58CV(A,X)135–22	41,500	12.0	14.5	41,500	3.64	8.5	26,000	2.68
3231255	25HBB342C31	CNPV*4824A**	58CV(A,X)155–22	41,500	12.0	15.0	41,500	3.64	8.5	26,000	2.68
3231193	25HBB342C31	CNPV*4824A**	58MEB120–20	42,000	12.0	14.5	42,000	3.64	8.5	26,200	2.70
3231252	25HBB342C31	CNPV*4824A**	58MV(B,C)040–14	41,000	12.0	14.0	42,000	3.56	8.4	26,400	2.62
3231253	25HBB342C31	CNPV*4824A**	58MV(B,C)120–20	41,500	12.0	14.5	42,000	3.62	8.5	26,200	2.66
3231158	25HBB342C31	CNPV*4824A**	58PH*135–20	41,500	12.0	14.5	42,000	3.62	8.5	26,200	2.66
3231251	25HBB342C31	CNPV*4824A**+TDR		41,500	11.0	13.0	42,000	3.42	8.2	27,200	2.58
3231288	25HBB342C31	CSPH*4212A**	58CV(A,X)070–12	41,500	11.7	14.0	42,000	3.56	8.4	26,400	2.60
3231289	25HBB342C31	CSPH*4212A**	58CV(A,X)090–16	41,500	12.0	14.5	42,000	3.60	8.5	26,200	2.64
3231290	25HBB342C31	CSPH*4212A**	58CV(A,X)110–20	41,500	12.0	14.5	42,000	3.60	8.5	26,200	2.64
3231291	25HBB342C31	CSPH*4212A**	58CV(A,X)135–22	41,500	12.0	14.5	42,000	3.64	8.5	26,200	2.66
3231292	25HBB342C31	CSPH*4212A**	58CV(A,X)155–22	41,500	12.0	14.5	42,000	3.64	8.5	26,000	2.66
3231206	25HBB342C31	CSPH*4212A**	58MEB040–12	41,500	12.0	14.5	42,000	3.58	8.5	26,400	2.64
3231207	25HBB342C31	CSPH*4212A**	58MEB060–12	41,500	12.0	14.0	42,000	3.58	8.5	26,600	2.64
3231208	25HBB342C31	CSPH*4212A**	58MEB080–12	41,500	12.0	14.5	42,000	3.60	8.5	26,400	2.64
3231209	25HBB342C31	CSPH*4212A**	58MEB080–16	41,500	12.0	14.5	42,000	3.60	8.5	26,400	2.64
3231210	25HBB342C31	CSPH*4212A**	58MEB100–20	41,500	12.0	14.5	42,000	3.62	8.5	26,200	2.66
3231211	25HBB342C31	CSPH*4212A**	58MEB120–20	42,000	12.0	14.5	42,000	3.64	8.5	26,200	2.68
3231282	25HBB342C31	CSPH*4212A**	58MV(B,C)040–14	41,000	11.7	14.0	42,000	3.56	8.4	26,400	2.60
3231283	25HBB342C31	CSPH*4212A**	58MV(B,C)060–14	41,500	12.0	14.5	42,000	3.58	8.5	26,400	2.64
3231284	25HBB342C31	CSPH*4212A**	58MV(B,C)080–14	41,500	11.7	14.0	42,000	3.56	8.4	26,600	2.60
3231285	25HBB342C31	CSPH*4212A**	58MV(B,C)080–20	41,500	12.0	14.0	42,000	3.56	8.4	26,400	2.62
3231286	25HBB342C31	CSPH*4212A**	58MV(B,C)100–20	41,000	12.0	14.0	42,000	3.58	8.4	26,200	2.62
3231287	25HBB342C31	CSPH*4212A**	58MV(B,C)120–20	41,500	12.0	14.5	42,000	3.60	8.5	26,200	2.64
3231167	25HBB342C31	CSPH*4212A**	58PH*070–16	41,500	11.5	13.5	42,000	3.50	8.2	26,800	2.58
3231168	25HBB342C31	CSPH*4212A**	58PH*090–16	41,500	12.0	14.5	42,000	3.62	8.5	26,200	2.66
3231169	25HBB342C31	CSPH*4212A**	58PH*110–20	41,500	12.0	14.5	42,000	3.64	8.5	26,200	2.66
3231170	25HBB342C31	CSPH*4212A**	58PH*135–20	41,500	12.0	14.5	42,000	3.62	8.5	26,200	2.66
3231281	25HBB342C31	CSPH*4212A**+TDR		42,000	11.0	13.0	42,000	3.42	8.2	27,200	2.58
3231300	25HBB342C31	CSPH*4812A**	58CV(A,X)070–12	41,500	11.7	14.0	42,000	3.56	8.4	26,400	2.62
3231301	25HBB342C31	CSPH*4812A**	58CV(A,X)090–16	41,500	12.0	14.5	42,000	3.62	8.5	26,200	2.66
3231302	25HBB342C31	CSPH*4812A**	58CV(A,X)110–20	42,000	12.0	14.5	42,000	3.60	8.5	26,400	2.66
3231303	25HBB342C31	CSPH*4812A**	58CV(A,X)135–22	42,000	12.0	15.0	42,000	3.64	8.5	26,200	2.68
3231304	25HBB342C31	CSPH*4812A**	58CV(A,X)155–22	42,000	12.0	15.0	42,000	3.64	8.5	26,200	2.68
3231212	25HBB342C31	CSPH*4812A**	58MEB040–12	42,000	12.0	14.5	42,000	3.56	8.5	26,600	2.66
3231213	25HBB342C31	CSPH*4812A**	58MEB060–12	42,000	12.0	14.5	41,500	3.56	8.5	26,600	2.66
3231214	25HBB342C31	CSPH*4812A**	58MEB080–12	42,000	12.0	14.5	41,500	3.58	8.5	26,400	2.66
3231215	25HBB342C31	CSPH*4812A**	58MEB080–16	41,500	12.0	14.5	42,000	3.60	8.5	26,400	2.66
3231216	25HBB342C31	CSPH*4812A**	58MEB100–20	42,000	12.0	14.5	42,000	3.62	8.5	26,200	2.68
3231217	25HBB342C31	CSPH*4812A**	58MEB120–20	42,000	12.0	14.5	41,500	3.62	8.5	26,200	2.70
3231294	25HBB342C31	CSPH*4812A**	58MV(B,C)040–14	41,500	11.7	14.0	42,000	3.56	8.4	26,400	2.62
3231295	25HBB342C31	CSPH*4812A**	58MV(B,C)060–14	42,000	12.0	14.5	42,000	3.56	8.5	26,600	2.66
3231296	25HBB342C31	CSPH*4812A**	58MV(B,C)080–14	41,500	11.7	14.0	42,000	3.56	8.4	26,600	2.62
3231297	25HBB342C31	CSPH*4812A**	58MV(B,C)080–20	41,500	12.0	14.0	42,000	3.58	8.4	26,400	2.64
3231298	25HBB342C31	CSPH*4812A**	58MV(B,C)100–20	41,500	12.0	14.5	42,000	3.58	8.4	26,400	2.62
3231299	25HBB342C31	CSPH*4812A**	58MV(B,C)120–20	41,500	12.0	14.5	42,000	3.60	8.5	26,200	2.66
3231171	25HBB342C31	CSPH*4812A**	58PH*070–16	41,500	11.5	13.5	42,000	3.48	8.2	26,800	2.60
3231172	25HBB342C31	CSPH*4812A**	58PH*090–16	42,000	12.0	14.5	42,000	3.62	8.5	26,200	2.66
3231173	25HBB342C31	CSPH*4812A**	58PH*110–20	42,000	12.0	14.5	42,000	3.64	8.5	26,200	2.68
3231174	25HBB342C31	CSPH*4812A**	58PH*135–20	41,500	12.0	14.5	42,000	3.62	8.5	26,200	2.66
3231293	25HBB342C31	CSPH*4812A**+TDR		42,000	11.0	13.0	40,000	3.34	8.2	27,200	2.60
3231514	25HBB348C31	†FY4ANF048		46,500	11.0	13.0	46,500	3.44	8.2	31,200	2.58
3231628	25HBB348C31	FE4AN(B,F)005+UI		46,500	12.0	14.5	45,500	3.58	8.5	29,800	2.70
3231629	25HBB348C31	FE4ANB006+UI		47,500	12.5	15.0	45,000	3.68	8.6	29,800	2.76
3231630	25HBB348C31	FV4BN(B,F)005		46,500	12.0	14.5	45,500	3.58	8.5	29,800	2.70
3231631	25HBB348C31	FV4BNB006		47,500	12.5	15.0	45,000	3.68	8.6	29,800	2.76
3231626	25HBB348C31	FX4CN(B,F)048		47,000	11.5	14.0	46,000	3.58	8.5	30,400	2.68
3231627	25HBB348C31	FX4CN(B,F)060		48,000	12.0	14.5	44,500	3.62	8.6	30,400	2.76
3231625	25HBB348C31	FY4ANB060		47,000	11.0	13.0	45,000	3.46	8.2	31,200	2.62
3231563	25HBB348C31	CAP**4817A**	58CV(A,X)090–16	45,500	11.5	13.5	46,000	3.52	8.2	30,200	2.64
3231542	25HBB348C31	CAP**4817A**	58MEB080–16	46,000	11.5	13.5	46,500	3.54	8.3	30,400	2.64
3231515	25HBB348C31	CAP**4817A**	58PH*070–16	45,000	11.0	13.5	46,000	3.40	8.0	30,000	2.58
3231562	25HBB348C31	CAP**4817A**+TDR		45,500	11.0	13.0	46,500	3.50	8.2	30,600	2.60
3231567	25HBB348C31	CAP**4821A**	58CV(A,X)110–20	45,500	11.5	14.0	46,000	3.48	8.2	30,000	2.64
3231543	25HBB348C31	CAP**4821A**	58MEB100–20	45,500	11.5	14.0	46,000	3.54	8.2	30,000	2.66
3231565	25HBB348C31	CAP**4821A**	58MV(B,C)080–20	45,000	11.5	13.5	46,000	3.40	8.0	30,000	2.60
3231566	25HBB348C31	CAP**4821A**	58MV(B,C)100–20	45,500	11.0	13.0	46,500	3.46	8.2	30,200	2.60
3231516	25HBB348C31	CAP**4821A**	58PH*090–16	45,500	11.5	13.5	46,500	3.52	8.2	30,000	2.64
3231517	25HBB348C31	CAP**4821A**	58PH*110–20	45,500	11.5	14.0	46,000	3.52	8.2	29,800	2.66
3231564	25HBB348C31	CAP**4821A**+TDR		46,000	11.0	13.0	47,000	3.50	8.2	30,800	2.60
3231570	25HBB348C31	CAP**4824A**	58CV(A,X)135–22	45,500	11.5	14.0	46,000	3.50	8.2	29,800	2.66
3231571	25HBB348C31	CAP**4824A**	58CV(A,X)155–22	45,500	12.0	14.0	46,000	3.54	8.4	29,600	2.68
3231544	25HBB348C31	CAP**4824A**	58MEB120–20	46,000	11.5	14.0	46,000	3.56	8.3	29,800	2.68

See note on pg. 21

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
3231569	25HBB348C31	CAP**4824A**	58MV(B,C)120–20	45,500	11.5	13.5	46,000	3.48	8.2	30,000	2.64
3231518	25HBB348C31	CAP**4824A**	58PH*135–20	45,500	11.5	14.0	46,000	3.52	8.4	30,000	2.66
3231568	25HBB348C31	CAP**4824A**+TDR		46,000	11.0	13.0	47,000	3.50	8.2	30,800	2.60
3231575	25HBB348C31	CAP**6021A**	58CV(A,X)110–20	46,500	12.0	14.0	45,000	3.52	8.4	30,000	2.68
3231545	25HBB348C31	CAP**6021A**	58MEB100–20	47,000	12.0	14.5	45,000	3.56	8.4	30,000	2.70
3231573	25HBB348C31	CAP**6021A**	58MV(B,C)080–20	46,000	11.5	14.0	45,000	3.46	8.2	30,000	2.64
3231574	25HBB348C31	CAP**6021A**	58MV(B,C)100–20	46,500	11.5	14.0	45,000	3.48	8.2	30,200	2.66
3231519	25HBB348C31	CAP**6021A**	58PH*090–16	47,000	12.0	14.0	45,000	3.54	8.4	30,200	2.68
3231520	25HBB348C31	CAP**6021A**	58PH*110–20	47,000	12.0	14.5	45,000	3.56	8.5	29,800	2.72
3231572	25HBB348C31	CAP**6021A**+TDR		47,000	11.0	13.0	44,500	3.44	8.2	31,000	2.64
3231578	25HBB348C31	CAP**6024A**	58CV(A,X)135–22	46,500	12.0	14.5	45,000	3.54	8.4	29,800	2.70
3231579	25HBB348C31	CAP**6024A**	58CV(A,X)155–22	47,000	12.0	14.5	45,000	3.56	8.5	29,800	2.70
3231546	25HBB348C31	CAP**6024A**	58MEB120–20	47,000	12.0	14.5	45,000	3.56	8.4	30,000	2.72
3231577	25HBB348C31	CAP**6024A**	58MV(B,C)120–20	46,500	12.0	14.0	45,000	3.50	8.4	30,000	2.66
3231521	25HBB348C31	CAP**6024A**	58PH*135–20	47,000	12.0	14.0	45,000	3.54	8.4	30,000	2.68
3231576	25HBB348C31	CAP**6024A**+TDR		47,000	11.0	13.0	45,000	3.44	8.2	31,000	2.64
3231608	25HBB348C31	CNPF*4818A**+TDR		45,000	11.0	13.0	46,500	3.32	8.0	30,400	2.56
3231596	25HBB348C31	CNPH*4821A**	58CV(A,X)090–16	45,500	11.5	14.0	46,000	3.42	8.2	29,800	2.62
3231597	25HBB348C31	CNPH*4821A**	58CV(A,X)110–20	45,500	11.5	14.0	46,000	3.44	8.2	29,800	2.64
3231598	25HBB348C31	CNPH*4821A**	58CV(A,X)135–22	45,500	12.0	14.0	46,000	3.48	8.2	29,800	2.66
3231599	25HBB348C31	CNPH*4821A**	58CV(A,X)155–22	46,000	12.0	14.0	46,000	3.50	8.2	29,600	2.68
3231550	25HBB348C31	CNPH*4821A**	58MEB080–16	45,500	11.5	13.5	46,500	3.46	8.2	30,200	2.62
3231551	25HBB348C31	CNPH*4821A**	58MEB100–20	46,000	11.5	14.0	46,000	3.50	8.2	29,800	2.66
3231552	25HBB348C31	CNPH*4821A**	58MEB120–20	46,000	11.5	14.0	46,000	3.52	8.2	29,800	2.68
3231593	25HBB348C31	CNPH*4821A**	58MV(B,C)080–20	45,000	11.5	13.5	46,000	3.38	8.0	29,800	2.60
3231594	25HBB348C31	CNPH*4821A**	58MV(B,C)100–20	45,500	11.5	13.5	46,500	3.42	8.2	30,200	2.62
3231595	25HBB348C31	CNPH*4821A**	58MV(B,C)120–20	45,500	11.5	14.0	46,000	3.44	8.2	29,800	2.64
3231526	25HBB348C31	CNPH*4821A**	58PH*070–16	45,500	11.0	13.0	47,000	3.36	8.0	30,800	2.54
3231527	25HBB348C31	CNPH*4821A**	58PH*090–16	46,000	11.5	14.0	46,500	3.48	8.2	30,000	2.64
3231528	25HBB348C31	CNPH*4821A**	58PH*110–20	46,000	12.0	14.0	46,000	3.50	8.2	29,800	2.66
3231529	25HBB348C31	CNPH*4821A**	58PH*135–20	46,000	11.5	14.0	46,000	3.48	8.2	29,800	2.66
3231592	25HBB348C31	CNPH*4821A**+TDR		46,000	11.0	13.0	47,500	3.48	8.2	30,800	2.60
3231604	25HBB348C31	CNPH*6024A**	58CV(A,X)090–16	46,500	12.0	14.0	46,000	3.52	8.2	30,000	2.66
3231605	25HBB348C31	CNPH*6024A**	58CV(A,X)110–20	46,500	12.0	14.0	46,000	3.54	8.4	30,000	2.66
3231606	25HBB348C31	CNPH*6024A**	58CV(A,X)135–22	46,500	12.0	14.5	46,000	3.56	8.4	29,800	2.68
3231607	25HBB348C31	CNPH*6024A**	58CV(A,X)155–22	46,500	12.0	14.5	45,500	3.58	8.5	29,800	2.70
3231553	25HBB348C31	CNPH*6024A**	58MEB080–16	46,500	11.5	14.0	46,000	3.52	8.3	30,400	2.66
3231554	25HBB348C31	CNPH*6024A**	58MEB100–20	47,000	12.0	14.5	46,000	3.58	8.3	30,000	2.70
3231555	25HBB348C31	CNPH*6024A**	58MEB120–20	47,000	12.0	14.5	46,000	3.60	8.3	30,000	2.72
3231601	25HBB348C31	CNPH*6024A**	58MV(B,C)080–20	46,000	11.5	14.0	46,000	3.48	8.2	30,000	2.64
3231602	25HBB348C31	CNPH*6024A**	58MV(B,C)100–20	46,500	11.5	14.0	46,000	3.50	8.2	30,200	2.64
3231603	25HBB348C31	CNPH*6024A**	58MV(B,C)120–20	46,500	12.0	14.0	46,000	3.52	8.4	30,000	2.66
3231530	25HBB348C31	CNPH*6024A**	58PH*070–16	46,000	11.0	13.0	46,500	3.42	8.2	30,800	2.58
3231531	25HBB348C31	CNPH*6024A**	58PH*090–16	46,500	12.0	14.0	46,000	3.56	8.4	30,200	2.68
3231532	25HBB348C31	CNPH*6024A**	58PH*110–20	47,000	12.0	14.5	46,000	3.58	8.5	29,800	2.70
3231533	25HBB348C31	CNPH*6024A**	58PH*135–20	47,000	12.0	14.0	46,000	3.56	8.5	30,000	2.68
3231600	25HBB348C31	CNPH*6024A**+TDR		47,000	11.0	13.0	46,500	3.50	8.2	30,800	2.62
3231583	25HBB348C31	CNPV*4821A**	58CV(A,X)110–20	45,500	11.5	14.0	46,000	3.44	8.2	29,800	2.64
3231547	25HBB348C31	CNPV*4821A**	58MEB100–20	46,000	11.5	14.0	46,000	3.50	8.2	29,800	2.66
3231581	25HBB348C31	CNPV*4821A**	58MV(B,C)080–20	45,000	11.5	13.5	46,000	3.38	8.0	29,800	2.60
3231582	25HBB348C31	CNPV*4821A**	58MV(B,C)100–20	45,500	11.5	13.5	46,500	3.42	8.2	30,200	2.62
3231522	25HBB348C31	CNPV*4821A**	58PH*090–16	46,000	11.5	14.0	46,500	3.48	8.2	30,000	2.64
3231523	25HBB348C31	CNPV*4821A**	58PH*110–20	46,000	12.0	14.0	46,000	3.50	8.2	29,800	2.66
3231580	25HBB348C31	CNPV*4821A**+TDR		46,000	11.0	13.0	47,500	3.48	8.2	30,800	2.60
3231586	25HBB348C31	CNPV*4824A**	58CV(A,X)135–22	45,500	12.0	14.0	46,000	3.48	8.3	29,800	2.66
3231587	25HBB348C31	CNPV*4824A**	58CV(A,X)155–22	46,000	12.0	14.0	46,000	3.50	8.3	29,600	2.68
3231548	25HBB348C31	CNPV*4824A**	58MEB120–20	46,000	11.5	14.0	46,000	3.52	8.2	29,800	2.68
3231585	25HBB348C31	CNPV*4824A**	58MV(B,C)120–20	45,500	11.5	14.0	46,000	3.44	8.2	29,800	2.64
3231524	25HBB348C31	CNPV*4824A**	58PH*135–20	46,000	11.5	14.0	46,000	3.48	8.2	29,800	2.66
3231584	25HBB348C31	CNPV*4824A**+TDR		46,000	11.0	13.0	47,500	3.48	8.3	30,800	2.60
3231590	25HBB348C31	CNPV*6024A**	58CV(A,X)135–22	46,500	12.0	14.5	46,000	3.56	8.4	29,800	2.68
3231591	25HBB348C31	CNPV*6024A**	58CV(A,X)155–22	46,500	12.0	14.5	45,500	3.58	8.5	29,800	2.70
3231549	25HBB348C31	CNPV*6024A**	58MEB120–20	47,000	12.0	14.5	46,000	3.60	8.4	30,000	2.72
3231589	25HBB348C31	CNPV*6024A**	58MV(B,C)120–20	46,500	12.0	14.0	46,000	3.52	8.4	30,000	2.66
3231525	25HBB348C31	CNPV*6024A**	58PH*135–20	47,000	12.0	14.0	46,000	3.56	8.5	30,000	2.68
3231588	25HBB348C31	CNPV*6024A**+TDR		47,000	11.0	13.0	46,500	3.50	8.3	30,800	2.62
3231613	25HBB348C31	CSPH*4812A**	58CV(A,X)090–16	46,000	11.5	14.0	46,500	3.46	8.2	30,000	2.64
3231614	25HBB348C31	CSPH*4812A**	58CV(A,X)110–20	46,000	11.5	14.0	46,500	3.48	8.3	30,000	2.64
3231615	25HBB348C31	CSPH*4812A**	58CV(A,X)135–22	46,000	11.5	14.0	46,000	3.50	8.3	29,800	2.66
3231616	25HBB348C31	CSPH*4812A**	58CV(A,X)155–22	46,000	12.0	14.0	46,000	3.54	8.4	29,800	2.68
3231556	25HBB348C31	CSPH*4812A**	58MEB080–16	46,000	11.5	13.5	46,500	3.50	8.2	30,400	2.64
3231557	25HBB348C31	CSPH*4812A**	58MEB100–20	46,000	11.5	14.0	46,500	3.52	8.2	30,000	2.66
3231558	25HBB348C31	CSPH*4812A**	58MEB120–20	46,500	11.5	14.0	46,500	3.56	8.3	29,800	2.68
3231610	25HBB348C31	CSPH*4812A**	58MV(B,C)080–20	45,500	11.5	13.5	46,500	3.42	8.0	30,000	2.60
3231611	25HBB348C31	CSPH*4812A**	58MV(B,C)100–20	46,000	11.5	13.5	46,500	3.48	8.2	30,200	2.62
3231612	25HBB348C31	CSPH*4812A**	58MV(B,C)120–20	46,000	11.5	14.0	46,500	3.48	8.2	30,000	2.64
3231534	25HBB348C31	CSPH*4812A**	58PH*070–16	45,500	11.0	13.0	47,500	3.40	8.0	30,800	2.56
3231535	25HBB348C31	CSPH*4812A**	58PH*090–16	46,000	11.5	14.0	46,500	3.52	8.2	30,000	2.66
3231536	25HBB348C31	CSPH*4812A**	58PH*110–20	46,000	12.0	14.0	46,000	3.50	8.2	29,800	2.68
3231537	25HBB348C31	CSPH*4812A**	58PH*135–20	46,000	11.5	14.0	46,500	3.50	8.2	30,000	2.66

See note on pg. 21

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
3231609	25HBB348C31	CSPH*4812A**+TDR		46,500	11.0	13.0	47,500	3.54	8.4	30,800	2.62
3231621	25HBB348C31	CSPH*6012A**	58CV(A,X)090−16	46,500	12.0	14.0	46,000	3.56	8.4	30,000	2.68
3231622	25HBB348C31	CSPH*6012A**	58CV(A,X)110−20	46,500	12.0	14.5	46,000	3.58	8.5	30,000	2.68
3231623	25HBB348C31	CSPH*6012A**	58CV(A,X)135−22	47,000	12.0	14.5	45,500	3.60	8.5	29,800	2.70
3231624	25HBB348C31	CSPH*6012A**	58CV(A,X)155−22	47,000	12.0	14.5	45,500	3.64	8.6	29,800	2.72
3231559	25HBB348C31	CSPH*6012A**	58MEB080−16	47,000	11.5	14.0	46,000	3.58	8.4	30,400	2.68
3231560	25HBB348C31	CSPH*6012A**	58MEB100−20	47,000	12.0	14.5	46,000	3.62	8.5	30,000	2.72
3231561	25HBB348C31	CSPH*6012A**	58MEB120−20	47,000	12.0	14.5	45,500	3.64	8.5	30,000	2.74
3231618	25HBB348C31	CSPH*6012A**	58MV(B,C)080−20	46,500	11.5	14.0	46,000	3.52	8.4	30,000	2.64
3231619	25HBB348C31	CSPH*6012A**	58MV(B,C)100−20	46,500	11.5	14.0	46,000	3.54	8.4	30,200	2.66
3231620	25HBB348C31	CSPH*6012A**	58MV(B,C)120−20	46,500	12.0	14.0	46,000	3.56	8.5	30,000	2.68
3231538	25HBB348C31	CSPH*6012A**	58PH*070−16	46,500	11.0	13.0	46,500	3.46	8.2	31,000	2.60
3231539	25HBB348C31	CSPH*6012A**	58PH*090−16	47,000	12.0	14.0	46,000	3.60	8.5	30,200	2.70
3231540	25HBB348C31	CSPH*6012A**	58PH*110−20	47,000	12.0	14.5	45,500	3.64	8.6	30,000	2.72
3231541	25HBB348C31	CSPH*6012A**	58PH*135−20	47,000	12.0	14.5	46,000	3.62	8.6	30,000	2.70
3231617	25HBB348C31	CSPH*6012A**+TDR		47,000	11.5	13.5	46,000	3.54	8.4	31,000	2.66
3231632	25HBB360C31	†FY4ANB060		60,000	11.0	13.0	60,000	3.64	8.0	38,500	2.54
3231660	25HBB360C31	FE4ANB006+UI		60,000	12.0	14.0	58,500	3.74	8.4	36,800	2.66
3231661	25HBB360C31	FV4BNB006		60,000	12.0	14.0	58,500	3.74	8.0	36,800	2.66
3231659	25HBB360C31	FX4CN(B,F)060		60,000	12.0	14.0	59,000	3.82	8.4	37,600	2.66
3231636	25HBB360C31	CAP**6021A**	58CV(A,X)110−20	59,000	11.5	13.5	58,500	3.56	8.0	37,200	2.56
3231669	25HBB360C31	CAP**6021A**	58MEB100−20	58,500	11.5	13.5	58,500	3.56	8.0	36,800	2.58
3231634	25HBB360C31	CAP**6021A**	58MV(B,C)080−20	58,500	11.0	13.0	59,500	3.48	7.8	38,000	2.50
3231635	25HBB360C31	CAP**6021A**	58MV(B,C)100−20	58,000	11.0	13.0	59,000	3.48	7.8	37,400	2.50
3231662	25HBB360C31	CAP**6021A**	58PH*110−20	59,000	11.5	13.5	58,500	3.62	8.0	37,000	2.60
3231633	25HBB360C31	CAP**6021A**+TDR		59,000	11.0	13.0	59,000	3.56	8.0	37,400	2.56
3231639	25HBB360C31	CAP**6024A**	58CV(A,X)135−22	59,000	11.5	13.5	58,500	3.60	8.0	37,000	2.58
3231640	25HBB360C31	CAP**6024A**	58CV(A,X)155−22	59,000	11.5	14.0	58,500	3.62	8.2	36,800	2.60
3231670	25HBB360C31	CAP**6024A**	58MEB120−20	59,000	11.5	13.5	58,000	3.58	8.0	36,800	2.58
3231638	25HBB360C31	CAP**6024A**	58MV(B,C)120−20	58,500	11.0	13.0	58,500	3.52	8.0	37,400	2.54
3231663	25HBB360C31	CAP**6024A**	58PH*135−20	58,500	11.5	13.5	58,500	3.56	8.0	37,000	2.56
3231637	25HBB360C31	CAP**6024A**+TDR		60,000	11.0	13.0	59,000	3.68	8.0	38,000	2.58
3231649	25HBB360C31	CNPH*6024A**	58CV(A,X)110−20	58,500	11.5	13.5	58,500	3.56	8.0	37,000	2.56
3231650	25HBB360C31	CNPH*6024A**	58CV(A,X)135−22	58,500	11.5	13.5	58,500	3.58	8.0	36,800	2.58
3231651	25HBB360C31	CNPH*6024A**	58CV(A,X)155−22	59,000	11.5	14.0	58,500	3.62	8.0	36,800	2.60
3231672	25HBB360C31	CNPH*6024A**	58MEB080−16	58,000	11.5	13.5	58,000	3.48	8.0	37,000	2.52
3231673	25HBB360C31	CNPH*6024A**	58MEB100−20	58,500	11.5	13.5	58,000	3.54	8.0	36,800	2.56
3231674	25HBB360C31	CNPH*6024A**	58MEB120−20	58,500	11.5	13.5	58,000	3.58	8.0	36,600	2.58
3231646	25HBB360C31	CNPH*6024A**	58MV(B,C)080−20	58,000	11.0	13.0	59,000	3.46	7.8	37,800	2.48
3231647	25HBB360C31	CNPH*6024A**	58MV(B,C)100−20	58,000	11.0	13.0	59,000	3.46	7.8	37,400	2.50
3231648	25HBB360C31	CNPH*6024A**	58MV(B,C)120−20	58,500	11.0	13.0	58,500	3.52	7.8	37,200	2.54
3231665	25HBB360C31	CNPH*6024A**	58PH*110−20	59,000	11.5	13.5	58,500	3.58	8.0	36,800	2.58
3231666	25HBB360C31	CNPH*6024A**	58PH*135−20	58,500	11.5	13.5	58,500	3.56	8.0	36,800	2.56
3231645	25HBB360C31	CNPH*6024A**+TDR		59,500	11.0	13.0	59,500	3.64	8.0	38,000	2.58
3231643	25HBB360C31	CNPV*6024A**	58CV(A,X)135−22	58,500	11.5	13.5	58,500	3.58	8.0	36,800	2.58
3231644	25HBB360C31	CNPV*6024A**	58CV(A,X)155−22	59,000	11.5	14.0	58,500	3.62	8.0	36,800	2.60
3231671	25HBB360C31	CNPV*6024A**	58MEB120−20	58,500	11.5	13.5	58,000	3.58	8.0	36,600	2.58
3231642	25HBB360C31	CNPV*6024A**	58MV(B,C)120−20	58,500	11.0	13.0	58,500	3.52	7.8	37,200	2.54
3231664	25HBB360C31	CNPV*6024A**	58PH*135−20	58,500	11.5	13.5	58,500	3.56	8.0	36,800	2.56
3231641	25HBB360C31	CNPV*6024A**+TDR		59,500	11.0	13.0	59,000	3.64	8.0	38,000	2.58
3231656	25HBB360C31	CSPH*6012A**	58CV(A,X)110−20	59,000	11.5	13.5	59,000	3.62	8.0	37,200	2.58
3231657	25HBB360C31	CSPH*6012A**	58CV(A,X)135−22	59,000	11.5	14.0	58,500	3.64	8.2	37,000	2.60
3231658	25HBB360C31	CSPH*6012A**	58CV(A,X)155−22	59,500	12.0	14.0	58,500	3.68	8.2	36,800	2.62
3231675	25HBB360C31	CSPH*6012A**	58MEB080−16	58,500	11.5	13.5	58,500	3.54	8.0	37,000	2.54
3231676	25HBB360C31	CSPH*6012A**	58MEB100−20	59,000	11.5	13.5	58,500	3.60	8.1	37,000	2.60
3231677	25HBB360C31	CSPH*6012A**	58MEB120−20	59,000	11.5	14.0	58,500	3.64	8.1	36,800	2.62
3231653	25HBB360C31	CSPH*6012A**	58MV(B,C)080−20	58,500	11.0	13.0	59,500	3.52	7.8	38,000	2.52
3231654	25HBB360C31	CSPH*6012A**	58MV(B,C)100−20	58,500	11.0	13.0	59,000	3.52	7.8	37,600	2.52
3231655	25HBB360C31	CSPH*6012A**	58MV(B,C)120−20	59,000	11.5	13.0	59,000	3.58	8.0	37,200	2.56
3231667	25HBB360C31	CSPH*6012A**	58PH*110−20	59,500	11.5	14.0	58,500	3.66	8.2	37,000	2.62
3231668	25HBB360C31	CSPH*6012A**	58PH*135−20	59,000	11.5	13.5	58,500	3.62	8.0	37,000	2.60
3231652	25HBB360C31	CSPH*6012A**+TDR		60,000	11.0	13.0	60,000	3.70	8.0	38,000	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 (−8°C) db 15°F (−9°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
UI — User Interface

Ratings contained in this document are subject to change at any time. Always refer to the AHRI directory (www.ahridirectory.org) for the most up−to−date ratings information.

DETAILED COOLING CAPACITIES#

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 System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
25HBB318C30 Outdoor Section With FY4ANF018 Indoor Section																			
525	72 (22.2)	21.14	9.97	1.31	20.23	9.70	1.44	19.30	9.42	1.58	18.33	9.13	1.74	17.33	8.84	1.92	16.29	8.53	2.11
	67(19.4)	19.11	12.91	1.32	18.28	12.63	1.45	17.42	12.33	1.59	16.53	12.02	1.75	15.61	11.70	1.93	14.67	11.36	2.12
	63††(17.2)	17.67	12.36	1.32	16.89	12.07	1.45	16.07	11.77	1.60	15.24	11.46	1.76	14.37	11.12	1.93	13.48	10.77	2.12
	62 (16.7)	17.94	17.94	1.32	17.29	17.29	1.45	16.61	16.61	1.59	15.89	15.89	1.75	15.15	15.15	1.93	14.37	14.37	2.12
	57 (13.9)	17.94	17.94	1.32	17.29	17.29	1.45	16.61	16.61	1.59	15.89	15.89	1.75	15.15	15.15	1.93	14.37	14.37	2.12
600	72(22.2)	21.35	10.51	1.35	20.43	10.23	1.48	19.47	9.95	1.62	18.47	9.66	1.78	17.45	9.37	1.96	16.38	9.06	2.15
	67(19.4)	19.32	13.80	1.36	18.47	13.51	1.48	17.60	13.20	1.63	16.70	12.87	1.79	15.77	12.52	1.97	14.82	12.13	2.16
	63††(17.2)	17.87	13.19	1.36	17.07	12.88	1.49	16.25	12.56	1.64	15.40	12.22	1.80	14.53	11.85	1.97	13.66	13.66	2.16
	62 (16.7)	18.49	18.49	1.36	17.81	17.81	1.49	17.09	17.09	1.63	16.35	16.35	1.79	15.57	15.57	1.97	14.75	14.75	2.16
	57 (13.9)	18.50	18.50	1.36	17.81	17.81	1.49	17.10	17.10	1.63	16.35	16.35	1.79	15.57	15.57	1.97	14.75	14.75	2.16
675	72 (22.2)	21.50	11.03	1.39	20.55	10.75	1.52	19.57	10.47	1.66	18.55	10.17	1.82	17.50	9.87	2.00	16.42	9.56	2.19
	67 (19.4)	19.48	14.64	1.39	18.62	14.33	1.52	17.74	13.99	1.67	16.84	13.62	1.83	15.92	15.83	2.01	15.05	15.05	2.20
	63††(17.2)	18.03	13.94	1.40	17.22	13.62	1.53	16.39	13.26	1.67	15.55	15.42	1.84	14.73	14.73	2.01	13.91	13.91	2.20
	62 (16.7)	18.94	18.94	1.40	18.23	18.23	1.53	17.48	17.48	1.67	16.71	16.71	1.83	15.90	15.90	2.01	15.05	15.05	2.20
	57(13.9)	18.94	18.94	1.40	18.23	18.23	1.53	17.49	17.49	1.67	16.71	16.71	1.83	15.90	15.90	2.01	15.05	15.05	2.20

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*FY4ANF018	1.00	1.00	
FE4ANF002	1.02	0.92	
FF1ENP018	1.00	1.00	
FF1ENP024	1.01	0.99	
FV4BNF002	1.02	0.92	
FX4CNF018	1.02	0.92	
FX4CNF024	1.02	0.92	
CAP**2414A**	1.01	0.99	
CAP**2417A**	1.01	0.99	
CNPF*2418A**	1.02	1.00	
CNPH*2417A**	1.02	1.00	
CNPV*1814A**	1.01	0.99	
CNPV*2414A**	1.02	1.00	
CNPV*2417A**	1.02	1.00	
CSPH*2412A**	1.02	1.00	
CAP**1814A**	1.00	0.90	58CV(A,X)070–12
CAP**2414A**	1.01	0.91	58CV(A,X)070–12
CNPH*2417A**	1.01	0.91	58CV(A,X)070–12
CNPV*1814A**	1.01	0.91	58CV(A,X)070–12
CNPV*2414A**	1.01	0.91	58CV(A,X)070–12
CSPH*2412A**	1.02	0.92	58CV(A,X)070–12
CAP**2417A**	1.01	0.91	58CV(A,X)090–16
CNPH*2417A**	1.02	0.92	58CV(A,X)090–16
CNPV*2417A**	1.02	0.92	58CV(A,X)090–16
CSPH*2412A**	1.02	0.92	58CV(A,X)090–16
CAP**2417A**	1.02	0.88	58MEB040–12
CNPH*2417A**	1.02	0.88	58MEB040–12
CNPV*2417A**	1.02	0.88	58MEB040–12
CSPH*2412A**	1.02	0.88	58MEB040–12
CAP**2417A**	1.02	0.88	58MEB060–12
CNPH*2417A**	1.02	0.92	58MEB060–12
CNPV*2417A**	1.02	0.92	58MEB060–12
CSPH*2412A**	1.02	0.92	58MEB060–12
CNPH*2417A**	1.02	0.92	58MV(B,C)040–14
CSPH*2412A**	1.02	0.92	58MV(B,C)040–14
CAP**2417A**	1.02	0.92	58MV(B,C)060–14

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CNPH*2417A**	1.02	0.92	58MV(B,C)060–14
CNPV*2417A**	1.02	0.92	58MV(B,C)060–14
CSPH*2412A**	1.02	0.92	58MV(B,C)060–14
CNPH*2417A**	1.01	0.91	58MV(B,C)080–14
CSPH*2412A**	1.02	0.92	58MV(B,C)080–14
CAP**1814A**	1.01	0.91	58PH*045–08
CAP**2414A**	1.02	0.92	58PH*045–08
CNPH*2417A**	1.02	0.92	58PH*045–08
CNPV*1814A**	1.02	0.92	58PH*045–08
CNPV*2414A**	1.02	0.92	58PH*045–08
CSPH*2412A**	1.02	0.92	58PH*045–08

See notes on pg. 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 System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
25HBB324C30 Outdoor Section With FY4ANF024 Indoor Section																			
700	72 (22.2)	27.69	13.24	1.72	26.58	12.90	1.90	25.42	12.54	2.10	24.21	12.18	2.32	22.95	11.80	2.57	21.62	11.40	2.83
	67 (19.4)	25.07	17.12	1.71	24.04	16.77	1.89	22.97	16.39	2.10	21.85	15.99	2.32	20.69	15.58	2.56	19.48	15.13	2.82
	63††(17.2)	23.20	16.40	1.71	22.23	16.04	1.89	21.22	15.66	2.09	20.16	15.25	2.31	19.06	14.82	2.55	17.91	14.35	2.81
	62 (16.7)	23.50	23.50	1.71	22.69	22.69	1.89	21.84	21.84	2.09	20.94	20.94	2.32	20.00	20.00	2.56	19.00	19.00	2.82
	57 (13.9)	23.50	23.50	1.71	22.69	22.69	1.89	21.84	21.84	2.09	20.95	20.95	2.32	20.00	20.00	2.56	19.01	19.01	2.82
800	72 (22.2)	27.97	13.92	1.77	26.83	13.58	1.95	25.64	13.23	2.15	24.40	12.86	2.37	23.10	12.47	2.62	21.75	12.08	2.88
	67 (19.4)	25.34	18.26	1.77	24.29	17.89	1.95	23.20	17.50	2.15	22.07	17.08	2.37	20.89	16.63	2.61	19.67	16.13	2.88
	63††(17.2)	23.46	17.45	1.76	22.47	17.07	1.94	21.44	16.67	2.15	20.37	16.23	2.37	19.26	15.75	2.61	18.12	17.95	2.87
	62 (16.7)	24.20	24.20	1.77	23.35	23.35	1.95	22.46	22.46	2.15	21.52	21.52	2.37	20.54	20.54	2.61	19.50	19.50	2.88
	57 (13.9)	24.20	24.20	1.77	23.35	23.35	1.95	22.46	22.46	2.15	21.53	21.53	2.37	20.54	20.54	2.61	19.50	19.50	2.88
900	72 (22.2)	28.16	14.58	1.82	26.99	14.23	2.00	25.78	13.88	2.20	24.51	13.50	2.43	23.19	13.12	2.67	21.81	12.72	2.94
	67 (19.4)	25.54	19.33	1.82	24.48	18.93	2.00	23.38	18.51	2.20	22.24	18.04	2.42	21.07	17.52	2.67	19.89	19.89	2.93
	63††(17.2)	23.66	18.42	1.82	22.66	18.01	2.00	21.62	17.56	2.20	20.55	17.06	2.42	19.46	19.46	2.66	18.40	18.40	2.92
	62 (16.7)	24.76	24.76	1.82	23.88	23.88	2.00	22.96	22.96	2.20	21.99	21.99	2.42	20.96	20.96	2.67	19.89	19.89	2.93
	57 (13.9)	24.77	24.77	1.82	23.89	23.89	2.00	22.96	22.96	2.20	21.99	21.99	2.42	20.97	20.97	2.67	19.89	19.89	2.93

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*FY4ANF024	1.00	1.00	
FE4AN(B,F)003	1.03	0.92	
FE4ANF002	1.02	0.92	
FF1ENP030	1.00	1.00	
FV4BN(B,F)003	1.03	0.92	
FV4BNF002	1.02	0.92	
FX4CNF024	1.02	0.94	
FX4CNF030	1.03	0.92	
FY4ANF030	1.01	1.01	
CAP**2414A**	1.00	1.00	
CAP**2417A**	1.00	1.00	
CAP**3014A**	1.00	1.00	
CAP**3017A**	1.00	1.00	
CNPF*2418A**	1.00	1.00	
CNPH*2417A**	1.00	1.00	
CNPH*3017A**	1.01	1.01	
CNPV*2414A**	1.00	1.00	
CNPV*2417A**	1.00	1.00	
CNPV*3014A**	1.01	1.01	
CNPV*3017A**	1.01	1.01	
CSPH*2412A**	1.02	1.02	
CSPH*3012A**	1.01	1.01	
CAP**2414A**	1.00	0.92	58CV(A,X)070–12
CAP**3014A**	1.01	0.91	58CV(A,X)070–12
CNPH*2417A**	1.00	0.92	58CV(A,X)070–12
CNPH*3017A**	1.01	0.91	58CV(A,X)070–12
CNPV*2414A**	1.00	0.94	58CV(A,X)070–12
CNPV*3014A**	1.01	0.91	58CV(A,X)070–12
CSPH*2412A**	1.01	0.91	58CV(A,X)070–12
CSPH*3012A**	1.02	0.92	58CV(A,X)070–12
CAP**2417A**	1.00	0.90	58CV(A,X)090–16
CAP**3017A**	1.02	0.92	58CV(A,X)090–16
CNPH*2417A**	1.00	0.90	58CV(A,X)090–16
CNPH*3017A**	1.02	0.92	58CV(A,X)090–16
CNPV*2417A**	1.00	0.92	58CV(A,X)090–16
CNPV*3017A**	1.02	0.92	58CV(A,X)090–16
CSPH*2412A**	1.02	0.92	58CV(A,X)090–16

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CSPH*3012A**	1.02	0.92	58CV(A,X)090–16
CNPH*2417A**	1.00	0.92	58CV(A,X)110–20
CNPH*3017A**	1.02	0.92	58CV(A,X)110–20
CSPH*2412A**	1.01	0.91	58CV(A,X)110–20
CSPH*3012A**	1.02	0.92	58CV(A,X)110–20
CNPH*2417A**	1.00	0.90	58CV(A,X)135–22
CNPH*3017A**	1.02	0.92	58CV(A,X)135–22
CSPH*2412A**	1.02	0.92	58CV(A,X)135–22
CSPH*3012A**	1.02	0.92	58CV(A,X)135–22
CNPH*2417A**	1.00	0.90	58CV(A,X)155–22
CNPH*3017A**	1.02	0.92	58CV(A,X)155–22
CSPH*2412A**	1.02	0.92	58CV(A,X)155–22
CSPH*3012A**	1.02	0.92	58CV(A,X)155–22
CAP**2417A**	1.01	0.91	58MEB040–12
CAP**3017A**	1.03	0.92	58MEB040–12
CNPH*2417A**	1.00	0.94	58MEB040–12
CNPH*3017A**	1.03	0.92	58MEB040–12
CNPV*2417A**	1.00	0.94	58MEB040–12
CNPV*3017A**	1.03	0.92	58MEB040–12
CSPH*2412A**	1.02	0.92	58MEB040–12
CSPH*3012A**	1.03	0.92	58MEB040–12
CAP**2417A**	1.02	0.92	58MEB060–12
CAP**3017A**	1.03	0.93	58MEB060–12
CNPH*2417A**	1.01	0.95	58MEB060–12
CNPH*3017A**	1.03	0.93	58MEB060–12
CNPV*2417A**	1.01	0.95	58MEB060–12
CNPV*3017A**	1.03	0.93	58MEB060–12
CSPH*2412A**	1.02	0.92	58MEB060–12
CSPH*3012A**	1.03	0.92	58MEB060–12
CAP**2417A**	1.01	0.91	58MEB080–12
CAP**3017A**	1.03	0.92	58MEB080–12
CNPH*2417A**	1.00	0.94	58MEB080–12
CNPH*3017A**	1.03	0.92	58MEB080–12
CNPV*2417A**	1.00	0.94	58MEB080–12
CNPV*3017A**	1.03	0.92	58MEB080–12
CSPH*2412A**	1.01	0.91	58MEB080–12
CSPH*3012A**	1.03	0.92	58MEB080–12

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CNPH*2417A**	1.00	0.92	58MV(B,C)040–14
CNPH*3017A**	1.02	0.92	58MV(B,C)040–14
CSPH*2412A**	1.01	0.91	58MV(B,C)040–14
CSPH*3012A**	1.02	0.92	58MV(B,C)040–14
CAP**2417A**	1.02	0.92	58MV(B,C)060–14
CAP**3017A**	1.03	0.92	58MV(B,C)060–14
CNPH*2417A**	1.01	0.93	58MV(B,C)060–14
CNPH*3017A**	1.03	0.92	58MV(B,C)060–14
CNPV*2417A**	1.01	0.93	58MV(B,C)060–14
CNPV*3017A**	1.03	0.92	58MV(B,C)060–14
CSPH*2412A**	1.03	0.92	58MV(B,C)060–14
CSPH*3012A**	1.03	0.92	58MV(B,C)060–14
CNPH*2417A**	1.00	0.92	58MV(B,C)080–14
CNPH*3017A**	1.01	0.91	58MV(B,C)080–14
CSPH*2412A**	1.01	0.91	58MV(B,C)080–14
CSPH*3012A**	1.02	0.92	58MV(B,C)080–14
CNPH*2417A**	0.99	0.92	58MV(B,C)080–20
CNPH*3017A**	1.01	0.91	58MV(B,C)080–20
CSPH*2412A**	1.00	0.90	58MV(B,C)080–20
CSPH*3012A**	1.01	0.91	58MV(B,C)080–20
CNPH*2417A**	1.00	0.92	58MV(B,C)100–20
CNPH*3017A**	1.02	0.92	58MV(B,C)100–20
CSPH*2412A**	1.01	0.91	58MV(B,C)100–20
CSPH*3012A**	1.02	0.92	58MV(B,C)100–20
CNPH*2417A**	1.01	0.93	58MV(B,C)120–20
CNPH*3017A**	1.02	0.92	58MV(B,C)120–20
CSPH*2412A**	1.02	0.92	58MV(B,C)120–20
CSPH*3012A**	1.03	0.92	58MV(B,C)120–20
CAP**2414A**	1.01	0.93	58PH*045–08
CAP**3014A**	1.02	0.92	58PH*045–08
CNPH*2417A**	1.00	0.92	58PH*045–08
CNPH*3017A**	1.03	0.92	58PH*045–08
CNPV*2414A**	1.00	0.92	58PH*045–08
CNPV*3014A**	1.02	0.92	58PH*045–08
CSPH*2412A**	1.02	0.94	58PH*045–08
CSPH*3012A**	1.03	0.92	58PH*045–08

See notes on pg. 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 System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
25HBB330C30 Outdoor Section With FY4ANF030 Indoor Section																			
875	72 (22.2)	35.68	18.19	2.21	34.00	17.52	2.46	32.20	16.82	2.74	30.30	16.09	3.05	28.24	15.31	3.38	25.95	14.46	3.73
	67 (19.4)	32.78	22.53	2.20	31.22	21.85	2.45	29.58	21.14	2.73	27.84	20.39	3.04	25.95	19.60	3.37	23.85	18.72	3.73
	63††(17.2)	30.65	21.89	2.19	29.19	21.21	2.45	27.64	20.49	2.73	26.02	19.74	3.03	24.25	18.94	3.36	22.30	18.07	3.72
	62 (16.7)	30.08	26.85	2.19	28.66	26.14	2.45	27.15	25.38	2.72	25.58	24.57	3.03	23.90	23.64	3.36	22.18	22.18	3.72
	57 (13.9)	28.84	28.84	2.19	27.71	27.71	2.44	26.49	26.49	2.72	25.20	25.20	3.03	23.78	23.78	3.36	22.19	22.19	3.72
1000	72 (22.2)	36.25	18.94	2.26	34.51	18.27	2.51	32.63	17.56	2.79	30.67	16.82	3.09	28.54	16.03	3.42	26.16	15.16	3.77
	67 (19.4)	33.33	23.82	2.25	31.71	23.13	2.50	30.00	22.40	2.78	28.19	21.64	3.08	26.22	20.83	3.41	24.06	19.93	3.77
	63††(17.2)	31.19	23.11	2.24	29.67	22.41	2.49	28.07	21.68	2.77	26.36	20.91	3.08	24.54	20.10	3.41	22.52	19.20	3.76
	62 (16.7)	30.66	28.61	2.24	29.19	27.85	2.49	27.65	27.02	2.77	26.04	26.04	3.07	24.51	24.51	3.41	22.82	22.82	3.77
	57 (13.9)	29.90	29.90	2.24	28.69	28.69	2.49	27.39	27.39	2.77	26.02	26.02	3.08	24.52	24.52	3.41	22.82	22.82	3.77
1125	72 (22.2)	36.68	19.67	2.30	34.86	18.98	2.55	32.95	18.27	2.83	30.93	17.52	3.14	28.72	16.72	3.46	26.30	15.85	3.82
	67 (19.4)	33.75	25.07	2.29	32.10	24.37	2.54	30.29	23.62	2.82	28.43	22.85	3.13	26.42	22.02	3.46	24.21	21.09	3.81
	63††(17.2)	31.61	24.28	2.28	30.04	23.57	2.54	28.37	22.82	2.81	26.63	22.04	3.12	24.75	21.20	3.45	22.68	20.27	3.81
	62 (16.7)	31.14	30.21	2.28	29.65	29.35	2.54	28.13	28.13	2.81	26.69	26.69	3.12	25.10	25.10	3.45	23.32	23.32	3.81
	57 (13.9)	30.77	30.77	2.28	29.49	29.49	2.53	28.13	28.13	2.81	26.69	26.69	3.12	25.10	25.10	3.45	23.32	23.32	3.81

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*FY4ANF030	1.00	1.00	
FE4AN(B,F)003	1.00	0.90	
FE4AN(B,F)005	1.00	0.90	
FE4ANF002	1.00	0.94	
FF1ENP030	1.00	1.01	
FF1ENP036	1.00	1.00	
FV4BN(B,F)003	1.00	0.90	
FV4BN(B,F)005	1.00	0.90	
FV4BNF002	1.00	0.94	
FX4CN(B,F)036	1.00	0.98	
FX4CNF030	1.00	0.98	
FY4ANF036	1.00	1.01	
CAP**3014A**	1.00	1.00	
CAP**3017A**	1.00	1.00	
CAP**3614A**	1.00	1.00	
CAP**3617A**	1.00	1.00	
CAP**3621A**	1.00	1.00	
CNPF*3618A**	1.00	1.00	
CNPH*3017A**	1.00	1.00	
CNPH*3617A**	1.00	1.00	
CNPV*3014A**	1.00	1.00	
CNPV*3017A**	1.00	1.00	
CNPV*3617A**	1.00	1.00	
CNPV*3621A**	1.00	1.00	
CSPH*3012A**	1.00	1.00	
CSPH*3612A**	1.00	1.00	
CAP**3014A**	1.00	0.94	58CV(A,X)070–12
CAP**3614A**	1.00	0.94	58CV(A,X)070–12
CNPH*3017A**	1.00	0.94	58CV(A,X)070–12
CNPH*3617A**	1.00	0.94	58CV(A,X)070–12
CNPV*3014A**	1.00	0.98	58CV(A,X)070–12
CSPH*3012A**	1.00	0.94	58CV(A,X)070–12
CSPH*3612A**	1.00	0.94	58CV(A,X)070–12
CAP**3017A**	1.00	0.94	58CV(A,X)090–16
CAP**3617A**	1.00	0.94	58CV(A,X)090–16
CNPH*3017A**	1.00	0.94	58CV(A,X)090–16

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CNPH*3617A**	1.00	0.94	58CV(A,X)090–16
CNPV*3017A**	1.00	0.94	58CV(A,X)090–16
CNPV*3617A**	1.00	0.94	58CV(A,X)090–16
CSPH*3012A**	1.00	0.94	58CV(A,X)090–16
CSPH*3612A**	1.00	0.90	58CV(A,X)090–16
CAP**3621A**	1.00	0.94	58CV(A,X)110–20
CNPH*3017A**	1.00	0.94	58CV(A,X)110–20
CNPH*3617A**	1.00	0.94	58CV(A,X)110–20
CNPV*3621A**	1.00	0.94	58CV(A,X)110–20
CSPH*3012A**	1.00	0.94	58CV(A,X)110–20
CSPH*3612A**	1.00	0.90	58CV(A,X)110–20
CNPH*3017A**	1.00	0.94	58CV(A,X)135–22
CNPH*3617A**	1.00	0.94	58CV(A,X)135–22
CSPH*3012A**	1.00	0.94	58CV(A,X)135–22
CSPH*3612A**	1.00	0.90	58CV(A,X)135–22
CNPH*3017A**	1.00	0.94	58CV(A,X)155–22
CNPH*3617A**	1.00	0.94	58CV(A,X)155–22
CSPH*3012A**	1.00	0.94	58CV(A,X)155–22
CSPH*3612A**	1.00	0.90	58CV(A,X)155–22
CAP**3017A**	1.00	0.94	58MEB040–12
CAP**3617A**	1.00	0.94	58MEB040–12
CNPH*3017A**	1.00	0.94	58MEB040–12
CNPH*3617A**	1.00	0.94	58MEB040–12
CNPH*3617A**	1.00	0.90	58MEB040–12
CNPV*3017A**	1.00	0.94	58MEB040–12
CNPV*3617A**	1.00	0.94	58MEB040–12
CSPH*3012A**	1.00	0.94	58MEB040–12
CSPH*3612A**	1.00	0.90	58MEB040–12
CAP**3017A**	1.00	0.94	58MEB060–12
CAP**3617A**	1.00	0.94	58MEB060–12
CNPH*3017A**	1.00	0.94	58MEB060–12
CNPH*3617A**	1.00	0.94	58MEB060–12
CNPV*3017A**	1.00	0.94	58MEB060–12
CNPV*3617A**	1.00	0.94	58MEB060–12
CSPH*3012A**	1.00	0.94	58MEB060–12
CSPH*3612A**	1.00	0.90	58MEB060–12

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CAP**3017A**	1.00	0.94	58MEB080–12
CAP**3617A**	1.00	0.94	58MEB080–12
CNPH*3017A**	1.00	0.94	58MEB080–12
CNPH*3617A**	1.00	0.94	58MEB080–12
CNPV*3017A**	1.00	0.94	58MEB080–12
CNPV*3617A**	1.00	0.94	58MEB080–12
CSPH*3012A**	1.00	0.94	58MEB080–12
CSPH*3612A**	1.00	0.90	58MEB080–12
CAP**3017A**	1.00	0.94	58MEB080–16
CAP**3617A**	1.00	0.94	58MEB080–16
CNPH*3017A**	1.00	0.94	58MEB080–16
CNPH*3617A**	1.00	0.94	58MEB080–16
CNPV*3017A**	1.00	0.94	58MEB080–16
CNPV*3617A**	1.00	0.94	58MEB080–16
CSPH*3012A**	1.00	0.94	58MEB080–16
CSPH*3612A**	1.00	0.90	58MEB080–16
CNPH*3017A**	1.00	0.94	58MV(B,C)040–14
CNPH*3617A**	1.00	0.94	58MV(B,C)040–14
CSPH*3012A**	1.00	0.94	58MV(B,C)040–14
CSPH*3612A**	1.00	0.94	58MV(B,C)040–14
CAP**3017A**	1.00	0.94	58MV(B,C)060–14
CAP**3617A**	1.00	0.94	58MV(B,C)060–14
CNPH*3017A**	1.00	0.94	58MV(B,C)060–14
CNPH*3617A**	1.00	0.94	58MV(B,C)060–14
CNPV*3017A**	1.00	0.94	58MV(B,C)060–14
CNPV*3617A**	1.00	0.94	58MV(B,C)060–14
CSPH*3012A**	1.00	0.94	58MV(B,C)060–14
CSPH*3612A**	1.00	0.90	58MV(B,C)060–14
CAP**3621A**	1.00	0.94	58MV(B,C)080–14
CNPH*3017A**	1.00	0.94	58MV(B,C)080–14
CNPH*3617A**	1.00	0.94	58MV(B,C)080–14
CNPV*3621A**	1.00	0.94	58MV(B,C)080–14
CSPH*3012A**	1.00	0.94	58MV(B,C)080–14
CSPH*3612A**	1.00	0.94	58MV(B,C)080–14
CAP**3621A**	1.00	0.94	58MV(B,C)080–20
CNPH*3017A**	1.00	0.94	58MV(B,C)080–20

DETAILED COOLING CAPACITIES# CONTINUED

25HBB330C30 Outdoor Section With FY4ANF030 Indoor Section

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CNPH*3617A**	1.00	0.94	58MV(B,C)080 – 20
CNPV*3621A**	1.00	0.94	58MV(B,C)080 – 20
CSPH*3012A**	1.00	0.94	58MV(B,C)080 – 20
CSPH*3612A**	1.00	0.94	58MV(B,C)080 – 20
CAP**3621A**	1.00	0.94	58MV(B,C)100 – 20
CNPH*3017A**	1.00	0.94	58MV(B,C)100 – 20
CNPH*3617A**	1.00	0.94	58MV(B,C)100 – 20
CNPV*3621A**	1.00	0.94	58MV(B,C)100 – 20
CSPH*3012A**	1.00	0.94	58MV(B,C)100 – 20
CSPH*3612A**	1.00	0.94	58MV(B,C)100 – 20
CNPH*3017A**	1.00	0.94	58MV(B,C)120 – 20
CNPH*3617A**	1.00	0.94	58MV(B,C)120 – 20
CSPH*3012A**	1.00	0.94	58MV(B,C)120 – 20
CSPH*3612A**	1.00	0.90	58MV(B,C)120 – 20
CAP**3017A**	1.00	0.94	58PH*070 – 16
CAP**3617A**	1.00	0.94	58PH*070 – 16
CNPH*3017A**	1.00	0.94	58PH*070 – 16
CNPH*3617A**	1.00	0.94	58PH*070 – 16
CNPV*3017A**	1.00	0.94	58PH*070 – 16
CNPV*3617A**	1.00	0.94	58PH*070 – 16
CSPH*3012A**	1.00	0.94	58PH*070 – 16
CSPH*3612A**	1.00	0.94	58PH*070 – 16
CAP**3621A**	1.00	0.94	58PH*090 – 16
CNPH*3017A**	1.00	0.94	58PH*090 – 16
CNPH*3617A**	1.00	0.94	58PH*090 – 16
CNPV*3621A**	1.00	0.94	58PH*090 – 16
CSPH*3012A**	1.00	0.94	58PH*090 – 16
CSPH*3612A**	1.00	0.94	58PH*090 – 16

See notes on pg. 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 System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
25HBB336C30 Outdoor Section With FY4ANF036 Indoor Section																			
1050	72 (22.2)	40.58	19.33	2.55	38.97	18.85	2.79	37.29	18.35	3.07	35.54	17.83	3.38	33.71	17.28	3.71	31.79	16.72	4.08
	67 (19.4)	36.72	25.14	2.54	35.24	24.63	2.79	33.70	24.09	3.06	32.09	23.52	3.37	30.41	22.92	3.70	28.67	22.27	4.07
	63††(17.2)	33.97	24.06	2.54	32.57	23.54	2.79	31.12	22.99	3.06	29.60	22.40	3.36	28.02	21.78	3.70	26.38	21.10	4.06
	62 (16.7)	34.63	34.63	2.54	33.45	33.45	2.79	32.22	32.22	3.06	30.92	30.92	3.37	29.54	29.54	3.70	28.10	28.10	4.07
	57 (13.9)	34.63	34.63	2.54	33.46	33.46	2.79	32.22	32.22	3.06	30.92	30.92	3.37	29.55	29.55	3.70	28.10	28.10	4.07
1200	72 (22.2)	40.93	20.34	2.63	39.28	19.85	2.88	37.56	19.35	3.15	35.76	18.82	3.46	33.88	18.27	3.80	31.92	17.71	4.16
	67 (19.4)	37.07	26.80	2.63	35.56	26.26	2.87	34.00	25.70	3.15	32.37	25.09	3.45	30.68	24.42	3.79	28.95	23.67	4.15
	63††(17.2)	34.31	25.58	2.62	32.89	25.03	2.87	31.41	24.44	3.14	29.88	23.80	3.45	28.29	23.08	3.78	26.67	26.67	4.14
	62 (16.7)	35.61	35.61	2.63	34.37	34.37	2.87	33.08	33.08	3.15	31.72	31.72	3.45	30.29	30.29	3.79	28.78	28.78	4.15
	57 (13.9)	35.61	35.61	2.63	34.38	34.38	2.87	33.09	33.09	3.15	31.72	31.72	3.45	30.29	30.29	3.79	28.78	28.78	4.15
1350	72 (22.2)	41.17	21.32	2.71	39.48	20.83	2.96	37.72	20.32	3.24	35.89	19.79	3.54	33.98	19.24	3.88	31.98	18.66	4.25
	67 (19.4)	37.34	28.36	2.71	35.82	27.77	2.96	34.25	27.15	3.23	32.61	26.46	3.54	30.95	30.70	3.87	29.30	29.30	4.24
	63††(17.2)	34.58	26.98	2.71	33.14	26.38	2.95	31.66	25.71	3.23	30.14	29.86	3.53	28.61	28.61	3.87	27.09	27.09	4.23
	62 (16.7)	36.39	36.39	2.71	35.10	35.10	2.95	33.76	33.76	3.23	32.35	32.35	3.54	30.87	30.87	3.87	29.30	29.30	4.24
	57 (13.9)	36.39	36.39	2.71	35.11	35.11	2.95	33.77	33.77	3.23	32.36	32.36	3.54	30.87	30.87	3.87	29.31	29.31	4.24

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*FY4ANF036	1.00	1.00	
FE4AN(B,F)003	1.01	0.91	
FE4AN(B,F)005	1.04	0.94	
FE4ANF002	0.99	0.93	
FF1ENP036	0.99	1.02	
FV4BN(B,F)003	1.01	0.91	
FV4BN(B,F)005	1.04	0.94	
FV4BNF002	0.99	0.93	
FX4CN(B,F)036	1.01	0.95	
FX4CN(B,F)042	1.03	0.97	
FY4ANF042	1.02	1.02	
CAP**3614A**	0.99	0.99	
CAP**3617A**	1.00	1.00	
CAP**3621A**	1.00	1.00	
CAP**4221A**	1.01	1.01	
CAP**4224A**	1.01	1.01	
CNPF*3618A**	0.99	0.99	
CNPH*3617A**	0.99	0.99	
CNPH*4221A**	1.01	1.01	
CNPV*3617A**	0.99	0.99	
CNPV*3621A**	0.99	0.99	
CNPV*4217A**	1.02	1.00	
CNPV*4221A**	1.01	1.01	
CSPH*3612A**	1.02	1.02	
CSPH*4212A**	1.03	1.01	
CAP**3614A**	0.99	0.97	58CV(A,X)070–12
CNPH*3617A**	0.99	0.93	58CV(A,X)070–12
CNPH*4221A**	1.00	0.94	58CV(A,X)070–12
CSPH*3612A**	1.01	0.93	58CV(A,X)070–12
CSPH*4212A**	1.02	0.94	58CV(A,X)070–12
CAP**3617A**	0.99	0.92	58CV(A,X)090–16
CNPH*3617A**	0.99	0.92	58CV(A,X)090–16
CNPH*4221A**	1.01	0.93	58CV(A,X)090–16
CNPV*3617A**	0.99	0.92	58CV(A,X)090–16
CNPV*4217A**	1.01	0.91	58CV(A,X)090–16
CSPH*3612A**	1.02	0.92	58CV(A,X)090–16

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CSPH*4212A**	1.02	0.92	58CV(A,X)090–16
CAP**3621A**	1.00	0.92	58CV(A,X)110–20
CAP**4221A**	1.01	0.93	58CV(A,X)110–20
CNPH*3617A**	0.99	0.92	58CV(A,X)110–20
CNPH*4221A**	1.01	0.93	58CV(A,X)110–20
CNPV*3621A**	0.99	0.92	58CV(A,X)110–20
CNPV*4221A**	1.01	0.93	58CV(A,X)110–20
CSPH*3612A**	1.02	0.92	58CV(A,X)110–20
CSPH*4212A**	1.02	0.92	58CV(A,X)110–20
CAP**4224A**	1.01	0.91	58CV(A,X)135–22
CNPH*3617A**	0.99	0.92	58CV(A,X)135–22
CNPH*4221A**	1.01	0.91	58CV(A,X)135–22
CSPH*3612A**	1.02	0.92	58CV(A,X)135–22
CSPH*4212A**	1.02	0.92	58CV(A,X)135–22
CAP**4224A**	1.01	0.91	58CV(A,X)155–22
CNPH*3617A**	0.99	0.92	58CV(A,X)155–22
CNPH*4221A**	1.01	0.91	58CV(A,X)155–22
CSPH*3612A**	1.02	0.92	58CV(A,X)155–22
CSPH*4212A**	1.03	0.93	58CV(A,X)155–22
CAP**3617A**	1.00	0.94	58MEB040–12
CNPH*3617A**	1.00	0.94	58MEB040–12
CNPH*4221A**	1.01	0.91	58MEB040–12
CNPV*3617A**	1.00	0.94	58MEB040–12
CNPV*4217A**	1.02	0.92	58MEB040–12
CSPH*3612A**	1.02	0.92	58MEB040–12
CSPH*4212A**	1.03	0.93	58MEB040–12
CAP**3617A**	1.01	0.94	58MEB060–12
CNPH*3617A**	1.00	0.94	58MEB060–12
CNPH*4221A**	1.01	0.95	58MEB060–12
CNPV*3617A**	1.00	0.94	58MEB060–12
CNPV*4217A**	1.02	0.92	58MEB060–12
CSPH*3612A**	1.02	0.96	58MEB060–12
CSPH*4212A**	1.04	0.93	58MEB060–12
CAP**3617A**	1.00	0.94	58MEB080–12
CNPH*3617A**	0.99	0.93	58MEB080–12
CNPH*4221A**	1.01	0.95	58MEB080–12

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CNPV*3617A**	0.99	0.93	58MEB080–12
CNPV*4217A**	1.02	0.92	58MEB080–12
CSPH*3612A**	1.02	0.92	58MEB080–12
CSPH*4212A**	1.03	0.93	58MEB080–12
CAP**3617A**	1.01	0.94	58MEB080–16
CNPH*3617A**	1.00	0.94	58MEB080–16
CNPH*4221A**	1.01	0.95	58MEB080–16
CNPV*3617A**	1.00	0.94	58MEB080–16
CNPV*4217A**	1.02	0.92	58MEB080–16
CSPH*3612A**	1.02	0.92	58MEB080–16
CSPH*4212A**	1.04	0.93	58MEB080–16
CAP**3621A**	1.01	0.91	58MEB100–20
CAP**4221A**	1.01	0.91	58MEB100–20
CNPH*3617A**	0.99	0.93	58MEB100–20
CNPH*4221A**	1.01	0.91	58MEB100–20
CNPV*3621A**	0.99	0.93	58MEB100–20
CNPV*4221A**	1.01	0.91	58MEB100–20
CSPH*3612A**	1.02	0.92	58MEB100–20
CSPH*4212A**	1.03	0.93	58MEB100–20
CAP**4224A**	1.00	0.92	58MV(B,C)040–14
CNPH*3617A**	0.99	0.93	58MV(B,C)040–14
CNPH*4221A**	1.00	0.94	58MV(B,C)040–14
CSPH*3612A**	1.01	0.93	58MV(B,C)040–14
CSPH*4212A**	1.02	0.94	58MV(B,C)040–14
CAP**3617A**	1.00	0.94	58MV(B,C)060–14
CNPH*3617A**	0.99	0.93	58MV(B,C)060–14
CNPH*4221A**	1.01	0.93	58MV(B,C)060–14
CNPV*3617A**	0.99	0.93	58MV(B,C)060–14
CNPV*4217A**	1.02	0.96	58MV(B,C)060–14
CSPH*3612A**	1.02	0.94	58MV(B,C)060–14
CSPH*4212A**	1.03	0.93	58MV(B,C)060–14
CAP**3621A**	0.99	0.93	58MV(B,C)080–14
CAP**4221A**	1.01	0.93	58MV(B,C)080–14
CNPH*3617A**	0.99	0.93	58MV(B,C)080–14
CNPH*4221A**	1.01	0.94	58MV(B,C)080–14
CNPV*3621A**	0.99	0.93	58MV(B,C)080–14

DETAILED COOLING CAPACITIES# CONTINUED

25HBB336C30 Outdoor Section With FY4ANF036 Indoor Section

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CNPV*4221A**	1.01	0.94	58MV(B,C)080–14
CSPH*3612A**	1.02	0.94	58MV(B,C)080–14
CSPH*4212A**	1.02	0.94	58MV(B,C)080–14
CAP**3621A**	0.99	0.92	58MV(B,C)080–20
CAP**4221A**	1.00	0.92	58MV(B,C)080–20
CNPH*3617A**	0.99	0.93	58MV(B,C)080–20
CNPH*4221A**	1.00	0.92	58MV(B,C)080–20
CNPV*3621A**	0.99	0.93	58MV(B,C)080–20
CNPV*4221A**	1.00	0.92	58MV(B,C)080–20
CSPH*3612A**	1.02	0.94	58MV(B,C)080–20
CSPH*4212A**	1.02	0.94	58MV(B,C)080–20
CAP**3621A**	1.00	0.92	58MV(B,C)100–20
CAP**4221A**	1.01	0.93	58MV(B,C)100–20
CNPH*3617A**	0.99	0.93	58MV(B,C)100–20
CNPH*4221A**	1.01	0.93	58MV(B,C)100–20
CNPV*3621A**	0.99	0.93	58MV(B,C)100–20
CNPV*4221A**	1.01	0.93	58MV(B,C)100–20
CSPH*3612A**	1.02	0.94	58MV(B,C)100–20
CSPH*4212A**	1.02	0.92	58MV(B,C)100–20
CAP**4224A**	1.01	0.91	58MV(B,C)120–20
CNPH*3617A**	0.99	0.92	58MV(B,C)120–20
CNPH*4221A**	1.01	0.93	58MV(B,C)120–20
CSPH*3612A**	1.02	0.92	58MV(B,C)120–20
CSPH*4212A**	1.02	0.92	58MV(B,C)120–20
CAP**3617A**	0.99	0.93	58PH*070–16
CNPH*3617A**	0.99	0.97	58PH*070–16
CNPH*4221A**	1.01	0.94	58PH*070–16
CNPV*3617A**	0.99	0.97	58PH*070–16
CNPV*4217A**	1.01	0.95	58PH*070–16
CSPH*3612A**	1.02	0.96	58PH*070–16
CSPH*4212A**	1.02	0.94	58PH*070–16
CAP**3621A**	1.01	0.93	58PH*090–16
CAP**4221A**	1.01	0.91	58PH*090–16
CNPH*3617A**	1.00	0.92	58PH*090–16
CNPH*4221A**	1.01	0.93	58PH*090–16
CNPV*3621A**	1.00	0.92	58PH*090–16
CNPV*4221A**	1.01	0.91	58PH*090–16
CSPH*3612A**	1.02	0.92	58PH*090–16
CSPH*4212A**	1.04	0.93	58PH*090–16
CAP**3621A**	1.01	0.91	58PH*110–20
CAP**4221A**	1.02	0.92	58PH*110–20
CNPH*3617A**	1.00	0.92	58PH*110–20
CNPH*4221A**	1.02	0.92	58PH*110–20
CNPV*3621A**	1.00	0.92	58PH*110–20
CNPV*4221A**	1.02	0.92	58PH*110–20
CSPH*3612A**	1.03	0.93	58PH*110–20
CSPH*4212A**	1.04	0.93	58PH*110–20

See notes on pg. 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 System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
25HBB342C30 Outdoor Section With FY4ANF042 Indoor Section																			
1225	72 (22.2)	49.87	23.55	2.88	47.74	22.90	3.25	45.58	22.23	3.63	43.38	21.57	4.02	41.14	20.89	4.43	38.87	20.20	4.84
	67 (19.4)	45.01	30.40	2.97	43.07	29.71	3.32	41.10	29.02	3.69	39.11	28.32	4.06	37.09	27.61	4.45	35.04	26.87	4.85
	63††(17.2)	41.59	29.11	3.04	39.78	28.42	3.38	37.94	27.73	3.73	36.08	27.02	4.09	34.20	26.30	4.47	32.30	25.54	4.85
	62 (16.7)	41.98	41.98	3.03	40.47	40.47	3.37	38.93	38.93	3.72	37.36	37.36	4.08	35.74	35.74	4.46	34.08	34.08	4.85
	57 (13.9)	41.98	41.98	3.03	40.48	40.48	3.37	38.94	38.94	3.72	37.36	37.36	4.08	35.75	35.75	4.46	34.09	34.09	4.85
1400	72 (22.2)	50.40	24.77	2.96	48.20	24.11	3.33	45.97	23.44	3.71	43.71	22.76	4.11	41.41	22.08	4.52	39.07	21.37	4.94
	67 (19.4)	45.51	32.43	3.05	43.52	31.72	3.41	41.50	31.00	3.77	39.47	30.26	4.15	37.41	29.49	4.54	35.34	28.68	4.95
	63††(17.2)	42.05	30.97	3.12	40.20	30.26	3.46	38.32	29.53	3.82	36.43	28.77	4.18	34.52	27.98	4.56	32.61	27.11	4.95
	62 (16.7)	43.26	43.26	3.09	41.67	41.67	3.44	40.05	40.05	3.79	38.39	38.39	4.16	36.69	36.69	4.55	34.94	34.94	4.95
	57 (13.9)	43.26	43.26	3.09	41.68	41.68	3.44	40.06	40.06	3.79	38.40	38.40	4.16	36.70	36.70	4.55	34.95	34.95	4.95
1575	72 (22.2)	50.75	25.93	3.04	48.50	25.25	3.41	46.22	24.58	3.80	43.90	23.89	4.20	41.55	23.21	4.61	39.16	22.49	5.03
	67 (19.4)	45.88	34.33	3.13	43.85	33.58	3.49	41.80	32.81	3.86	39.74	32.00	4.24	37.69	31.12	4.63	35.63	35.63	5.04
	63††(17.2)	42.39	32.70	3.20	40.51	31.94	3.55	38.61	31.15	3.90	36.71	30.28	4.27	34.81	34.72	4.65	33.02	33.02	5.04
	62 (16.7)	44.30	44.30	3.16	42.64	42.64	3.51	40.95	40.95	3.87	39.21	39.21	4.25	37.44	37.44	4.63	35.62	35.62	5.04
	57 (13.9)	44.31	44.31	3.16	42.65	42.65	3.51	40.95	40.95	3.87	39.22	39.22	4.25	37.44	37.44	4.63	35.62	35.62	5.04

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*FY4ANF042	1.00	1.00	
FE4AN(B,F)003	0.98	0.89	
FE4AN(B,F)005	1.01	0.89	
FV4BN(B,F)003	0.98	0.89	
FV4BN(B,F)005	1.01	0.89	
FX4CN(B,F)042	1.01	0.95	
FX4CN(B,F)048	1.01	0.93	
FY4ANF048	1.01	1.01	
CAP**4221A**	0.99	0.99	
CAP**4224A**	0.99	0.99	
CAP**4817A**	1.01	0.97	
CAP**4821A**	1.00	1.00	
CAP**4824A**	1.00	1.00	
CNPF*4818A**	1.00	1.00	
CNPH*4221A**	0.99	0.99	
CNPH*4821A**	1.00	1.00	
CNPV*4217A**	1.00	1.00	
CNPV*4221A**	0.99	0.99	
CNPV*4821A**	1.00	1.00	
CNPV*4824A**	1.00	1.00	
CSPH*4212A**	1.01	1.01	
CSPH*4812A**	1.01	1.01	
CNPH*4221A**	0.98	0.93	58CV(A,X)070–12
CNPH*4821A**	0.99	0.93	58CV(A,X)070–12
CSPH*4212A**	1.00	0.94	58CV(A,X)070–12
CSPH*4812A**	1.00	0.94	58CV(A,X)070–12
CAP**4817A**	1.00	0.92	58CV(A,X)090–16
CNPH*4221A**	0.98	0.92	58CV(A,X)090–16
CNPH*4821A**	1.00	0.92	58CV(A,X)090–16
CNPV*4217A**	0.99	0.91	58CV(A,X)090–16
CSPH*4212A**	1.00	0.92	58CV(A,X)090–16
CSPH*4812A**	1.00	0.92	58CV(A,X)090–16
CAP**4221A**	0.98	0.89	58CV(A,X)110–20
CAP**4821A**	1.00	0.92	58CV(A,X)110–20
CNPH*4221A**	0.98	0.92	58CV(A,X)110–20
CNPH*4821A**	1.00	0.92	58CV(A,X)110–20
CNPV*4221A**	0.98	0.92	58CV(A,X)110–20
CNPV*4821A**	1.00	0.92	58CV(A,X)110–20

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CSPH*4212A**	1.00	0.92	58CV(A,X)110–20
CSPH*4812A**	1.01	0.93	58CV(A,X)110–20
CAP**4224A**	0.98	0.89	58CV(A,X)135–22
CAP**4824A**	1.00	0.92	58CV(A,X)135–22
CNPH*4221A**	0.99	0.91	58CV(A,X)135–22
CNPH*4821A**	1.00	0.92	58CV(A,X)135–22
CNPV*4824A**	1.00	0.92	58CV(A,X)135–22
CSPH*4212A**	1.00	0.92	58CV(A,X)135–22
CSPH*4812A**	1.01	0.93	58CV(A,X)135–22
CAP**4224A**	0.98	0.89	58CV(A,X)155–22
CAP**4824A**	1.00	0.92	58CV(A,X)155–22
CNPH*4221A**	0.98	0.89	58CV(A,X)155–22
CNPH*4821A**	1.00	0.92	58CV(A,X)155–22
CNPV*4824A**	1.00	0.92	58CV(A,X)155–22
CSPH*4212A**	1.00	0.92	58CV(A,X)155–22
CSPH*4812A**	1.01	0.93	58CV(A,X)155–22
CAP**4817A**	1.01	0.93	58MEB040–12
CNPH*4221A**	0.99	0.93	58MEB040–12
CNPH*4821A**	1.00	0.92	58MEB040–12
CNPV*4217A**	0.99	0.93	58MEB040–12
CSPH*4212A**	1.00	0.92	58MEB040–12
CSPH*4812A**	1.01	0.93	58MEB040–12
CAP**4817A**	1.01	0.93	58MEB060–12
CNPH*4221A**	0.98	0.92	58MEB060–12
CNPH*4821A**	1.00	0.92	58MEB060–12
CNPV*4217A**	0.99	0.93	58MEB060–12
CSPH*4212A**	1.00	0.92	58MEB060–12
CSPH*4812A**	1.01	0.93	58MEB060–12
CAP**4817A**	1.01	0.93	58MEB080–12
CNPH*4221A**	0.98	0.92	58MEB080–12
CNPH*4821A**	1.00	0.92	58MEB080–12
CNPV*4217A**	0.99	0.91	58MEB080–12
CSPH*4212A**	1.00	0.92	58MEB080–12
CSPH*4812A**	1.01	0.93	58MEB080–12
CAP**4817A**	1.00	0.92	58MEB080–16
CNPH*4221A**	0.98	0.92	58MEB080–16
CNPH*4821A**	1.00	0.92	58MEB080–16
CNPV*4217A**	0.99	0.91	58MEB080–16

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CSPH*4212A**	1.00	0.92	58MEB080–16
CSPH*4812A**	1.00	0.92	58MEB080–16
CAP**4221A**	0.99	0.91	58MEB100–20
CAP**4821A**	1.00	0.92	58MEB100–20
CNPH*4221A**	0.98	0.89	58MEB100–20
CNPH*4821A**	1.00	0.92	58MEB100–20
CNPV*4221A**	0.98	0.89	58MEB100–20
CNPV*4821A**	1.00	0.92	58MEB100–20
CSPH*4212A**	1.00	0.92	58MEB100–20
CSPH*4812A**	1.01	0.93	58MEB100–20
CAP**4224A**	0.99	0.91	58MEB120–20
CAP**4824A**	1.00	0.92	58MEB120–20
CNPH*4221A**	0.99	0.91	58MEB120–20
CNPH*4821A**	1.01	0.93	58MEB120–20
CNPV*4824A**	1.01	0.93	58MEB120–20
CSPH*4212A**	1.01	0.93	58MEB120–20
CSPH*4812A**	1.01	0.93	58MEB120–20
CAP**4224A**	0.98	0.93	58MV(B,C)040–14
CAP**4824A**	0.99	0.93	58MV(B,C)040–14
CNPH*4221A**	0.98	0.93	58MV(B,C)040–14
CNPH*4821A**	0.99	0.91	58MV(B,C)040–14
CNPV*4824A**	0.99	0.91	58MV(B,C)040–14
CSPH*4212A**	0.99	0.93	58MV(B,C)040–14
CSPH*4812A**	1.00	0.94	58MV(B,C)040–14
CAP**4817A**	1.01	0.93	58MV(B,C)060–14
CNPH*4221A**	0.99	0.93	58MV(B,C)060–14
CNPH*4821A**	1.00	0.92	58MV(B,C)060–14
CNPV*4217A**	0.99	0.94	58MV(B,C)060–14
CSPH*4212A**	1.00	0.92	58MV(B,C)060–14
CSPH*4812A**	1.01	0.93	58MV(B,C)060–14
CAP**4221A**	0.98	0.93	58MV(B,C)080–14
CAP**4821A**	0.99	0.93	58MV(B,C)080–14
CNPH*4221A**	0.98	0.93	58MV(B,C)080–14
CNPH*4821A**	1.00	0.92	58MV(B,C)080–14
CNPV*4221A**	0.98	0.96	58MV(B,C)080–14
CNPV*4821A**	1.00	0.94	58MV(B,C)080–14
CSPH*4212A**	1.00	0.94	58MV(B,C)080–14
CSPH*4812A**	1.00	0.94	58MV(B,C)080–14

DETAILED COOLING CAPACITIES# CONTINUED

25HBB342C30 Outdoor Section With FY4ANF042 Indoor Section

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CAP**4221A**	0.98	0.92	58MV(B,C)080–20
CAP**4821A**	0.99	0.91	58MV(B,C)080–20
CNPH*4221A**	0.98	0.93	58MV(B,C)080–20
CNPH*4821A**	1.00	0.92	58MV(B,C)080–20
CNPV*4221A**	0.98	0.93	58MV(B,C)080–20
CNPV*4821A**	1.00	0.92	58MV(B,C)080–20
CSPH*4212A**	1.00	0.92	58MV(B,C)080–20
CSPH*4812A**	1.00	0.92	58MV(B,C)080–20
CAP**4221A**	0.98	0.92	58MV(B,C)100–20
CAP**4821A**	0.99	0.91	58MV(B,C)100–20
CNPH*4221A**	0.98	0.93	58MV(B,C)100–20
CNPH*4821A**	0.99	0.91	58MV(B,C)100–20
CNPV*4221A**	0.98	0.93	58MV(B,C)100–20
CNPV*4821A**	0.99	0.91	58MV(B,C)100–20
CSPH*4212A**	0.99	0.91	58MV(B,C)100–20
CSPH*4812A**	1.00	0.92	58MV(B,C)100–20
CAP**4224A**	0.98	0.89	58MV(B,C)120–20
CAP**4824A**	1.00	0.92	58MV(B,C)120–20
CNPH*4221A**	0.98	0.92	58MV(B,C)120–20
CNPH*4821A**	1.00	0.92	58MV(B,C)120–20
CNPV*4824A**	1.00	0.92	58MV(B,C)120–20
CSPH*4212A**	1.00	0.92	58MV(B,C)120–20
CSPH*4812A**	1.00	0.92	58MV(B,C)120–20
CAP**4817A**	1.00	0.96	58PH*070–16
CNPH*4221A**	0.98	0.98	58PH*070–16
CNPH*4821A**	1.00	0.96	58PH*070–16
CNPV*4217A**	0.99	0.94	58PH*070–16
CSPH*4212A**	1.00	0.96	58PH*070–16
CSPH*4812A**	1.00	0.96	58PH*070–16
CAP**4221A**	0.98	0.89	58PH*090–16
CAP**4821A**	1.00	0.92	58PH*090–16
CNPH*4221A**	0.98	0.89	58PH*090–16
CNPH*4821A**	1.00	0.92	58PH*090–16
CNPV*4221A**	0.98	0.89	58PH*090–16
CNPV*4821A**	1.00	0.92	58PH*090–16
CSPH*4212A**	1.00	0.92	58PH*090–16
CSPH*4812A**	1.01	0.93	58PH*090–16
CAP**4221A**	0.99	0.91	58PH*110–20
CAP**4821A**	1.00	0.92	58PH*110–20
CNPH*4221A**	0.98	0.89	58PH*110–20
CNPH*4821A**	1.00	0.92	58PH*110–20
CNPV*4221A**	0.98	0.89	58PH*110–20
CNPV*4821A**	1.00	0.92	58PH*110–20
CSPH*4212A**	1.00	0.92	58PH*110–20
CSPH*4812A**	1.01	0.93	58PH*110–20
CAP**4224A**	0.99	0.91	58PH*135–20
CAP**4824A**	1.00	0.92	58PH*135–20
CNPH*4221A**	0.98	0.89	58PH*135–20
CNPH*4821A**	1.00	0.92	58PH*135–20
CNPV*4824A**	1.00	0.92	58PH*135–20
CSPH*4212A**	1.00	0.92	58PH*135–20
CSPH*4812A**	1.00	0.92	58PH*135–20

See notes on pg. 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 System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
25HBB348C30 Outdoor Section With FY4ANF048 Indoor Section																			
1400	72 (22.2)	55.91	28.69	3.27	53.17	27.61	3.69	50.32	26.51	4.14	47.35	25.37	4.62	44.22	24.19	5.14	40.79	22.92	5.68
	67 (19.4)	50.94	35.60	3.29	48.42	34.50	3.70	45.81	33.38	4.14	43.09	32.22	4.62	40.22	31.01	5.13	37.12	29.72	5.67
	63††(17.2)	47.30	34.42	3.30	44.94	33.31	3.71	42.50	32.19	4.14	39.97	31.03	4.61	37.30	29.83	5.12	34.43	28.54	5.65
	62 (16.7)	46.36	42.46	3.30	44.07	41.31	3.71	41.71	40.11	4.14	39.29	38.83	4.61	36.88	36.88	5.12	34.55	34.55	5.66
	57 (13.9)	44.73	44.73	3.31	42.90	42.90	3.71	41.00	41.00	4.14	39.01	39.01	4.61	36.88	36.88	5.12	34.55	34.55	5.66
1600	72 (22.2)	56.87	29.96	3.35	54.02	28.87	3.77	51.05	27.75	4.22	47.97	26.60	4.70	44.71	25.39	5.22	41.17	24.10	5.77
	67 (19.4)	51.86	37.77	3.37	49.23	36.65	3.78	46.50	35.50	4.23	43.67	34.31	4.70	40.70	33.08	5.21	37.49	31.75	5.76
	63††(17.2)	48.18	36.45	3.38	45.72	35.32	3.79	43.17	34.17	4.23	40.54	32.99	4.70	37.77	31.75	5.21	34.80	30.43	5.74
	62 (16.7)	47.31	45.39	3.38	44.96	44.14	3.79	42.55	42.48	4.23	40.37	40.37	4.70	38.10	38.10	5.21	35.62	35.62	5.75
	57 (13.9)	46.48	46.48	3.39	44.53	44.53	3.79	42.50	42.50	4.23	40.37	40.37	4.70	38.10	38.10	5.21	35.62	35.62	5.75
1800	72 (22.2)	57.57	31.16	3.43	54.63	30.06	3.85	51.56	28.92	4.30	48.39	27.76	4.79	45.04	26.54	5.31	41.40	25.23	5.85
	67 (19.4)	52.52	39.83	3.45	49.80	38.69	3.87	46.99	37.52	4.31	44.08	36.31	4.79	41.02	35.05	5.30	37.74	33.67	5.84
	63††(17.2)	48.83	38.38	3.46	46.28	37.23	3.87	43.66	36.06	4.31	40.94	34.84	4.79	38.10	33.58	5.29	35.06	32.20	5.83
	62 (16.7)	48.14	47.96	3.47	45.86	45.86	3.87	43.72	43.72	4.31	41.48	41.48	4.79	39.09	39.09	5.30	36.47	36.47	5.84
	57 (13.9)	47.92	47.92	3.47	45.87	45.87	3.87	43.73	43.73	4.31	41.48	41.48	4.79	39.10	39.10	5.30	36.47	36.47	5.84

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*FY4ANF048	1.00	1.00	
FE4AN(B,F)005	1.00	0.92	
FE4ANB006	1.02	0.90	
FV4BN(B,F)005	1.00	0.92	
FV4BNB006	1.02	0.90	
FX4CN(B,F)048	1.01	0.97	
FX4CN(B,F)060	1.03	0.95	
FY4ANB060	1.01	1.01	
CAP**4817A**	0.98	0.98	
CAP**4821A**	0.99	0.99	
CAP**4824A**	0.99	0.99	
CAP**6021A**	1.01	1.01	
CAP**6024A**	1.01	1.01	
CNPF*4818A**	0.97	0.97	
CNPH*4821A**	0.99	0.99	
CNPH*6024A**	1.01	1.01	
CNPV*4821A**	0.99	0.99	
CNPV*4824A**	0.99	0.99	
CNPV*6024A**	1.01	1.01	
CSPH*4812A**	1.00	1.00	
CSPH*6012A**	1.01	0.97	
CAP**4817A**	0.98	0.94	58CV(A,X)090–16
CNPH*4821A**	0.98	0.94	58CV(A,X)090–16
CNPH*6024A**	1.00	0.92	58CV(A,X)090–16
CSPH*4812A**	0.99	0.95	58CV(A,X)090–16
CSPH*6012A**	1.00	0.92	58CV(A,X)090–16
CAP**4821A**	0.98	0.94	58CV(A,X)110–20
CAP**6021A**	1.00	0.92	58CV(A,X)110–20
CNPH*4821A**	0.98	0.94	58CV(A,X)110–20
CNPH*6024A**	1.00	0.92	58CV(A,X)110–20
CNPV*4821A**	0.98	0.94	58CV(A,X)110–20
CSPH*4812A**	0.99	0.95	58CV(A,X)110–20
CSPH*6012A**	1.00	0.92	58CV(A,X)110–20
CAP**4824A**	0.98	0.94	58CV(A,X)135–22
CAP**6024A**	1.00	0.92	58CV(A,X)135–22
CNPH*4821A**	0.98	0.90	58CV(A,X)135–22
CNPH*6024A**	1.00	0.92	58CV(A,X)135–22
CNPV*4824A**	0.98	0.90	58CV(A,X)135–22
CNPV*6024A**	1.00	0.92	58CV(A,X)135–22
CSPH*4812A**	0.99	0.95	58CV(A,X)135–22
CSPH*6012A**	1.01	0.93	58CV(A,X)135–22
CAP**4824A**	0.98	0.90	58CV(A,X)155–22
CAP**6024A**	1.01	0.93	58CV(A,X)155–22
CNPH*4821A**	0.99	0.91	58CV(A,X)155–22
CNPH*6024A**	1.00	0.92	58CV(A,X)155–22
CNPV*4824A**	0.99	0.91	58CV(A,X)155–22
CNPV*6024A**	1.00	0.92	58CV(A,X)155–22
CSPH*4812A**	0.99	0.91	58CV(A,X)155–22
CSPH*6012A**	1.01	0.93	58CV(A,X)155–22
CAP**4817A**	0.99	0.95	58MEB080–16
CNPH*4821A**	0.98	0.94	58MEB080–16
CNPH*6024A**	1.00	0.96	58MEB080–16
CSPH*4812A**	0.99	0.95	58MEB080–16
CSPH*6012A**	1.01	0.97	58MEB080–16
CAP**4821A**	0.98	0.94	58MEB100–20
CAP**6021A**	1.01	0.93	58MEB100–20
CNPH*4821A**	0.99	0.95	58MEB100–20
CNPH*6024A**	1.01	0.93	58MEB100–20
CNPV*4821A**	0.99	0.95	58MEB100–20
CSPH*4812A**	0.99	0.95	58MEB100–20
CSPH*6012A**	1.01	0.93	58MEB100–20
CAP**4824A**	0.99	0.95	58MEB120–20
CAP**6024A**	1.01	0.93	58MEB120–20
CNPH*4821A**	0.99	0.95	58MEB120–20
CNPH*6024A**	1.01	0.93	58MEB120–20
CNPV*4824A**	0.99	0.95	58MEB120–20
CNPV*6024A**	1.01	0.93	58MEB120–20
CSPH*4812A**	1.00	0.96	58MEB120–20
CSPH*6012A**	1.01	0.93	58MEB120–20
CAP**4821A**	0.97	0.93	58MV(B,C)080–20
CAP**6021A**	0.99	0.95	58MV(B,C)080–20
CNPH*4821A**	0.97	0.93	58MV(B,C)080–20
CNPH*6024A**	0.99	0.95	58MV(B,C)080–20
CNPV*4821A**	0.97	0.93	58MV(B,C)080–20
CNPV*6024A**	0.99	0.91	58MV(B,C)080–20
CSPH*4812A**	0.98	0.94	58MV(B,C)080–20
CSPH*6012A**	1.00	0.96	58MV(B,C)080–20
CAP**4821A**	0.98	0.94	58MV(B,C)100–20
CAP**6021A**	1.00	0.96	58MV(B,C)100–20
CNPH*4821A**	0.98	0.94	58MV(B,C)100–20
CNPH*6024A**	1.00	0.96	58MV(B,C)100–20
CNPV*4821A**	0.98	0.94	58MV(B,C)100–20
CSPH*4812A**	0.99	0.95	58MV(B,C)100–20
CSPH*6012A**	1.00	0.96	58MV(B,C)100–20
CAP**4824A**	0.98	0.94	58MV(B,C)120–20
CAP**6024A**	1.00	0.92	58MV(B,C)120–20
CNPH*4821A**	0.98	0.94	58MV(B,C)120–20
CNPH*6024A**	1.00	0.92	58MV(B,C)120–20
CNPV*4824A**	0.98	0.94	58MV(B,C)120–20
CNPV*6024A**	1.00	0.92	58MV(B,C)120–20
CSPH*4812A**	0.99	0.95	58MV(B,C)120–20
CSPH*6012A**	1.00	0.92	58MV(B,C)120–20
CAP**4817A**	0.97	0.97	58PH*070–16
CNPH*4821A**	0.98	0.98	58PH*070–16
CNPH*6024A**	0.99	0.99	58PH*070–16
CSPH*4812A**	0.98	0.98	58PH*070–16
CSPH*6012A**	1.00	1.00	58PH*070–16
CAP**4821A**	0.98	0.94	58PH*090–16
CAP**6021A**	1.01	0.93	58PH*090–16
CNPH*4821A**	0.99	0.95	58PH*090–16
CNPH*6024A**	1.00	0.92	58PH*090–16
CNPV*4821A**	0.99	0.95	58PH*090–16
CSPH*4812A**	0.99	0.95	58PH*090–16
CSPH*6012A**	1.01	0.93	58PH*090–16
CAP**4821A**	0.98	0.94	58PH*110–20
CAP**6021A**	1.01	0.93	58PH*110–20
CNPH*4821A**	0.99	0.91	58PH*110–20
CNPH*6024A**	1.01	0.93	58PH*110–20
CNPV*4821A**	0.99	0.91	58PH*110–20

DETAILED COOLING CAPACITIES# CONTINUED

25HBB348C30 Outdoor Section With FY4ANF048 Indoor Section

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CSPH*4812A**	0.99	0.91	58PH*110–20
CSPH*6012A**	1.01	0.93	58PH*110–20
CAP**4824A**	0.98	0.94	58PH*135–20
CAP**6024A**	1.01	0.93	58PH*135–20
CNPH*4821A**	0.99	0.95	58PH*135–20
CNPH*6024A**	1.01	0.93	58PH*135–20
CNPV*4824A**	0.99	0.95	58PH*135–20
CNPV*6024A**	1.01	0.93	58PH*135–20
CSPH*4812A**	0.99	0.95	58PH*135–20
CSPH*6012A**	1.01	0.93	58PH*135–20

See notes on pg. 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 System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**	Capacity MBtuh		Total System KW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
25HBB360C30 Outdoor Section With FY4ANB060 Indoor Section																			
1750	72 (22.2)	71.76	35.94	4.48	68.33	34.62	4.91	64.65	33.23	5.39	60.80	31.79	5.92	56.64	30.26	6.49	52.03	28.59	7.10
	67 (19.4)	65.75	44.85	4.41	62.59	43.50	4.85	59.22	42.08	5.33	55.68	40.61	5.85	51.88	39.05	6.42	47.68	37.35	7.04
	63††(17.2)	61.32	43.48	4.36	58.35	42.12	4.80	55.22	40.70	5.28	51.91	39.23	5.80	48.37	37.67	6.37	44.49	35.97	6.99
	62 (16.7)	60.14	53.68	4.35	57.25	52.27	4.79	54.21	50.77	5.27	51.03	49.15	5.79	47.77	47.77	6.37	44.57	44.57	6.99
	57 (13.9)	58.03	58.03	4.33	55.71	55.71	4.77	53.25	53.25	5.25	50.62	50.62	5.79	47.77	47.77	6.37	44.58	44.58	6.99
2000	72 (22.2)	72.84	37.47	4.61	69.29	36.15	5.04	65.46	34.73	5.52	61.46	33.27	6.05	57.15	31.72	6.61	52.40	30.03	7.22
	67 (19.4)	66.81	47.52	4.54	63.51	46.15	4.98	60.00	44.70	5.45	56.33	43.20	5.98	52.38	41.61	6.55	48.05	39.86	7.16
	63††(17.2)	62.36	45.98	4.49	59.27	44.60	4.92	56.00	43.16	5.40	52.57	41.65	5.93	48.90	40.06	6.50	44.88	38.31	7.11
	62 (16.7)	61.27	57.34	4.48	58.29	55.81	4.92	55.21	54.85	5.40	52.27	52.27	5.93	49.22	49.22	6.51	45.82	45.82	7.13
	57 (13.9)	60.18	60.18	4.47	57.71	57.71	4.91	55.07	55.07	5.39	52.27	52.27	5.93	49.23	49.23	6.51	45.82	45.82	7.13
2250	72 (22.2)	73.63	38.93	4.73	69.95	37.59	5.17	66.00	36.16	5.65	61.89	34.68	6.17	57.46	33.11	6.74	52.59	31.41	7.35
	67 (19.4)	67.55	50.06	4.67	64.15	48.67	5.10	60.52	47.20	5.58	56.75	45.67	6.10	52.70	44.03	6.67	48.27	42.23	7.28
	63††(17.2)	63.11	48.36	4.62	59.91	46.96	5.05	56.54	45.49	5.53	53.00	43.95	6.05	49.24	42.31	6.62	45.12	40.50	7.23
	62 (16.7)	62.22	60.55	4.61	59.32	59.32	5.04	56.54	56.54	5.53	53.58	53.58	6.06	50.37	50.37	6.64	46.79	46.79	7.26
	57 (13.9)	61.93	61.93	4.60	59.32	59.32	5.04	56.54	56.54	5.53	53.59	53.59	6.06	50.38	50.38	6.64	46.79	46.79	7.26

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*FY4ANB060	1.00	1.00	
FE4ANB006	1.00	0.92	
FV4BNB006	1.00	0.92	
FX4CN(B,F)060	1.00	0.92	
CAP**6021A**	0.98	0.98	
CAP**6024A**	1.00	1.00	
CNPH*6024A**	0.99	0.99	
CNPV*6024A**	0.99	0.99	
CSPH*6012A**	1.00	1.00	
CAP**6021A**	0.98	0.94	58CV(A,X)110–20
CNPH*6024A**	0.98	0.93	58CV(A,X)110–20
CSPH*6012A**	0.98	0.94	58CV(A,X)110–20
CAP**6024A**	0.98	0.94	58CV(A,X)135–22
CNPH*6024A**	0.98	0.93	58CV(A,X)135–22
CNPV*6024A**	0.98	0.93	58CV(A,X)135–22
CSPH*6012A**	0.98	0.94	58CV(A,X)135–22

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CAP**6024A**	0.98	0.94	58CV(A,X)155–22
CNPH*6024A**	0.98	0.94	58CV(A,X)155–22
CNPV*6024A**	0.98	0.94	58CV(A,X)155–22
CSPH*6012A**	0.99	0.91	58CV(A,X)155–22
CNPH*6024A**	0.97	0.92	58MEB080–16
CSPH*6012A**	0.98	0.93	58MEB080–16
CAP**6021A**	0.98	0.93	58MEB100–20
CNPH*6024A**	0.98	0.93	58MEB100–20
CSPH*6012A**	0.98	0.94	58MEB100–20
CAP**6024A**	0.98	0.94	58MEB120–20
CNPH*6024A**	0.98	0.93	58MEB120–20
CNPV*6024A**	0.98	0.93	58MEB120–20
CSPH*6012A**	0.98	0.94	58MEB120–20
CAP**6021A**	0.98	0.98	58MV(B,C)080–20
CNPH*6024A**	0.97	0.97	58MV(B,C)080–20

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CSPH*6012A**	0.98	0.98	58MV(B,C)080–20
CAP**6021A**	0.97	0.97	58MV(B,C)100–20
CNPH*6024A**	0.97	0.97	58MV(B,C)100–20
CSPH*6012A**	0.98	0.98	58MV(B,C)100–20
CAP**6024A**	0.98	0.98	58MV(B,C)120–20
CNPH*6024A**	0.98	0.98	58MV(B,C)120–20
CNPV*6024A**	0.98	0.98	58MV(B,C)120–20
CSPH*6012A**	0.98	0.94	58MV(B,C)120–20
CAP**6021A**	0.98	0.94	58PH*110–20
CNPH*6024A**	0.98	0.94	58PH*110–20
CSPH*6012A**	0.99	0.95	58PH*110–20
CAP**6024A**	0.98	0.93	58PH*135–20
CNPH*6024A**	0.98	0.93	58PH*135–20
CNPV*6024A**	0.98	0.93	58PH*135–20
CSPH*6012A**	0.98	0.94	58PH*135–20

* 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 (27°C) 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)		
EDB	CFM	Capacity MBtuh		Total Syst. KW†	Capacity MBtuh		Total Syst. KW†	Capacity MBtuh		Total Syst. KW†	Capacity MBtuh		Total Syst. KW†	Capacity MBtuh		Total Syst. KW†	Capacity MBtuh		Total Syst. KW†	Capacity MBtuh		Total Syst. KW†	Capacity MBtuh		Total Syst. KW†
		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*	
25HBB318C30 Outdoor Section With FY4ANF018 Indoor Section																									
65	525	6.25	5.75	1.28	8.15	7.49	1.31	10.21	9.31	1.34	12.53	11.13	1.37	15.16	13.79	1.41	18.07	18.07	1.46	21.16	21.16	1.52	23.84	23.84	1.58
	600	6.43	5.91	1.31	8.33	7.66	1.34	10.41	9.49	1.37	12.77	11.34	1.39	15.44	14.05	1.43	18.35	18.35	1.48	21.20	21.20	1.53	23.49	23.49	1.58
	675	6.59	6.06	1.35	8.50	7.81	1.37	10.59	9.66	1.39	12.98	11.53	1.41	15.67	14.26	1.45	18.58	18.58	1.50	21.14	21.14	1.54	22.53	22.53	1.58
70	525	5.93	5.46	1.33	7.85	7.21	1.36	9.93	9.05	1.39	12.20	10.83	1.43	14.83	13.49	1.47	17.71	17.71	1.52	20.88	20.88	1.59	23.74	23.74	1.65
	600	6.11	5.62	1.36	8.04	7.39	1.39	10.13	9.23	1.42	12.43	11.04	1.45	15.09	13.73	1.48	18.00	18.00	1.53	21.05	21.05	1.59	23.59	23.59	1.65
	675	6.27	5.77	1.39	8.21	7.54	1.42	10.31	9.40	1.45	12.64	11.22	1.47	15.32	13.95	1.50	18.24	18.24	1.55	21.08	21.08	1.60	23.19	23.19	1.65
75	525	5.59	5.14	1.37	7.54	6.93	1.41	9.63	8.78	1.45	11.89	10.56	1.49	14.48	13.17	1.53	17.35	17.35	1.59	20.48	20.48	1.66	23.59	23.59	1.73
	600	5.76	5.30	1.40	7.72	7.10	1.44	9.83	8.96	1.47	12.12	10.76	1.50	14.75	13.42	1.54	17.64	17.64	1.59	20.80	20.80	1.66	23.53	23.53	1.72
	675	5.92	5.45	1.44	7.90	7.26	1.47	10.01	9.13	1.50	12.32	10.95	1.53	14.98	13.63	1.56	17.89	17.89	1.61	20.94	20.94	1.67	23.41	23.41	1.73

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*FY4ANF018	1.00	1.00	
FE4ANF002	1.00	0.92	
FF1ENP018	1.00	1.00	
FF1ENP024	1.00	0.98	
FV4BNF002	1.00	0.92	
FX4CNF018	1.00	0.94	
FX4CNF024	1.00	0.93	
CAP**2414A**	1.00	0.98	
CAP**2417A**	1.00	0.98	
CNPF*2418A**	1.00	0.96	
CNPH*2417A**	1.00	0.96	
CNPV*1814A**	1.00	0.97	
CNPV*2414A**	1.00	0.96	
CNPV*2417A**	1.00	0.96	
CSPH*2412A**	1.00	0.95	
CAP**1814A**	0.99	1.00	58CV(A,X)070−12
CAP**2414A**	1.00	0.97	58CV(A,X)070−12
CNPH*2417A**	1.00	0.95	58CV(A,X)070−12
CNPV*1814A**	1.00	0.97	58CV(A,X)070−12
CNPV*2414A**	1.00	0.96	58CV(A,X)070−12
CSPH*2412A**	1.00	0.96	58CV(A,X)070−12
CAP**2417A**	1.00	0.96	58CV(A,X)090−16
CNPH*2417A**	1.00	0.95	58CV(A,X)090−16
CNPV*2417A**	1.00	0.95	58CV(A,X)090−16
CSPH*2412A**	1.00	0.95	58CV(A,X)090−16
CAP**2417A**	1.00	0.89	58MEB040−12
CNPH*2417A**	1.00	0.89	58MEB040−12
CNPV*2417A**	1.00	0.89	58MEB040−12
CSPH*2412A**	1.00	0.91	58MEB040−12
CAP**2417A**	1.00	0.91	58MEB060−12
CNPH*2417A**	1.00	0.92	58MEB060−12
CNPV*2417A**	1.00	0.92	58MEB060−12
CSPH*2412A**	1.00	0.94	58MEB060−12
CNPH*2417A**	1.00	0.95	58MV(B,C)040−14
CSPH*2412A**	1.00	0.96	58MV(B,C)040−14
CAP**2417A**	1.00	0.96	58MV(B,C)060−14
CNPH*2417A**	1.00	0.95	58MV(B,C)060−14
CNPV*2417A**	1.00	0.95	58MV(B,C)060−14
CSPH*2412A**	1.00	0.95	58MV(B,C)060−14
CNPH*2417A**	1.00	0.96	58MV(B,C)080−14

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CSPH*2412A**	1.00	0.96	58MV(B,C)080−14
CAP**1814A**	1.00	0.97	58PH*045−08
CAP**2414A**	1.00	0.93	58PH*045−08
CNPH*2417A**	1.00	0.92	58PH*045−08
CNPV*1814A**	1.00	0.95	58PH*045−08
CNPV*2414A**	1.00	0.92	58PH*045−08
CSPH*2412A**	1.00	0.93	58PH*045−08

See notes on pg. 42

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)		
EDB	CFM	Capacity MBtuh		Total Syst. KW†	Capacity MBtuh		Total Syst. KW†	Capacity MBtuh		Total Syst. KW†	Capacity MBtuh		Total Syst. KW†	Capacity MBtuh		Total Syst. KW†	Capacity MBtuh		Total Syst. KW†	Capacity MBtuh		Total Syst. KW†	Capacity MBtuh		Total Syst. KW†
		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*	
25HBB324C30 Outdoor Section With FY4ANF024 Indoor Section																									
65	700	8.76	8.06	1.55	11.26	10.35	1.60	13.95	12.72	1.65	17.00	15.10	1.70	20.37	18.53	1.78	24.07	24.07	1.87	27.85	27.85	1.96	30.96	30.96	2.05
	800	8.98	8.26	1.59	11.49	10.56	1.64	14.20	12.95	1.68	17.28	15.35	1.73	20.67	18.81	1.80	24.39	24.39	1.89	27.69	27.69	1.96	30.60	30.60	2.05
	900	9.19	8.45	1.63	11.71	10.76	1.68	14.43	13.16	1.71	17.54	15.58	1.76	20.94	19.05	1.83	24.61	24.61	1.91	27.37	27.37	1.97	29.19	29.19	2.03
70	700	8.37	7.70	1.60	10.91	10.03	1.66	13.63	12.43	1.72	16.62	14.76	1.78	19.97	18.17	1.85	23.67	23.67	1.95	27.66	27.66	2.06	30.92	30.92	2.15
	800	8.59	7.90	1.64	11.15	10.24	1.70	13.88	12.65	1.75	16.91	15.02	1.80	20.28	18.46	1.87	24.00	24.00	1.96	27.70	27.70	2.05	30.64	30.64	2.14
	900	8.80	8.09	1.69	11.36	10.44	1.74	14.11	12.86	1.79	17.17	15.25	1.83	20.57	18.72	1.90	24.29	24.29	1.99	27.55	27.55	2.06	30.32	30.32	2.15
75	700	7.94	7.31	1.66	10.53	9.68	1.73	13.28	12.11	1.79	16.24	14.43	1.86	19.59	17.82	1.93	23.26	23.26	2.03	27.29	27.29	2.16	30.96	30.96	2.25
	800	8.17	7.51	1.70	10.77	9.90	1.77	13.54	12.34	1.83	16.53	14.68	1.88	19.90	18.11	1.95	23.60	23.60	2.04	27.54	27.54	2.15	30.63	30.63	2.24
	900	8.38	7.71	1.75	10.99	10.10	1.81	13.77	12.55	1.86	16.79	14.91	1.91	20.18	18.36	1.98	23.89	23.89	2.07	27.56	27.56	2.16	30.41	30.41	2.24

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*FY4ANF024	1.00	1.00	
FE4AN(B,F)003	1.00	0.92	
FE4ANF002	1.00	0.93	
FF1ENP030	1.00	0.99	
FV4BN(B,F)003	1.00	0.92	
FV4BNF002	1.00	0.93	
FX4CNF024	1.00	0.95	
FX4CNF030	1.00	0.92	
FY4ANF030	1.00	0.97	
CAP**2414A**	1.00	0.98	
CAP**2417A**	1.00	0.98	
CAP**3014A**	1.00	0.97	
CAP**3017A**	1.00	0.97	
CNPF*2418A**	1.00	0.96	
CNPH*2417A**	1.00	0.96	
CNPH*3017A**	1.00	0.97	
CNPV*2414A**	1.00	0.96	
CNPV*2417A**	1.00	0.96	
CNPV*3014A**	1.00	0.97	
CNPV*3017A**	1.00	0.97	
CSPH*2412A**	1.00	0.95	
CSPH*3012A**	1.00	0.97	
CAP**2414A**	1.00	0.97	58CV(A,X)070–12
CAP**3014A**	1.00	0.96	58CV(A,X)070–12
CNPH*2417A**	1.00	0.96	58CV(A,X)070–12
CNPH*3017A**	1.00	0.96	58CV(A,X)070–12
CNPV*2414A**	1.00	0.96	58CV(A,X)070–12
CNPV*3014A**	1.00	0.96	58CV(A,X)070–12
CSPH*2412A**	1.00	0.96	58CV(A,X)070–12
CSPH*3012A**	1.00	0.96	58CV(A,X)070–12
CAP**2417A**	1.00	0.96	58CV(A,X)090–16
CAP**3017A**	1.00	0.95	58CV(A,X)090–16
CNPH*2417A**	1.00	0.95	58CV(A,X)090–16
CNPH*3017A**	1.00	0.95	58CV(A,X)090–16
CNPV*2417A**	1.00	0.95	58CV(A,X)090–16
CNPV*3017A**	1.00	0.95	58CV(A,X)090–16
CSPH*2412A**	1.00	0.95	58CV(A,X)090–16
CSPH*3012A**	1.00	0.95	58CV(A,X)090–16
CNPH*2417A**	1.00	0.95	58CV(A,X)110–20
CNPH*3017A**	1.00	0.95	58CV(A,X)110–20

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CSPH*2412A**	1.00	0.95	58CV(A,X)110–20
CSPH*3012A**	1.00	0.95	58CV(A,X)110–20
CNPH*2417A**	1.00	0.95	58CV(A,X)135–22
CNPH*3017A**	1.00	0.95	58CV(A,X)135–22
CSPH*2412A**	1.00	0.95	58CV(A,X)135–22
CSPH*3012A**	1.00	0.95	58CV(A,X)135–22
CNPH*2417A**	1.00	0.95	58CV(A,X)155–22
CNPH*3017A**	1.00	0.95	58CV(A,X)155–22
CSPH*2412A**	1.00	0.95	58CV(A,X)155–22
CSPH*3012A**	1.00	0.95	58CV(A,X)155–22
CAP**2417A**	1.00	0.92	58MEB040–12
CAP**3017A**	1.00	0.91	58MEB040–12
CNPH*2417A**	1.00	0.92	58MEB040–12
CNPH*3017A**	1.00	0.91	58MEB040–12
CNPV*2417A**	1.00	0.92	58MEB040–12
CNPV*3017A**	1.00	0.91	58MEB040–12
CSPH*2412A**	1.00	0.93	58MEB040–12
CSPH*3012A**	1.00	0.91	58MEB040–12
CAP**2417A**	1.00	0.92	58MEB060–12
CAP**3017A**	1.00	0.90	58MEB060–12
CNPH*2417A**	1.00	0.92	58MEB060–12
CNPH*3017A**	1.00	0.90	58MEB060–12
CNPV*2417A**	1.00	0.92	58MEB060–12
CNPV*3017A**	1.00	0.90	58MEB060–12
CSPH*2412A**	1.00	0.92	58MEB060–12
CSPH*3012A**	1.00	0.91	58MEB060–12
CAP**2417A**	1.00	0.93	58MEB080–12
CAP**3017A**	1.00	0.91	58MEB080–12
CNPH*2417A**	1.00	0.93	58MEB080–12
CNPH*3017A**	1.00	0.91	58MEB080–12
CNPV*2417A**	1.00	0.93	58MEB080–12
CNPV*3017A**	1.00	0.91	58MEB080–12
CSPH*2412A**	1.00	0.93	58MEB080–12
CSPH*3012A**	1.00	0.92	58MEB080–12
CNPH*2417A**	1.00	0.95	58MV(B,C)040–14
CNPH*3017A**	1.00	0.95	58MV(B,C)040–14
CSPH*2412A**	1.00	0.95	58MV(B,C)040–14
CSPH*3012A**	1.00	0.95	58MV(B,C)040–14
CAP**2417A**	1.00	0.94	58MV(B,C)060–14
CAP**3017A**	1.00	0.93	58MV(B,C)060–14

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CNPH*2417A**	1.00	0.93	58MV(B,C)060–14
CNPH*3017A**	1.00	0.93	58MV(B,C)060–14
CNPV*2417A**	1.00	0.93	58MV(B,C)060–14
CNPV*3017A**	1.00	0.93	58MV(B,C)060–14
CSPH*2412A**	1.00	0.93	58MV(B,C)060–14
CSPH*3012A**	1.00	0.93	58MV(B,C)060–14
CNPH*2417A**	1.00	0.96	58MV(B,C)080–14
CNPH*3017A**	1.00	0.96	58MV(B,C)080–14
CSPH*2412A**	1.00	0.96	58MV(B,C)080–14
CSPH*3012A**	1.00	0.96	58MV(B,C)080–14
CNPH*2417A**	1.00	0.97	58MV(B,C)080–20
CNPH*3017A**	1.00	0.97	58MV(B,C)080–20
CSPH*2412A**	1.00	0.97	58MV(B,C)080–20
CSPH*3012A**	1.00	0.97	58MV(B,C)080–20
CNPH*2417A**	1.00	0.95	58MV(B,C)100–20
CNPH*3017A**	1.00	0.95	58MV(B,C)100–20
CSPH*2412A**	1.00	0.95	58MV(B,C)100–20
CSPH*3012A**	1.00	0.95	58MV(B,C)100–20
CNPH*2417A**	1.00	0.94	58MV(B,C)120–20
CNPH*3017A**	1.00	0.94	58MV(B,C)120–20
CSPH*2412A**	1.00	0.94	58MV(B,C)120–20
CSPH*3012A**	1.00	0.94	58MV(B,C)120–20
CAP**2414A**	1.00	0.96	58PH*045–08
CAP**3014A**	1.00	0.94	58PH*045–08
CNPH*2417A**	1.00	0.95	58PH*045–08
CNPH*3017A**	1.00	0.93	58PH*045–08
CNPV*2414A**	1.00	0.95	58PH*045–08
CNPV*3014A**	1.00	0.95	58PH*045–08
CSPH*2412A**	1.00	0.95	58PH*045–08
CSPH*3012A**	1.00	0.94	58PH*045–08

See notes on pg. 42

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)		
EDB	CFM	Capacity MBtuh		Total Syst. KW†	Capacity MBtuh		Total Syst. KW†	Capacity MBtuh		Total Syst. KW†	Capacity MBtuh		Total Syst. KW†	Capacity MBtuh		Total Syst. KW†	Capacity MBtuh		Total Syst. KW†	Capacity MBtuh		Total Syst. KW†	Capacity MBtuh		Total Syst. KW†
		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*	
25HBB330C30 Outdoor Section With FY4ANF030 Indoor Section																									
65	875	12.18	11.20	1.87	15.28	14.04	1.96	18.56	16.92	2.06	21.97	19.51	2.16	25.70	23.39	2.28	30.01	30.01	2.44	34.73	34.73	2.58	39.12	39.12	2.74
	1000	12.43	11.43	1.89	15.55	14.29	1.97	18.85	17.19	2.05	22.26	19.77	2.15	26.09	23.75	2.26	30.48	30.48	2.39	35.02	35.02	2.51	39.22	39.22	2.65
	1125	12.65	11.64	1.91	15.79	14.51	1.99	19.11	17.42	2.06	22.52	20.00	2.15	26.43	24.05	2.25	30.86	30.86	2.36	35.12	35.12	2.47	39.18	39.18	2.59
70	875	11.72	10.79	1.95	14.88	13.67	2.05	18.18	16.58	2.15	21.67	19.25	2.27	25.29	23.01	2.39	29.55	29.55	2.56	34.29	34.29	2.70	38.71	38.71	2.87
	1000	11.98	11.02	1.97	15.15	13.92	2.06	18.48	16.85	2.15	22.00	19.54	2.25	25.67	23.36	2.37	30.00	30.00	2.51	34.65	34.65	2.63	38.89	38.89	2.78
	1125	12.20	11.22	1.99	15.39	14.14	2.08	18.74	17.08	2.16	22.21	19.73	2.25	26.00	23.66	2.36	30.40	30.40	2.48	34.83	34.83	2.59	38.93	38.93	2.72
75	875	11.23	10.33	2.03	14.44	13.27	2.14	17.78	16.21	2.25	21.29	18.91	2.38	24.94	22.69	2.51	29.10	29.10	2.68	33.81	33.81	2.84	38.28	38.28	3.01
	1000	11.49	10.57	2.05	14.72	13.53	2.15	18.08	16.48	2.25	21.62	19.20	2.36	25.27	23.00	2.48	29.56	29.56	2.63	34.23	34.23	2.76	38.52	38.52	2.92
	1125	11.71	10.78	2.08	14.96	13.75	2.17	18.33	16.72	2.26	21.90	19.45	2.36	25.58	23.28	2.47	29.93	29.93	2.60	34.48	34.48	2.72	38.62	38.62	2.85

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*FY4ANF030	1.00	1.00	
FE4AN(B,F)003	1.00	0.96	
FE4AN(B,F)005	1.00	0.93	
FE4ANF002	1.00	0.96	
FF1ENP030	1.00	1.01	
FF1ENP036	1.00	0.98	
FV4BN(B,F)003	1.00	0.96	
FV4BN(B,F)005	1.00	0.93	
FV4BNF002	1.00	0.96	
FX4CN(B,F)036	1.00	0.95	
FX4CNF030	1.00	0.96	
FY4ANF036	1.00	0.99	
CAP**3014A**	1.00	0.99	
CAP**3017A**	1.00	0.99	
CAP**3614A**	1.00	0.98	
CAP**3617A**	1.00	0.98	
CAP**3621A**	1.00	0.98	
CNPF*3618A**	1.00	0.99	
CNPH*3017A**	1.00	0.99	
CNPH*3617A**	1.00	0.99	
CNPV*3014A**	1.00	0.99	
CNPV*3017A**	1.00	0.99	
CNPV*3617A**	1.00	0.99	
CNPV*3621A**	1.00	0.99	
CSPH*3012A**	1.00	0.98	
CSPH*3612A**	1.00	0.95	
CAP**3014A**	1.00	1.00	58CV(A,X)070−12
CAP**3614A**	1.00	0.99	58CV(A,X)070−12
CNPH*3017A**	1.00	0.99	58CV(A,X)070−12
CNPH*3617A**	1.00	0.99	58CV(A,X)070−12
CNPV*3014A**	1.00	1.00	58CV(A,X)070−12
CSPH*3012A**	1.00	0.99	58CV(A,X)070−12
CSPH*3612A**	1.00	0.95	58CV(A,X)070−12
CAP**3017A**	1.00	0.99	58CV(A,X)090−16
CAP**3617A**	1.00	0.98	58CV(A,X)090−16
CNPH*3017A**	1.00	0.99	58CV(A,X)090−16
CNPH*3617A**	1.00	0.99	58CV(A,X)090−16
CNPV*3017A**	1.00	0.99	58CV(A,X)090−16
CNPV*3617A**	1.00	0.99	58CV(A,X)090−16
CSPH*3012A**	1.00	0.98	58CV(A,X)090−16

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CSPH*3612A**	1.00	0.94	58CV(A,X)090−16
CAP**3621A**	1.00	0.97	58CV(A,X)110−20
CNPH*3017A**	1.00	0.98	58CV(A,X)110−20
CNPH*3617A**	1.00	0.98	58CV(A,X)110−20
CNPV*3621A**	1.00	0.98	58CV(A,X)110−20
CSPH*3012A**	1.00	0.98	58CV(A,X)110−20
CSPH*3612A**	1.00	0.94	58CV(A,X)110−20
CNPH*3017A**	1.00	0.98	58CV(A,X)135−22
CNPH*3617A**	1.00	0.98	58CV(A,X)135−22
CSPH*3012A**	1.00	0.98	58CV(A,X)135−22
CSPH*3612A**	1.00	0.94	58CV(A,X)135−22
CNPH*3017A**	1.00	0.98	58CV(A,X)155−22
CNPH*3617A**	1.00	0.98	58CV(A,X)155−22
CSPH*3012A**	1.00	0.98	58CV(A,X)155−22
CSPH*3612A**	1.00	0.94	58CV(A,X)155−22
CAP**3017A**	1.00	0.96	58MEB040−12
CAP**3617A**	1.00	0.95	58MEB040−12
CNPH*3017A**	1.00	0.96	58MEB040−12
CNPH*3617A**	1.00	0.96	58MEB040−12
CNPH*3617A**	1.00	0.97	58MEB040−12
CNPV*3017A**	1.00	0.96	58MEB040−12
CNPV*3617A**	1.00	0.96	58MEB040−12
CSPH*3012A**	1.00	0.96	58MEB040−12
CSPH*3612A**	1.00	0.92	58MEB040−12
CAP**3017A**	1.00	0.96	58MEB060−12
CAP**3617A**	1.00	0.94	58MEB060−12
CNPH*3017A**	1.00	0.96	58MEB060−12
CNPH*3617A**	1.00	0.96	58MEB060−12
CNPV*3017A**	1.00	0.96	58MEB060−12
CNPV*3617A**	1.00	0.96	58MEB060−12
CSPH*3012A**	1.00	0.96	58MEB060−12
CSPH*3612A**	1.00	0.91	58MEB060−12
CAP**3017A**	1.00	0.97	58MEB080−12
CAP**3617A**	1.00	0.95	58MEB080−12
CNPH*3017A**	1.00	0.97	58MEB080−12
CNPH*3617A**	1.00	0.97	58MEB080−12
CNPV*3017A**	1.00	0.97	58MEB080−12
CNPV*3617A**	1.00	0.97	58MEB080−12
CSPH*3012A**	1.00	0.97	58MEB080−12
CSPH*3612A**	1.00	0.92	58MEB080−12

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CAP**3017A**	1.00	0.95	58MEB080−16
CAP**3617A**	1.00	0.94	58MEB080−16
CNPH*3017A**	1.00	0.95	58MEB080−16
CNPH*3617A**	1.00	0.95	58MEB080−16
CNPV*3017A**	1.00	0.95	58MEB080−16
CNPV*3617A**	1.00	0.95	58MEB080−16
CSPH*3012A**	1.00	0.95	58MEB080−16
CSPH*3612A**	1.00	0.91	58MEB080−16
CNPH*3017A**	1.00	1.00	58MV(B,C)040−14
CNPH*3617A**	1.00	1.00	58MV(B,C)040−14
CSPH*3012A**	1.00	0.99	58MV(B,C)040−14
CSPH*3612A**	1.00	0.95	58MV(B,C)040−14
CAP**3017A**	1.00	0.98	58MV(B,C)060−14
CAP**3617A**	1.00	0.97	58MV(B,C)060−14
CNPH*3017A**	1.00	0.98	58MV(B,C)060−14
CNPH*3617A**	1.00	0.98	58MV(B,C)060−14
CNPV*3017A**	1.00	0.98	58MV(B,C)060−14
CNPV*3617A**	1.00	0.98	58MV(B,C)060−14
CSPH*3012A**	1.00	0.97	58MV(B,C)060−14
CSPH*3612A**	1.00	0.93	58MV(B,C)060−14
CAP**3621A**	1.00	0.99	58MV(B,C)080−14
CNPH*3017A**	1.00	1.00	58MV(B,C)080−14
CNPH*3617A**	1.00	1.00	58MV(B,C)080−14
CNPV*3621A**	1.00	1.00	58MV(B,C)080−14
CSPH*3012A**	1.00	1.00	58MV(B,C)080−14
CSPH*3612A**	1.00	0.96	58MV(B,C)080−14
CAP**3621A**	1.00	0.98	58MV(B,C)080−20
CNPH*3017A**	1.00	0.99	58MV(B,C)080−20
CNPH*3617A**	1.00	0.99	58MV(B,C)080−20
CNPV*3621A**	1.00	0.99	58MV(B,C)080−20
CSPH*3012A**	1.00	0.98	58MV(B,C)080−20
CSPH*3612A**	1.00	0.95	58MV(B,C)080−20
CAP**3621A**	1.00	1.00	58MV(B,C)100−20
CNPH*3017A**	1.00	1.01	58MV(B,C)100−20
CNPH*3617A**	1.00	1.01	58MV(B,C)100−20
CNPV*3621A**	1.00	1.01	58MV(B,C)100−20
CSPH*3012A**	1.00	1.00	58MV(B,C)100−20
CSPH*3612A**	1.00	0.97	58MV(B,C)100−20
CNPH*3017A**	1.00	0.98	58MV(B,C)120−20
CNPH*3617A**	1.00	0.98	58MV(B,C)120−20

HEAT PUMP HEATING PERFORMANCE CONTINUED

25HBB330C30 Outdoor Section With FY4ANF030 Indoor Section

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CSPH*3012A**	1.00	0.98	58MV(B,C)120–20
CSPH*3612A**	1.00	0.94	58MV(B,C)120–20
CAP**3017A**	1.00	0.98	58PH*070–16
CAP**3617A**	1.00	0.97	58PH*070–16
CNPH*3017A**	1.00	0.98	58PH*070–16
CNPH*3617A**	1.00	0.98	58PH*070–16
CNPV*3017A**	1.00	0.98	58PH*070–16
CNPV*3617A**	1.00	0.98	58PH*070–16
CSPH*3012A**	1.00	0.98	58PH*070–16
CSPH*3612A**	1.00	0.94	58PH*070–16
CAP**3621A**	1.00	0.95	58PH*090–16
CNPH*3017A**	1.00	0.97	58PH*090–16
CNPH*3617A**	1.00	0.97	58PH*090–16
CNPV*3621A**	1.00	0.97	58PH*090–16
CSPH*3012A**	1.00	0.98	58PH*090–16
CSPH*3612A**	1.00	0.93	58PH*090–16

See notes on pg. 42

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)		
EDB	CFM	Capacity MBtuh		Total Syst. KW†	Capacity MBtuh		Total Syst. KW†	Capacity MBtuh		Total Syst. KW†	Capacity MBtuh		Total Syst. KW†	Capacity MBtuh		Total Syst. KW†	Capacity MBtuh		Total Syst. KW†	Capacity MBtuh		Total Syst. KW†	Capacity MBtuh		Total Syst. KW†
		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*	
25HBB336C30 Outdoor Section With FY4ANF036 Indoor Section																									
65	1050	13.91	12.79	2.44	17.58	16.16	2.51	21.54	19.64	2.58	25.86	22.97	2.65	30.69	27.92	2.75	36.05	36.05	2.88	41.99	41.99	3.03	47.75	47.75	3.16
	1200	14.26	13.12	2.51	17.95	16.50	2.58	21.92	19.99	2.64	26.29	23.35	2.70	31.14	28.34	2.80	36.53	36.53	2.92	42.38	42.38	3.05	47.14	47.14	3.16
	1350	14.59	13.43	2.59	18.30	16.81	2.65	22.28	20.31	2.70	26.68	23.69	2.76	31.55	28.71	2.85	36.96	36.96	2.97	42.39	42.39	3.08	46.84	46.84	3.19
70	1050	13.36	12.29	2.53	17.10	15.72	2.61	21.09	19.23	2.68	25.40	22.56	2.76	30.19	27.47	2.86	35.51	35.51	2.99	41.37	41.37	3.15	47.49	47.49	3.30
	1200	13.72	12.62	2.60	17.47	16.06	2.67	21.48	19.59	2.74	25.82	22.93	2.81	30.65	27.89	2.91	36.00	36.00	3.03	41.90	41.90	3.18	47.19	47.19	3.30
	1350	14.06	12.93	2.68	17.83	16.38	2.74	21.84	19.92	2.80	26.20	23.27	2.86	31.06	28.26	2.96	36.42	36.42	3.08	42.23	42.23	3.21	46.87	46.87	3.32
75	1050	12.77	11.75	2.61	16.59	15.24	2.71	20.62	18.80	2.79	24.95	22.16	2.87	29.67	27.00	2.98	34.97	34.97	3.11	40.77	40.77	3.28	47.12	47.12	3.45
	1200	13.12	12.07	2.69	16.96	15.59	2.77	21.02	19.16	2.85	25.36	22.53	2.92	30.14	27.43	3.02	35.46	35.46	3.15	41.31	41.31	3.31	47.21	47.21	3.44
	1350	13.46	12.39	2.76	17.32	15.91	2.84	21.38	19.50	2.91	25.75	22.87	2.98	30.55	27.80	3.07	35.90	35.90	3.20	41.76	41.76	3.35	46.94	46.94	3.46

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*FY4ANF036	1.00	1.00	
FE4AN(B,F)003	0.96	0.93	
FE4AN(B,F)005	0.95	0.86	
FE4ANF002	0.97	0.95	
FF1ENP036	1.00	1.01	
FV4BN(B,F)003	0.96	0.93	
FV4BN(B,F)005	0.95	0.86	
FV4BNF002	0.97	0.95	
FX4CN(B,F)036	0.98	0.94	
FX4CN(B,F)042	0.99	0.92	
FY4ANF042	1.00	0.97	
CAP**3614A**	0.99	1.00	
CAP**3617A**	1.00	0.99	
CAP**3621A**	1.00	0.99	
CAP**4221A**	1.00	0.98	
CAP**4224A**	1.00	0.98	
CNPF*3618A**	1.00	1.00	
CNPH*3617A**	1.00	1.00	
CNPH*4221A**	1.00	0.98	
CNPV*3617A**	1.00	1.00	
CNPV*3621A**	1.00	1.00	
CNPV*4217A**	1.00	0.96	
CNPV*4221A**	1.00	0.98	
CSPH*3612A**	1.00	0.96	
CSPH*4212A**	1.00	0.94	
CAP**3614A**	0.97	0.97	58CV(A,X)070−12
CNPH*3617A**	0.97	0.97	58CV(A,X)070−12
CNPH*4221A**	0.97	0.95	58CV(A,X)070−12
CSPH*3612A**	0.97	0.93	58CV(A,X)070−12
CSPH*4212A**	0.98	0.93	58CV(A,X)070−12
CAP**3617A**	0.96	0.95	58CV(A,X)090−16
CNPH*3617A**	0.96	0.95	58CV(A,X)090−16
CNPH*4221A**	0.97	0.94	58CV(A,X)090−16
CNPV*3617A**	0.96	0.95	58CV(A,X)090−16
CNPV*4217A**	0.97	0.93	58CV(A,X)090−16
CSPH*3612A**	0.97	0.92	58CV(A,X)090−16
CSPH*4212A**	0.97	0.91	58CV(A,X)090−16
CAP**3621A**	0.96	0.94	58CV(A,X)110−20
CAP**4221A**	0.97	0.93	58CV(A,X)110−20
CNPH*3617A**	0.97	0.96	58CV(A,X)110−20

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CNPH*4221A**	0.97	0.93	58CV(A,X)110−20
CNPV*3621A**	0.96	0.95	58CV(A,X)110−20
CNPV*4221A**	0.97	0.93	58CV(A,X)110−20
CSPH*3612A**	0.97	0.92	58CV(A,X)110−20
CSPH*4212A**	0.97	0.91	58CV(A,X)110−20
CAP**4224A**	0.96	0.92	58CV(A,X)135−22
CNPH*3617A**	0.96	0.95	58CV(A,X)135−22
CNPH*4221A**	0.97	0.93	58CV(A,X)135−22
CSPH*3612A**	0.97	0.91	58CV(A,X)135−22
CSPH*4212A**	0.97	0.90	58CV(A,X)135−22
CAP**4224A**	0.96	0.92	58CV(A,X)155−22
CNPH*3617A**	0.96	0.95	58CV(A,X)155−22
CNPH*4221A**	0.96	0.92	58CV(A,X)155−22
CSPH*3612A**	0.97	0.91	58CV(A,X)155−22
CSPH*4212A**	0.97	0.90	58CV(A,X)155−22
CAP**3617A**	0.97	0.94	58MEB040−12
CNPH*3617A**	0.97	0.95	58MEB040−12
CNPH*4221A**	0.97	0.93	58MEB040−12
CNPV*3617A**	0.97	0.95	58MEB040−12
CNPV*4217A**	0.98	0.92	58MEB040−12
CSPH*3612A**	0.98	0.91	58MEB040−12
CSPH*4212A**	0.98	0.91	58MEB040−12
CAP**3617A**	0.97	0.94	58MEB060−12
CNPH*3617A**	0.97	0.96	58MEB060−12
CNPH*4221A**	0.98	0.93	58MEB060−12
CNPV*3617A**	0.97	0.96	58MEB060−12
CNPV*4217A**	0.98	0.92	58MEB060−12
CSPH*3612A**	0.98	0.92	58MEB060−12
CSPH*4212A**	0.98	0.90	58MEB060−12
CAP**3617A**	0.97	0.94	58MEB080−12
CNPH*3617A**	0.97	0.95	58MEB080−12
CNPH*4221A**	0.97	0.93	58MEB080−12
CNPV*3617A**	0.97	0.95	58MEB080−12
CNPV*4217A**	0.98	0.92	58MEB080−12
CSPH*3612A**	0.98	0.92	58MEB080−12
CSPH*4212A**	0.98	0.90	58MEB080−12
CAP**3617A**	0.97	0.94	58MEB080−16
CNPH*3617A**	0.97	0.96	58MEB080−16
CNPH*4221A**	0.98	0.93	58MEB080−16
CNPV*3617A**	0.97	0.96	58MEB080−16

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CNPV*4217A**	0.98	0.92	58MEB080−16
CSPH*3612A**	0.98	0.92	58MEB080−16
CSPH*4212A**	0.98	0.90	58MEB080−16
CAP**3621A**	0.97	0.93	58MEB100−20
CAP**4221A**	0.97	0.92	58MEB100−20
CNPH*3617A**	0.96	0.95	58MEB100−20
CNPH*4221A**	0.97	0.93	58MEB100−20
CNPV*3621A**	0.96	0.95	58MEB100−20
CNPV*4221A**	0.97	0.93	58MEB100−20
CSPH*3612A**	0.97	0.91	58MEB100−20
CSPH*4212A**	0.97	0.90	58MEB100−20
CAP**4224A**	0.97	0.95	58MV(B,C)040−14
CNPH*3617A**	0.97	0.97	58MV(B,C)040−14
CNPH*4221A**	0.97	0.96	58MV(B,C)040−14
CSPH*3612A**	0.97	0.94	58MV(B,C)040−14
CSPH*4212A**	0.98	0.93	58MV(B,C)040−14
CAP**3617A**	0.97	0.94	58MV(B,C)060−14
CNPH*3617A**	0.97	0.96	58MV(B,C)060−14
CNPH*4221A**	0.97	0.93	58MV(B,C)060−14
CNPV*3617A**	0.97	0.96	58MV(B,C)060−14
CNPV*4217A**	0.98	0.92	58MV(B,C)060−14
CSPH*3612A**	0.98	0.92	58MV(B,C)060−14
CSPH*4212A**	0.98	0.91	58MV(B,C)060−14
CAP**3621A**	0.97	0.95	58MV(B,C)080−14
CAP**4221A**	0.97	0.95	58MV(B,C)080−14
CNPH*3617A**	0.97	0.97	58MV(B,C)080−14
CNPH*4221A**	0.97	0.95	58MV(B,C)080−14
CNPV*3621A**	0.97	0.97	58MV(B,C)080−14
CNPV*4221A**	0.97	0.95	58MV(B,C)080−14
CSPH*3612A**	0.98	0.93	58MV(B,C)080−14
CSPH*4212A**	0.98	0.92	58MV(B,C)080−14
CAP**3621A**	0.96	0.95	58MV(B,C)080−20
CAP**4221A**	0.97	0.94	58MV(B,C)080−20
CNPH*3617A**	0.97	0.96	58MV(B,C)080−20
CNPH*4221A**	0.97	0.94	58MV(B,C)080−20
CNPV*3621A**	0.97	0.96	58MV(B,C)080−20
CNPV*4221A**	0.97	0.94	58MV(B,C)080−20
CSPH*3612A**	0.97	0.93	58MV(B,C)080−20
CSPH*4212A**	0.97	0.92	58MV(B,C)080−20
CAP**3621A**	0.97	0.94	58MV(B,C)100−20

HEAT PUMP HEATING PERFORMANCE CONTINUED

25HBB336C30 Outdoor Section With FY4ANF036 Indoor Section

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CAP**4221A**	0.97	0.93	58MV(B,C)100–20
CNPH*3617A**	0.97	0.96	58MV(B,C)100–20
CNPH*4221A**	0.97	0.94	58MV(B,C)100–20
CNPV*3621A**	0.97	0.96	58MV(B,C)100–20
CNPV*4221A**	0.97	0.94	58MV(B,C)100–20
CSPH*3612A**	0.97	0.92	58MV(B,C)100–20
CSPH*4212A**	0.98	0.91	58MV(B,C)100–20
CAP**4224A**	0.96	0.93	58MV(B,C)120–20
CNPH*3617A**	0.96	0.95	58MV(B,C)120–20
CNPH*4221A**	0.97	0.93	58MV(B,C)120–20
CSPH*3612A**	0.97	0.92	58MV(B,C)120–20
CSPH*4212A**	0.97	0.91	58MV(B,C)120–20
CAP**3617A**	0.97	0.96	58PH*070–16
CNPH*3617A**	0.97	0.97	58PH*070–16
CNPH*4221A**	0.98	0.95	58PH*070–16
CNPV*3617A**	0.97	0.97	58PH*070–16
CNPV*4217A**	0.98	0.94	58PH*070–16
CSPH*3612A**	0.98	0.94	58PH*070–16
CSPH*4212A**	0.98	0.93	58PH*070–16
CAP**3621A**	0.97	0.93	58PH*090–16
CAP**4221A**	0.97	0.92	58PH*090–16
CNPH*3617A**	0.97	0.95	58PH*090–16
CNPH*4221A**	0.97	0.92	58PH*090–16
CNPV*3621A**	0.97	0.95	58PH*090–16
CNPV*4221A**	0.97	0.92	58PH*090–16
CSPH*3612A**	0.97	0.91	58PH*090–16
CSPH*4212A**	0.97	0.89	58PH*090–16
CAP**3621A**	0.97	0.92	58PH*110–20
CAP**4221A**	0.97	0.91	58PH*110–20
CNPH*3617A**	0.97	0.94	58PH*110–20
CNPH*4221A**	0.97	0.91	58PH*110–20
CNPV*3621A**	0.97	0.94	58PH*110–20
CNPV*4221A**	0.97	0.91	58PH*110–20
CSPH*3612A**	0.97	0.90	58PH*110–20
CSPH*4212A**	0.98	0.89	58PH*110–20

See notes on pg. 42

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)		
EDB	CFM	Capacity MBtuh		Total Syst. KW†	Capacity MBtuh		Total Syst. KW†	Capacity MBtuh		Total Syst. KW†	Capacity MBtuh		Total Syst. KW†	Capacity MBtuh		Total Syst. KW†	Capacity MBtuh		Total Syst. KW†	Capacity MBtuh		Total Syst. KW†	Capacity MBtuh		Total Syst. KW†
		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*	
25HBB342C30 Outdoor Section With FY4ANF042 Indoor Section																									
65	1225	17.65	16.24	2.99	21.43	19.69	3.06	25.78	23.51	3.13	30.65	27.23	3.20	36.09	32.84	3.31	42.14	42.14	3.45	48.87	48.87	3.64	56.38	56.38	3.88
	1400	18.03	16.59	3.06	21.84	20.07	3.13	26.21	23.90	3.19	31.10	27.62	3.27	36.53	33.24	3.37	42.55	42.55	3.52	49.29	49.29	3.71	56.81	56.81	3.95
	1575	18.39	16.92	3.15	22.22	20.42	3.21	26.62	24.27	3.26	31.51	27.98	3.34	36.91	33.59	3.45	42.93	42.93	3.60	49.65	49.65	3.79	57.15	57.15	4.03
70	1225	17.25	15.87	3.05	21.03	19.32	3.14	25.33	23.09	3.21	30.17	26.79	3.30	35.56	32.36	3.41	41.58	41.58	3.55	48.23	48.23	3.75	55.69	55.69	3.99
	1400	17.64	16.22	3.13	21.43	19.69	3.21	25.76	23.49	3.28	30.63	27.20	3.36	36.02	32.77	3.47	42.00	42.00	3.62	48.67	48.67	3.82	56.10	56.10	4.06
	1575	18.00	16.56	3.21	21.81	20.04	3.29	26.17	23.86	3.35	31.04	27.57	3.43	36.42	33.14	3.54	42.38	42.38	3.70	49.03	49.03	3.89	56.47	56.47	4.14
75	1225	16.84	15.49	3.12	20.63	18.96	3.22	24.86	22.67	3.30	29.65	26.33	3.40	35.02	31.87	3.51	40.98	40.98	3.66	47.59	47.59	3.86	54.98	54.98	4.11
	1400	17.22	15.84	3.20	21.03	19.33	3.29	25.30	23.07	3.37	30.14	26.77	3.46	35.50	32.30	3.57	41.43	41.43	3.72	48.03	48.03	3.92	55.42	55.42	4.18
	1575	17.59	16.18	3.28	21.41	19.68	3.37	25.71	23.44	3.44	30.56	27.14	3.53	35.91	32.68	3.64	41.83	41.83	3.80	48.43	48.43	4.00	55.79	55.79	4.26

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*FY4ANF042	1.00	1.00	
FE4AN(B,F)003	0.99	0.96	
FE4AN(B,F)005	0.88	0.88	
FV4BN(B,F)003	0.99	0.96	
FV4BN(B,F)005	0.88	0.88	
FX4CN(B,F)042	1.00	0.97	
FX4CN(B,F)048	0.83	0.88	
FY4ANF048	0.83	0.91	
CAP**4221A**	1.00	0.99	
CAP**4224A**	1.00	0.99	
CAP**4817A**	0.83	0.91	
CAP**4821A**	0.90	0.94	
CAP**4824A**	0.90	0.94	
CNPF*4818A**	1.00	0.99	
CNPH*4221A**	1.00	0.99	
CNPH*4821A**	1.00	0.99	
CNPV*4217A**	1.00	0.99	
CNPV*4221A**	1.00	0.99	
CNPV*4821A**	1.00	0.99	
CNPV*4824A**	1.00	0.99	
CSPH*4212A**	1.00	0.99	
CSPH*4812A**	0.95	0.97	
CNPH*4221A**	1.00	0.98	58CV(A,X)070–12
CNPH*4821A**	1.00	0.96	58CV(A,X)070–12
CSPH*4212A**	1.00	0.96	58CV(A,X)070–12
CSPH*4812A**	1.00	0.96	58CV(A,X)070–12
CAP**4817A**	0.90	0.89	58CV(A,X)090–16
CNPH*4221A**	0.99	0.96	58CV(A,X)090–16
CNPH*4821A**	1.00	0.94	58CV(A,X)090–16
CNPV*4217A**	1.00	0.96	58CV(A,X)090–16
CSPH*4212A**	1.00	0.95	58CV(A,X)090–16
CSPH*4812A**	1.00	0.94	58CV(A,X)090–16
CAP**4221A**	0.99	0.96	58CV(A,X)110–20
CAP**4821A**	0.99	0.94	58CV(A,X)110–20
CNPH*4221A**	1.00	0.97	58CV(A,X)110–20
CNPH*4821A**	1.00	0.94	58CV(A,X)110–20
CNPV*4221A**	1.00	0.97	58CV(A,X)110–20
CNPV*4821A**	1.00	0.94	58CV(A,X)110–20
CSPH*4212A**	1.00	0.94	58CV(A,X)110–20
CSPH*4812A**	1.00	0.94	58CV(A,X)110–20
CAP**4224A**	0.99	0.95	58CV(A,X)135–22

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CAP**4824A**	0.99	0.94	58CV(A,X)135–22
CNPH*4221A**	0.99	0.95	58CV(A,X)135–22
CNPH*4821A**	0.99	0.92	58CV(A,X)135–22
CNPV*4824A**	0.99	0.92	58CV(A,X)135–22
CSPH*4212A**	1.00	0.94	58CV(A,X)135–22
CSPH*4812A**	1.00	0.94	58CV(A,X)135–22
CAP**4224A**	0.99	0.95	58CV(A,X)155–22
CAP**4824A**	0.99	0.93	58CV(A,X)155–22
CNPH*4221A**	0.99	0.95	58CV(A,X)155–22
CNPH*4821A**	0.99	0.92	58CV(A,X)155–22
CNPV*4824A**	0.99	0.92	58CV(A,X)155–22
CSPH*4212A**	1.00	0.94	58CV(A,X)155–22
CSPH*4812A**	1.00	0.94	58CV(A,X)155–22
CAP**4817A**	0.86	0.87	58MEB040–12
CNPH*4221A**	1.00	0.97	58MEB040–12
CNPH*4821A**	1.00	0.95	58MEB040–12
CNPV*4217A**	1.00	0.96	58MEB040–12
CSPH*4212A**	1.00	0.95	58MEB040–12
CSPH*4812A**	1.00	0.96	58MEB040–12
CAP**4817A**	0.86	0.87	58MEB060–12
CNPH*4221A**	1.00	0.97	58MEB060–12
CNPH*4821A**	1.00	0.95	58MEB060–12
CNPV*4217A**	1.00	0.96	58MEB060–12
CSPH*4212A**	1.00	0.95	58MEB060–12
CSPH*4812A**	0.99	0.95	58MEB060–12
CAP**4817A**	0.86	0.87	58MEB080–12
CNPH*4221A**	1.00	0.97	58MEB080–12
CNPH*4821A**	1.00	0.95	58MEB080–12
CNPV*4217A**	1.00	0.96	58MEB080–12
CSPH*4212A**	1.00	0.95	58MEB080–12
CSPH*4812A**	0.99	0.94	58MEB080–12
CAP**4817A**	0.86	0.86	58MEB080–16
CNPH*4221A**	1.00	0.97	58MEB080–16
CNPH*4821A**	1.00	0.95	58MEB080–16
CNPV*4217A**	1.00	0.96	58MEB080–16
CSPH*4212A**	1.00	0.95	58MEB080–16
CSPH*4812A**	1.00	0.95	58MEB080–16
CAP**4221A**	1.00	0.96	58MEB100–20
CAP**4821A**	0.96	0.93	58MEB100–20
CNPH*4221A**	1.00	0.96	58MEB100–20
CNPH*4821A**	1.00	0.94	58MEB100–20

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CNPV*4221A**	1.00	0.96	58MEB100–20
CNPV*4821A**	1.00	0.94	58MEB100–20
CSPH*4212A**	1.00	0.94	58MEB100–20
CSPH*4812A**	1.00	0.94	58MEB100–20
CAP**4224A**	1.00	0.95	58MEB120–20
CAP**4824A**	0.95	0.91	58MEB120–20
CNPH*4221A**	1.00	0.96	58MEB120–20
CNPH*4821A**	1.00	0.93	58MEB120–20
CNPV*4824A**	1.00	0.93	58MEB120–20
CSPH*4212A**	1.00	0.94	58MEB120–20
CSPH*4812A**	0.99	0.93	58MEB120–20
CAP**4224A**	1.00	0.98	58MV(B,C)040–14
CAP**4824A**	1.00	0.97	58MV(B,C)040–14
CNPH*4221A**	1.00	0.99	58MV(B,C)040–14
CNPH*4821A**	1.00	0.96	58MV(B,C)040–14
CNPV*4824A**	1.00	0.96	58MV(B,C)040–14
CSPH*4212A**	1.00	0.96	58MV(B,C)040–14
CSPH*4812A**	1.00	0.96	58MV(B,C)040–14
CAP**4817A**	0.88	0.89	58MV(B,C)060–14
CNPH*4221A**	1.00	0.97	58MV(B,C)060–14
CNPH*4821A**	1.00	0.95	58MV(B,C)060–14
CNPV*4217A**	1.00	0.96	58MV(B,C)060–14
CSPH*4212A**	1.00	0.95	58MV(B,C)060–14
CSPH*4812A**	1.00	0.96	58MV(B,C)060–14
CAP**4221A**	1.00	0.98	58MV(B,C)080–14
CAP**4821A**	0.99	0.96	58MV(B,C)080–14
CNPH*4221A**	1.00	0.98	58MV(B,C)080–14
CNPH*4821A**	1.00	0.96	58MV(B,C)080–14
CNPV*4221A**	1.00	0.98	58MV(B,C)080–14
CNPV*4821A**	1.00	0.96	58MV(B,C)080–14
CSPH*4212A**	1.00	0.96	58MV(B,C)080–14
CSPH*4812A**	1.00	0.96	58MV(B,C)080–14
CAP**4221A**	1.00	0.98	58MV(B,C)080–20
CAP**4821A**	0.99	0.96	58MV(B,C)080–20
CNPH*4221A**	1.00	0.98	58MV(B,C)080–20
CNPH*4821A**	1.00	0.95	58MV(B,C)080–20
CNPV*4221A**	1.00	0.98	58MV(B,C)080–20
CNPV*4821A**	1.00	0.95	58MV(B,C)080–20
CSPH*4212A**	1.00	0.95	58MV(B,C)080–20
CSPH*4812A**	1.00	0.95	58MV(B,C)080–20

HEAT PUMP HEATING PERFORMANCE CONTINUED

25HBB342C30 Outdoor Section With FY4ANF042 Indoor Section

CAP**4221A**	0.99	0.97	58MV(B,C)100–20
CAP**4821A**	1.00	0.96	58MV(B,C)100–20
CNPH*4221A**	1.00	0.98	58MV(B,C)100–20
CNPH*4821A**	1.00	0.95	58MV(B,C)100–20
CNPV*4221A**	1.00	0.98	58MV(B,C)100–20
CNPV*4821A**	1.00	0.95	58MV(B,C)100–20
CSPH*4212A**	1.00	0.95	58MV(B,C)100–20
CSPH*4812A**	1.00	0.95	58MV(B,C)100–20
CAP**4224A**	0.99	0.96	58MV(B,C)120–20
CAP**4824A**	0.99	0.94	58MV(B,C)120–20
CNPH*4221A**	0.99	0.96	58MV(B,C)120–20
CNPH*4821A**	1.00	0.94	58MV(B,C)120–20
CNPV*4824A**	1.00	0.94	58MV(B,C)120–20
CSPH*4212A**	1.00	0.95	58MV(B,C)120–20
CSPH*4812A**	1.00	0.94	58MV(B,C)120–20
CAP**4817A**	0.88	0.91	58PH*070–16
CNPH*4221A**	1.00	0.99	58PH*070–16
CNPH*4821A**	1.00	0.97	58PH*070–16
CNPV*4217A**	1.00	0.98	58PH*070–16
CSPH*4212A**	1.00	0.97	58PH*070–16
CSPH*4812A**	1.00	0.98	58PH*070–16
CAP**4221A**	1.00	0.96	58PH*090–16
CAP**4821A**	0.98	0.94	58PH*090–16
CNPH*4221A**	1.00	0.97	58PH*090–16
CNPH*4821A**	1.00	0.94	58PH*090–16
CNPV*4221A**	1.00	0.97	58PH*090–16
CNPV*4821A**	1.00	0.94	58PH*090–16
CSPH*4212A**	1.00	0.94	58PH*090–16
CSPH*4812A**	1.00	0.94	58PH*090–16
CAP**4221A**	1.00	0.96	58PH*110–20
CAP**4821A**	0.96	0.92	58PH*110–20
CNPH*4221A**	1.00	0.96	58PH*110–20
CNPH*4821A**	1.00	0.94	58PH*110–20
CNPV*4221A**	1.00	0.96	58PH*110–20
CNPV*4821A**	1.00	0.94	58PH*110–20
CSPH*4212A**	1.00	0.94	58PH*110–20
CSPH*4812A**	1.00	0.94	58PH*110–20
CAP**4224A**	1.00	0.96	58PH*135–20
CAP**4824A**	0.96	0.93	58PH*135–20
CNPH*4221A**	1.00	0.97	58PH*135–20
CNPH*4821A**	1.00	0.94	58PH*135–20
CNPV*4824A**	1.00	0.94	58PH*135–20
CSPH*4212A**	1.00	0.94	58PH*135–20
CSPH*4812A**	1.00	0.94	58PH*135–20

See notes on pg. 42

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)		
EDB	CFM	Capacity MBtuh		Total Syst. KW†	Capacity MBtuh		Total Syst. KW†	Capacity MBtuh		Total Syst. KW†	Capacity MBtuh		Total Syst. KW†	Capacity MBtuh		Total Syst. KW†	Capacity MBtuh		Total Syst. KW†	Capacity MBtuh		Total Syst. KW†	Capacity MBtuh		Total Syst. KW†
		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*	
25HBB348C30 Outdoor Section With FY4ANF048 Indoor Section																							
65	1400	20.32	18.69	3.08	24.71	22.70	3.20	29.50	26.89	3.34	35.00	31.08	3.51	41.07	37.37	3.70	47.35	47.35	3.85	53.79	53.79	4.08	57.88	57.88	4.21
	1600	20.68	19.03	3.13	25.10	23.06	3.24	29.95	27.31	3.36	35.48	31.51	3.51	41.58	37.84	3.65	47.31	47.31	3.81	51.83	51.83	3.95	53.43	53.43	3.98
	1800	21.02	19.34	3.18	25.46	23.40	3.28	30.34	27.67	3.40	35.92	31.90	3.54	41.76	38.00	3.66	47.12	47.12	3.81	48.80	48.80	3.84	50.11	50.11	3.86
70	1400	19.90	18.31	3.22	24.32	22.35	3.35	29.10	26.53	3.50	34.43	30.58	3.67	40.50	36.86	3.87	46.93	46.93	4.04	53.40	53.40	4.28	58.72	58.72	4.47
	1600	20.27	18.65	3.26	24.69	22.69	3.38	29.52	26.91	3.52	35.00	31.09	3.68	41.08	37.39	3.84	47.00	47.00	4.00	52.92	52.92	4.20	54.77	54.77	4.23
	1800	20.61	18.96	3.32	25.06	23.02	3.43	29.90	27.26	3.55	35.42	31.46	3.70	41.45	37.72	3.83	46.93	46.93	3.99	50.21	50.21	4.08	51.56	51.56	4.10
75	1400	19.46	17.91	3.35	23.89	21.95	3.50	28.68	26.15	3.66	33.93	30.13	3.83	39.93	36.34	4.05	46.47	46.47	4.24	52.95	52.95	4.48	59.40	59.40	4.74
	1600	19.83	18.25	3.40	24.28	22.31	3.53	29.12	26.55	3.68	34.42	30.57	3.84	40.50	36.86	4.04	46.66	46.66	4.19	52.85	52.85	4.41	55.90	55.90	4.50
	1800	20.18	18.56	3.45	24.64	22.64	3.57	29.50	26.90	3.71	34.85	30.95	3.86	40.99	37.30	4.02	46.66	46.66	4.18	51.25	51.25	4.32	52.85	52.85	4.35

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*FY4ANF048	1.00	1.00	
FE4AN(B,F)005	0.98	0.94	
FE4ANB006	0.97	0.90	
FV4BN(B,F)005	0.98	0.94	
FV4BNB006	0.97	0.90	
FX4CN(B,F)048	0.99	0.95	
FX4CN(B,F)060	0.96	0.91	
FY4ANB060	0.97	0.96	
CAP**4817A**	1.00	0.98	
CAP**4821A**	1.01	0.99	
CAP**4824A**	1.01	0.99	
CAP**6021A**	0.96	0.96	
CAP**6024A**	0.97	0.97	
CNPF*4818A**	1.00	1.03	
CNPH*4821A**	1.02	1.01	
CNPH*6024A**	1.00	0.98	
CNPV*4821A**	1.02	1.01	
CNPV*4824A**	1.02	1.01	
CNPV*6024A**	1.00	0.98	
CSPH*4812A**	1.02	0.99	
CSPH*6012A**	0.99	0.96	
CAP**4817A**	0.99	0.97	58CV(A,X)090–16
CNPH*4821A**	0.99	0.99	58CV(A,X)090–16
CNPH*6024A**	0.99	0.97	58CV(A,X)090–16
CSPH*4812A**	1.00	0.99	58CV(A,X)090–16
CSPH*6012A**	0.99	0.96	58CV(A,X)090–16
CAP**4821A**	0.99	0.98	58CV(A,X)110–20
CAP**6021A**	0.97	0.95	58CV(A,X)110–20
CNPH*4821A**	0.99	0.99	58CV(A,X)110–20
CNPH*6024A**	0.99	0.96	58CV(A,X)110–20
CNPV*4821A**	0.99	0.99	58CV(A,X)110–20
CSPH*4812A**	1.00	0.99	58CV(A,X)110–20
CSPH*6012A**	0.99	0.95	58CV(A,X)110–20
CAP**4824A**	0.99	0.97	58CV(A,X)135–22
CAP**6024A**	0.97	0.94	58CV(A,X)135–22
CNPH*4821A**	0.99	0.98	58CV(A,X)135–22
CNPH*6024A**	0.99	0.96	58CV(A,X)135–22
CNPV*4824A**	0.99	0.98	58CV(A,X)135–22
CNPV*6024A**	0.99	0.96	58CV(A,X)135–22
CSPH*4812A**	0.99	0.97	58CV(A,X)135–22

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CSPH*6012A**	0.98	0.93	58CV(A,X)135–22
CAP**4824A**	0.99	0.96	58CV(A,X)155–22
CAP**6024A**	0.97	0.94	58CV(A,X)155–22
CNPH*4821A**	0.99	0.97	58CV(A,X)155–22
CNPH*6024A**	0.98	0.94	58CV(A,X)155–22
CNPV*4824A**	0.99	0.97	58CV(A,X)155–22
CNPV*6024A**	0.98	0.94	58CV(A,X)155–22
CSPH*4812A**	0.99	0.96	58CV(A,X)155–22
CSPH*6012A**	0.98	0.93	58CV(A,X)155–22
CAP**4817A**	1.00	0.97	58MEB080–16
CNPH*4821A**	1.00	0.99	58MEB080–16
CNPH*6024A**	0.99	0.97	58MEB080–16
CSPH*4812A**	1.00	0.98	58MEB080–16
CSPH*6012A**	0.99	0.95	58MEB080–16
CAP**4821A**	0.99	0.96	58MEB100–20
CAP**6021A**	0.97	0.94	58MEB100–20
CNPH*4821A**	0.99	0.97	58MEB100–20
CNPH*6024A**	0.99	0.95	58MEB100–20
CNPV*4821A**	0.99	0.97	58MEB100–20
CSPH*4812A**	1.00	0.97	58MEB100–20
CSPH*6012A**	0.99	0.94	58MEB100–20
CAP**4824A**	0.99	0.95	58MEB120–20
CAP**6024A**	0.97	0.93	58MEB120–20
CNPH*4821A**	0.99	0.97	58MEB120–20
CNPH*6024A**	0.99	0.95	58MEB120–20
CNPV*4824A**	0.99	0.97	58MEB120–20
CNPV*6024A**	0.99	0.95	58MEB120–20
CSPH*4812A**	1.00	0.97	58MEB120–20
CSPH*6012A**	0.98	0.92	58MEB120–20
CAP**4821A**	0.99	1.00	58MV(B,C)080–20
CAP**6021A**	0.97	0.96	58MV(B,C)080–20
CNPH*4821A**	0.99	1.00	58MV(B,C)080–20
CNPH*6024A**	0.99	0.98	58MV(B,C)080–20
CNPV*4821A**	0.99	1.00	58MV(B,C)080–20
CSPH*4812A**	1.00	1.01	58MV(B,C)080–20
CSPH*6012A**	0.99	0.97	58MV(B,C)080–20
CAP**4821A**	1.00	0.99	58MV(B,C)100–20
CAP**6021A**	0.97	0.95	58MV(B,C)100–20
CNPH*4821A**	1.00	1.00	58MV(B,C)100–20
CNPH*6024A**	0.99	0.97	58MV(B,C)100–20

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CNPV*4821A**	1.00	1.00	58MV(B,C)100–20
CSPH*4812A**	1.00	0.99	58MV(B,C)100–20
CSPH*6012A**	0.99	0.96	58MV(B,C)100–20
CAP**4824A**	0.99	0.98	58MV(B,C)120–20
CAP**6024A**	0.97	0.95	58MV(B,C)120–20
CNPH*4821A**	0.99	0.99	58MV(B,C)120–20
CNPH*6024A**	0.99	0.97	58MV(B,C)120–20
CNPV*4824A**	0.99	0.99	58MV(B,C)120–20
CNPV*6024A**	0.99	0.97	58MV(B,C)120–20
CSPH*4812A**	1.00	0.99	58MV(B,C)120–20
CSPH*6012A**	0.99	0.95	58MV(B,C)120–20
CAP**4817A**	0.99	1.00	58PH*070–16
CNPH*4821A**	1.01	1.03	58PH*070–16
CNPH*6024A**	1.00	1.01	58PH*070–16
CSPH*4812A**	1.02	1.03	58PH*070–16
CSPH*6012A**	1.00	0.99	58PH*070–16
CAP**4821A**	1.00	0.98	58PH*090–16
CAP**6021A**	0.97	0.94	58PH*090–16
CNPH*4821A**	1.00	0.99	58PH*090–16
CNPH*6024A**	0.99	0.96	58PH*090–16
CNPV*4821A**	1.00	0.99	58PH*090–16
CSPH*4812A**	1.00	0.98	58PH*090–16
CSPH*6012A**	0.99	0.94	58PH*090–16
CAP**4821A**	0.99	0.97	58PH*110–20
CAP**6021A**	0.97	0.93	58PH*110–20
CNPH*4821A**	0.99	0.97	58PH*110–20
CNPH*6024A**	0.99	0.95	58PH*110–20
CNPV*4821A**	0.99	0.97	58PH*110–20
CSPH*4812A**	0.99	0.97	58PH*110–20
CSPH*6012A**	0.98	0.93	58PH*110–20
CAP**4824A**	0.99	0.96	58PH*135–20
CAP**6024A**	0.97	0.94	58PH*135–20
CNPH*4821A**	0.99	0.98	58PH*135–20
CNPH*6024A**	0.99	0.95	58PH*135–20
CNPV*4824A**	0.99	0.98	58PH*135–20
CNPV*6024A**	0.99	0.95	58PH*135–20
CSPH*4812A**	1.00	0.98	58PH*135–20
CSPH*6012A**	0.99	0.94	58PH*135–20

See notes on pg. 42

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)		
EDB	CFM	Capacity MBtuh		Total Syst. KW†	Capacity MBtuh		Total Syst. KW†	Capacity MBtuh		Total Syst. KW†	Capacity MBtuh		Total Syst. KW†	Capacity MBtuh		Total Syst. KW†	Capacity MBtuh		Total Syst. KW†	Capacity MBtuh		Total Syst. KW†	Capacity MBtuh		Total Syst. KW†
		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*	
25HBB360C30 Outdoor Section With FY4ANB060 Indoor Section																									
65	1750	24.88	22.89	3.74	30.87	28.37	3.89	37.21	33.93	4.05	43.93	39.02	4.23	51.32	46.70	4.44	59.95	59.95	4.70	69.66	69.66	4.92	79.05	79.05	5.22
	2000	25.46	23.42	3.81	31.47	28.92	3.95	37.83	34.50	4.10	44.62	39.63	4.26	52.13	47.44	4.44	61.02	61.02	4.66	70.27	70.27	4.86	79.14	79.14	5.10
	2250	25.98	23.90	3.90	32.01	29.42	4.02	38.41	35.02	4.15	45.23	40.17	4.30	52.88	48.12	4.47	61.90	61.90	4.65	70.54	70.54	4.84	79.54	79.54	5.07
70	1750	24.04	22.12	3.89	30.11	27.67	4.06	36.48	33.26	4.24	43.27	38.43	4.43	50.57	46.01	4.64	58.99	58.99	4.91	68.75	68.75	5.15	77.71	77.71	5.44
	2000	24.61	22.64	3.97	30.72	28.23	4.12	37.15	33.87	4.28	43.95	39.03	4.45	51.36	46.74	4.64	60.00	60.00	4.88	69.46	69.46	5.08	78.36	78.36	5.34
	2250	25.13	23.12	4.06	31.27	28.73	4.19	37.73	34.40	4.34	44.56	39.57	4.49	52.05	47.37	4.67	60.96	60.96	4.87	69.87	69.87	5.06	78.67	78.67	5.29
75	1750	23.17	21.32	4.06	29.30	26.93	4.24	35.75	32.59	4.43	42.55	37.79	4.63	49.81	45.33	4.86	57.85	57.85	5.12	67.81	67.81	5.39	76.77	76.77	5.69
	2000	23.72	21.82	4.13	29.91	27.49	4.30	36.40	33.19	4.47	43.26	38.42	4.65	50.60	46.05	4.85	59.07	59.07	5.10	68.62	68.62	5.31	77.56	77.56	5.58
	2250	24.23	22.29	4.22	30.47	28.00	4.37	36.99	33.73	4.53	43.88	38.97	4.69	51.29	46.68	4.88	59.98	59.98	5.09	69.11	69.11	5.29	77.81	77.81	5.53

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*FY4ANB060	1.00	1.00	
FE4ANB006	0.98	0.95	
FV4BNB006	0.98	0.95	
FX4CN(B,F)060	0.98	0.93	
CAP**6021A**	0.98	1.00	
CAP**6024A**	0.98	0.97	
CNPH*6024A**	0.99	0.99	
CNPV*6024A**	0.98	0.98	
CSPH*6012A**	1.00	0.98	
CAP**6021A**	0.98	0.99	58CV(A,X)110−20
CNPH*6024A**	0.98	1.00	58CV(A,X)110−20
CSPH*6012A**	0.98	0.99	58CV(A,X)110−20
CAP**6024A**	0.98	0.99	58CV(A,X)135−22
CNPH*6024A**	0.98	0.99	58CV(A,X)135−22
CNPV*6024A**	0.98	0.99	58CV(A,X)135−22
CSPH*6012A**	0.98	0.97	58CV(A,X)135−22

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CAP**6024A**	0.98	0.98	58CV(A,X)155−22
CNPH*6024A**	0.98	0.98	58CV(A,X)155−22
CNPV*6024A**	0.98	0.98	58CV(A,X)155−22
CSPH*6012A**	0.98	0.96	58CV(A,X)155−22
CNPH*6024A**	0.97	1.01	58MEB080−16
CSPH*6012A**	0.98	1.00	58MEB080−16
CAP**6021A**	0.98	0.99	58MEB100−20
CNPH*6024A**	0.97	0.99	58MEB100−20
CSPH*6012A**	0.98	0.98	58MEB100−20
CAP**6024A**	0.97	0.98	58MEB120−20
CNPH*6024A**	0.97	0.98	58MEB120−20
CNPV*6024A**	0.97	0.98	58MEB120−20
CSPH*6012A**	0.98	0.97	58MEB120−20
CAP**6021A**	0.99	1.04	58MV(B,C)080−20
CNPH*6024A**	0.98	1.03	58MV(B,C)080−20

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CSPH*6012A**	0.99	1.02	58MV(B,C)080−20
CAP**6021A**	0.98	1.03	58MV(B,C)100−20
CNPH*6024A**	0.98	1.03	58MV(B,C)100−20
CSPH*6012A**	0.98	1.02	58MV(B,C)100−20
CAP**6024A**	0.98	1.00	58MV(B,C)120−20
CNPH*6024A**	0.98	1.01	58MV(B,C)120−20
CNPV*6024A**	0.98	1.01	58MV(B,C)120−20
CSPH*6012A**	0.98	1.00	58MV(B,C)120−20
CAP**6021A**	0.98	0.98	58PH*110−20
CNPH*6024A**	0.98	0.99	58PH*110−20
CSPH*6012A**	0.98	0.97	58PH*110−20
CAP**6024A**	0.98	1.00	58PH*135−20
CNPH*6024A**	0.98	1.00	58PH*135−20
CNPV*6024A**	0.98	1.00	58PH*135−20
CSPH*6012A**	0.98	0.98	58PH*135−20

NOTE: When the required data falls between the published data, interpolation may be performed. Extrapolation is not an acceptable practice.

* The Btuh heating capacity values shown are net integrated values from which the defrost effect has been subtracted. The Btuh heating from supplement heaters should be added to those values to obtain total system capacity.

† The kW values include the compressor, outdoor fan motor, and indoor blower motor. The kW from supplement heaters should be added to these values to obtain total system kilowatts.

EDB — Entering Dry Bulb

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-US 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 unit is 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.
- 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.
- ArmorPlate coating - Aluminum fin material is pre-coated on both sides with a corrosion protective epoxy phenolic coating.

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 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.

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