

25VNA
Infinity™ Variable Speed Heat Pump
with Greenspeed™ Intelligence
2 to 5 Nominal Tons



Product Data

INDUSTRY LEADING FEATURES / BENEFITS



INFINITY™ SYSTEM

Carrier's 25VNA with Greenspeed™ Intelligence is a breakthrough product providing up to 13 HSPF heating efficiency and up to 20.5 SEER cooling efficiency. The variable speed capacity control results in strong heating capacity as the outdoor temperature drops resulting in less reliance on auxiliary heat. Lower speed operation, when needed in cooling, for enhanced comfort and dehumidification.

This product has been designed and manufactured to meet Energy Star® criteria for energy efficiency when matched with appropriate coil components. 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.

Energy Efficiency

- 18 - 20 SEER/12 - 13 HSPF
(based on tested combinations)
- Microtube Technology™ refrigeration system
- Indoor air quality accessories available

Sound

- Sound level as low as 58 dBA in low speed (Silencer System II).

Comfort

- Variable speed compressor with capacity range from 40-100%
- Air cooled Inverter variable speed drive
 - System requires Infinity Control with Greenspeed capability (SYSTXCCUID01-V or SYSTXCCUIZ01-V)

Reliability

- Puron® refrigerant - environmentally sound, won't deplete the ozone layer and low lifetime service cost.
- Front-seating service valves
- Greenspeed Intelligence actively monitors critical system parameters
- High pressure switch
- Suction pressure transducer
- Electronic expansion valve (EXV) for heating, TXV for cooling
- Filter drier (field installed)
- External Muffler (field installed)
- Internal crankcase heater standard

Flexibility and installation:

- 2 control wires to outdoor unit
- Minimum and Maximum airflow adjustments
- Compressor Heating RPM control
- Hybrid Heat™ dual fuel capable

Durability

WeatherArmor™ protection package:

- Solid, Durable sheet metal construction
- Steel louver coil guard
- Baked-on, complete outer coverage, powder paint

Applications

- Long-line - up to 250 feet (76.2 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.)

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	V	N	A	0	3	6	A	0	0	3	0
Product Series	Product Family	Tier	Major Series	SEER	Cooling Capacity 1,000 Btuh (nominal)	Variations	Open	Open	Voltage	Minor Series		
25 = HP	V = VS HP	N = Infinity Series	A = Puron	20 = SEER		A = Standard	0 = Not Defined	0 = Not Defined	3 = 208/230-1	0, 1, 2...		



Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.



ISO 9001
QMI-SAI Global



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.**

25VNA



STANDARD FEATURES

FEATURES	Unit Size – Voltage, Series			
	24–30	36–30	48–30	60–30
Puron Refrigerant	X	X	X	X
Louvered Coil Guard	X	X	X	X
Field Installed Filter Drier / External Muffler	X	X	X	X
Front Seating Service Valves	X	X	X	X
Internal Pressure and Temperature Protection	X	X	X	X
Long Line capability	X	X	X	X
Suction Pressure Transducer	X	X	X	X
High Pressure Switch	X	X	X	X
Crankcase Heater	X	X	X	X
Low ambient cooling down to 0°F capability with Infinity Control	X	X	X	X
Utility Interface Connections	X	X	X	X
Enhanced Diagnostics with Infinity Control	X	X	X	X
Deluxe Sound Blanket	X	X	X	X
Outdoor Air Temperature Sensor	X	X	X	X

X = Standard

REFRIGERANT PIPING LENGTH LIMITATIONS

Maximum Line Lengths:

The maximum allowable total equivalent length for heat pumps varies depending on the vertical separation. See the tables below for allowable lengths depending on whether the outdoor unit is on the same level, above or below the indoor unit.

Maximum Line Lengths for Heat Pump Applications

	MAXIMUM ACTUAL LENGTH ft (m)	MAXIMUM EQUIVALENT LENGTH† ft (m)	MAXIMUM VERTICAL SEPARATION ft (m)
Units on equal level	200 (61)	250 (76.2)	N/A
Outdoor unit ABOVE indoor unit	200 (61)	250 (76.2)	200 (61)
Outdoor unit BELOW indoor unit	See Table 'Maximum Total Equivalent Length: Outdoor Unit BELOW Indoor Unit'		

† Total equivalent length accounts for losses due to elbows or fitting. See the Long Line Guideline for details.

Maximum Total Equivalent Length† - Outdoor Unit BELOW Indoor Unit

Size	Liquid Line Diameter w/ TXV	HP with Puron® Refrigerant – Maximum Total Equivalent Length† Vertical Separation ft (m) Outdoor unit BELOW indoor unit;						
		0–20 (0 – 6.1)	21–30 (6.4 – 9.1)	31–40 (9.4 – 12.2)	41–50 (12.5 – 15.2)	51–60 (15.5 – 18.3)	61–70 (18.6 – 21.3)	71–80 (21.6 – 24.4)
024 HP with Puron	3/8	250*	250*	250*	250*	250*	250*	250*
036 HP with Puron	3//8	250*	250*	250*	250*	250*	250*	250*
048 HP with Puron	3/8	250*	250*	250*	250*	230	160	--
060 HP with Puron	3/8	250*	225*	190	150	110	--	--

* Maximum actual length not to exceed 200 ft (61 m)

† Total equivalent length accounts for losses due to elbows or fitting. See the Long Line Guideline for details.

-- = outside acceptable range

LONG LINE APPLICATIONS

An application is considered Long Line when the refrigerant level in the system requires the use of accessories to maintain acceptable refrigerant management for systems reliability. Defining a system as long line depends on the liquid line diameter, actual length of the tubing, and vertical separation between the indoor and outdoor units.

For Heat Pump systems, the chart below shows when an application is considered Long Line. Beyond these lengths, long line accessories are required:

HP WITH PURON® REFRIGERANT LONG LINE DESCRIPTION ft (m) Beyond these lengths, long line accessories are required

Liquid Line Size	Units On Same Level	Outdoor Below Indoor	Outdoor Above Indoor
3/8	80 (24.4)	20 (6.1) vertical or 80 (24.4) total	80 (24.4)

Note: See Long Line Guideline for details

COOLING CAPACITY LOSS TABLE

Nominal Size (Btuh)	Line OD (in.)	25VNA Cooling Capacity Loss (%)										
		Total Equivalent Line Length (ft)										
		25	50	75	80	100	125	150	175	200	225	250
24000	5/8	0.5	1.2	1.8	1.9	2.4	3.0	3.7	4.3	4.9	5.5	6.2
	3/4	0.1	0.4	0.6	0.7	0.8	1.1	1.3	1.5	1.8	2.0	2.3
	7/8	0.0	0.1	0.3	0.3	0.4	0.5	0.6	0.7	0.8	1.0	1.1
36000	5/8	1.1	2.4	3.7	4.0	5.0	6.3	7.7	9.0	10.3	11.6	12.9
	3/4	0.3	0.8	1.3	1.4	1.8	2.3	2.8	3.2	3.7	4.2	4.7
	7/8	0.0	0.3	0.5	0.6	0.8	1.0	1.3	1.5	1.8	2.0	2.3
48000	3/4	0.7	1.6	2.4	2.6	3.2	4.1	4.9	5.7	6.5	7.4	8.2
	7/8	0.3	0.7	1.1	1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.1
	1 1/8	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
60000	3/4	1.0	2.3	3.5	3.8	4.8	6.0	7.3	8.5	9.8	11.0	12.3
	7/8	0.4	1.0	1.7	1.8	2.3	2.9	3.5	4.2	4.8	5.4	6.0
	1 1/8	0.0	0.1	0.3	0.4	0.5	0.7	0.8	1.0	1.2	1.4	1.5

Rating Line Size in **Bold**

TE Length Greater than 80 ft requires Long Line Accessory Liquid Line Solenoid

25VNA

EQUIPMENT SIZING GUIDELINES

If primary load is cooling, size the same as any other air conditioning system. If primary load is heating, use the chart below for maximum size for heating.

MAXIMUM RECOMMENDED EQUIPMENT SIZE - HEATING

COOLING LOAD (tons)	MAXIMUM RECOMMENDED EQUIPMENT SIZE FOR HEATING*
2	36
2.5	36
3	48
3.5	60
4	60
5	60

* Make sure duct work is capable of delivering required airflow . Make sure combination rating exists for desired combination.

MIN/MAX AIRFLOW TABLES

The indoor airflow delivered by this system varies significantly based on outdoor temperature, indoor unit combination, and system demand. The airflows on these tables are for duct design considerations. Duct systems capable of these ranges will ensure

the system will deliver full capacity at all outdoor temperatures. Minimum and maximum airflows can be adjusted from these numbers in the Infinity Control Heat Pump Setup screen.

Cooling – Comfort Mode			Minimum Cooling (Dehum or Zoning)
Size	Max Capacity	Min Capacity	
24	726	651	398
36	1168	651	398
48	1394	1186	693
60	1650	1186	693

Cooling – Efficiency Mode		
Size	Max Capacity	Min Capacity
24	949	830
36	1334	830
48	1593	1355
60	1885	1355

Heating – Comfort Mode		
Size	Max Capacity	Min Capacity
24	698	440
36	1140	451
48	1354	751
60	1354	751

Heating – Efficiency Mode		
Size	Max Capacity	Min Capacity
24	900	750
36	1350	750
48	1600	890
60	1750	901

PHYSICAL DATA

UNIT SIZE SERIES	24-30	36-30	48-30	60-30
Operating Weight lb (kg)	324 (147)	324 (147)	334 (152)	334 (152)
Shipping Weight lb (kg)	367 (167)	367 (167)	375 (170)	375 (170)
Compressor Type	Variable Speed Scroll			
REFRIGERANT	Puron® (R-410A)			
Control	TXV (Puron® Hard Shutoff)			
Charge lb (kg)	13.12 (5.95)	13.12 (5.95)	13.30 (6.03)	13.30 (6.03)
Outdoor Htg Exp. Device	EXV	EXV	EXV	EXV
COND FAN	Forward Swept Propeller Type, Direct Drive			
Air Discharge	Vertical			
Air Qty (CFM)	2700	4269	4350	5000
Motor HP	1/3	1/3	1/3	1/3
Motor RPM	500-900	500-900	500-900	500-900
COND COIL				
Face Area (Sq ft)	30.25	30.25	30.25	30.25
Fins per In.	20	20	20	20
Rows	2	2	2	2
Circuits	8	8	9	9
VALVE CONNECT. (In. ID)				
Vapor	7/8	7/8	7/8	7/8
Liquid	3/8			
REFRIGERANT TUBES (In. OD)				
Rated Vapor*	7/8	7/8	1-1/8	1-1/8
Max Liquid Line	3/8			

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

Note: See unit Installation Instruction for proper installation.

ACCESSORIES

KIT NUMBER	KIT NAME	24-30	36-30	48-30	60-30
KHAEM0101EMI	ELECTRO-MAGNETIC INTERFERENCE KIT	X	X	X	X
KHALS0401LLS	SOLENOID VALVE	X	X	X	X
KHASS0606MPK*	SNOW STAND	X	X	X	X
KSASF0101AAA	SUPPORT FEET	X	X	X	X
KSATX0301PUR	TXV	X	X		
KSATX0401PUR	TXV			X	
KSATX0501PUR	TXV				X
STANDARD	CRANKCASE HEATER	S	S	S	S

x = Accessory S = Standard * Available from RCD

CONTROLS

SYSTXCCUID01-V	Infinity Control Deluxe 7-Day Programmable (Wall-mounted system control.)
SYSTXCCUIZ01-V	Infinity Control Deluxe Zoning 7-Day Programmable (Wall-mounted control for a multi-zone system.)
SYSTXCC4ZC01	Infinity 4-Zone Damper Control Module (Wall-mounted control for a four-zone system.)
SYSTXCCSMS01	Infinity Smart Sensor (Optional wall control used to monitor temperature and/or fan control in an individual zone.)
SYSTXCCRRS01	Infinity Remote Room Sensor (Monitors temperature in an individual zone.)
SYSTXCCRCT01 or SYSTXCCRWF01	Infinity System Access Module (Hardware for wireless access and control via internet.)
SYSTXCCNIM01	Infinity Network Interface Module (Connects Heat Recovery and Energy Recovery Ventilators on non-zoning applications.)
SYSTXX0LBP01	Decorative Back Plate for Infinity Control (Decorative wall plate.)

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)
Crankcase Heater	Standard	Standard	Standard
Evaporator Freeze Protection	Standard with Infinity™ Control	No	No
Liquid-Line Solenoid Valve	No	Yes	No
Low-Ambient Control	Standard with Infinity Control	No	No
Puron Refrigerant Balance Port Hard-ShutOff TXV	Yes†	Yes†	Yes†
Support Feet	Recommended	No	Recommended
Winter Start Control	Standard with Infinity Control	No	No

* For tubing set lengths between 80 and 200 ft. (24.38 and 60.96 m) horizontal or 20 ft. (6.10 m) vertical differential (total equivalent length), refer to the Long Line Guideline—Air Conditioners and Heat Pumps using Puron® Refrigerant.

† Required on all indoor units. Standard on all new Greenspeed™ compatible fan coils and furnace coils.

Accessory Description and Usage (Listed Alphabetically)

1. Compressor Start Assist

The inverter drive gently starts the variable speed compressor at all times. No other start device is compatible with this unit.

2. Crankcase Heater

Compressor motor winding resistance heater which is internal to compressor to keep the lubricant warm during off cycles. Improves compressor lubrication on restart and minimizes the chance of liquid slugging.

Usage:

Used in low ambient cooling applications.

Used in long line applications.

3. 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.

Suggested for all commercial applications.

4. Snow Stand

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

Usage Guideline:

Suggested in the following applications:

Heat pump installations in heavy snowfall areas.

Heat pump installations in snow drift locations.

Heat pump installations in areas of prolonged subfreezing temperatures.

All commercial installations.

5. Thermostatic Expansion Valve (TXV) Bi-Flow

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

Usage Guideline:

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

Required in all heat pump applications designed with Puron refrigerant.

6. Electro-Magnetic Interference Kit

Usage Guideline:

May be required to address radio frequency interference for equipment, such as HAM radios, operating between 6 and 30 MHz.

ELECTRICAL DATA

UNIT SIZE – VOLTAGE, SERIES	V/PH	OPER VOLTS*		COMPR		FAN	MCA	MIN WIRE SIZE†	MIN WIRE SIZE†	MAX LENGTH ft (m)‡	MAX LENGTH ft (m)‡	MAX FUSE* * or CKT BRK AMPS
		MAX	MIN	LRA	RLA	FLA		60°C	75°C	60°C	75°C	
		24–30	208–230–1	253	197	24		16.5	2.9	23.5	12	
36–30	24	16.5				2.9	23.5	12	12	52 (15.9)	50 (16.2)	40
48–30	42	27.0				2.9	36.6	8	8	84 (25.6)	80 (24.3)	50
60–30	42	27.0				2.9	36.6	8	8	84 (25.6)	80 (24.3)	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 (NFPA 70). The ampacity of non–metallic–sheathed cable (NM), trade name ROMEX, shall be that of 60°C conditions, per the NEC (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 (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 2010 requirements of ASHRAE Standards 90.1

SOUND POWER LEVEL (dBA)

Unit Size – Voltage, Series	Typical Octave Band Spectrum (without tone adjustment)	Min Speed Cooling	Max Speed Cooling	*Min Speed Heating	*Max Speed Heating
024–30	Freq (Hz)	1800 RPM	3200 RPM	1800 RPM	5700 RPM
	125	62.0	63.0	63.0	73.5
	250	57.0	56.5	61.5	63.0
	500	54.5	57.5	58.5	66.0
	1000	52.0	58.0	54.5	63.5
	2000	47.5	54.0	51.5	64.5
	4000	44.5	48.0	48.0	59.5
	8000	52.5	54.5	54.0	61.5
	Sound Rating (dBA)	58	63	62	71
036–30	Freq (Hz)	1800 RPM	4500 RPM	1800 RPM	6850**
	125	62.0	64.5	63.0	67.0
	250	57.0	60.5	61.5	67.5
	500	54.5	61.0	58.5	69.0
	1000	52.0	61.0	54.5	67.0
	2000	47.5	56.0	51.5	67.0
	4000	44.5	51.0	48.0	63.0
	8000	52.5	54.5	54.0	61.5
	Sound Rating (dBA)	58	65	62	75
048–30	Freq (Hz)	1800 RPM	3450 RPM	1800 RPM	6300**
	125	62.0	70.0	66.0	73.5
	250	60.5	67.5	63.0	69.5
	500	56.0	67.0	63.0	73.5
	1000	59.0	63.0	58.0	72.0
	2000	54.0	60.0	53.5	66.5
	4000	52.5	56.0	50.0	65.5
	8000	58.5	58.5	57.0	63.0
	Sound Rating (dBA)	65	70	64	76
060–30	Freq (Hz)	1800 RPM	4250 RPM	1800 RPM	6300**
	50	62.0	65.0	66.0	73.5
	100	60.5	67.5	63.0	69.5
	200	56.0	67.5	63.0	73.5
	400	59.0	66.5	58.0	72.0
	800	54.0	61.0	53.5	66.5
	1600	52.5	60.5	50.0	65.5
	3150	58.5	59.0	57.0	63.0
	Sound Rating (dBA)	65	72	64	76

NOTE: Tested in compliance with AHRI 270–2008 but not listed with AHRI.

* 024 & 036 tested at 44°F Outdoor Air Temperature. 048 & 060 tested at 40°F

**Testable RPM limited by outdoor temp. Max unit RPM is 6500 for the 4 ton and 7000 for the 3 and 5 ton.

CHARGING SUBCOOLING (TXV-TYPE EXPANSION DEVICE)

UNIT SIZE – VOLTAGE, SERIES	REQUIRED SUBCOOLING °F (°C) – See UI
24–30	Subcooling recommendation displayed on UI in Charging Mode must be followed
36–30	
48–30	
60–30	

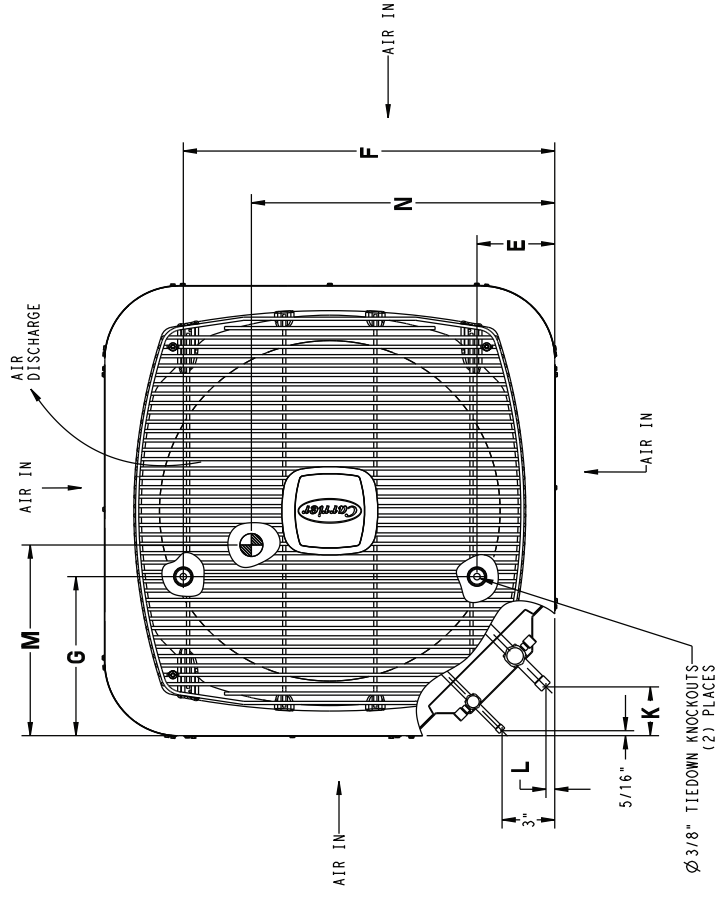
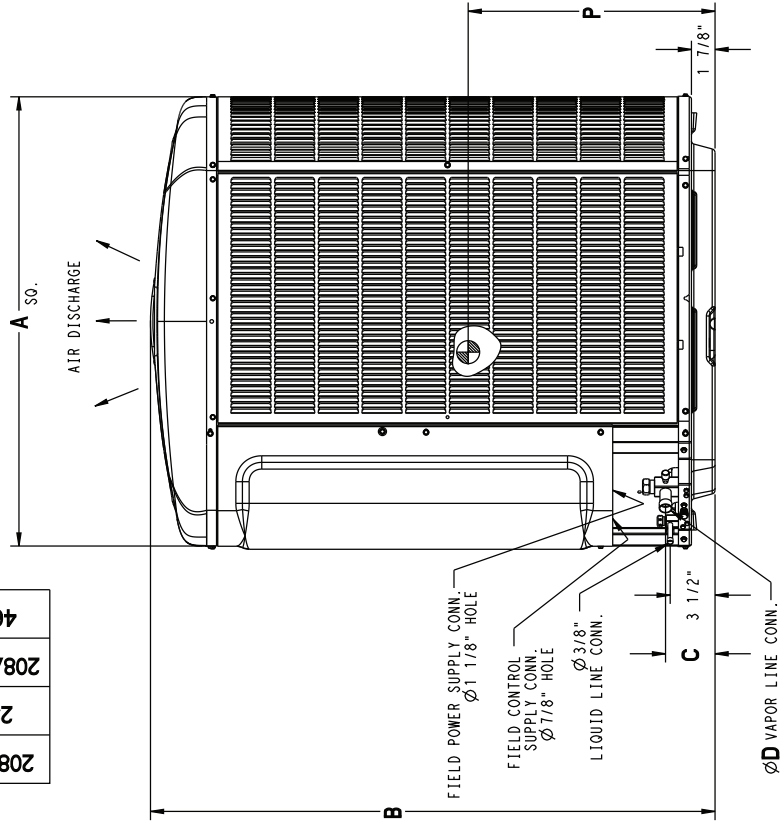
25VNA

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)
25VNA024	0	X 0 0 0	35"	44"	3 7/8"	7/8"	6 9/16"	28 7/16"	9 1/8"	2 15/16"	5/8"	16 1/4"	16 1/4"	21 1/4"	324	367	36 1/8" X 39 1/4" X 50 3/16"
25VNA036	0	X 0 0 0	35"	44"	3 7/8"	7/8"	6 9/16"	28 7/16"	9 1/8"	2 15/16"	5/8"	16 1/4"	16 1/4"	21 1/4"	324	367	36 1/8" X 39 1/4" X 50 3/16"
25VNA048	0	X 0 0 0	35"	44"	3 7/8"	7/8"	6 9/16"	28 7/16"	9 1/8"	2 15/16"	5/8"	16 1/4"	16 1/4"	21 1/4"	334	375	36 1/8" X 39 1/4" X 50 3/16"
25VNA060	0	X 0 0 0	35"	44"	3 7/8"	7/8"	6 9/16"	28 7/16"	9 1/8"	2 15/16"	5/8"	16 1/4"	16 1/4"	21 1/4"	334	375	36 1/8" X 39 1/4" X 50 3/16"

208-230-160	460-3-60
230-160	208/230-3-60

X = YES
O = NO

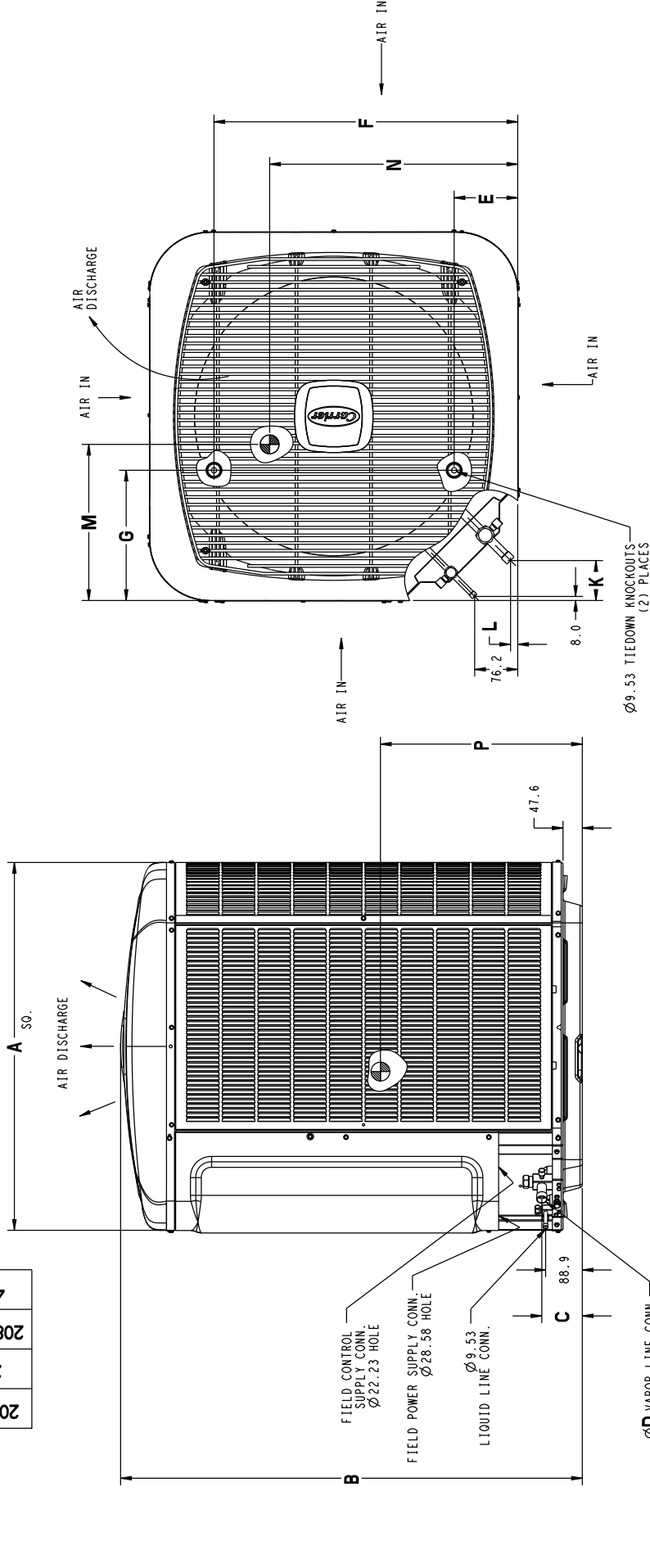


UNIT SIZE	MINIMUM MOUNTING PAD DIMENSIONS
-	31 1/2" X 31 1/2"
24, 36, 48, 60	35" X 35"

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)
25VNA024	0	X 0 0 0	889.0	1116.7	98.4	22.2	166.7	722.3	231.8	74.6	15.9	412.8	412.8	539.8	147	167	917.7 X 997.7 X 1274.9
25VNA036	0	X 0 0 0	889.0	1116.7	98.4	22.2	166.7	722.3	231.8	74.6	15.9	412.8	412.8	539.8	147	167	917.7 X 997.7 X 1274.9
25VNA048	0	X 0 0 0	889.0	1116.7	98.4	22.2	166.7	722.3	231.8	74.6	15.9	412.8	412.8	539.8	152	170	917.7 X 997.7 X 1274.9
25VNA060	0	X 0 0 0	889.0	1116.7	98.4	22.2	166.7	722.3	231.8	74.6	15.9	412.8	412.8	539.8	152	170	917.7 X 997.7 X 1274.9

X = YES
O = NO

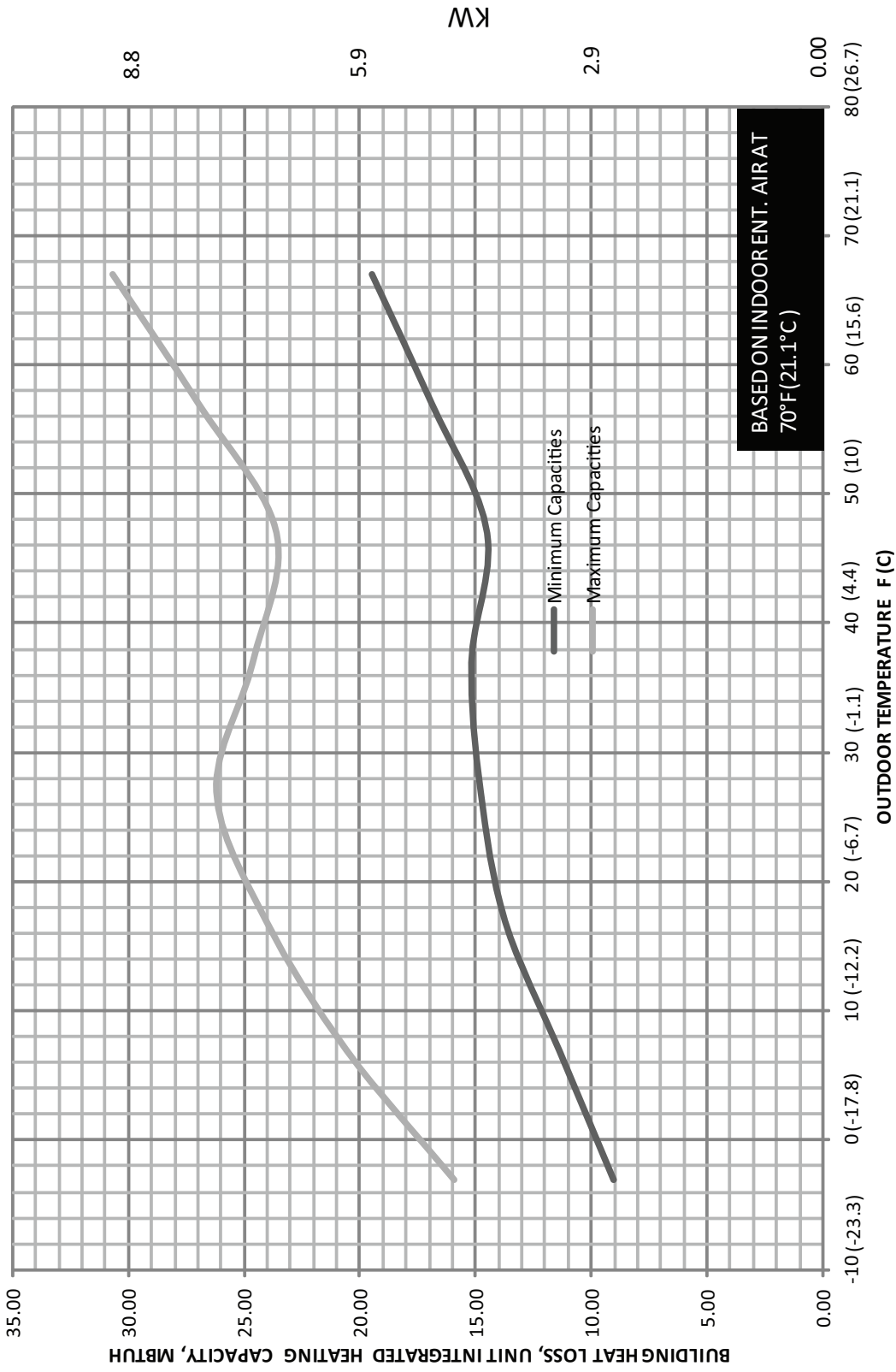


UNIT SIZE	MINIMUM MOUNTING PAD DIMENSIONS
-	800.1 X 800.1
24.36, 48.60	889.0 X 889.0

25VNA

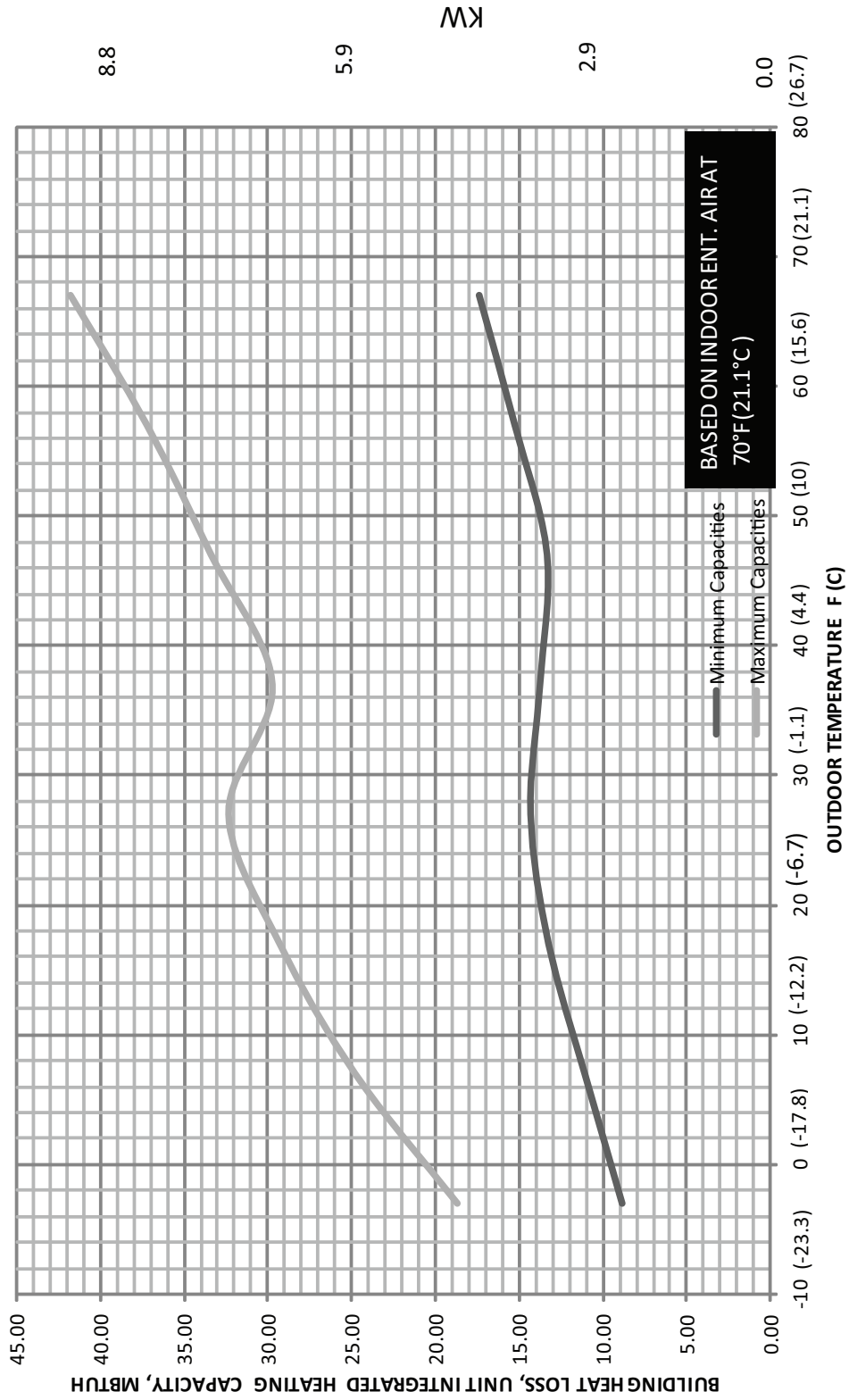
25VNA BALANCE POINT WORKSHEET

25VNA024 BALANCE POINT WORK SHEET
(MINIMUM & MAXIMUM HEATING CAPACITIES)



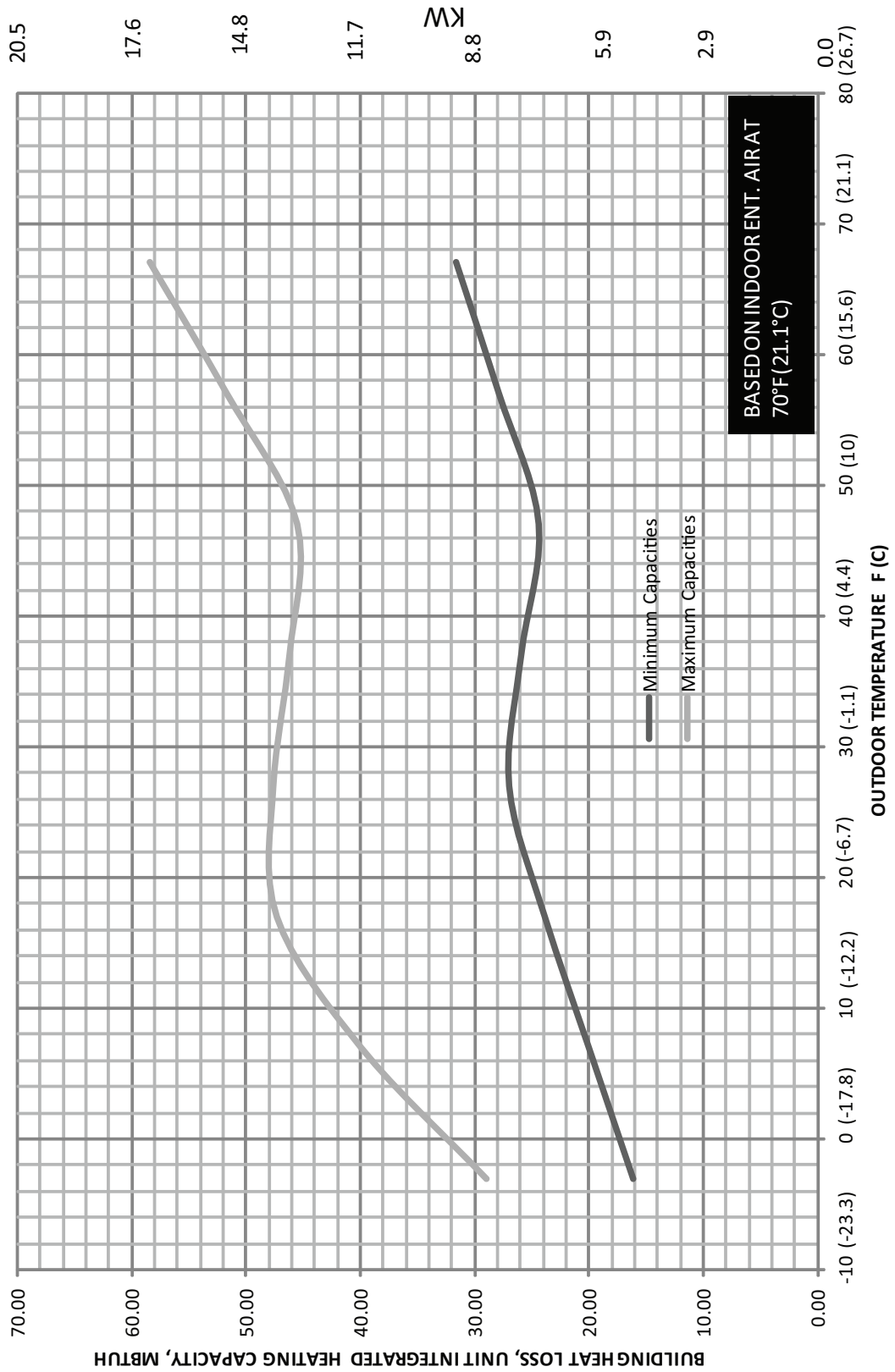
25VNA BALANCE POINT WORKSHEET CONT.

25VNA036 BALANCE POINT WORKSHEET
(MINIMUM & MAXIMUM HEATING CAPACITIES)



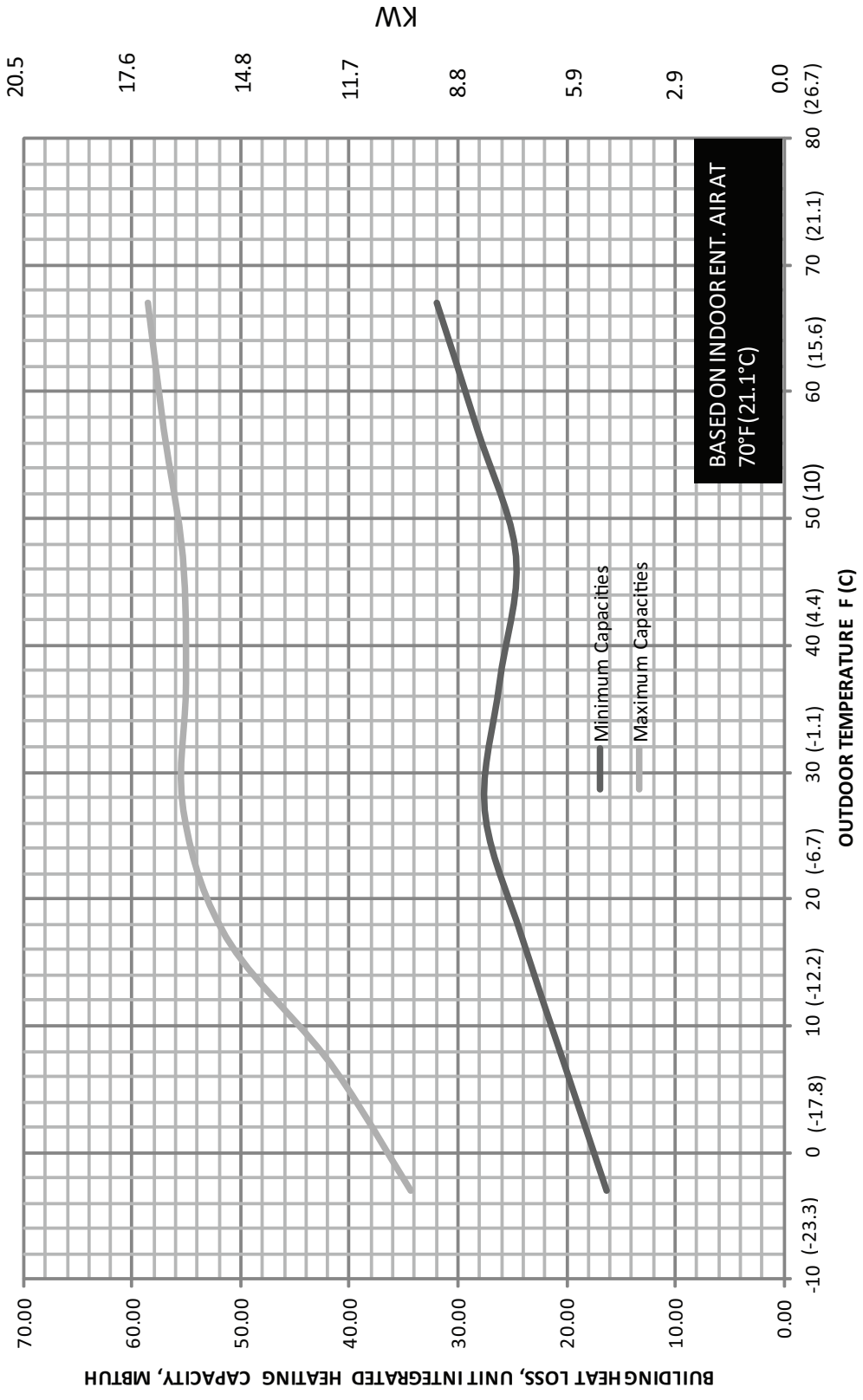
25VNA BALANCE POINT WORKSHEET CONT.

25VNA048 BALANCE POINT WORK SHEET
 MINIMUM AND MAXIMUM HEATING CAPACITIES



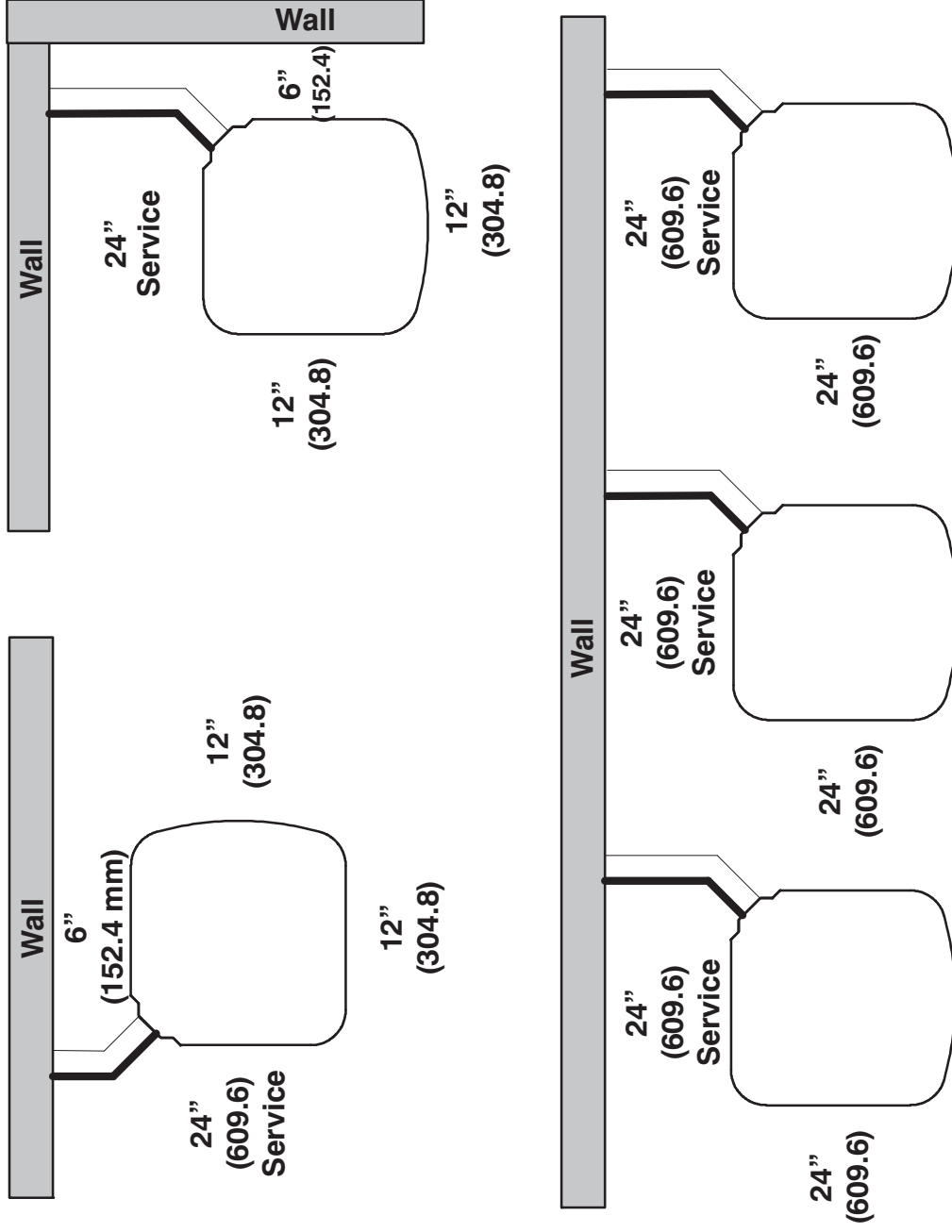
25VNA BALANCE POINT WORKSHEET CONT.

25VNA060 BALANCE POINT WORK SHEET
 MINIMUM AND MAXIMUM HEATING CAPACITIES



CLEARANCES

Clearances (various examples)



Note: Numbers in () = mm

IMPORTANT: When installing multiple units in an alcove, roof well, or partially enclosed area, ensure there is adequate ventilation to prevent re-circulation of discharge air.

COMBINATION RATINGS

AHRI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cig. Cap. High	Cig. Cap. Low	EER	SEER	ID CFM		High Temp		Low Temp		
								High	Low	E Capacity	E COP	H Capacity	H COP	
4540692	25VNA024A**30	TFE4ANB006+UI		25,200	19,200	16.0	20.5	900	650	23,600	4.70	13.0	24,800	2.54
4618396	25VNA024A**30	CAP**3614A**+UI	58CV(A,X)070-12	24,000	18,600	14.4	19.0	900	650	24,200	3.96	10.6	25,200	2.20
4618399	25VNA024A**30	CAP**3617A**+UI	58CV(A,X)070-12	24,200	18,700	14.6	19.1	900	650	24,200	3.98	10.8	25,200	2.20
4618401	25VNA024A**30	CAP**3617A**+UI	58CV(A,X)090-16	24,200	18,700	14.9	19.4	900	650	24,000	4.02	10.8	25,200	2.22
4618398	25VNA024A**30	CAP**3617A**+UI	58MV(B,C)060-14	24,200	18,600	14.7	19.0	900	650	24,200	4.00	10.8	25,200	2.22
4701886	25VNA024A**30	CAP**3617A**+UI	59*N*A060V17**14	24,200	18,600	14.6	18.9	900	650	24,000	3.94	10.8	25,400	2.20
4701887	25VNA024A**30	CAP**3617A**+UI	59*N*A080V17**14	24,200	18,600	14.6	19.0	900	650	24,000	3.98	10.8	25,200	2.20
4625704	25VNA024A**30	CAP**3619A**+UI	58CV(A,X)090-16	24,200	18,800	14.9	19.3	900	700	23,800	4.02	10.8	25,200	2.22
4625702	25VNA024A**30	CAP**3619A**+UI	58MV(B,C)060-14	24,200	18,800	14.7	19.0	900	700	24,000	4.00	10.8	25,200	2.22
4618410	25VNA024A**30	CAP**3621A**+UI	58CV(A,X)090-16	24,200	18,800	15.0	19.5	900	680	24,000	4.04	10.9	25,200	2.22
4618412	25VNA024A**30	CAP**3621A**+UI	58CV(A,X)110-20	24,200	18,800	15.0	19.4	900	700	24,000	4.04	10.9	25,200	2.22
4618403	25VNA024A**30	CAP**3621A**+UI	58MV(B,C)060-14	24,200	18,700	14.8	19.2	900	650	24,000	4.02	10.8	25,200	2.22
4618405	25VNA024A**30	CAP**3621A**+UI	58MV(B,C)080-14	24,200	18,600	14.6	19.0	900	650	24,200	3.98	10.8	25,200	2.20
4618407	25VNA024A**30	CAP**3621A**+UI	58MV(B,C)060-20	24,200	18,700	14.7	19.0	900	665	24,200	3.98	10.7	25,200	2.22
4618408	25VNA024A**30	CAP**3621A**+UI	58MV(B,C)100-20	24,200	18,700	14.7	19.1	900	680	24,200	4.00	10.8	25,200	2.22
4701888	25VNA024A**30	CAP**3621A**+UI	59*N*A060V17**14	24,200	18,600	14.8	19.1	900	650	24,000	3.96	11.0	25,200	2.20
4701889	25VNA024A**30	CAP**3621A**+UI	59*N*A080V17**14	24,200	18,600	14.6	19.0	900	650	24,000	4.00	11.0	25,200	2.20
4701890	25VNA024A**30	CAP**3621A**+UI	59*N*A100V21**20	24,200	18,700	14.7	19.1	900	680	24,000	4.02	11.0	25,200	2.20
4618421	25VNA024A**30	CAP**4221A**+UI	58CV(A,X)090-16	24,400	19,000	15.1	19.6	900	700	24,000	4.20	11.5	25,000	2.30
4618423	25VNA024A**30	CAP**4221A**+UI	58CV(A,X)110-20	24,400	18,900	15.1	19.5	900	700	24,000	4.20	11.5	25,000	2.30
4618414	25VNA024A**30	CAP**4221A**+UI	58MV(B,C)060-14	24,400	18,900	15.0	19.3	900	700	24,000	4.18	11.5	25,000	2.28
4618416	25VNA024A**30	CAP**4221A**+UI	58MV(B,C)080-14	24,400	18,900	14.7	19.0	900	700	24,000	4.14	11.4	25,200	2.28
4618417	25VNA024A**30	CAP**4221A**+UI	58MV(B,C)080-20	24,400	18,900	14.8	19.0	900	700	24,000	4.14	11.4	25,200	2.28
4618420	25VNA024A**30	CAP**4221A**+UI	58MV(B,C)100-20	24,400	18,900	14.8	19.1	900	700	24,000	4.16	11.4	25,200	2.28
4701891	25VNA024A**30	CAP**4221A**+UI	59*N*A060V17**14	24,200	18,800	14.9	19.1	900	680	23,800	4.20	11.5	25,200	2.26
4701892	25VNA024A**30	CAP**4221A**+UI	59*N*A080V17**14	24,200	18,800	14.7	19.0	900	680	23,800	4.24	11.5	25,200	2.28
4701893	25VNA024A**30	CAP**4221A**+UI	59*N*A100V21**20	24,400	18,800	14.8	19.1	900	680	23,600	4.26	11.5	25,200	2.28
4618433	25VNA024A**30	CAP**4224A**+UI	58CV(A,X)110-20	24,400	19,000	15.1	19.6	900	700	24,000	4.20	11.5	25,000	2.30
4618435	25VNA024A**30	CAP**4224A**+UI	58CV(A,X)135-22	24,400	19,000	15.3	19.8	900	700	23,800	4.22	11.6	25,000	2.30
4618437	25VNA024A**30	CAP**4224A**+UI	58CV(A,X)155-22	24,400	19,000	15.4	20.0	900	700	23,800	4.24	11.6	25,000	2.30
4618426	25VNA024A**30	CAP**4224A**+UI	58MV(B,C)060-14	24,400	18,900	14.8	19.0	900	700	24,000	4.14	11.4	25,200	2.28
4618428	25VNA024A**30	CAP**4224A**+UI	58MV(B,C)080-20	24,400	18,900	14.8	19.0	900	700	24,000	4.16	11.4	25,200	2.28
4618430	25VNA024A**30	CAP**4224A**+UI	58MV(B,C)100-20	24,400	18,900	14.9	19.2	900	700	24,000	4.16	11.4	25,200	2.28
4618431	25VNA024A**30	CAP**4224A**+UI	58MV(B,C)120-20	24,400	18,900	15.0	19.4	900	700	24,000	4.18	11.5	25,000	2.28
4618425	25VNA024A**30	CAP**4224A**+UI	58MV(B,C)040-14	24,400	18,900	14.9	19.3	900	700	24,000	4.16	11.4	25,200	2.28
4701894	25VNA024A**30	CAP**4224A**+UI	59*N*A100V21**20	24,400	18,800	14.9	19.2	900	680	23,600	4.26	11.5	25,200	2.28
4701895	25VNA024A**30	CAP**4224A**+UI	59*N*A120V24**22	24,400	18,800	15.0	19.4	900	680	23,600	4.30	11.5	25,000	2.28
4618441	25VNA024A**30	CAP**4817A**+UI	58CV(A,X)070-12	24,800	19,200	15.1	19.6	900	700	23,400	4.54	12.1	24,800	2.48
4618443	25VNA024A**30	CAP**4817A**+UI	58CV(A,X)090-16	25,000	19,300	15.5	20.0	900	700	23,400	4.60	12.5	24,800	2.50
4618439	25VNA024A**30	CAP**4817A**+UI	58MV(B,C)060-14	24,800	19,200	15.3	19.7	900	700	23,400	4.58	12.1	24,800	2.50
4701896	25VNA024A**30	CAP**4817A**+UI	59*N*A060V17**14	24,600	19,100	15.2	19.5	900	680	23,000	4.48	12.2	25,000	2.46
4701897	25VNA024A**30	CAP**4817A**+UI	59*N*A080V17**14	24,800	19,100	15.3	19.5	900	680	23,000	4.44	12.2	24,800	2.46
4618451	25VNA024A**30	CAP**4821A**+UI	58CV(A,X)090-16	24,800	19,100	15.3	20.0	900	700	23,600	4.54	12.5	24,800	2.46
4618452	25VNA024A**30	CAP**4821A**+UI	58CV(A,X)110-20	24,800	19,100	15.3	19.8	900	700	23,600	4.52	12.1	24,800	2.46
4618445	25VNA024A**30	CAP**4821A**+UI	58MV(B,C)060-14	24,600	19,100	15.2	19.5	900	700	23,600	4.50	12.1	24,800	2.44
4618446	25VNA024A**30	CAP**4821A**+UI	58MV(B,C)080-14	24,600	19,100	15.0	19.3	900	700	23,600	4.46	12.0	25,000	2.44
4618447	25VNA024A**30	CAP**4821A**+UI	58MV(B,C)060-20	24,600	19,100	15.0	19.2	900	700	23,600	4.46	12.0	25,000	2.44

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COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cig. Cap. High	Cig. Cap. Low	EER	SEER	ID CFM		High Temp		Low Temp	
								High	Low	E Capacity	E COP	H Capacity	H COP
4618449	25VNA024A**30	CAP**4821A**+UI	58MV(B,C)100-20	24,600	19,100	15.1	19.4	900	700	23,600	4.48	24,800	2.44
4701898	25VNA024A**30	CAP**4821A**+UI	59*N*A060V17**14	24,600	19,000	15.1	19.4	900	680	23,200	4.38	25,000	2.42
4701899	25VNA024A**30	CAP**4821A**+UI	59*N*A080V17**14	24,600	19,000	15.0	19.3	900	680	23,200	4.44	25,000	2.44
4701900	25VNA024A**30	CAP**4821A**+UI	59*N*A100V21**20	24,600	19,000	15.1	19.4	900	680	23,200	4.46	25,000	2.44
4625711	25VNA024A**30	CAP**4823A**+UI	58CV(A,X)110-20	24,800	19,100	15.3	19.8	900	700	23,600	4.52	24,800	2.46
4625706	25VNA024A**30	CAP**4823A**+UI	58MV(B,C)080-14	24,600	19,100	15.0	19.3	900	700	23,600	4.46	25,000	2.44
4625708	25VNA024A**30	CAP**4823A**+UI	58MV(B,C)080-20	24,600	19,100	15.0	19.2	900	700	23,600	4.46	25,000	2.44
4625709	25VNA024A**30	CAP**4823A**+UI	58MV(B,C)100-20	24,600	19,100	15.1	19.4	900	700	23,600	4.48	24,800	2.44
4618463	25VNA024A**30	CAP**4824A**+UI	58CV(A,X)110-20	24,800	19,100	15.4	20.0	900	700	23,600	4.54	24,800	2.46
4618465	25VNA024A**30	CAP**4824A**+UI	58CV(A,X)135-22	24,800	19,200	15.5	20.1	900	700	23,600	4.56	24,800	2.46
4618467	25VNA024A**30	CAP**4824A**+UI	58CV(A,X)155-22	24,800	19,200	15.6	20.3	900	700	23,600	4.58	24,800	2.46
4618456	25VNA024A**30	CAP**4824A**+UI	58MV(B,C)080-14	24,600	19,100	15.0	19.3	900	700	23,600	4.48	25,000	2.44
4618458	25VNA024A**30	CAP**4824A**+UI	58MV(B,C)080-20	24,600	19,100	15.1	19.3	900	700	23,600	4.48	24,800	2.44
4618460	25VNA024A**30	CAP**4824A**+UI	58MV(B,C)100-20	24,600	19,100	15.1	19.4	900	700	23,600	4.50	24,800	2.44
4618461	25VNA024A**30	CAP**4824A**+UI	58MV(B,C)120-20	24,800	19,100	15.3	19.6	900	700	23,600	4.52	24,800	2.46
4618454	25VNA024A**30	CAP**4824A**+UI	58MV(B,C)040-14	24,600	19,100	15.1	19.6	900	700	23,600	4.50	24,800	2.44
4701901	25VNA024A**30	CAP**4824A**+UI	59*N*A100V21**20	24,600	19,000	15.1	19.4	900	680	23,000	4.48	25,000	2.44
4701902	25VNA024A**30	CAP**4824A**+UI	59*N*A120V24**22	24,800	19,000	15.3	19.6	900	680	23,000	4.52	24,800	2.44
4618476	25VNA024A**30	CAP**6021A**+UI	58CV(A,X)090-16	24,800	19,300	15.5	20.2	900	700	23,200	4.62	24,400	2.50
4618478	25VNA024A**30	CAP**6021A**+UI	58CV(A,X)110-20	24,800	19,300	15.4	20.1	900	700	23,200	4.60	24,400	2.50
4618469	25VNA024A**30	CAP**6021A**+UI	58MV(B,C)060-14	24,800	19,300	15.3	19.8	900	700	23,200	4.58	24,600	2.48
4618471	25VNA024A**30	CAP**6021A**+UI	58MV(B,C)080-14	24,800	19,200	15.1	19.6	900	700	23,200	4.54	24,600	2.48
4618473	25VNA024A**30	CAP**6021A**+UI	58MV(B,C)080-20	24,800	19,200	15.1	19.6	900	700	23,200	4.54	24,600	2.48
4618474	25VNA024A**30	CAP**6021A**+UI	58MV(B,C)100-20	24,800	19,200	15.2	19.7	900	700	23,200	4.56	24,600	2.48
4701903	25VNA024A**30	CAP**6021A**+UI	59*N*A060V17**14	24,600	19,100	15.2	19.7	900	680	22,800	4.46	24,600	2.46
4701904	25VNA024A**30	CAP**6021A**+UI	59*N*A080V17**14	24,600	19,200	15.1	19.6	900	680	22,800	4.50	24,600	2.48
4701905	25VNA024A**30	CAP**6021A**+UI	59*N*A100V21**20	24,800	19,100	15.2	19.7	900	680	22,800	4.52	24,600	2.48
4618489	25VNA024A**30	CAP**6024A**+UI	58CV(A,X)110-20	24,800	19,300	15.4	20.0	900	700	23,200	4.60	24,400	2.50
4618491	25VNA024A**30	CAP**6024A**+UI	58CV(A,X)135-22	24,800	19,300	15.6	20.3	900	700	23,200	4.64	24,400	2.50
4618492	25VNA024A**30	CAP**6024A**+UI	58CV(A,X)155-22	24,800	19,300	15.7	20.5	900	700	23,000	4.66	24,400	2.50
4618482	25VNA024A**30	CAP**6024A**+UI	58MV(B,C)080-14	24,800	19,200	15.1	19.5	900	700	23,200	4.54	24,600	2.48
4618483	25VNA024A**30	CAP**6024A**+UI	58MV(B,C)080-20	24,800	19,200	15.1	19.5	900	700	23,200	4.54	24,600	2.48
4618485	25VNA024A**30	CAP**6024A**+UI	58MV(B,C)100-20	24,800	19,200	15.2	19.7	900	700	23,200	4.56	24,600	2.48
4618487	25VNA024A**30	CAP**6024A**+UI	58MV(B,C)120-20	24,800	19,300	15.3	19.9	900	700	23,200	4.60	24,400	2.48
4618480	25VNA024A**30	CAP**6024A**+UI	58MV(B,C)040-14	24,800	19,300	15.2	19.8	900	700	23,200	4.56	24,600	2.48
4701906	25VNA024A**30	CAP**6024A**+UI	59*N*A100V21**20	24,800	19,100	15.2	19.7	900	680	22,800	4.52	24,600	2.48
4701907	25VNA024A**30	CAP**6024A**+UI	59*N*A120V24**22	24,800	19,200	15.3	19.9	900	680	22,600	4.58	24,600	2.48
4618506	25VNA024A**30	CAP**6025A**+UI	58CV(A,X)110-20	24,800	19,300	15.4	20.0	900	700	23,200	4.60	24,400	2.50
4618508	25VNA024A**30	CAP**6025A**+UI	58CV(A,X)135-22	24,800	19,300	15.6	20.3	900	700	23,200	4.64	24,400	2.50
4618510	25VNA024A**30	CAP**6025A**+UI	58CV(A,X)155-22	24,800	19,300	15.7	20.5	900	700	23,000	4.66	24,400	2.50
4618499	25VNA024A**30	CAP**6025A**+UI	58MV(B,C)080-14	24,800	19,200	15.1	19.5	900	700	23,200	4.54	24,600	2.48
4618501	25VNA024A**30	CAP**6025A**+UI	58MV(B,C)080-20	24,800	19,200	15.1	19.5	900	700	23,200	4.54	24,600	2.48
4618502	25VNA024A**30	CAP**6025A**+UI	58MV(B,C)100-20	24,800	19,200	15.2	19.7	900	700	23,200	4.56	24,600	2.48
4618504	25VNA024A**30	CAP**6025A**+UI	58MV(B,C)120-20	24,800	19,300	15.3	19.9	900	700	23,200	4.60	24,400	2.48
4618497	25VNA024A**30	CAP**6025A**+UI	58MV(B,C)040-14	24,800	19,300	15.2	19.8	900	700	23,200	4.56	24,600	2.48
4618584	25VNA024A**30	CNPH*3617A**+UI	58CV(A,X)070-12	24,000	18,800	14.5	18.8	900	700	24,000	3.86	25,200	2.16
4618586	25VNA024A**30	CNPH*3617A**+UI	58CV(A,X)090-16	24,200	18,800	14.7	19.1	900	700	24,000	3.90	25,200	2.16

See notes on page 32

COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cig. Cap. High	Cig. Cap. Low	EER	SEER	ID CFM		High Temp		Low Temp		
								High	Low	E Capacity	E COP	H Capacity	H COP	
4618588	25VNA024A**30	CNPH*3617A**+UI	58CV(A,X)110-20	24,200	18,800	14.7	19.0	900	700	24,000	3.88	10.6	25,200	2.16
4618589	25VNA024A**30	CNPH*3617A**+UI	58CV(A,X)135-22	24,200	18,800	14.8	19.2	900	700	24,000	3.90	10.6	25,200	2.16
4618591	25VNA024A**30	CNPH*3617A**+UI	58CV(A,X)155-22	24,200	18,800	15.0	19.4	900	700	24,000	3.92	10.6	25,200	2.18
4618575	25VNA024A**30	CNPH*3617A**+UI	58MV(B,C)060-14	24,200	18,800	14.6	18.8	900	700	24,000	3.88	10.6	25,200	2.16
4618577	25VNA024A**30	CNPH*3617A**+UI	58MV(B,C)080-14	24,000	18,700	14.3	18.5	900	700	24,200	3.84	10.5	25,200	2.16
4618579	25VNA024A**30	CNPH*3617A**+UI	58MV(B,C)080-20	24,000	18,700	14.4	18.5	900	700	24,200	3.84	10.5	25,200	2.16
4618581	25VNA024A**30	CNPH*3617A**+UI	58MV(B,C)100-20	24,000	18,700	14.5	18.6	900	700	24,000	3.86	10.5	25,200	2.16
4618582	25VNA024A**30	CNPH*3617A**+UI	58MV(B,C)120-20	24,200	18,800	14.6	18.8	900	700	24,000	3.88	10.6	25,200	2.16
4618573	25VNA024A**30	CNPH*3617A**+UI	58MV(B,C)100-14	24,000	18,600	14.5	18.8	900	700	24,000	3.86	10.5	25,200	2.16
4701931	25VNA024A**30	CNPH*3617A**+UI	59*N*A060V17**14	24,200	18,600	14.5	18.6	900	680	24,000	3.82	10.3	25,400	2.14
4701932	25VNA024A**30	CNPH*3617A**+UI	59*N*A080V17**14	24,200	18,700	14.3	18.5	900	680	24,000	3.86	10.4	25,400	2.16
4701933	25VNA024A**30	CNPH*3617A**+UI	59*N*A100V21**20	24,200	18,600	14.5	18.6	900	680	24,000	3.88	10.5	25,200	2.16
4701934	25VNA024A**30	CNPH*3617A**+UI	59*N*A120V24**22	24,200	18,700	14.6	18.8	900	680	24,000	3.90	10.6	25,200	2.16
4618602	25VNA024A**30	CNPH*4221A**+UI	58CV(A,X)070-12	24,400	18,900	14.7	19.1	900	700	24,000	4.14	11.2	25,200	2.28
4618604	25VNA024A**30	CNPH*4221A**+UI	58CV(A,X)090-16	24,400	19,000	15.0	19.5	900	700	24,000	4.18	11.3	25,000	2.28
4618606	25VNA024A**30	CNPH*4221A**+UI	58CV(A,X)110-20	24,400	18,900	15.0	19.3	900	700	24,000	4.16	11.3	25,200	2.28
4618608	25VNA024A**30	CNPH*4221A**+UI	58CV(A,X)135-22	24,400	19,000	15.1	19.5	900	700	24,000	4.20	11.3	25,000	2.30
4618609	25VNA024A**30	CNPH*4221A**+UI	58CV(A,X)155-22	24,400	19,000	15.2	19.7	900	700	24,000	4.22	11.3	25,000	2.30
4618593	25VNA024A**30	CNPH*4221A**+UI	58MV(B,C)060-14	24,400	18,900	14.9	19.1	900	700	24,000	4.16	11.2	25,200	2.28
4618595	25VNA024A**30	CNPH*4221A**+UI	58MV(B,C)080-14	24,400	18,900	14.6	18.8	900	700	24,000	4.12	11.2	25,200	2.28
4618597	25VNA024A**30	CNPH*4221A**+UI	58MV(B,C)080-20	24,400	18,900	14.7	18.8	900	700	24,000	4.12	11.2	25,200	2.28
4618599	25VNA024A**30	CNPH*4221A**+UI	58MV(B,C)100-20	24,400	18,900	14.7	19.0	900	700	24,000	4.14	11.2	25,200	2.28
4618600	25VNA024A**30	CNPH*4221A**+UI	58MV(B,C)120-20	24,400	18,900	14.9	19.2	900	700	24,000	4.16	11.2	25,200	2.28
4618592	25VNA024A**30	CNPH*4221A**+UI	58MV(B,C)120-14	24,400	18,900	14.7	19.1	900	700	24,000	4.14	11.2	25,200	2.28
4701935	25VNA024A**30	CNPH*4221A**+UI	59*N*A060V17**14	24,200	18,800	14.8	18.9	900	680	24,000	4.08	11.5	25,200	2.26
4701936	25VNA024A**30	CNPH*4221A**+UI	59*N*A080V17**14	24,200	18,800	14.6	18.8	900	680	24,000	4.12	11.5	25,200	2.28
4701937	25VNA024A**30	CNPH*4221A**+UI	59*N*A100V21**20	24,400	18,800	14.7	19.0	900	680	24,000	4.14	11.5	25,200	2.28
4701938	25VNA024A**30	CNPH*4221A**+UI	59*N*A120V24**22	24,400	18,800	14.9	19.2	900	680	24,000	4.18	11.5	25,200	2.28
4618623	25VNA024A**30	CNPH*4321A**+UI	58CV(A,X)070-12	25,000	19,400	15.4	20.0	900	700	23,600	4.56	12.5	25,000	2.46
4618624	25VNA024A**30	CNPH*4321A**+UI	58CV(A,X)090-16	25,000	19,400	15.7	20.3	900	700	23,400	4.62	12.5	25,000	2.48
4618626	25VNA024A**30	CNPH*4321A**+UI	58CV(A,X)110-20	25,000	19,400	15.6	20.2	900	700	23,400	4.62	12.5	25,000	2.48
4618628	25VNA024A**30	CNPH*4321A**+UI	58CV(A,X)135-22	25,200	19,400	15.8	20.5	900	700	23,400	4.64	12.5	25,000	2.48
4618630	25VNA024A**30	CNPH*4321A**+UI	58CV(A,X)155-22	25,200	19,500	16.0	20.5	900	700	23,400	4.66	12.5	25,000	2.48
4618613	25VNA024A**30	CNPH*4321A**+UI	58MV(B,C)060-14	25,000	19,400	15.5	20.0	900	700	23,400	4.60	12.5	25,000	2.48
4618615	25VNA024A**30	CNPH*4321A**+UI	58MV(B,C)080-14	25,000	19,400	15.3	19.7	900	700	23,600	4.54	12.3	25,200	2.46
4618617	25VNA024A**30	CNPH*4321A**+UI	58MV(B,C)080-20	25,000	19,400	15.3	19.6	900	700	23,600	4.56	12.3	25,000	2.46
4618619	25VNA024A**30	CNPH*4321A**+UI	58MV(B,C)100-20	25,000	19,400	15.4	20.0	900	700	23,600	4.58	12.5	25,000	2.46
4618621	25VNA024A**30	CNPH*4321A**+UI	58MV(B,C)120-20	25,000	19,400	15.6	20.0	900	700	23,400	4.60	12.5	25,000	2.48
4618611	25VNA024A**30	CNPH*4321A**+UI	58MV(B,C)120-14	25,000	19,400	15.4	20.0	900	700	23,600	4.58	12.3	25,000	2.46
4701939	25VNA024A**30	CNPH*4321A**+UI	59*N*A060V17**14	24,800	19,200	15.4	19.8	900	680	23,200	4.50	12.5	25,000	2.48
4701940	25VNA024A**30	CNPH*4321A**+UI	59*N*A080V17**14	25,000	19,200	15.3	19.7	900	680	23,200	4.56	12.5	25,000	2.50
4701941	25VNA024A**30	CNPH*4321A**+UI	59*N*A100V21**20	25,000	19,200	15.4	20.0	900	680	23,200	4.58	12.5	25,000	2.50
4701942	25VNA024A**30	CNPH*4321A**+UI	59*N*A120V24**22	25,000	19,200	15.6	20.0	900	680	23,000	4.62	12.5	24,800	2.50
4618643	25VNA024A**30	CNPH*4821A**+UI	58CV(A,X)070-12	24,800	19,200	15.1	19.7	900	700	23,800	4.44	12.3	25,000	2.42
4618645	25VNA024A**30	CNPH*4821A**+UI	58CV(A,X)090-16	24,800	19,200	15.5	20.0	900	700	23,600	4.50	12.5	25,000	2.44
4618646	25VNA024A**30	CNPH*4821A**+UI	58CV(A,X)110-20	24,800	19,200	15.4	20.0	900	700	23,600	4.50	12.5	25,000	2.44
4618648	25VNA024A**30	CNPH*4821A**+UI	58CV(A,X)135-22	24,800	19,200	15.6	20.2	900	700	23,600	4.54	12.5	24,800	2.44

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COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cig. Cap. High	Cig. Cap. Low	EER	SEER	ID CFM		High Temp		Low Temp	
								High	Low	E Capacity	E COP	H Capacity	H COP
4618650	25VNA024A**30	CNPH*4821A**+UI	58CV(A,X)155-22	24,800	19,200	15.7	20.4	900	700	23,600	4.54	24,800	2.44
4618634	25VNA024A**30	CNPH*4821A**+UI	58MV(B,C)060-14	24,800	19,200	15.3	19.7	900	700	23,600	4.48	25,000	2.42
4618635	25VNA024A**30	CNPH*4821A**+UI	58MV(B,C)080-14	24,800	19,100	15.1	19.5	900	700	23,800	4.44	25,000	2.42
4618637	25VNA024A**30	CNPH*4821A**+UI	58MV(B,C)080-20	24,800	19,100	15.1	19.4	900	700	23,800	4.44	25,000	2.42
4618639	25VNA024A**30	CNPH*4821A**+UI	58MV(B,C)100-20	24,800	19,100	15.2	19.5	900	700	23,800	4.46	25,000	2.42
4618641	25VNA024A**30	CNPH*4821A**+UI	58MV(B,C)120-20	24,800	19,200	15.4	19.7	900	700	23,600	4.48	25,000	2.42
4618632	25VNA024A**30	CNPH*4821A**+UI	58MV(B,C)120-14	24,800	19,200	15.2	19.7	900	700	23,800	4.46	25,000	2.42
4701943	25VNA024A**30	CNPH*4821A**+UI	59*N*A060V17**14	24,600	19,000	15.2	19.5	900	680	23,400	4.40	25,200	2.40
4701944	25VNA024A**30	CNPH*4821A**+UI	59*N*A080V17**14	24,600	19,100	15.1	19.5	900	680	23,400	4.46	25,000	2.42
4701945	25VNA024A**30	CNPH*4821A**+UI	59*N*A100V21**20	24,800	19,000	15.2	19.5	900	680	23,400	4.48	25,000	2.42
4701946	25VNA024A**30	CNPH*4821A**+UI	59*N*A120V24**22	24,800	19,100	15.4	19.7	900	680	23,200	4.52	25,000	2.42
4618751	25VNA024A**30	CNPH*6024A**+UI	58CV(A,X)070-12	24,800	19,300	15.2	20.0	900	700	23,600	4.52	25,000	2.44
4618753	25VNA024A**30	CNPH*6024A**+UI	58CV(A,X)090-16	25,000	19,400	15.5	20.4	900	700	23,600	4.58	25,000	2.44
4618755	25VNA024A**30	CNPH*6024A**+UI	58CV(A,X)110-20	25,000	19,400	15.5	20.4	900	700	23,600	4.58	24,800	2.44
4618756	25VNA024A**30	CNPH*6024A**+UI	58CV(A,X)135-22	25,000	19,400	15.7	20.5	900	700	23,600	4.62	24,800	2.46
4618758	25VNA024A**30	CNPH*6024A**+UI	58CV(A,X)155-22	25,000	19,400	15.8	20.5	900	700	23,600	4.64	24,800	2.46
4618743	25VNA024A**30	CNPH*6024A**+UI	58MV(B,C)060-14	24,800	19,300	15.4	20.1	900	700	23,600	4.56	25,000	2.44
4618744	25VNA024A**30	CNPH*6024A**+UI	58MV(B,C)080-14	24,800	19,300	15.2	19.9	900	700	23,800	4.52	25,000	2.44
4618745	25VNA024A**30	CNPH*6024A**+UI	58MV(B,C)080-20	24,800	19,300	15.2	19.8	900	700	23,600	4.52	25,000	2.44
4618747	25VNA024A**30	CNPH*6024A**+UI	58MV(B,C)100-20	24,800	19,300	15.3	20.0	900	700	23,600	4.54	25,000	2.44
4618749	25VNA024A**30	CNPH*6024A**+UI	58MV(B,C)120-20	24,800	19,300	15.4	20.2	900	700	23,600	4.56	25,000	2.44
4618741	25VNA024A**30	CNPH*6024A**+UI	58MV(B,C)140-14	24,800	19,300	15.3	20.1	900	700	23,600	4.54	25,000	2.44
4701947	25VNA024A**30	CNPH*6024A**+UI	59*N*A060V17**14	24,800	19,200	15.3	19.9	900	680	23,600	4.48	25,200	2.42
4701948	25VNA024A**30	CNPH*6024A**+UI	59*N*A080V17**14	24,800	19,200	15.2	19.9	900	680	23,400	4.52	25,000	2.42
4701949	25VNA024A**30	CNPH*6024A**+UI	59*N*A100V21**20	24,800	19,200	15.3	20.0	900	680	23,400	4.54	25,000	2.44
4701950	25VNA024A**30	CNPH*6024A**+UI	59*N*A120V24**22	24,800	19,300	15.4	20.2	900	680	23,400	4.60	25,000	2.44
4618771	25VNA024A**30	CNPH*6124A**+UI	58CV(A,X)070-12	25,000	19,400	15.2	19.8	900	700	23,000	4.58	24,800	2.50
4618773	25VNA024A**30	CNPH*6124A**+UI	58CV(A,X)090-16	25,000	19,400	15.5	20.2	900	700	23,000	4.66	24,800	2.52
4618775	25VNA024A**30	CNPH*6124A**+UI	58CV(A,X)110-20	25,000	19,400	15.5	20.0	900	700	23,000	4.64	24,800	2.52
4618776	25VNA024A**30	CNPH*6124A**+UI	58CV(A,X)135-22	25,000	19,400	15.6	20.3	900	700	23,000	4.68	24,600	2.52
4618778	25VNA024A**30	CNPH*6124A**+UI	58CV(A,X)155-22	25,000	19,400	15.7	20.5	900	700	23,000	4.70	24,600	2.52
4618761	25VNA024A**30	CNPH*6124A**+UI	58MV(B,C)060-14	25,000	19,400	15.4	19.8	900	700	23,000	4.62	24,800	2.52
4618763	25VNA024A**30	CNPH*6124A**+UI	58MV(B,C)080-14	24,800	19,400	15.1	19.5	900	700	23,000	4.58	24,800	2.50
4618765	25VNA024A**30	CNPH*6124A**+UI	58MV(B,C)080-20	25,000	19,400	15.1	19.5	900	700	23,000	4.58	24,800	2.50
4618767	25VNA024A**30	CNPH*6124A**+UI	58MV(B,C)100-20	25,000	19,400	15.2	19.7	900	700	23,000	4.60	24,800	2.50
4618769	25VNA024A**30	CNPH*6124A**+UI	58MV(B,C)120-20	25,000	19,400	15.4	19.9	900	700	23,000	4.62	24,800	2.52
4618760	25VNA024A**30	CNPH*6124A**+UI	58MV(B,C)140-14	25,000	19,400	15.2	19.8	900	700	23,000	4.62	24,800	2.50
4701951	25VNA024A**30	CNPH*6124A**+UI	59*N*A060V17**14	24,800	19,200	15.2	19.6	900	680	23,400	4.50	25,000	2.48
4701952	25VNA024A**30	CNPH*6124A**+UI	59*N*A080V17**14	24,800	19,300	15.1	19.5	900	680	23,200	4.56	24,800	2.50
4701953	25VNA024A**30	CNPH*6124A**+UI	59*N*A100V21**20	24,800	19,300	15.2	19.7	900	680	23,200	4.58	24,800	2.50
4701954	25VNA024A**30	CNPH*6124A**+UI	59*N*A120V24**22	25,000	19,300	15.4	19.9	900	680	23,200	4.62	24,800	2.52
4618513	25VNA024A**30	CNPV*3617A**+UI	58CV(A,X)070-12	24,000	18,800	14.5	18.8	900	700	24,000	3.86	25,200	2.16
4618513	25VNA024A**30	CNPV*3617A**+UI	58CV(A,X)090-16	24,200	18,800	14.7	19.1	900	700	24,000	3.90	25,200	2.16
4618394	25VNA024A**30	CNPV*3617A**+UI	58MV(B,C)060-14	24,200	18,800	14.6	18.8	900	700	24,200	3.88	25,200	2.16
4701908	25VNA024A**30	CNPV*3617A**+UI	59*N*A060V17**14	24,200	18,600	14.5	18.6	900	680	24,000	3.82	25,400	2.14
4701909	25VNA024A**30	CNPV*3617A**+UI	59*N*A080V17**14	24,200	18,700	14.5	18.7	900	680	24,000	3.86	25,400	2.16
4618521	25VNA024A**30	CNPV*3621A**+UI	58CV(A,X)090-16	24,200	18,800	14.8	19.1	900	700	24,000	3.90	25,200	2.16

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COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cig. Cap. High	Cig. Cap. Low	EER	SEER	ID CFM		High Temp		Low Temp		
								High	Low	E Capacity	E COP	H Capacity	H COP	
4618523	25VNA024A**30	CNPV*3621A**+UI	58CV(A,X)110-20	24,200	18,800	14.7	19.0	900	700	24,000	3.88	10.5	25,200	2.16
4618515	25VNA024A**30	CNPV*3621A**+UI	58MV(B,C)060-14	24,200	18,800	14.6	18.8	900	700	24,000	3.88	10.5	25,200	2.16
4618517	25VNA024A**30	CNPV*3621A**+UI	58MV(B,C)080-14	24,000	18,700	14.3	18.5	900	700	24,200	3.84	10.5	25,200	2.16
4618518	25VNA024A**30	CNPV*3621A**+UI	58MV(B,C)080-20	24,000	18,700	14.4	18.5	900	700	24,200	3.84	10.5	25,200	2.16
4618519	25VNA024A**30	CNPV*3621A**+UI	58MV(B,C)100-20	24,000	18,700	14.5	18.7	900	700	24,000	3.86	10.5	25,200	2.16
4701910	25VNA024A**30	CNPV*3621A**+UI	59*N*A060V17**14	24,200	18,600	14.5	18.7	900	680	24,000	3.82	10.4	25,400	2.14
4701911	25VNA024A**30	CNPV*3621A**+UI	59*N*A080V17**14	24,200	18,700	14.3	18.5	900	680	24,000	3.86	10.5	25,400	2.16
4701912	25VNA024A**30	CNPV*3621A**+UI	59*N*A100V21**20	24,200	18,700	14.5	18.7	900	680	24,000	3.88	10.5	25,200	2.16
4618526	25VNA024A**30	CNPV*3717A**+UI	58CV(A,X)070-12	25,000	19,300	15.3	20.0	900	700	23,600	4.58	12.3	25,000	2.50
4618528	25VNA024A**30	CNPV*3717A**+UI	58CV(A,X)090-16	25,000	19,400	15.6	20.2	900	700	23,400	4.66	12.5	24,800	2.52
4618525	25VNA024A**30	CNPV*3717A**+UI	58MV(B,C)060-14	25,000	19,300	15.5	20.0	900	700	23,400	4.62	12.2	24,800	2.50
4701913	25VNA024A**30	CNPV*3717A**+UI	59*N*A060V17**14	24,800	19,200	15.3	19.6	900	680	23,600	4.50	12.2	25,000	2.48
4701914	25VNA024A**30	CNPV*3717A**+UI	59*N*A080V17**14	25,000	19,200	15.4	19.7	900	680	23,400	4.56	12.4	25,000	2.48
4618531	25VNA024A**30	CNPV*4217A**+UI	58CV(A,X)070-12	24,600	19,000	14.9	19.3	900	700	23,800	4.30	11.6	25,000	2.36
4618533	25VNA024A**30	CNPV*4217A**+UI	58CV(A,X)090-16	24,600	19,100	15.2	19.6	900	700	23,800	4.36	11.6	25,000	2.36
4618530	25VNA024A**30	CNPV*4217A**+UI	58MV(B,C)060-14	24,600	19,000	15.0	19.3	900	700	23,800	4.34	11.6	25,000	2.36
4701915	25VNA024A**30	CNPV*4217A**+UI	59*N*A060V17**14	24,400	18,900	14.9	19.1	900	680	23,400	4.32	11.6	25,200	2.34
4701916	25VNA024A**30	CNPV*4217A**+UI	59*N*A080V17**14	24,400	18,900	15.0	19.1	900	680	23,400	4.32	11.6	25,200	2.34
4618541	25VNA024A**30	CNPV*4221A**+UI	58CV(A,X)090-16	24,400	19,000	15.0	19.4	900	700	24,000	4.18	11.3	25,000	2.28
4618543	25VNA024A**30	CNPV*4221A**+UI	58CV(A,X)110-20	24,400	18,900	15.0	19.3	900	700	24,000	4.16	11.3	25,200	2.28
4618535	25VNA024A**30	CNPV*4221A**+UI	58MV(B,C)060-14	24,400	18,900	14.9	19.1	900	700	24,000	4.16	11.2	25,200	2.28
4618536	25VNA024A**30	CNPV*4221A**+UI	58MV(B,C)080-14	24,400	18,900	14.6	18.8	900	700	24,000	4.12	11.2	25,200	2.28
4618538	25VNA024A**30	CNPV*4221A**+UI	58MV(B,C)080-20	24,400	18,900	14.7	18.8	900	700	24,000	4.12	11.2	25,200	2.28
4618540	25VNA024A**30	CNPV*4221A**+UI	58MV(B,C)100-20	24,400	18,900	14.7	18.9	900	700	24,000	4.14	11.2	25,200	2.28
4701917	25VNA024A**30	CNPV*4221A**+UI	59*N*A060V17**14	24,200	18,800	14.8	18.9	900	680	23,600	4.24	11.6	25,200	2.26
4701918	25VNA024A**30	CNPV*4221A**+UI	59*N*A080V17**14	24,200	18,800	14.6	18.8	900	680	23,400	4.28	11.6	25,200	2.26
4701919	25VNA024A**30	CNPV*4221A**+UI	59*N*A100V21**20	24,400	18,800	14.7	18.9	900	680	23,400	4.30	11.6	25,200	2.28
4625740	25VNA024A**30	CNPV*4324A**+UI	58CV(A,X)110-20	25,000	19,400	15.5	20.5	900	700	23,400	4.64	12.5	25,000	2.48
4625741	25VNA024A**30	CNPV*4324A**+UI	58CV(A,X)135-22	25,200	19,500	16.0	20.5	900	700	23,400	4.68	12.5	25,000	2.50
4625744	25VNA024A**30	CNPV*4324A**+UI	58CV(A,X)155-22	25,200	19,500	16.0	20.5	900	700	23,400	4.68	12.5	25,000	2.50
4625733	25VNA024A**30	CNPV*4324A**+UI	58MV(B,C)080-14	25,000	19,400	15.4	20.0	900	700	23,600	4.56	12.5	25,000	2.46
4625735	25VNA024A**30	CNPV*4324A**+UI	58MV(B,C)080-20	25,000	19,400	15.4	20.0	900	700	23,600	4.58	12.5	25,000	2.48
4625737	25VNA024A**30	CNPV*4324A**+UI	58MV(B,C)100-20	25,000	19,400	15.5	20.0	900	700	23,400	4.60	12.5	25,000	2.48
4625738	25VNA024A**30	CNPV*4324A**+UI	58MV(B,C)120-20	25,000	19,400	15.7	20.3	900	700	23,400	4.62	12.5	25,000	2.48
4625732	25VNA024A**30	CNPV*4324A**+UI	58MV(B,C)060-14	25,000	19,400	15.5	20.2	900	700	23,400	4.60	12.5	25,000	2.48
4701920	25VNA024A**30	CNPV*4324A**+UI	59*N*A100V21**20	25,000	19,200	15.5	20.0	900	680	23,200	4.60	12.5	24,800	2.50
4701921	25VNA024A**30	CNPV*4324A**+UI	59*N*A120V24**22	25,000	19,300	15.7	20.3	900	680	23,000	4.66	12.6	24,800	2.52
4618556	25VNA024A**30	CNPV*4821A**+UI	58CV(A,X)090-16	24,800	19,200	15.5	20.0	900	700	23,600	4.50	12.3	25,000	2.44
4618557	25VNA024A**30	CNPV*4821A**+UI	58CV(A,X)110-20	24,800	19,200	15.4	20.0	900	700	23,600	4.50	12.3	25,000	2.44
4618549	25VNA024A**30	CNPV*4821A**+UI	58MV(B,C)060-14	24,800	19,200	15.3	19.7	900	700	23,600	4.48	12.3	25,000	2.42
4618551	25VNA024A**30	CNPV*4821A**+UI	58MV(B,C)080-14	24,800	19,100	15.1	19.5	900	700	23,800	4.44	12.2	25,000	2.42
4618553	25VNA024A**30	CNPV*4821A**+UI	58MV(B,C)080-20	24,800	19,100	15.1	19.5	900	700	23,800	4.44	12.2	25,000	2.42
4618554	25VNA024A**30	CNPV*4821A**+UI	58MV(B,C)100-20	24,800	19,100	15.2	19.5	900	700	23,800	4.46	12.2	25,000	2.42
4701922	25VNA024A**30	CNPV*4821A**+UI	59*N*A060V17**14	24,600	19,000	15.2	19.5	900	680	23,400	4.42	12.3	25,200	2.40
4701923	25VNA024A**30	CNPV*4821A**+UI	59*N*A080V17**14	24,600	19,100	15.1	19.5	900	680	23,200	4.46	12.2	25,000	2.42
4701924	25VNA024A**30	CNPV*4821A**+UI	59*N*A100V21**20	24,800	19,000	15.2	19.5	900	680	23,200	4.48	12.2	25,000	2.42
4618568	25VNA024A**30	CNPV*4824A**+UI	58CV(A,X)110-20	24,800	19,200	15.4	20.0	900	700	23,600	4.50	12.3	25,000	2.44

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COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cig. Cap. High	Cig. Cap. Low	EER	SEER	ID CFM		High Temp		Low Temp	
								High	Low	E Capacity	E COP	H Capacity	H COP
4618570	25VNA024A**30	CNPV*4824A**+UI	58CV(A,X)135--22	24,800	19,200	15.6	20.2	900	700	23,600	4.54	24,800	2.44
4618572	25VNA024A**30	CNPV*4824A**+UI	58CV(A,X)155--22	24,800	19,200	15.7	20.4	900	700	23,600	4.54	24,800	2.44
4618561	25VNA024A**30	CNPV*4824A**+UI	58MV(B,C)080--14	24,800	19,100	15.1	19.5	900	700	23,800	4.44	25,000	2.42
4618562	25VNA024A**30	CNPV*4824A**+UI	58MV(B,C)080--20	24,800	19,100	15.1	19.5	900	700	23,800	4.44	25,000	2.42
4618564	25VNA024A**30	CNPV*4824A**+UI	58MV(B,C)100--20	24,800	19,100	15.2	19.5	900	700	23,800	4.46	25,000	2.42
4618566	25VNA024A**30	CNPV*4824A**+UI	58MV(B,C)120--20	24,800	19,200	15.4	19.7	900	700	23,600	4.48	25,000	2.42
4618559	25VNA024A**30	CNPV*4824A**+UI	58MV(B,C)120--20	24,800	19,200	15.2	19.7	900	700	23,800	4.46	25,000	2.42
4701925	25VNA024A**30	CNPV*4824A**+UI	59*N*A100V21**20	24,800	19,000	15.2	19.5	900	680	23,200	4.48	25,000	2.42
4701926	25VNA024A**30	CNPV*4824A**+UI	59*N*A120V24**22	24,800	19,100	15.4	19.7	900	680	23,200	4.52	25,000	2.42
4618722	25VNA024A**30	CNPV*6024A**+UI	58CV(A,X)110--20	25,000	19,400	15.5	20.4	900	700	23,600	4.58	24,800	2.44
4618724	25VNA024A**30	CNPV*6024A**+UI	58CV(A,X)135--22	25,000	19,400	15.7	20.5	900	700	23,600	4.62	24,800	2.46
4618725	25VNA024A**30	CNPV*6024A**+UI	58CV(A,X)155--22	25,000	19,400	15.8	20.5	900	700	23,600	4.64	24,800	2.46
4618715	25VNA024A**30	CNPV*6024A**+UI	58MV(B,C)080--14	24,800	19,200	15.2	20.0	900	650	23,800	4.52	25,000	2.44
4618717	25VNA024A**30	CNPV*6024A**+UI	58MV(B,C)080--20	24,800	19,200	15.2	20.0	900	665	23,600	4.52	25,000	2.44
4618718	25VNA024A**30	CNPV*6024A**+UI	58MV(B,C)100--20	24,800	19,300	15.3	20.0	900	680	23,600	4.54	25,000	2.44
4618720	25VNA024A**30	CNPV*6024A**+UI	58MV(B,C)120--20	24,800	19,300	15.4	20.2	900	680	23,600	4.56	25,000	2.44
4618713	25VNA024A**30	CNPV*6024A**+UI	58MV(B,C)080--14	24,800	19,200	15.3	20.3	900	650	23,600	4.54	25,000	2.44
4701927	25VNA024A**30	CNPV*6024A**+UI	59*N*A100V21**20	24,800	19,200	15.3	20.0	900	680	23,000	4.56	24,800	2.46
4701928	25VNA024A**30	CNPV*6024A**+UI	59*N*A120V24**22	24,800	19,300	15.4	20.2	900	680	23,400	4.60	25,000	2.44
4618736	25VNA024A**30	CNPV*6124A**+UI	58CV(A,X)110--20	25,200	19,600	15.9	20.5	900	700	23,200	4.76	24,800	2.54
4618738	25VNA024A**30	CNPV*6124A**+UI	58CV(A,X)135--22	25,200	19,600	16.0	20.5	900	700	23,200	4.80	24,800	2.54
4618739	25VNA024A**30	CNPV*6124A**+UI	58CV(A,X)155--22	25,200	19,600	16.0	20.5	900	700	23,200	4.82	24,600	2.56
4618729	25VNA024A**30	CNPV*6124A**+UI	58MV(B,C)080--14	25,000	19,500	15.5	20.5	900	700	23,400	4.68	24,800	2.52
4618731	25VNA024A**30	CNPV*6124A**+UI	58MV(B,C)080--20	25,200	19,500	15.5	20.4	900	700	23,400	4.70	24,800	2.52
4618733	25VNA024A**30	CNPV*6124A**+UI	58MV(B,C)100--20	25,200	19,500	15.6	20.5	900	700	23,400	4.70	24,800	2.52
4618734	25VNA024A**30	CNPV*6124A**+UI	58MV(B,C)120--20	25,200	19,500	15.8	20.5	900	700	23,400	4.74	24,800	2.54
4618727	25VNA024A**30	CNPV*6124A**+UI	58MV(B,C)080--14	25,200	19,500	15.6	20.5	900	700	23,400	4.72	24,800	2.54
4701929	25VNA024A**30	CNPV*6124A**+UI	59*N*A100V21**20	25,000	19,400	15.6	20.5	900	680	23,200	4.68	24,800	2.52
4701930	25VNA024A**30	CNPV*6124A**+UI	59*N*A120V24**22	25,200	19,400	15.8	20.5	900	680	23,200	4.72	24,800	2.54
4618663	25VNA024A**30	CSPH*3612A**+UI	58CV(A,X)070--12	24,600	19,100	15.0	19.3	900	700	23,600	4.32	25,000	2.36
4618665	25VNA024A**30	CSPH*3612A**+UI	58CV(A,X)090--16	24,600	19,100	15.3	19.6	900	700	23,600	4.36	25,000	2.38
4618666	25VNA024A**30	CSPH*3612A**+UI	58CV(A,X)110--20	24,600	19,100	15.2	19.4	900	700	23,600	4.36	25,000	2.38
4618668	25VNA024A**30	CSPH*3612A**+UI	58CV(A,X)135--22	24,800	19,100	15.3	19.7	900	700	23,600	4.38	25,000	2.38
4618669	25VNA024A**30	CSPH*3612A**+UI	58CV(A,X)155--22	24,800	19,100	15.4	19.8	900	700	23,600	4.40	25,000	2.38
4618654	25VNA024A**30	CSPH*3612A**+UI	58MV(B,C)060--14	24,600	19,100	15.1	19.3	900	700	23,600	4.34	25,000	2.36
4618656	25VNA024A**30	CSPH*3612A**+UI	58MV(B,C)080--14	24,600	19,000	14.8	19.0	900	700	23,800	4.30	25,200	2.36
4618658	25VNA024A**30	CSPH*3612A**+UI	58MV(B,C)080--20	24,600	19,000	14.9	19.0	900	700	23,800	4.30	25,200	2.36
4618659	25VNA024A**30	CSPH*3612A**+UI	58MV(B,C)100--20	24,600	19,100	15.0	19.1	900	700	23,600	4.32	25,000	2.36
4618661	25VNA024A**30	CSPH*3612A**+UI	58MV(B,C)120--20	24,600	19,100	15.1	19.3	900	700	23,600	4.34	25,000	2.36
4618651	25VNA024A**30	CSPH*3612A**+UI	58MV(B,C)080--14	24,600	19,100	15.0	19.3	900	700	23,600	4.32	25,000	2.36
4701955	25VNA024A**30	CSPH*3612A**+UI	59*N*A060V17**14	24,400	18,900	15.0	19.1	900	680	24,000	4.24	25,200	2.34
4701956	25VNA024A**30	CSPH*3612A**+UI	59*N*A080V17**14	24,600	19,000	14.8	19.0	900	680	23,800	4.30	25,200	2.36
4701957	25VNA024A**30	CSPH*3612A**+UI	59*N*A100V21**20	24,600	19,000	15.0	19.1	900	680	23,800	4.32	25,200	2.36
4701958	25VNA024A**30	CSPH*3612A**+UI	59*N*A120V24**22	24,600	19,000	15.1	19.3	900	680	23,800	4.36	25,000	2.36
4618681	25VNA024A**30	CSPH*4212A**+UI	58CV(A,X)070--12	24,800	19,200	15.1	19.5	900	700	23,800	4.42	25,000	2.42
4618683	25VNA024A**30	CSPH*4212A**+UI	58CV(A,X)090--16	24,800	19,200	15.4	19.8	900	700	23,600	4.48	25,000	2.42
4618685	25VNA024A**30	CSPH*4212A**+UI	58CV(A,X)110--20	24,800	19,200	15.3	19.7	900	700	23,800	4.46	25,000	2.42

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COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cig. Cap. High	Cig. Cap. Low	EER	SEER	ID CFM		High Temp		Low Temp		
								High	Low	E Capacity	E COP	H Capacity	H COP	
4618687	25VNA024A**30	CSPH*4212A***+UI	58CV(A,X)135--22	24,800	19,200	15.5	19.9	900	700	23,600	4.50	11.6	25,000	2.42
4618688	25VNA024A**30	CSPH*4212A***+UI	58CV(A,X)155--22	24,800	19,200	15.6	20.1	900	700	23,600	4.52	11.6	24,800	2.44
4618673	25VNA024A**30	CSPH*4212A***+UI	58MV(B,C)080--14	24,800	19,200	15.3	19.5	900	700	23,800	4.46	11.5	25,000	2.42
4618674	25VNA024A**30	CSPH*4212A***+UI	58MV(B,C)080--14	24,800	19,100	15.0	19.2	900	700	23,800	4.40	11.5	25,000	2.40
4618676	25VNA024A**30	CSPH*4212A***+UI	58MV(B,C)080--20	24,800	19,100	15.0	19.2	900	700	23,800	4.42	11.5	25,000	2.40
4618678	25VNA024A**30	CSPH*4212A***+UI	58MV(B,C)100--20	24,800	19,100	15.1	19.3	900	700	23,800	4.42	11.5	25,000	2.42
4618680	25VNA024A**30	CSPH*4212A***+UI	58MV(B,C)120--20	24,800	19,200	15.3	19.5	900	700	23,800	4.46	11.5	25,000	2.42
4618671	25VNA024A**30	CSPH*4212A***+UI	58MV(B,C)040--14	24,800	19,200	15.1	19.4	900	700	23,800	4.42	11.5	25,000	2.42
4701959	25VNA024A**30	CSPH*4212A***+UI	59*N*A060V17**14	24,600	19,000	15.1	19.3	900	680	23,800	4.34	11.5	25,200	2.40
4701960	25VNA024A**30	CSPH*4212A***+UI	59*N*A080V17**14	24,800	19,000	15.0	19.2	900	680	23,800	4.40	11.5	25,000	2.40
4701961	25VNA024A**30	CSPH*4212A***+UI	59*N*A100V21**20	24,800	19,000	15.1	19.3	900	680	23,800	4.42	11.5	25,000	2.40
4701962	25VNA024A**30	CSPH*4212A***+UI	59*N*A120V24**22	24,800	19,100	15.3	19.5	900	680	23,600	4.46	11.5	25,000	2.42
4618701	25VNA024A**30	CSPH*4812A***+UI	58CV(A,X)070--12	24,800	19,200	15.2	19.6	900	700	23,600	4.48	12.2	25,000	2.44
4618703	25VNA024A**30	CSPH*4812A***+UI	58CV(A,X)090--16	25,000	19,300	15.5	20.0	900	700	23,600	4.54	12.5	24,800	2.46
4618704	25VNA024A**30	CSPH*4812A***+UI	58CV(A,X)110--20	25,000	19,200	15.4	20.0	900	700	23,600	4.54	12.5	25,000	2.46
4618706	25VNA024A**30	CSPH*4812A***+UI	58CV(A,X)135--22	25,000	19,300	15.6	20.2	900	700	23,600	4.56	12.5	24,800	2.46
4618708	25VNA024A**30	CSPH*4812A***+UI	58CV(A,X)155--22	25,000	19,300	15.7	20.3	900	700	23,600	4.58	12.4	24,800	2.46
4618692	25VNA024A**30	CSPH*4812A***+UI	58MV(B,C)060--14	24,800	19,200	15.3	19.7	900	700	23,600	4.52	12.2	25,000	2.44
4618694	25VNA024A**30	CSPH*4812A***+UI	58MV(B,C)080--14	24,800	19,200	15.1	19.4	900	700	23,800	4.46	12.1	25,000	2.44
4618696	25VNA024A**30	CSPH*4812A***+UI	58MV(B,C)080--20	24,800	19,200	15.1	19.4	900	700	23,600	4.48	12.1	25,000	2.44
4618697	25VNA024A**30	CSPH*4812A***+UI	58MV(B,C)100--20	24,800	19,200	15.2	19.5	900	700	23,600	4.50	12.2	25,000	2.44
4618699	25VNA024A**30	CSPH*4812A***+UI	58MV(B,C)120--20	24,800	19,200	15.4	19.7	900	700	23,600	4.52	12.2	25,000	2.44
4618690	25VNA024A**30	CSPH*4812A***+UI	58MV(B,C)040--14	24,800	19,200	15.2	19.7	900	700	23,600	4.50	12.2	25,000	2.44
4701963	25VNA024A**30	CSPH*4812A***+UI	59*N*A060V17**14	24,800	19,100	15.2	19.5	900	680	23,400	4.42	12.2	25,000	2.42
4701964	25VNA024A**30	CSPH*4812A***+UI	59*N*A080V17**14	24,800	19,100	15.1	19.4	900	680	23,400	4.48	12.1	25,000	2.44
4701965	25VNA024A**30	CSPH*4812A***+UI	59*N*A100V21**20	24,800	19,100	15.2	19.5	900	680	23,400	4.50	12.2	25,000	2.44
4701966	25VNA024A**30	CSPH*4812A***+UI	59*N*A120V24**22	24,800	19,100	15.4	19.7	900	680	23,200	4.54	12.2	25,000	2.44
4618790	25VNA024A**30	CSPH*6012A***+UI	58CV(A,X)070--12	25,000	19,400	15.3	19.8	900	700	23,600	4.56	12.4	24,200	2.48
4618792	25VNA024A**30	CSPH*6012A***+UI	58CV(A,X)090--16	25,000	19,400	15.6	20.2	900	700	23,400	4.62	12.5	24,200	2.50
4618794	25VNA024A**30	CSPH*6012A***+UI	58CV(A,X)110--20	25,000	19,400	15.6	20.1	900	700	23,400	4.62	12.5	24,200	2.50
4618795	25VNA024A**30	CSPH*6012A***+UI	58CV(A,X)135--22	25,000	19,400	15.7	20.3	900	700	23,400	4.66	12.5	24,200	2.50
4618797	25VNA024A**30	CSPH*6012A***+UI	58CV(A,X)155--22	25,200	19,400	15.4	20.5	900	700	23,400	4.68	12.6	24,200	2.52
4618781	25VNA024A**30	CSPH*6012A***+UI	58MV(B,C)060--14	25,000	19,400	15.4	19.8	900	700	23,600	4.60	12.5	24,200	2.50
4618783	25VNA024A**30	CSPH*6012A***+UI	58MV(B,C)080--14	25,000	19,300	15.2	19.6	900	700	23,600	4.56	12.3	24,200	2.48
4618785	25VNA024A**30	CSPH*6012A***+UI	58MV(B,C)080--20	25,000	19,300	15.2	19.6	900	700	23,600	4.56	12.3	24,200	2.48
4618787	25VNA024A**30	CSPH*6012A***+UI	58MV(B,C)100--20	25,000	19,300	15.3	19.7	900	700	23,600	4.58	12.4	24,200	2.50
4618789	25VNA024A**30	CSPH*6012A***+UI	58MV(B,C)120--20	25,000	19,400	15.5	19.9	900	700	23,600	4.60	12.5	24,200	2.50
4618780	25VNA024A**30	CSPH*6012A***+UI	58MV(B,C)040--14	25,000	19,400	15.3	19.8	900	700	23,600	4.58	12.4	24,200	2.50
4701967	25VNA024A**30	CSPH*6012A***+UI	59*N*A060V17**14	24,800	19,200	15.4	19.6	900	680	23,600	4.48	12.5	25,000	2.46
4701968	25VNA024A**30	CSPH*6012A***+UI	59*N*A080V17**14	25,000	19,200	15.2	19.6	900	680	23,400	4.54	12.3	25,000	2.46
4701969	25VNA024A**30	CSPH*6012A***+UI	59*N*A100V21**20	25,000	19,200	15.3	19.7	900	680	23,400	4.56	12.5	25,000	2.46
4701970	25VNA024A**30	CSPH*6012A***+UI	59*N*A120V24**22	25,000	19,300	15.5	19.9	900	680	23,400	4.60	12.5	25,000	2.48
4618711	25VNA024A**30	FE4AN(B,F)003+UI		24,400	18,900	15.1	19.5	900	700	23,800	4.04	10.5	25,200	2.22
4618799	25VNA024A**30	FE4AN(B,F)005+UI		24,800	19,300	15.0	20.0	900	700	23,600	4.58	12.4	23,800	2.48
4618710	25VNA024A**30	FE4ANF002+UI		24,200	19,000	14.7	19.1	900	700	24,000	4.02	10.5	25,400	2.24
4539517	25VNA036A**30	†FE4ANB006+UI		35,000	23,200	14.5	20.5	1200	875	33,400	4.40	13.0	31,600	2.54

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COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cig. Cap. High	Cig. Cap. Low	EER	SEER	ID CFM		High Temp		Low Temp		
								High	Low	E Capacity	E COP	H Capacity	H COP	
4616716	25VNA036A**30	CAP**3614A**+U1	58CV(A,X)070-12	33,000	22,400	12.5	18.4	1200	875	36,200	3.48	10.6	30,800	2.26
4616718	25VNA036A**30	CAP**3617A**+U1	58CV(A,X)070-12	33,200	22,400	12.5	18.5	1200	875	36,000	3.52	10.8	30,000	2.34
4616719	25VNA036A**30	CAP**3617A**+U1	58CV(A,X)090-16	33,400	22,400	13.0	19.0	1200	875	35,800	3.58	10.5	29,800	2.38
4616717	25VNA036A**30	CAP**3617A**+U1	58MV(B,C)060-14	33,400	22,400	13.0	18.7	1200	875	35,800	3.56	10.4	30,400	2.32
4701971	25VNA036A**30	CAP**3617A**+U1	59*N*A060V17**14	32,800	22,200	12.2	18.2	1200	875	36,000	3.44	10.4	33,200	2.18
4701972	25VNA036A**30	CAP**3617A**+U1	59*N*A080V17**14	33,000	22,400	12.5	18.5	1200	875	36,000	3.48	10.4	33,000	2.22
4625865	25VNA036A**30	CAP**3619A**+U1	58CV(A,X)090-16	33,200	22,400	13.0	18.8	1200	875	35,800	3.58	10.8	29,400	2.40
4625864	25VNA036A**30	CAP**3619A**+U1	58MV(B,C)060-14	33,200	22,400	13.0	18.5	1200	875	35,800	3.56	10.8	29,400	2.38
4701993	25VNA036A**30	CAP**3619A**+U1	59*N*A060V17**14	32,800	22,200	12.2	18.1	1200	875	36,000	3.44	10.8	33,200	2.18
4701994	25VNA036A**30	CAP**3619A**+U1	59*N*A080V17**14	33,000	22,400	12.3	18.2	1200	875	36,000	3.48	10.8	33,000	2.22
4616724	25VNA036A**30	CAP**3621A**+U1	58CV(A,X)090-16	33,400	22,600	13.2	19.1	1200	875	35,800	3.60	10.9	30,400	2.34
4616725	25VNA036A**30	CAP**3621A**+U1	58CV(A,X)110-20	33,400	22,600	13.2	19.1	1200	875	35,600	3.62	10.9	30,200	2.34
4616720	25VNA036A**30	CAP**3621A**+U1	58MV(B,C)060-14	33,400	22,400	13.0	18.8	1200	875	35,800	3.58	10.8	30,400	2.32
4616721	25VNA036A**30	CAP**3621A**+U1	58MV(B,C)060-14	33,200	22,400	12.7	18.6	1200	875	36,000	3.54	10.8	30,600	2.30
4616722	25VNA036A**30	CAP**3621A**+U1	58MV(B,C)080-20	33,400	22,400	13.0	18.6	1200	875	35,800	3.56	10.7	30,400	2.32
4616723	25VNA036A**30	CAP**3621A**+U1	58MV(B,C)100-20	33,400	22,400	13.0	18.7	1200	875	35,800	3.58	10.8	30,400	2.32
4701973	25VNA036A**30	CAP**3621A**+U1	59*N*A060V17**14	33,000	22,400	12.3	18.4	1200	875	36,000	3.46	10.8	33,200	2.20
4701974	25VNA036A**30	CAP**3621A**+U1	59*N*A080V17**14	33,200	22,400	12.7	18.6	1200	875	36,000	3.50	10.8	32,800	2.22
4701975	25VNA036A**30	CAP**3621A**+U1	59*N*A100V21**20	33,200	22,400	13.0	18.7	1200	875	35,800	3.56	10.8	32,600	2.24
4616730	25VNA036A**30	CAP**4221A**+U1	58CV(A,X)090-16	33,600	22,600	13.2	19.1	1200	875	35,000	3.90	11.3	29,200	2.42
4616731	25VNA036A**30	CAP**4221A**+U1	58CV(A,X)110-20	33,600	22,600	13.2	19.1	1200	875	35,000	3.92	11.5	29,200	2.44
4616726	25VNA036A**30	CAP**4221A**+U1	58MV(B,C)060-14	33,600	22,600	13.2	18.9	1200	875	35,000	3.88	11.5	30,400	2.38
4616727	25VNA036A**30	CAP**4221A**+U1	58MV(B,C)080-20	33,400	22,600	13.0	18.6	1200	875	35,200	3.82	11.1	30,600	2.34
4616728	25VNA036A**30	CAP**4221A**+U1	58MV(B,C)100-20	33,600	22,600	13.0	18.6	1200	875	35,200	3.86	11.1	30,400	2.36
4616729	25VNA036A**30	CAP**4221A**+U1	58MV(B,C)100-20	33,600	22,600	13.0	18.8	1200	875	35,000	3.86	11.1	30,400	2.36
4701976	25VNA036A**30	CAP**4221A**+U1	59*N*A060V17**14	33,200	22,400	12.4	18.4	1200	875	35,600	3.72	11.5	33,000	2.24
4701977	25VNA036A**30	CAP**4221A**+U1	59*N*A080V17**14	33,400	22,400	12.8	18.6	1200	875	35,400	3.78	11.5	32,800	2.26
4701978	25VNA036A**30	CAP**4221A**+U1	59*N*A100V21**20	33,400	22,600	13.0	18.8	1200	875	35,200	3.84	11.5	32,600	2.30
4616737	25VNA036A**30	CAP**4224A**+U1	58CV(A,X)110-20	33,600	22,600	13.2	19.2	1200	875	34,800	3.92	11.5	29,200	2.44
4616738	25VNA036A**30	CAP**4224A**+U1	58CV(A,X)135-22	33,800	22,600	13.5	19.5	1200	875	34,800	3.96	11.6	29,000	2.46
4616739	25VNA036A**30	CAP**4224A**+U1	58CV(A,X)155-22	33,800	22,600	13.5	19.6	1200	875	34,800	3.98	11.6	29,000	2.48
4616733	25VNA036A**30	CAP**4224A**+U1	58MV(B,C)080-14	33,400	22,400	13.0	18.6	1200	875	35,200	3.82	11.4	29,600	2.40
4616734	25VNA036A**30	CAP**4224A**+U1	58MV(B,C)080-20	33,400	22,600	13.0	18.6	1200	875	35,000	3.86	11.4	29,400	2.42
4616735	25VNA036A**30	CAP**4224A**+U1	58MV(B,C)100-20	33,600	22,600	13.0	18.7	1200	875	35,000	3.88	11.4	29,400	2.42
4616736	25VNA036A**30	CAP**4224A**+U1	58MV(B,C)120-20	33,600	22,600	13.2	19.0	1200	875	35,000	3.90	11.5	29,200	2.44
4616732	25VNA036A**30	CAP**4224A**+U1	58MV(B,C)040-14	33,400	22,600	13.0	18.8	1200	875	35,200	3.86	11.4	29,400	2.40
4701979	25VNA036A**30	CAP**4224A**+U1	59*N*A100V21**20	33,600	22,600	13.0	18.7	1200	875	35,200	3.84	11.5	32,600	2.30
4701980	25VNA036A**30	CAP**4224A**+U1	59*N*A120V24**22	33,600	22,600	13.2	19.0	1200	875	35,000	3.90	11.5	32,400	2.32
4616741	25VNA036A**30	CAP**4817A**+U1	58CV(A,X)070-12	34,000	22,800	13.0	19.0	1200	875	33,000	4.06	12.1	29,200	2.44
4616742	25VNA036A**30	CAP**4817A**+U1	58CV(A,X)090-16	34,200	22,800	13.5	19.4	1200	875	32,600	4.18	12.5	29,000	2.50
4616740	25VNA036A**30	CAP**4817A**+U1	58MV(B,C)060-14	34,200	22,800	13.2	19.1	1200	875	32,800	4.14	12.1	29,000	2.48
4701981	25VNA036A**30	CAP**4817A**+U1	59*N*A060V17**14	33,800	22,800	12.6	18.7	1200	875	33,600	3.98	12.1	32,800	2.38
4701982	25VNA036A**30	CAP**4817A**+U1	59*N*A080V17**14	34,000	22,800	13.0	18.9	1200	875	33,400	4.06	12.1	32,400	2.40
4616747	25VNA036A**30	CAP**4821A**+U1	58CV(A,X)090-16	34,000	22,800	13.2	19.3	1200	875	33,400	4.16	12.5	29,000	2.48
4616748	25VNA036A**30	CAP**4821A**+U1	58CV(A,X)110-20	34,200	22,800	13.5	19.3	1200	875	33,400	4.18	12.1	29,000	2.50
4616743	25VNA036A**30	CAP**4821A**+U1	58MV(B,C)060-14	34,000	22,800	13.2	19.0	1200	875	33,400	4.14	12.1	29,000	2.48
4616744	25VNA036A**30	CAP**4821A**+U1	58MV(B,C)080-14	33,800	22,600	13.0	18.7	1200	875	33,600	4.06	12.0	29,400	2.44

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COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cig. Cap. High	Cig. Cap. Low	EER	SEER	ID CFM		High Temp		Low Temp		
								High	Low	E Capacity	E COP	H Capacity	H COP	
4616745	25VNA036A**30	CAP**4821A**+UI	58MV(B,C)080-20	34,000	22,600	13.0	18.7	1200	875	33,600	4.10	12.0	29,200	2.46
4616746	25VNA036A**30	CAP**4821A**+UI	58MV(B,C)100-20	34,000	22,600	13.2	18.9	1200	875	33,600	4.12	12.0	29,200	2.46
4701983	25VNA036A**30	CAP**4821A**+UI	59*N*A060V17**14	33,600	22,600	12.6	18.6	1200	875	33,800	3.94	12.1	32,800	2.34
4701984	25VNA036A**30	CAP**4821A**+UI	59*N*A080V17**14	33,800	22,600	12.9	18.7	1200	875	33,600	4.02	12.0	32,400	2.38
4701985	25VNA036A**30	CAP**4821A**+UI	59*N*A100V21**20	34,000	22,800	13.2	18.9	1200	875	33,400	4.08	12.0	32,200	2.40
4625872	25VNA036A**30	CAP**4823A**+UI	58CV(A,X)110-20	34,200	22,800	13.5	19.3	1200	875	33,400	4.18	12.1	29,000	2.50
4625866	25VNA036A**30	CAP**4823A**+UI	58MV(B,C)080-14	33,800	22,600	13.0	18.7	1200	875	33,600	4.06	12.0	29,400	2.44
4625868	25VNA036A**30	CAP**4823A**+UI	58MV(B,C)080-20	34,000	22,600	13.0	18.7	1200	875	33,600	4.10	12.0	29,200	2.46
4625870	25VNA036A**30	CAP**4823A**+UI	58MV(B,C)100-20	34,000	22,600	13.2	18.9	1200	875	33,600	4.12	12.0	29,200	2.46
4701995	25VNA036A**30	CAP**4823A**+UI	59*N*A100V21**20	34,000	22,800	13.2	18.9	1200	875	33,400	4.08	12.0	32,200	2.40
4616754	25VNA036A**30	CAP**4824A**+UI	58CV(A,X)110-20	34,200	22,800	13.5	19.4	1200	875	33,400	4.20	12.5	28,800	2.50
4616755	25VNA036A**30	CAP**4824A**+UI	58CV(A,X)135-22	34,200	22,800	13.7	19.7	1200	875	33,200	4.24	12.2	28,800	2.52
4616756	25VNA036A**30	CAP**4824A**+UI	58CV(A,X)155-22	34,200	22,800	13.7	19.9	1200	875	33,200	4.26	12.3	28,600	2.54
4616750	25VNA036A**30	CAP**4824A**+UI	58MV(B,C)080-14	33,800	22,600	13.0	18.8	1200	875	33,600	4.08	12.0	29,200	2.44
4616751	25VNA036A**30	CAP**4824A**+UI	58MV(B,C)080-20	34,000	22,600	13.2	18.8	1200	875	33,400	4.12	12.0	29,200	2.46
4616752	25VNA036A**30	CAP**4824A**+UI	58MV(B,C)100-20	34,000	22,800	13.2	19.0	1200	875	33,400	4.14	12.1	29,000	2.48
4616753	25VNA036A**30	CAP**4824A**+UI	58MV(B,C)120-20	34,000	22,800	13.5	19.2	1200	875	33,400	4.18	12.1	29,000	2.50
4616754	25VNA036A**30	CAP**4824A**+UI	58MV(B,C)120-20	34,000	22,800	13.2	19.1	1200	875	33,600	4.10	12.1	29,200	2.46
4701986	25VNA036A**30	CAP**4824A**+UI	59*N*A100V21**20	34,000	22,800	13.2	19.0	1200	875	33,400	4.10	12.1	32,200	2.42
4701987	25VNA036A**30	CAP**4824A**+UI	59*N*A120V24**22	34,200	22,800	13.5	19.2	1200	875	33,200	4.16	12.1	32,000	2.44
4616761	25VNA036A**30	CAP**6021A**+UI	58CV(A,X)090-16	34,400	22,800	13.5	19.6	1200	875	32,800	4.24	12.5	28,800	2.50
4616762	25VNA036A**30	CAP**6021A**+UI	58CV(A,X)110-20	34,400	22,800	13.7	19.6	1200	875	32,800	4.26	12.3	28,600	2.52
4616758	25VNA036A**30	CAP**6021A**+UI	58MV(B,C)060-14	34,400	22,800	13.5	19.3	1200	875	32,800	4.20	12.2	28,800	2.50
4616759	25VNA036A**30	CAP**6021A**+UI	58MV(B,C)080-14	34,200	22,800	13.2	19.0	1200	875	33,000	4.12	12.1	29,000	2.46
4616760	25VNA036A**30	CAP**6021A**+UI	58MV(B,C)080-20	34,400	22,800	13.2	19.0	1200	875	33,000	4.18	12.2	28,800	2.48
4616760	25VNA036A**30	CAP**6021A**+UI	58MV(B,C)100-20	34,400	22,800	13.2	19.1	1200	875	33,000	4.18	12.2	28,800	2.48
4701988	25VNA036A**30	CAP**6021A**+UI	59*N*A060V17**14	34,000	22,600	12.8	18.9	1200	875	33,200	4.00	12.2	32,400	2.38
4701989	25VNA036A**30	CAP**6021A**+UI	59*N*A080V17**14	34,200	22,800	13.2	19.0	1200	875	33,000	4.08	12.1	32,000	2.42
4701990	25VNA036A**30	CAP**6021A**+UI	59*N*A100V21**20	34,400	22,800	13.2	19.1	1200	875	32,800	4.16	12.2	31,800	2.44
4616768	25VNA036A**30	CAP**6024A**+UI	58CV(A,X)110-20	34,600	22,800	13.7	19.6	1200	875	32,800	4.26	12.3	28,600	2.52
4616769	25VNA036A**30	CAP**6024A**+UI	58CV(A,X)135-22	34,600	22,800	13.7	19.9	1200	875	32,600	4.30	12.4	28,400	2.54
4616770	25VNA036A**30	CAP**6024A**+UI	58CV(A,X)155-22	34,600	22,800	14.0	20.0	1200	875	32,600	4.32	12.4	28,400	2.56
4616764	25VNA036A**30	CAP**6024A**+UI	58MV(B,C)080-14	34,200	22,800	13.2	19.0	1200	875	33,000	4.14	12.1	29,000	2.46
4616765	25VNA036A**30	CAP**6024A**+UI	58MV(B,C)080-20	34,400	22,800	13.2	19.0	1200	875	33,000	4.18	12.2	28,800	2.48
4616766	25VNA036A**30	CAP**6024A**+UI	58MV(B,C)100-20	34,400	22,800	13.2	19.1	1200	875	33,000	4.20	12.2	28,800	2.50
4616767	25VNA036A**30	CAP**6024A**+UI	58MV(B,C)120-20	34,400	22,800	13.5	19.4	1200	875	32,800	4.24	12.3	28,600	2.52
4616763	25VNA036A**30	CAP**6024A**+UI	58MV(B,C)120-20	34,400	22,800	13.2	19.2	1200	875	33,000	4.16	12.2	29,000	2.48
4701991	25VNA036A**30	CAP**6024A**+UI	59*N*A100V21**20	34,400	22,800	13.2	19.1	1200	875	32,800	4.16	12.2	31,800	2.44
4701992	25VNA036A**30	CAP**6024A**+UI	59*N*A120V24**22	34,400	22,800	13.5	19.4	1200	875	32,800	4.22	12.3	31,600	2.48
4616776	25VNA036A**30	CAP**6025A**+UI	58CV(A,X)110-20	34,600	22,800	13.7	19.6	1200	875	33,400	4.28	12.3	28,600	2.52
4616777	25VNA036A**30	CAP**6025A**+UI	58CV(A,X)135-22	34,600	22,800	13.7	19.9	1200	875	33,200	4.32	12.4	28,400	2.54
4616778	25VNA036A**30	CAP**6025A**+UI	58CV(A,X)155-22	34,600	22,800	14.0	20.0	1200	875	33,200	4.34	12.4	28,400	2.56
4616772	25VNA036A**30	CAP**6025A**+UI	58MV(B,C)080-14	34,200	22,800	13.2	19.0	1200	875	33,400	4.14	12.1	29,000	2.46
4616773	25VNA036A**30	CAP**6025A**+UI	58MV(B,C)080-20	34,400	22,800	13.2	19.0	1200	875	33,200	4.18	12.2	28,800	2.48
4616774	25VNA036A**30	CAP**6025A**+UI	58MV(B,C)100-20	34,400	22,800	13.2	19.1	1200	875	33,600	4.22	12.2	28,800	2.50
4616775	25VNA036A**30	CAP**6025A**+UI	58MV(B,C)120-20	34,400	22,800	13.5	19.4	1200	875	33,400	4.26	12.3	28,600	2.52
4616771	25VNA036A**30	CAP**6025A**+UI	58MV(B,C)120-14	34,400	22,800	13.2	19.2	1200	875	33,200	4.18	12.2	29,000	2.48

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COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cig. Cap. High	Cig. Cap. Low	EER	SEER	ID CFM		High Temp		Low Temp		
								High	Low	E Capacity	E COP	H Capacity	H COP	
4701996	25VNA036A**30	CAP**6025A**+UI	59*N*A100V21**20	34,400	22,800	13.2	19.1	1200	875	32,800	4.16	12.2	32,400	2.46
4701997	25VNA036A**30	CAP**6025A**+UI	59*N*A120V24**22	34,400	22,800	13.5	19.4	1200	875	33,600	4.26	12.3	32,200	2.48
4616820	25VNA036A**30	CNPH*3617A**+UI	58CV(A,X)070-12	33,000	22,400	12.5	18.2	1200	875	35,800	3.56	10.6	30,000	2.32
4616821	25VNA036A**30	CNPH*3617A**+UI	58CV(A,X)090-16	33,200	22,400	13.0	18.7	1200	875	35,600	3.62	10.6	29,600	2.36
4616822	25VNA036A**30	CNPH*3617A**+UI	58CV(A,X)110-20	33,200	22,400	13.0	18.5	1200	875	35,600	3.62	10.6	29,600	2.38
4616823	25VNA036A**30	CNPH*3617A**+UI	58CV(A,X)135-22	33,400	22,400	13.0	18.8	1200	875	35,400	3.66	10.6	29,400	2.40
4616824	25VNA036A**30	CNPH*3617A**+UI	58CV(A,X)155-22	33,400	22,400	13.2	19.0	1200	875	35,400	3.68	10.6	29,400	2.40
4616815	25VNA036A**30	CNPH*3617A**+UI	58MV(B,C)060-14	33,200	22,400	12.7	18.4	1200	875	35,600	3.60	10.6	29,600	2.36
4616816	25VNA036A**30	CNPH*3617A**+UI	58MV(B,C)080-14	33,000	22,200	12.5	18.0	1200	875	35,800	3.54	10.5	30,000	2.32
4616817	25VNA036A**30	CNPH*3617A**+UI	58MV(B,C)080-20	33,000	22,400	12.5	18.0	1200	875	35,800	3.58	10.5	29,800	2.34
4616818	25VNA036A**30	CNPH*3617A**+UI	58MV(B,C)100-20	33,200	22,400	12.7	18.2	1200	875	35,600	3.60	10.5	29,800	2.36
4616819	25VNA036A**30	CNPH*3617A**+UI	58MV(B,C)120-20	33,200	22,400	13.0	18.4	1200	875	35,600	3.62	10.6	29,600	2.36
4616814	25VNA036A**30	CNPH*3617A**+UI	58MV(B,C)040-14	33,000	22,400	12.5	18.2	1200	875	35,800	3.56	10.5	29,800	2.34
4702021	25VNA036A**30	CNPH*3617A**+UI	59*N*A060V17**14	32,800	22,200	12.0	17.9	1200	875	34,600	3.68	10.6	33,400	2.14
4702022	25VNA036A**30	CNPH*3617A**+UI	59*N*A080V17**14	33,000	22,200	12.4	18.0	1200	875	36,000	3.36	10.5	33,200	2.18
4702023	25VNA036A**30	CNPH*3617A**+UI	59*N*A100V21**20	33,000	22,400	12.7	18.2	1200	875	36,000	3.40	10.5	33,000	2.20
4702024	25VNA036A**30	CNPH*3617A**+UI	59*N*A120V24**22	33,200	22,400	12.9	18.4	1200	875	36,000	3.44	10.6	32,800	2.22
4616831	25VNA036A**30	CNPH*4221A**+UI	58CV(A,X)070-12	33,400	22,600	12.7	18.5	1200	875	35,400	3.80	11.2	29,800	2.38
4616832	25VNA036A**30	CNPH*4221A**+UI	58CV(A,X)090-16	33,600	22,600	13.2	19.0	1200	875	35,000	3.88	11.3	29,400	2.42
4616833	25VNA036A**30	CNPH*4221A**+UI	58CV(A,X)110-20	33,600	22,600	13.2	18.9	1200	875	35,000	3.88	11.3	29,400	2.44
4616834	25VNA036A**30	CNPH*4221A**+UI	58CV(A,X)135-22	33,800	22,600	13.2	19.2	1200	875	35,000	3.92	11.3	29,200	2.46
4616835	25VNA036A**30	CNPH*4221A**+UI	58CV(A,X)155-22	33,800	22,600	13.5	19.3	1200	875	35,000	3.94	11.3	29,200	2.46
4616826	25VNA036A**30	CNPH*4221A**+UI	58MV(B,C)060-14	33,600	22,600	13.0	18.7	1200	875	35,200	3.86	11.2	29,400	2.42
4616827	25VNA036A**30	CNPH*4221A**+UI	58MV(B,C)080-14	33,400	22,400	12.7	18.3	1200	875	35,400	3.80	11.2	29,800	2.38
4616828	25VNA036A**30	CNPH*4221A**+UI	58MV(B,C)080-20	33,400	22,400	13.0	18.4	1200	875	35,200	3.82	11.2	29,600	2.40
4616829	25VNA036A**30	CNPH*4221A**+UI	58MV(B,C)100-20	33,600	22,600	13.0	18.5	1200	875	35,200	3.84	11.2	29,600	2.40
4616830	25VNA036A**30	CNPH*4221A**+UI	58MV(B,C)120-20	33,600	22,600	13.0	18.7	1200	875	35,200	3.88	11.2	29,400	2.42
4616825	25VNA036A**30	CNPH*4221A**+UI	58MV(B,C)040-14	33,400	22,600	12.7	18.6	1200	875	35,200	3.82	11.2	29,600	2.42
4702025	25VNA036A**30	CNPH*4221A**+UI	59*N*A060V17**14	33,200	22,400	12.3	18.3	1200	875	35,200	3.76	11.5	33,600	2.18
4702026	25VNA036A**30	CNPH*4221A**+UI	59*N*A080V17**14	33,400	22,400	12.7	18.3	1200	875	35,000	3.82	11.5	33,000	2.26
4702027	25VNA036A**30	CNPH*4221A**+UI	59*N*A100V21**20	33,600	22,600	13.0	18.5	1200	875	34,800	3.88	11.5	32,600	2.28
4702028	25VNA036A**30	CNPH*4221A**+UI	59*N*A120V24**22	33,600	22,600	13.0	18.7	1200	875	34,600	3.94	11.5	32,400	2.30
4616842	25VNA036A**30	CNPH*4321A**+UI	58CV(A,X)070-12	34,400	23,000	13.2	19.3	1200	875	34,400	4.18	12.5	29,400	2.48
4616843	25VNA036A**30	CNPH*4321A**+UI	58CV(A,X)090-16	34,600	23,000	13.7	19.7	1200	875	34,200	4.30	12.5	29,000	2.54
4616844	25VNA036A**30	CNPH*4321A**+UI	58CV(A,X)110-20	34,600	23,000	13.7	19.8	1200	875	34,200	4.32	12.5	29,000	2.54
4616845	25VNA036A**30	CNPH*4321A**+UI	58CV(A,X)135-22	34,800	23,000	14.0	20.0	1200	875	34,000	4.36	12.5	28,800	2.56
4616846	25VNA036A**30	CNPH*4321A**+UI	58CV(A,X)155-22	34,800	23,200	14.0	20.0	1200	875	34,000	4.38	12.5	28,800	2.58
4616837	25VNA036A**30	CNPH*4321A**+UI	58MV(B,C)060-14	34,600	23,000	13.5	19.4	1200	875	34,200	4.28	12.5	29,200	2.52
4616838	25VNA036A**30	CNPH*4321A**+UI	58MV(B,C)080-14	34,400	23,000	13.2	19.1	1200	875	34,400	4.20	12.3	29,400	2.48
4616839	25VNA036A**30	CNPH*4321A**+UI	58MV(B,C)080-20	34,400	23,000	13.4	19.2	1200	875	34,400	4.24	12.3	29,200	2.50
4616840	25VNA036A**30	CNPH*4321A**+UI	58MV(B,C)100-20	34,600	23,000	13.5	19.3	1200	875	34,200	4.26	12.5	29,200	2.52
4616841	25VNA036A**30	CNPH*4321A**+UI	58MV(B,C)120-20	34,600	23,000	13.7	19.6	1200	875	34,200	4.30	12.5	29,000	2.54
4616836	25VNA036A**30	CNPH*4321A**+UI	58MV(B,C)040-14	34,400	23,000	13.2	19.4	1200	875	34,400	4.22	12.3	29,400	2.50
4702029	25VNA036A**30	CNPH*4321A**+UI	59*N*A060V17**14	34,200	23,000	12.9	19.0	1200	875	33,800	4.06	12.5	33,600	2.28
4702030	25VNA036A**30	CNPH*4321A**+UI	59*N*A080V17**14	34,400	23,000	13.2	19.1	1200	875	33,600	4.14	12.3	32,400	2.42
4702031	25VNA036A**30	CNPH*4321A**+UI	59*N*A100V21**20	34,600	23,000	13.5	19.3	1200	875	33,600	4.20	12.5	32,200	2.46
4702032	25VNA036A**30	CNPH*4321A**+UI	59*N*A120V24**22	34,600	23,000	13.7	19.6	1200	875	33,400	4.26	12.5	32,000	2.48

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COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cig. Cap. High	Cig. Cap. Low	EER	SEER	ID CFM		High Temp		Low Temp	
								High	Low	E Capacity	E COP	H Capacity	H COP
4616853	25VNA036A**30	CNPH*4821A**+UI	58CV(A,X)070-12	34,000	22,800	13.0	19.0	1200	875	35,000	4.06	29,600	2.44
4616854	25VNA036A**30	CNPH*4821A**+UI	58CV(A,X)090-16	34,200	22,800	13.5	19.5	1200	875	34,600	4.16	29,200	2.50
4616855	25VNA036A**30	CNPH*4821A**+UI	58CV(A,X)110-20	34,200	22,800	13.5	19.6	1200	875	34,600	4.18	29,000	2.50
4616856	25VNA036A**30	CNPH*4821A**+UI	58CV(A,X)135-22	34,400	23,000	13.7	19.8	1200	875	34,600	4.22	29,000	2.52
4616857	25VNA036A**30	CNPH*4821A**+UI	58CV(A,X)155-22	34,400	23,000	13.7	20.0	1200	875	34,400	4.24	29,000	2.54
4616848	25VNA036A**30	CNPH*4821A**+UI	58MV(B,C)060-14	34,200	22,800	13.2	19.2	1200	875	34,800	4.14	29,200	2.48
4616849	25VNA036A**30	CNPH*4821A**+UI	58MV(B,C)080-14	34,000	22,800	13.0	19.0	1200	875	34,800	4.08	29,400	2.46
4616850	25VNA036A**30	CNPH*4821A**+UI	58MV(B,C)080-20	34,000	22,800	13.2	19.0	1200	875	34,800	4.12	29,400	2.48
4616851	25VNA036A**30	CNPH*4821A**+UI	58MV(B,C)100-20	34,200	22,800	13.2	19.1	1200	875	34,800	4.12	29,200	2.48
4616852	25VNA036A**30	CNPH*4821A**+UI	58MV(B,C)120-20	34,200	22,800	13.5	19.3	1200	875	34,600	4.16	29,200	2.50
4616847	25VNA036A**30	CNPH*4821A**+UI	58MV(B,C)040-14	34,000	22,800	13.2	19.2	1200	875	34,800	4.10	29,400	2.46
4702033	25VNA036A**30	CNPH*4821A**+UI	59*N*A060V17**14	33,800	22,800	12.7	18.9	1200	875	34,400	3.98	32,800	2.34
4702034	25VNA036A**30	CNPH*4821A**+UI	59*N*A080V17**14	34,000	22,800	13.0	19.0	1200	875	34,200	4.04	32,600	2.38
4702035	25VNA036A**30	CNPH*4821A**+UI	59*N*A100V21**20	34,200	22,800	13.2	19.1	1200	875	34,000	4.12	32,400	2.40
4702036	25VNA036A**30	CNPH*4821A**+UI	59*N*A120V24**22	34,200	22,800	13.5	19.3	1200	875	34,000	4.18	32,200	2.42
4616907	25VNA036A**30	CNPH*6024A**+UI	58CV(A,X)070-12	34,600	23,000	13.2	19.4	1200	875	34,000	4.16	31,600	2.42
4616908	25VNA036A**30	CNPH*6024A**+UI	58CV(A,X)090-16	34,800	23,000	13.7	20.0	1200	875	33,800	4.26	31,200	2.46
4616909	25VNA036A**30	CNPH*6024A**+UI	58CV(A,X)110-20	35,000	23,200	13.7	20.0	1200	875	33,800	4.30	31,200	2.48
4616910	25VNA036A**30	CNPH*6024A**+UI	58CV(A,X)135-22	35,000	23,200	14.0	20.0	1200	875	33,600	4.34	31,000	2.48
4616911	25VNA036A**30	CNPH*6024A**+UI	58CV(A,X)155-22	35,000	23,200	14.2	20.0	1200	875	33,600	4.36	31,000	2.50
4616902	25VNA036A**30	CNPH*6024A**+UI	58MV(B,C)060-14	34,800	23,000	13.7	19.6	1200	875	33,800	4.24	31,200	2.46
4616903	25VNA036A**30	CNPH*6024A**+UI	58MV(B,C)080-14	34,600	23,000	13.2	19.3	1200	875	34,000	4.16	31,400	2.42
4616904	25VNA036A**30	CNPH*6024A**+UI	58MV(B,C)080-20	34,800	23,000	13.5	19.4	1200	875	34,000	4.22	31,400	2.44
4616905	25VNA036A**30	CNPH*6024A**+UI	58MV(B,C)100-20	34,800	23,000	13.5	19.5	1200	875	34,000	4.22	31,400	2.44
4616906	25VNA036A**30	CNPH*6024A**+UI	58MV(B,C)120-20	34,800	23,000	13.7	19.7	1200	875	33,800	4.26	31,200	2.46
4616901	25VNA036A**30	CNPH*6024A**+UI	58MV(B,C)040-14	34,800	23,000	13.5	19.6	1200	875	34,000	4.20	31,400	2.44
4702037	25VNA036A**30	CNPH*6024A**+UI	59*N*A060V17**14	34,400	23,000	13.0	19.2	1200	875	34,000	4.04	32,400	2.38
4702038	25VNA036A**30	CNPH*6024A**+UI	59*N*A080V17**14	34,600	23,000	13.2	19.3	1200	875	33,800	4.12	32,200	2.40
4702039	25VNA036A**30	CNPH*6024A**+UI	59*N*A100V21**20	34,800	23,000	13.5	19.5	1200	875	33,600	4.18	32,000	2.44
4702040	25VNA036A**30	CNPH*6024A**+UI	59*N*A120V24**22	35,000	23,000	13.7	19.7	1200	875	33,400	4.26	31,800	2.46
4616918	25VNA036A**30	CNPH*6124A**+UI	58CV(A,X)070-12	34,800	23,000	13.2	19.2	1200	875	33,000	4.14	31,200	2.42
4616919	25VNA036A**30	CNPH*6124A**+UI	58CV(A,X)090-16	35,000	23,000	13.7	19.7	1200	875	32,800	4.26	30,800	2.46
4616920	25VNA036A**30	CNPH*6124A**+UI	58CV(A,X)110-20	35,000	23,000	13.7	19.6	1200	875	32,800	4.28	30,800	2.48
4616921	25VNA036A**30	CNPH*6124A**+UI	58CV(A,X)135-22	35,200	23,200	14.0	20.0	1200	875	32,600	4.32	30,600	2.50
4616922	25VNA036A**30	CNPH*6124A**+UI	58CV(A,X)155-22	35,200	23,200	14.2	20.0	1200	875	32,600	4.34	30,600	2.50
4616913	25VNA036A**30	CNPH*6124A**+UI	58MV(B,C)060-14	35,000	23,000	13.5	19.4	1200	875	32,800	4.24	31,000	2.46
4616914	25VNA036A**30	CNPH*6124A**+UI	58MV(B,C)080-14	34,800	23,000	13.2	19.0	1200	875	33,000	4.16	31,200	2.42
4616915	25VNA036A**30	CNPH*6124A**+UI	58MV(B,C)080-20	34,800	23,000	13.5	19.1	1200	875	32,800	4.20	31,000	2.44
4616916	25VNA036A**30	CNPH*6124A**+UI	58MV(B,C)100-20	34,800	23,000	13.5	19.2	1200	875	32,800	4.22	31,000	2.46
4616917	25VNA036A**30	CNPH*6124A**+UI	58MV(B,C)120-20	35,000	23,000	13.7	19.4	1200	875	32,800	4.26	30,800	2.46
4616912	25VNA036A**30	CNPH*6124A**+UI	58MV(B,C)040-14	34,800	23,000	13.5	19.3	1200	875	33,000	4.18	31,000	2.44
4702041	25VNA036A**30	CNPH*6124A**+UI	59*N*A060V17**14	34,600	23,000	13.0	19.0	1200	875	33,600	4.04	32,400	2.40
4702042	25VNA036A**30	CNPH*6124A**+UI	59*N*A080V17**14	34,800	23,000	13.2	19.0	1200	875	33,400	4.12	32,200	2.44
4702043	25VNA036A**30	CNPH*6124A**+UI	59*N*A100V21**20	34,800	23,000	13.5	19.2	1200	875	33,200	4.20	32,000	2.46
4702044	25VNA036A**30	CNPH*6124A**+UI	59*N*A120V24**22	35,000	23,000	13.7	19.4	1200	875	33,000	4.26	31,800	2.50
4616780	25VNA036A**30	CNPV*3617A**+UI	58CV(A,X)070-12	33,000	22,400	12.5	18.2	1200	875	36,400	3.36	30,000	2.32
4616781	25VNA036A**30	CNPV*3617A**+UI	58CV(A,X)090-16	33,200	22,400	13.0	18.7	1200	875	36,200	3.44	29,600	2.36

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COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cig. Cap. High	Cig. Cap. Low	EER	SEER	ID CFM		High Temp		Low Temp	
								High	Low	E Capacity	E COP	H Capacity	H COP
4616779	25VNA036A**30	CNPV*3617A**+UI	58MV(B,C)060-14	33,200	22,400	12.7	18.4	1200	875	36,200	3.42	29,600	2.36
4701998	25VNA036A**30	CNPV*3617A**+UI	59*N*A060V17**14	32,800	22,200	12.0	17.9	1200	875	36,000	3.06	33,400	2.14
4701999	25VNA036A**30	CNPV*3617A**+UI	59*N*A080V17**14	33,000	22,200	12.2	18.0	1200	875	36,000	3.46	33,200	2.18
4616786	25VNA036A**30	CNPV*3621A**+UI	58CV(A,X)090-16	33,200	22,400	13.0	18.7	1200	875	36,000	3.44	29,600	2.38
4616787	25VNA036A**30	CNPV*3621A**+UI	58CV(A,X)110-20	33,200	22,400	13.0	18.6	1200	875	36,000	3.44	29,400	2.38
4616782	25VNA036A**30	CNPV*3621A**+UI	58MV(B,C)060-14	33,200	22,400	12.7	18.4	1200	875	36,200	3.42	29,600	2.36
4616783	25VNA036A**30	CNPV*3621A**+UI	58MV(B,C)080-14	33,000	22,200	12.5	18.0	1200	875	36,400	3.38	29,800	2.34
4616784	25VNA036A**30	CNPV*3621A**+UI	58MV(B,C)080-20	33,200	22,400	12.5	18.1	1200	875	36,200	3.40	29,800	2.36
4616785	25VNA036A**30	CNPV*3621A**+UI	58MV(B,C)100-20	33,200	22,400	12.7	18.2	1200	875	36,200	3.42	29,600	2.36
4702000	25VNA036A**30	CNPV*3621A**+UI	59*N*A060V17**14	32,800	22,200	12.0	18.0	1200	875	36,000	3.42	33,200	2.18
4702001	25VNA036A**30	CNPV*3621A**+UI	59*N*A080V17**14	33,000	22,400	12.4	18.0	1200	875	36,000	3.34	33,200	2.18
4702002	25VNA036A**30	CNPV*3621A**+UI	59*N*A100V21**20	33,200	22,400	12.7	18.2	1200	875	36,000	3.38	32,800	2.20
4616789	25VNA036A**30	CNPV*3717A**+UI	58CV(A,X)070-12	34,400	23,000	13.0	19.1	1200	875	33,800	4.14	29,600	2.46
4616790	25VNA036A**30	CNPV*3717A**+UI	58CV(A,X)090-16	34,600	23,000	13.5	19.6	1200	875	33,600	4.26	29,200	2.52
4616788	25VNA036A**30	CNPV*3717A**+UI	58MV(B,C)060-14	34,600	23,000	13.2	19.3	1200	875	33,600	4.24	29,200	2.52
4702003	25VNA036A**30	CNPV*3717A**+UI	59*N*A060V17**14	34,200	22,800	12.7	18.9	1200	875	34,400	4.04	32,800	2.38
4702004	25VNA036A**30	CNPV*3717A**+UI	59*N*A080V17**14	34,200	23,000	13.0	19.0	1200	875	34,200	4.12	33,600	2.22
4616792	25VNA036A**30	CNPV*4217A**+UI	58CV(A,X)070-12	33,600	22,600	12.7	18.7	1200	875	34,600	3.96	29,800	2.40
4616793	25VNA036A**30	CNPV*4217A**+UI	58CV(A,X)090-16	33,800	22,800	13.2	19.1	1200	875	34,400	4.06	29,400	2.46
4616791	25VNA036A**30	CNPV*4217A**+UI	58MV(B,C)060-14	33,800	22,600	13.0	18.8	1200	875	34,400	4.04	29,400	2.44
4702005	25VNA036A**30	CNPV*4217A**+UI	59*N*A060V17**14	33,400	22,600	12.4	18.4	1200	875	34,800	3.86	33,200	2.28
4702006	25VNA036A**30	CNPV*4217A**+UI	59*N*A080V17**14	33,600	22,600	12.5	18.5	1200	875	34,600	3.92	32,800	2.32
4616798	25VNA036A**30	CNPV*4221A**+UI	58CV(A,X)090-16	33,600	22,600	13.2	19.0	1200	875	34,600	3.96	29,400	2.42
4616799	25VNA036A**30	CNPV*4221A**+UI	58CV(A,X)110-20	33,600	22,600	13.2	18.9	1200	875	34,600	3.96	29,400	2.44
4616794	25VNA036A**30	CNPV*4221A**+UI	58MV(B,C)060-14	33,600	22,600	13.0	18.7	1200	875	34,600	3.94	29,400	2.42
4616795	25VNA036A**30	CNPV*4221A**+UI	58MV(B,C)080-14	33,400	22,400	12.7	18.3	1200	875	34,800	3.86	29,800	2.38
4616796	25VNA036A**30	CNPV*4221A**+UI	58MV(B,C)080-20	33,400	22,400	13.0	18.4	1200	875	34,800	3.90	29,600	2.40
4616797	25VNA036A**30	CNPV*4221A**+UI	58MV(B,C)100-20	33,600	22,600	13.0	18.5	1200	875	34,800	3.92	29,600	2.40
4702007	25VNA036A**30	CNPV*4221A**+UI	59*N*A060V17**14	33,200	22,400	12.3	18.3	1200	875	35,200	3.76	33,200	2.24
4702008	25VNA036A**30	CNPV*4221A**+UI	59*N*A080V17**14	33,400	22,400	12.7	18.3	1200	875	37,200	3.12	33,000	2.26
4702009	25VNA036A**30	CNPV*4221A**+UI	59*N*A100V21**20	33,600	22,600	13.0	18.5	1200	875	34,800	3.88	32,600	2.28
4625899	25VNA036A**30	CNPV*4324A**+UI	58CV(A,X)110-20	34,800	23,000	13.7	20.0	1200	875	33,400	4.34	29,000	2.56
4625901	25VNA036A**30	CNPV*4324A**+UI	58CV(A,X)135-22	34,800	23,200	14.0	20.0	1200	875	33,400	4.38	28,800	2.58
4625903	25VNA036A**30	CNPV*4324A**+UI	58CV(A,X)155-22	34,800	23,200	14.2	20.0	1200	875	33,400	4.40	28,800	2.58
4625893	25VNA036A**30	CNPV*4324A**+UI	58MV(B,C)080-14	34,400	23,000	13.2	19.4	1200	875	33,800	4.20	29,400	2.50
4625895	25VNA036A**30	CNPV*4324A**+UI	58MV(B,C)080-20	34,600	23,000	13.5	19.4	1200	875	33,600	4.24	29,200	2.52
4625896	25VNA036A**30	CNPV*4324A**+UI	58MV(B,C)100-20	34,600	23,000	13.5	19.5	1200	875	33,600	4.26	29,200	2.52
4625898	25VNA036A**30	CNPV*4324A**+UI	58MV(B,C)120-20	34,600	23,000	13.7	19.8	1200	875	33,600	4.30	29,000	2.54
4625891	25VNA036A**30	CNPV*4324A**+UI	58MV(B,C)040-14	34,600	23,000	13.5	19.6	1200	875	33,600	4.24	29,200	2.50
4702010	25VNA036A**30	CNPV*4324A**+UI	59*N*A100V21**20	34,600	23,000	13.5	19.5	1200	875	33,400	4.22	33,000	2.34
4702011	25VNA036A**30	CNPV*4324A**+UI	59*N*A120V24**22	34,600	23,000	13.7	19.8	1200	875	33,400	4.30	32,000	2.50
4616804	25VNA036A**30	CNPV*4821A**+UI	58CV(A,X)090-16	34,200	22,800	13.5	19.5	1200	875	34,200	4.18	29,200	2.50
4616805	25VNA036A**30	CNPV*4821A**+UI	58CV(A,X)110-20	34,200	22,800	13.5	19.6	1200	875	34,000	4.22	29,000	2.50
4616800	25VNA036A**30	CNPV*4821A**+UI	58MV(B,C)060-14	34,200	22,800	13.2	19.2	1200	875	34,200	4.16	29,200	2.48
4616801	25VNA036A**30	CNPV*4821A**+UI	58MV(B,C)080-14	34,000	22,800	13.0	18.9	1200	875	34,400	4.10	29,400	2.46
4616802	25VNA036A**30	CNPV*4821A**+UI	58MV(B,C)080-20	34,000	22,800	13.2	19.0	1200	875	34,200	4.14	29,400	2.48
4616803	25VNA036A**30	CNPV*4821A**+UI	58MV(B,C)100-20	34,200	22,800	13.2	19.1	1200	875	34,200	4.14	29,200	2.48

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COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cig. Cap. High	Cig. Cap. Low	EER	SEER	ID CFM		High Temp		Low Temp		
								High	Low	E Capacity	E COP	H Capacity	H COP	
4702012	25VNA036A**30	CNPV*4821A**+UI	59*N*A060V17**14	33,800	22,800	12.7	18.9	1200	875	34,400	3.98	12.3	32,800	2.34
4702013	25VNA036A**30	CNPV*4821A**+UI	59*N*A080V17**14	34,000	22,800	13.0	18.9	1200	875	34,200	4.04	12.2	32,600	2.38
4702014	25VNA036A**30	CNPV*4821A**+UI	59*N*A100V21**20	34,200	22,800	13.2	19.0	1200	875	34,000	4.12	12.2	32,400	2.40
4616811	25VNA036A**30	CNPV*4824A**+UI	58CV(A,X)110-20	34,200	22,800	13.5	19.6	1200	875	34,000	4.22	12.3	29,000	2.50
4616812	25VNA036A**30	CNPV*4824A**+UI	58CV(A,X)135-22	34,400	23,000	13.7	19.8	1200	875	34,000	4.24	12.5	29,000	2.52
4616813	25VNA036A**30	CNPV*4824A**+UI	58CV(A,X)155-22	34,400	23,000	13.7	20.0	1200	875	34,000	4.26	12.5	29,000	2.54
4616807	25VNA036A**30	CNPV*4824A**+UI	58MV(B,C)080-14	34,000	22,800	13.0	18.9	1200	875	34,400	4.10	12.2	29,400	2.46
4616808	25VNA036A**30	CNPV*4824A**+UI	58MV(B,C)080-20	34,000	22,800	13.2	19.0	1200	875	34,200	4.14	12.2	29,400	2.48
4616809	25VNA036A**30	CNPV*4824A**+UI	58MV(B,C)100-20	34,200	22,800	13.2	19.1	1200	875	34,200	4.14	12.2	29,200	2.48
4616810	25VNA036A**30	CNPV*4824A**+UI	58MV(B,C)120-20	34,200	22,800	13.5	19.3	1200	875	34,200	4.18	12.3	29,200	2.50
4616806	25VNA036A**30	CNPV*4824A**+UI	58MV(B,C)040-14	34,000	22,800	13.2	19.2	1200	875	34,200	4.12	12.3	29,400	2.46
4702015	25VNA036A**30	CNPV*4824A**+UI	59*N*A100V21**20	34,200	22,800	13.2	19.1	1200	875	34,000	4.12	12.2	32,400	2.40
4702016	25VNA036A**30	CNPV*4824A**+UI	59*N*A120V24**22	34,200	22,800	13.5	19.3	1200	875	34,000	4.18	12.3	32,200	2.42
4702017	25VNA036A**30	CNPV*6024A**+UI	59*N*A100V21**20	34,800	23,000	13.5	19.5	1200	875	33,800	4.20	12.4	32,000	2.44
4702018	25VNA036A**30	CNPV*6024A**+UI	59*N*A120V24**22	35,000	23,000	13.7	19.7	1200	875	33,600	4.26	12.4	31,800	2.46
4616898	25VNA036A**30	CNPV*6124A**+UI	58CV(A,X)110-20	35,400	23,200	14.2	20.0	1200	875	33,000	4.38	13.0	31,000	2.52
4616899	25VNA036A**30	CNPV*6124A**+UI	58CV(A,X)135-22	35,400	23,400	14.4	20.0	1200	875	33,000	4.42	13.0	30,800	2.52
4616900	25VNA036A**30	CNPV*6124A**+UI	58CV(A,X)155-22	35,400	23,400	14.4	20.0	1200	875	32,800	4.44	13.0	30,800	2.54
4616894	25VNA036A**30	CNPV*6124A**+UI	58MV(B,C)080-14	35,000	23,200	13.5	19.8	1200	875	33,200	4.24	12.7	31,400	2.46
4616895	25VNA036A**30	CNPV*6124A**+UI	58MV(B,C)080-20	35,200	23,200	13.7	19.8	1200	875	33,200	4.28	12.7	31,200	2.48
4616896	25VNA036A**30	CNPV*6124A**+UI	58MV(B,C)100-20	35,200	23,200	13.7	20.0	1200	875	33,200	4.30	12.8	31,200	2.48
4616897	25VNA036A**30	CNPV*6124A**+UI	58MV(B,C)120-20	35,200	23,200	14.0	20.0	1200	875	33,000	4.34	12.8	31,000	2.50
4616893	25VNA036A**30	CNPV*6124A**+UI	58MV(B,C)040-14	35,200	23,200	13.7	20.0	1200	875	33,200	4.28	12.7	31,200	2.48
4702019	25VNA036A**30	CNPV*6124A**+UI	59*N*A100V21**20	35,200	23,200	13.7	20.0	1200	875	33,400	4.28	12.8	32,000	2.50
4702020	25VNA036A**30	CNPV*6124A**+UI	59*N*A120V24**22	35,400	23,200	14.0	20.0	1200	875	33,200	4.36	12.8	31,800	2.52
4616864	25VNA036A**30	CSPH*3612A**+UI	58CV(A,X)070-12	33,800	22,800	13.0	18.7	1200	875	35,000	3.96	10.8	29,800	2.42
4616865	25VNA036A**30	CSPH*3612A**+UI	58CV(A,X)090-16	34,000	22,800	13.2	19.2	1200	875	34,800	4.06	10.9	29,400	2.46
4616866	25VNA036A**30	CSPH*3612A**+UI	58CV(A,X)110-20	34,000	22,800	13.2	19.1	1200	875	34,800	4.06	10.8	29,200	2.48
4616867	25VNA036A**30	CSPH*3612A**+UI	58CV(A,X)135-22	34,200	22,800	13.5	19.2	1200	875	34,600	4.10	10.9	29,200	2.50
4616868	25VNA036A**30	CSPH*3612A**+UI	58CV(A,X)155-22	34,200	22,800	13.7	19.5	1200	875	34,600	4.12	10.9	29,000	2.50
4616869	25VNA036A**30	CSPH*3612A**+UI	58MV(B,C)060-14	34,000	22,800	13.2	18.9	1200	875	34,800	4.04	10.8	29,400	2.46
4616860	25VNA036A**30	CSPH*3612A**+UI	58MV(B,C)080-14	33,800	22,600	13.0	18.5	1200	875	35,000	3.96	10.8	29,600	2.42
4616861	25VNA036A**30	CSPH*3612A**+UI	58MV(B,C)080-20	34,000	22,600	13.0	18.6	1200	875	35,000	4.00	10.8	29,600	2.44
4616862	25VNA036A**30	CSPH*3612A**+UI	58MV(B,C)100-20	34,000	22,800	13.2	18.7	1200	875	34,800	4.02	10.8	29,400	2.44
4616863	25VNA036A**30	CSPH*3612A**+UI	58MV(B,C)120-20	34,000	22,800	13.2	19.0	1200	875	34,800	4.06	10.8	29,400	2.46
4616858	25VNA036A**30	CSPH*3612A**+UI	58MV(B,C)040-14	33,800	22,800	13.0	18.8	1200	875	35,000	3.98	10.8	29,600	2.44
4702045	25VNA036A**30	CSPH*3612A**+UI	59*N*A060V17**14	33,600	22,600	12.5	18.4	1200	875	35,800	3.78	10.8	33,000	2.30
4702046	25VNA036A**30	CSPH*3612A**+UI	59*N*A080V17**14	33,800	22,600	12.9	18.5	1200	875	35,600	3.86	10.8	32,800	2.32
4702047	25VNA036A**30	CSPH*3612A**+UI	59*N*A100V21**20	34,000	22,800	13.2	18.7	1200	875	35,400	3.92	10.8	32,600	2.36
4702048	25VNA036A**30	CSPH*3612A**+UI	59*N*A120V24**22	34,000	22,800	13.2	19.0	1200	875	35,200	3.96	10.8	32,400	2.38
4616875	25VNA036A**30	CSPH*4212A**+UI	58CV(A,X)070-12	34,000	22,800	13.0	18.9	1200	875	34,800	4.06	11.5	29,600	2.44
4616876	25VNA036A**30	CSPH*4212A**+UI	58CV(A,X)090-16	34,200	22,800	13.5	19.4	1200	875	34,600	4.16	11.6	29,200	2.50
4616877	25VNA036A**30	CSPH*4212A**+UI	58CV(A,X)110-20	34,400	22,800	13.5	19.3	1200	875	34,400	4.18	11.5	29,200	2.50
4616878	25VNA036A**30	CSPH*4212A**+UI	58CV(A,X)135-22	34,400	23,000	13.7	19.6	1200	875	34,400	4.22	11.6	29,000	2.52
4616879	25VNA036A**30	CSPH*4212A**+UI	58CV(A,X)155-22	34,400	23,000	13.7	19.7	1200	875	34,400	4.24	11.6	29,000	2.54
4616870	25VNA036A**30	CSPH*4212A**+UI	58MV(B,C)060-14	34,200	22,800	13.2	19.1	1200	875	34,600	4.14	11.5	29,400	2.48
4616871	25VNA036A**30	CSPH*4212A**+UI	58MV(B,C)080-14	34,000	22,800	13.0	18.7	1200	875	34,800	4.06	11.5	29,600	2.44

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COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cig. Cap. High	Cig. Cap. Low	EER	SEER	ID CFM		High Temp		Low Temp		
								High	Low	E Capacity	E COP	H Capacity	H COP	
4616872	25VNA036A**30	CSPH*4212A**+UI	58MV(B,C)080-20	34,200	22,800	13.2	18.7	1200	875	34,600	4.10	11.5	29,400	2.46
4616873	25VNA036A**30	CSPH*4212A**+UI	58MV(B,C)100-20	34,200	22,800	13.2	18.9	1200	875	34,600	4.12	11.5	29,400	2.48
4616874	25VNA036A**30	CSPH*4212A**+UI	58MV(B,C)120-20	34,200	22,800	13.5	19.1	1200	875	34,600	4.16	11.5	29,200	2.50
4616889	25VNA036A**30	CSPH*4212A**+UI	58MV(B,C)120-20	34,200	22,800	13.2	19.0	1200	875	34,600	4.08	11.5	29,400	2.46
4702049	25VNA036A**30	CSPH*4212A**+UI	59*N*A060V17**14	33,800	22,800	12.6	18.6	1200	875	35,000	3.94	11.5	33,000	2.34
4702050	25VNA036A**30	CSPH*4212A**+UI	59*N*A080V17**14	34,000	22,800	13.0	18.7	1200	875	34,800	4.02	11.5	32,600	2.36
4702051	25VNA036A**30	CSPH*4212A**+UI	59*N*A100V21**20	34,200	22,800	13.2	18.9	1200	875	34,800	4.08	11.5	32,400	2.40
4702052	25VNA036A**30	CSPH*4212A**+UI	59*N*A120V24**22	34,400	22,800	13.5	19.1	1200	875	34,600	4.14	11.5	32,200	2.42
4616886	25VNA036A**30	CSPH*4812A**+UI	58CV(A,X)070-12	34,200	22,800	13.0	19.0	1200	875	34,800	4.10	12.2	29,600	2.46
4616887	25VNA036A**30	CSPH*4812A**+UI	58CV(A,X)090-16	34,400	23,000	13.5	19.5	1200	875	34,600	4.20	12.5	29,200	2.50
4616888	25VNA036A**30	CSPH*4812A**+UI	58CV(A,X)110-20	34,400	23,000	13.5	19.5	1200	875	34,600	4.22	12.5	29,200	2.52
4616889	25VNA036A**30	CSPH*4812A**+UI	58CV(A,X)135-22	34,600	23,000	13.7	19.8	1200	875	34,400	4.26	12.3	29,000	2.54
4616890	25VNA036A**30	CSPH*4812A**+UI	58CV(A,X)155-22	34,600	23,000	13.7	20.0	1200	875	34,400	4.28	12.4	29,000	2.54
4616891	25VNA036A**30	CSPH*4812A**+UI	58MV(B,C)060-14	34,400	23,000	13.2	19.2	1200	875	34,600	4.18	12.2	29,200	2.50
4616892	25VNA036A**30	CSPH*4812A**+UI	58MV(B,C)080-14	34,200	22,800	13.0	18.9	1200	875	34,800	4.10	12.1	29,600	2.46
4616893	25VNA036A**30	CSPH*4812A**+UI	58MV(B,C)080-20	34,200	22,800	13.2	18.9	1200	875	34,600	4.16	12.1	29,400	2.48
4616884	25VNA036A**30	CSPH*4812A**+UI	58MV(B,C)100-20	34,400	22,800	13.2	19.0	1200	875	34,600	4.16	12.2	29,400	2.48
4616885	25VNA036A**30	CSPH*4812A**+UI	58MV(B,C)120-20	34,400	23,000	13.5	19.3	1200	875	34,600	4.20	12.2	29,200	2.50
4616880	25VNA036A**30	CSPH*4812A**+UI	58MV(B,C)040-14	34,200	22,800	13.2	19.1	1200	875	34,800	4.14	12.2	29,400	2.48
4702053	25VNA036A**30	CSPH*4812A**+UI	59*N*A060V17**14	34,000	22,800	12.7	18.8	1200	875	34,000	3.98	12.2	32,800	2.36
4702054	25VNA036A**30	CSPH*4812A**+UI	59*N*A080V17**14	34,200	22,800	13.0	18.9	1200	875	33,800	4.06	12.1	32,600	2.38
4702055	25VNA036A**30	CSPH*4812A**+UI	59*N*A100V21**20	34,200	22,800	13.2	19.0	1200	875	33,600	4.14	12.2	32,400	2.42
4702056	25VNA036A**30	CSPH*4812A**+UI	59*N*A120V24**22	34,400	23,000	13.5	19.3	1200	875	33,200	4.20	11.4	25,200	2.04
4616929	25VNA036A**30	CSPH*6012A**+UI	58CV(A,X)070-12	34,800	23,000	13.2	19.3	1200	875	33,600	4.18	12.4	31,400	2.44
4616930	25VNA036A**30	CSPH*6012A**+UI	58CV(A,X)090-16	35,000	23,200	13.7	19.7	1200	875	33,400	4.28	12.5	31,200	2.48
4616931	25VNA036A**30	CSPH*6012A**+UI	58CV(A,X)110-20	35,200	23,200	14.0	19.7	1200	875	33,400	4.32	12.5	31,000	2.50
4616932	25VNA036A**30	CSPH*6012A**+UI	58CV(A,X)135-22	35,200	23,200	14.2	20.0	1200	875	33,200	4.36	12.5	31,000	2.50
4616933	25VNA036A**30	CSPH*6012A**+UI	58CV(A,X)155-22	35,200	23,200	14.2	20.0	1200	875	33,200	4.38	12.6	30,800	2.52
4616924	25VNA036A**30	CSPH*6012A**+UI	58MV(B,C)060-14	35,000	23,000	13.7	19.4	1200	875	33,400	4.26	12.5	31,200	2.46
4616925	25VNA036A**30	CSPH*6012A**+UI	58MV(B,C)080-14	34,800	23,000	13.2	19.1	1200	875	33,600	4.18	12.3	31,400	2.44
4616926	25VNA036A**30	CSPH*6012A**+UI	58MV(B,C)080-20	35,000	23,000	13.5	19.2	1200	875	33,600	4.22	12.3	31,200	2.46
4616927	25VNA036A**30	CSPH*6012A**+UI	58MV(B,C)100-20	35,000	23,000	13.7	19.3	1200	875	33,400	4.24	12.4	31,200	2.46
4616928	25VNA036A**30	CSPH*6012A**+UI	58MV(B,C)120-20	35,000	23,000	13.7	19.5	1200	875	33,400	4.28	12.4	31,200	2.48
4616923	25VNA036A**30	CSPH*6012A**+UI	58MV(B,C)040-14	35,000	23,000	13.5	19.4	1200	875	33,600	4.22	12.4	31,400	2.46
4702057	25VNA036A**30	CSPH*6012A**+UI	59*N*A060V17**14	34,600	23,000	13.1	19.0	1200	875	33,800	4.06	12.5	32,600	2.40
4702058	25VNA036A**30	CSPH*6012A**+UI	59*N*A080V17**14	34,800	23,000	13.2	19.1	1200	875	33,600	4.14	12.3	32,400	2.44
4702059	25VNA036A**30	CSPH*6012A**+UI	59*N*A100V21**20	35,000	23,000	13.7	19.3	1200	875	33,600	4.22	12.4	32,200	2.46
4702060	25VNA036A**30	CSPH*6012A**+UI	59*N*A120V24**22	35,200	23,200	13.7	19.5	1200	875	33,400	4.28	12.4	32,000	2.48
4616892	25VNA036A**30	FE4AN(B,F)003+UI		33,400	22,600	13.2	19.2	1200	875	35,600	3.78	10.5	29,200	2.42
4616934	25VNA036A**30	FE4AN(B,F)005+UI		35,000	23,000	14.0	20.0	1200	875	33,400	4.28	12.4	31,000	2.48
4616891	25VNA036A**30	FE4ANF002+UI		33,200	22,400	12.7	18.6	1200	875	35,800	3.78	10.5	29,800	2.38
4540691	25VNA048A**30	FE4ANB006+UI		47,500	34,800	13.5	18.3	1500	1100	45,500	4.12	12.5	47,500	2.22
4597090	25VNA048A**30	CAP**4817A**+UI	58CV(A,X)090-16	45,500	33,800	12.4	17.4	1500	1100	45,500	3.82	11.8	48,000	2.14
4597093	25VNA048A**30	CAP**4821A**+UI	58CV(A,X)090-16	45,000	33,600	12.3	17.3	1500	1100	46,000	3.78	11.4	48,500	2.10
4597094	25VNA048A**30	CAP**4821A**+UI	58CV(A,X)110-20	45,000	33,600	12.5	17.4	1500	1100	45,500	3.82	11.4	48,500	2.12
4597091	25VNA048A**30	CAP**4821A**+UI	58MV(B,C)080-20	45,000	33,600	12.0	17.0	1500	1100	46,000	3.72	11.2	48,500	2.10

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COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cig. Cap. High	Cig. Cap. Low	EER	SEER	ID CFM		High Temp		Low Temp		
								High	Low	E Capacity	E COP	H Capacity	H COP	
4597092	25VNA048A**30	CAP**4821A**+UI	58MV(B,C)100-20	45,000	33,600	12.1	17.0	1500	1100	46,000	3.72	11.3	48,500	2.10
4702061	25VNA048A**30	CAP**4821A**+UI	59*N*A100V21**20	44,500	33,400	12.0	17.0	1500	1100	45,500	3.70	11.3	48,500	2.08
4597113	25VNA048A**30	CAP**4823A**+UI	58CV(A,X)110-20	45,000	33,600	12.5	17.4	1500	1100	45,500	3.82	11.4	48,500	2.12
4597111	25VNA048A**30	CAP**4823A**+UI	58MV(B,C)080-20	45,000	33,600	12.0	17.0	1500	1100	46,000	3.72	11.3	48,500	2.10
4597112	25VNA048A**30	CAP**4823A**+UI	58MV(B,C)100-20	45,000	33,600	12.1	17.0	1500	1100	46,000	3.72	11.3	48,500	2.10
4702067	25VNA048A**30	CAP**4823A**+UI	59*N*A100V21**20	44,500	33,400	12.0	17.0	1500	1100	46,000	3.70	11.3	48,500	2.08
4597098	25VNA048A**30	CAP**4824A**+UI	58CV(A,X)110-22	45,000	33,800	12.6	17.5	1500	1100	45,500	3.86	11.4	48,000	2.12
4597099	25VNA048A**30	CAP**4824A**+UI	58CV(A,X)135-22	45,500	33,800	12.8	17.7	1500	1100	45,500	3.90	11.5	48,000	2.14
4597100	25VNA048A**30	CAP**4824A**+UI	58CV(A,X)155-22	45,500	33,800	13.0	17.8	1500	1100	45,500	3.94	11.5	48,000	2.14
4597095	25VNA048A**30	CAP**4824A**+UI	58MV(B,C)080-20	45,000	33,600	12.1	17.0	1500	1100	46,000	3.74	11.3	48,500	2.10
4597096	25VNA048A**30	CAP**4824A**+UI	58MV(B,C)100-20	45,000	33,600	12.2	17.1	1500	1100	46,000	3.76	11.3	48,500	2.10
4597097	25VNA048A**30	CAP**4824A**+UI	58MV(B,C)120-20	45,000	33,600	12.5	17.3	1500	1100	45,500	3.82	11.4	48,500	2.12
4702062	25VNA048A**30	CAP**4824A**+UI	59*N*A100V21**20	45,000	33,600	12.1	17.1	1500	1100	45,500	3.72	11.3	48,500	2.10
4702063	25VNA048A**30	CAP**4824A**+UI	59*N*A120V24**22	45,000	33,600	12.5	17.3	1500	1100	45,500	3.82	11.4	48,500	2.12
4597103	25VNA048A**30	CAP**6021A**+UI	58CV(A,X)090-16	46,000	34,000	12.6	17.5	1500	1100	45,000	3.84	12.0	47,500	2.14
4597104	25VNA048A**30	CAP**6021A**+UI	58CV(A,X)110-20	46,000	34,000	12.8	17.6	1500	1100	45,000	3.88	12.0	47,500	2.16
4597101	25VNA048A**30	CAP**6021A**+UI	58MV(B,C)080-20	46,000	33,800	12.3	17.1	1500	1100	45,500	3.78	11.9	47,500	2.12
4597102	25VNA048A**30	CAP**6021A**+UI	58MV(B,C)100-20	46,000	33,800	12.5	17.2	1500	1100	45,000	3.80	11.9	47,500	2.12
4702064	25VNA048A**30	CAP**6021A**+UI	59*N*A100V21**20	45,500	33,800	12.3	17.2	1500	1100	45,000	3.76	11.9	47,500	2.12
4597108	25VNA048A**30	CAP**6024A**+UI	58CV(A,X)110-20	46,000	34,000	12.8	17.6	1500	1100	45,000	3.92	12.0	47,000	2.16
4597109	25VNA048A**30	CAP**6024A**+UI	58CV(A,X)135-22	46,500	34,000	13.1	17.8	1500	1100	44,500	3.98	12.1	47,000	2.16
4597110	25VNA048A**30	CAP**6024A**+UI	58CV(A,X)155-22	46,500	34,000	13.2	17.9	1500	1100	44,500	4.00	12.1	47,000	2.18
4597105	25VNA048A**30	CAP**6024A**+UI	58MV(B,C)080-20	46,000	33,800	12.4	17.1	1500	1100	45,500	3.80	11.9	47,500	2.12
4597106	25VNA048A**30	CAP**6024A**+UI	58MV(B,C)100-20	46,000	33,800	12.5	17.2	1500	1100	45,000	3.80	11.9	47,500	2.14
4597107	25VNA048A**30	CAP**6024A**+UI	58MV(B,C)120-20	46,000	34,000	12.7	17.4	1500	1100	45,000	3.86	11.9	47,500	2.14
4702065	25VNA048A**30	CAP**6024A**+UI	59*N*A100V21**20	46,000	33,800	12.4	17.2	1500	1100	45,000	3.78	11.9	47,500	2.12
4702066	25VNA048A**30	CAP**6024A**+UI	59*N*A120V24**22	46,000	33,800	12.7	17.4	1500	1100	44,500	3.86	12.0	47,500	2.14
4597179	25VNA048A**30	CAP**6025A**+UI	58CV(A,X)110-20	46,000	34,000	12.8	17.6	1500	1100	45,000	3.92	12.0	47,000	2.16
4597180	25VNA048A**30	CAP**6025A**+UI	58CV(A,X)135-22	46,500	34,000	13.1	17.8	1500	1100	44,500	3.98	12.1	47,000	2.16
4597181	25VNA048A**30	CAP**6025A**+UI	58CV(A,X)155-22	46,500	34,000	13.2	17.9	1500	1100	44,500	4.00	12.1	47,000	2.18
4597176	25VNA048A**30	CAP**6025A**+UI	58MV(B,C)080-20	46,000	33,800	12.4	17.1	1500	1100	45,500	3.78	11.9	47,500	2.12
4597177	25VNA048A**30	CAP**6025A**+UI	58MV(B,C)100-20	46,000	33,800	12.5	17.2	1500	1100	45,000	3.80	11.9	47,500	2.14
4597178	25VNA048A**30	CAP**6025A**+UI	58MV(B,C)120-20	46,000	34,000	12.7	17.4	1500	1100	45,000	3.86	11.9	47,500	2.14
4702068	25VNA048A**30	CAP**6025A**+UI	59*N*A100V21**20	46,000	33,800	12.4	17.2	1500	1100	45,000	3.78	11.9	47,500	2.12
4702069	25VNA048A**30	CAP**6025A**+UI	59*N*A120V24**22	46,000	33,800	12.7	17.4	1500	1100	44,500	3.86	12.0	47,500	2.14
4597133	25VNA048A**30	CNPH*4821A**+UI	58CV(A,X)090-16	45,500	33,800	12.5	17.5	1500	1100	46,500	3.82	11.5	48,500	2.10
4597134	25VNA048A**30	CNPH*4821A**+UI	58CV(A,X)110-20	45,500	33,800	12.6	17.6	1500	1100	46,000	3.86	11.5	48,500	2.10
4597135	25VNA048A**30	CNPH*4821A**+UI	58CV(A,X)135-22	45,500	33,800	12.8	17.7	1500	1100	46,000	3.92	11.6	48,500	2.12
4597136	25VNA048A**30	CNPH*4821A**+UI	58CV(A,X)155-22	45,500	34,000	13.0	17.9	1500	1100	46,000	3.94	11.6	48,500	2.12
4597130	25VNA048A**30	CNPH*4821A**+UI	58MV(B,C)080-20	45,000	33,600	12.1	17.1	1500	1100	46,500	3.74	11.4	49,000	2.08
4597131	25VNA048A**30	CNPH*4821A**+UI	58MV(B,C)100-20	45,000	33,800	12.3	17.2	1500	1100	46,500	3.76	11.4	49,000	2.08
4597132	25VNA048A**30	CNPH*4821A**+UI	58MV(B,C)120-20	45,500	33,800	12.5	17.4	1500	1100	46,000	3.82	11.5	48,500	2.10
4702077	25VNA048A**30	CNPH*4821A**+UI	59*N*A100V21**20	45,000	33,600	12.2	17.2	1500	1100	46,000	3.74	11.4	49,000	2.08
4702078	25VNA048A**30	CNPH*4821A**+UI	59*N*A120V24**22	45,500	33,800	12.5	17.4	1500	1100	46,000	3.82	11.5	48,500	2.10
4597140	25VNA048A**30	CNPH*6024A**+UI	58CV(A,X)090-16	46,000	34,000	12.7	17.6	1500	1100	45,500	3.86	11.9	48,000	2.12
4597141	25VNA048A**30	CNPH*6024A**+UI	58CV(A,X)110-20	46,000	34,000	13.0	17.7	1500	1100	45,500	3.92	11.9	47,500	2.14
4597142	25VNA048A**30	CNPH*6024A**+UI	58CV(A,X)135-22	46,500	34,200	13.1	17.9	1500	1100	45,000	3.96	12.0	47,500	2.16

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COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cig. Cap. High	Cig. Cap. Low	EER	SEER	ID CFM		High Temp		Low Temp	
								High	Low	E Capacity	E COP	H Capacity	H COP
4597143	25VNA048A**30	CNPH*6024A**+UI	58CV(A,X)155-22	46,500	34,200	13.3	18.0	1500	1100	45,000	4.00	47,500	2.16
4597137	25VNA048A**30	CNPH*6024A**+UI	58MV(B,C)080-20	46,000	34,000	12.5	17.3	1500	1100	45,500	3.80	48,000	2.12
4597138	25VNA048A**30	CNPH*6024A**+UI	58MV(B,C)100-20	46,000	34,000	12.5	17.3	1500	1100	45,500	3.82	48,000	2.12
4597139	25VNA048A**30	CNPH*6024A**+UI	58MV(B,C)120-20	46,000	34,000	12.7	17.6	1500	1100	45,500	3.88	48,000	2.14
4702079	25VNA048A**30	CNPH*6024A**+UI	59*N*A100V21**20	46,000	34,200	12.5	17.3	1500	1100	46,500	3.80	48,000	2.10
4702080	25VNA048A**30	CNPH*6024A**+UI	59*N*A120V24**22	46,500	34,200	12.7	17.6	1500	1100	46,000	3.88	47,500	2.12
4597167	25VNA048A**30	CNPH*6124A**+UI	58CV(A,X)090-16	46,500	34,400	12.7	17.6	1500	1100	46,000	3.92	48,000	2.18
4597168	25VNA048A**30	CNPH*6124A**+UI	58CV(A,X)110-20	46,500	34,400	13.0	17.7	1500	1100	46,000	3.96	48,000	2.18
4597169	25VNA048A**30	CNPH*6124A**+UI	58CV(A,X)135-22	47,000	34,600	13.1	17.9	1500	1100	45,500	4.02	47,500	2.20
4597170	25VNA048A**30	CNPH*6124A**+UI	58CV(A,X)155-22	47,000	34,600	13.2	18.0	1500	1100	45,500	4.06	47,500	2.20
4597144	25VNA048A**30	CNPH*6124A**+UI	58MV(B,C)080-20	46,000	34,000	12.5	17.1	1500	1100	45,000	3.84	47,500	2.16
4597165	25VNA048A**30	CNPH*6124A**+UI	58MV(B,C)100-20	46,500	34,400	12.5	17.3	1500	1100	46,000	3.86	48,000	2.16
4597166	25VNA048A**30	CNPH*6124A**+UI	58MV(B,C)120-20	46,500	34,400	12.7	17.5	1500	1100	46,000	3.92	48,000	2.18
4702081	25VNA048A**30	CNPH*6124A**+UI	59*N*A100V21**20	46,500	34,200	12.5	17.3	1500	1100	46,000	3.82	48,000	2.16
4702082	25VNA048A**30	CNPH*6124A**+UI	59*N*A120V24**22	46,500	34,400	12.7	17.5	1500	1100	45,500	3.92	48,000	2.18
4597116	25VNA048A**30	CNPV*4821A**+UI	58CV(A,X)090-16	45,500	33,800	12.5	17.5	1500	1100	46,500	3.82	48,500	2.10
4597117	25VNA048A**30	CNPV*4821A**+UI	58CV(A,X)110-20	45,500	33,800	12.6	17.6	1500	1100	46,500	3.86	48,500	2.10
4597118	25VNA048A**30	CNPV*4821A**+UI	58MV(B,C)080-20	45,000	33,600	12.1	17.1	1500	1100	46,500	3.74	49,000	2.08
4597119	25VNA048A**30	CNPV*4821A**+UI	58MV(B,C)100-20	45,000	33,600	12.3	17.2	1500	1100	46,500	3.76	49,000	2.08
4597120	25VNA048A**30	CNPV*4821A**+UI	58MV(B,C)120-20	45,500	33,800	12.5	17.4	1500	1100	46,000	3.82	48,500	2.10
4702071	25VNA048A**30	CNPV*4824A**+UI	59*N*A100V21**20	45,000	33,600	12.2	17.2	1500	1100	46,000	3.74	49,000	2.08
4702072	25VNA048A**30	CNPV*4824A**+UI	59*N*A120V24**22	45,500	33,800	12.5	17.4	1500	1100	46,000	3.82	48,500	2.10
4597127	25VNA048A**30	CNPV*6024A**+UI	58CV(A,X)110-20	46,000	34,000	13.0	17.7	1500	1100	45,500	3.92	47,500	2.14
4597128	25VNA048A**30	CNPV*6024A**+UI	58CV(A,X)135-22	46,500	34,200	13.1	17.9	1500	1100	45,000	3.96	47,500	2.16
4597129	25VNA048A**30	CNPV*6024A**+UI	58CV(A,X)155-22	46,500	34,200	13.3	18.0	1500	1100	45,000	4.00	47,500	2.16
4597124	25VNA048A**30	CNPV*6024A**+UI	58MV(B,C)080-20	46,000	34,000	12.5	17.3	1500	1100	45,500	3.80	48,000	2.12
4597125	25VNA048A**30	CNPV*6024A**+UI	58MV(B,C)100-20	46,000	34,000	12.5	17.3	1500	1100	45,500	3.82	48,000	2.12
4597126	25VNA048A**30	CNPV*6024A**+UI	58MV(B,C)120-20	46,000	34,000	12.7	17.6	1500	1100	45,500	3.88	48,000	2.14
4702073	25VNA048A**30	CNPV*6024A**+UI	59*N*A100V21**20	46,000	34,200	12.5	17.3	1500	1100	46,500	3.80	48,000	2.10
4702074	25VNA048A**30	CNPV*6024A**+UI	59*N*A120V24**22	46,500	34,200	12.7	17.6	1500	1100	46,000	3.88	47,500	2.12
4597162	25VNA048A**30	CNPV*6124A**+UI	58CV(A,X)110-20	47,000	34,800	13.1	18.1	1500	1100	46,000	4.02	48,000	2.20
4597163	25VNA048A**30	CNPV*6124A**+UI	58CV(A,X)135-22	47,500	34,800	13.3	18.3	1500	1100	46,000	4.08	48,000	2.20
4597164	25VNA048A**30	CNPV*6124A**+UI	58CV(A,X)155-22	47,500	34,800	13.5	18.4	1500	1100	46,000	4.12	47,500	2.22
4597159	25VNA048A**30	CNPV*6124A**+UI	58MV(B,C)080-20	47,000	34,600	12.6	17.6	1500	1100	46,500	3.90	48,500	2.16
4597160	25VNA048A**30	CNPV*6124A**+UI	58MV(B,C)100-20	47,000	34,600	12.7	17.7	1500	1100	46,500	3.92	48,500	2.18
4597161	25VNA048A**30	CNPV*6124A**+UI	58MV(B,C)120-20	47,000	34,600	13.0	17.9	1500	1100	46,500	3.98	48,000	2.18
4702075	25VNA048A**30	CNPV*6124A**+UI	59*N*A100V21**20	47,000	34,600	12.7	17.7	1500	1100	46,000	3.90	48,500	2.16
4702076	25VNA048A**30	CNPV*6124A**+UI	59*N*A120V24**22	47,000	34,600	13.0	17.9	1500	1100	46,000	4.00	48,000	2.18
4597148	25VNA048A**30	CSPH*4812A**+UI	58CV(A,X)090-16	45,500	34,000	12.5	17.5	1500	1100	46,500	3.84	48,500	2.12
4597149	25VNA048A**30	CSPH*4812A**+UI	58CV(A,X)110-20	45,500	34,000	12.6	17.5	1500	1100	46,000	3.86	48,500	2.14
4597150	25VNA048A**30	CSPH*4812A**+UI	58CV(A,X)135-22	46,000	34,000	12.8	17.7	1500	1100	46,000	3.92	48,500	2.14

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COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cig. Cap. High	Cig. Cap. Low	EER	SEER	ID CFM		High Temp		Low Temp		
								High	Low	E Capacity	E COP	H Capacity	H COP	
4597151	25VNA048A**30	CSPH*4812A***+UI	58CV(A,X)155-22	46,000	34,200	13.0	17.8	1500	1100	46,000	3.96	11.7	48,500	2.16
4597145	25VNA048A**30	CSPH*4812A***+UI	58MV(B,C)080-20	45,500	33,800	12.1	17.1	1500	1100	46,500	3.76	11.5	49,000	2.10
4597146	25VNA048A**30	CSPH*4812A***+UI	58MV(B,C)100-20	45,500	34,000	12.5	17.2	1500	1100	46,500	3.78	11.6	49,000	2.10
4597147	25VNA048A**30	CSPH*4812A***+UI	58MV(B,C)120-20	45,500	34,000	12.5	17.4	1500	1100	46,500	3.84	11.6	48,500	2.12
4702083	25VNA048A**30	CSPH*4812A***+UI	59*N*A100V21**20	45,500	33,800	12.1	17.2	1500	1100	46,000	3.74	11.6	49,000	2.10
4702084	25VNA048A**30	CSPH*4812A***+UI	59*N*A120V24**22	45,500	34,000	12.5	17.4	1500	1100	46,000	3.84	11.6	48,500	2.12
4597155	25VNA048A**30	CSPH*6012A***+UI	58CV(A,X)090-16	46,500	34,200	12.8	17.6	1500	1100	45,500	3.90	12.1	48,000	2.18
4597156	25VNA048A**30	CSPH*6012A***+UI	58CV(A,X)110-20	46,500	34,200	13.0	17.7	1500	1100	45,500	3.96	12.2	47,500	2.18
4597157	25VNA048A**30	CSPH*6012A***+UI	58CV(A,X)135-22	46,500	34,400	13.2	17.9	1500	1100	45,000	4.02	12.2	47,500	2.20
4597158	25VNA048A**30	CSPH*6012A***+UI	58CV(A,X)155-22	46,500	34,400	13.3	18.1	1500	1100	45,000	4.08	12.3	47,500	2.20
4597152	25VNA048A**30	CSPH*6012A***+UI	58MV(B,C)080-20	46,000	34,200	12.5	17.3	1500	1100	45,500	3.84	12.0	48,000	2.16
4597153	25VNA048A**30	CSPH*6012A***+UI	58MV(B,C)100-20	46,000	34,200	12.5	17.4	1500	1100	45,500	3.86	12.1	48,000	2.16
4597154	25VNA048A**30	CSPH*6012A***+UI	58MV(B,C)120-20	46,500	34,200	12.8	17.6	1500	1100	45,500	3.92	12.1	47,500	2.18
4702085	25VNA048A**30	CSPH*6012A***+UI	59*N*A100V21**20	46,500	34,400	12.5	17.4	1500	1100	46,500	3.86	12.0	48,500	2.14
4702086	25VNA048A**30	CSPH*6012A***+UI	59*N*A120V24**22	46,500	34,400	12.8	17.6	1500	1100	46,000	3.96	12.0	48,500	2.16
4597171	25VNA048A**30	FE4AN(B,F)005+UI		46,500	34,400	13.0	17.9	1500	1100	46,500	3.94	11.5	47,500	2.14
4539516	25VNA060A**30	TFE4ANB006+UI		56,000	38,000	12.7	18.0	1500	1100	55,500	3.86	12.0	52,500	2.22
4602930	25VNA060A**30	CAP**6021A***+UI	58CV(A,X)110-20	54,500	37,600	12.1	17.5	1500	1100	55,500	3.68	11.2	50,000	2.22
4602928	25VNA060A**30	CAP**6021A***+UI	58MV(B,C)080-20	54,500	37,600	11.8	17.1	1500	1100	56,000	3.58	11.0	50,500	2.18
4602929	25VNA060A**30	CAP**6021A***+UI	58MV(B,C)100-20	54,500	37,600	11.8	17.2	1500	1100	56,000	3.58	11.0	50,000	2.18
4702087	25VNA060A**30	CAP**6021A***+UI	59*N*A100V21**20	55,500	38,500	11.6	17.1	1500	1100	57,000	3.76	11.0	53,000	2.24
4602932	25VNA060A**30	CAP**6024A***+UI	58CV(A,X)135-22	55,000	37,800	12.3	17.7	1500	1100	55,000	3.74	11.4	49,500	2.24
4602933	25VNA060A**30	CAP**6024A***+UI	58CV(A,X)155-22	55,000	37,800	12.5	17.8	1500	1100	55,000	3.78	11.4	49,500	2.24
4602931	25VNA060A**30	CAP**6024A***+UI	58MV(B,C)120-20	54,500	37,600	12.0	17.4	1500	1100	55,500	3.66	11.1	50,000	2.20
4702088	25VNA060A**30	CAP**6024A***+UI	59*N*A100V21**20	55,500	38,500	11.6	17.1	1500	1100	57,000	3.54	11.1	50,500	2.18
4702089	25VNA060A**30	CAP**6024A***+UI	59*N*A120V24**22	55,500	39,000	12.0	17.4	1500	1100	57,000	3.56	11.1	50,500	2.18
4602935	25VNA060A**30	CAP**6025A***+UI	58CV(A,X)135-22	55,000	37,800	12.3	17.7	1500	1100	55,000	3.74	11.4	49,500	2.24
4602936	25VNA060A**30	CAP**6025A***+UI	58CV(A,X)155-22	55,000	37,800	12.5	17.8	1500	1100	55,000	3.78	11.4	49,500	2.24
4602934	25VNA060A**30	CAP**6025A***+UI	58MV(B,C)120-20	54,500	37,600	12.0	17.4	1500	1100	55,500	3.66	11.1	50,000	2.20
4702090	25VNA060A**30	CAP**6025A***+UI	59*N*A100V21**20	55,500	38,500	11.6	17.1	1500	1100	56,500	3.64	11.2	50,000	2.22
4702091	25VNA060A**30	CAP**6025A***+UI	59*N*A120V24**22	55,500	39,000	12.0	17.4	1500	1100	57,000	3.56	11.1	50,500	2.18
4602945	25VNA060A**30	CNPH*6024A***+UI	58CV(A,X)110-20	54,500	37,600	12.2	17.6	1500	1100	55,500	3.70	11.2	50,000	2.20
4602946	25VNA060A**30	CNPH*6024A***+UI	58CV(A,X)135-22	54,500	37,600	12.4	17.8	1500	1100	55,000	3.74	11.4	49,500	2.22
4602947	25VNA060A**30	CNPH*6024A***+UI	58CV(A,X)155-22	54,500	37,600	12.5	17.8	1500	1100	55,000	3.78	11.4	49,500	2.24
4602942	25VNA060A**30	CNPH*6024A***+UI	58MV(B,C)080-20	54,000	37,400	11.8	17.2	1500	1100	56,000	3.58	11.0	50,500	2.18
4602943	25VNA060A**30	CNPH*6024A***+UI	58MV(B,C)100-20	54,000	37,400	11.9	17.2	1500	1100	56,000	3.60	11.0	50,500	2.18
4602944	25VNA060A**30	CNPH*6024A***+UI	58MV(B,C)120-20	54,000	37,400	12.1	17.4	1500	1100	55,500	3.66	11.1	50,000	2.20
4702096	25VNA060A**30	CNPH*6024A***+UI	59*N*A100V21**20	55,500	39,000	11.7	17.2	1500	1100	55,500	3.70	11.0	52,500	2.18
4702097	25VNA060A**30	CNPH*6024A***+UI	59*N*A120V24**22	55,500	39,000	12.0	17.4	1500	1100	57,500	3.58	11.1	51,000	2.16
4602951	25VNA060A**30	CNPH*6124A***+UI	58CV(A,X)110-20	55,000	37,800	12.2	17.5	1500	1100	55,000	3.72	11.6	52,500	2.18
4602952	25VNA060A**30	CNPH*6124A***+UI	58CV(A,X)135-22	55,000	38,000	12.4	17.7	1500	1100	55,000	3.76	11.7	52,500	2.18
4602953	25VNA060A**30	CNPH*6124A***+UI	58CV(A,X)155-22	55,000	38,000	12.5	17.8	1500	1100	54,500	3.80	11.7	52,500	2.20
4602948	25VNA060A**30	CNPH*6124A***+UI	58MV(B,C)080-20	54,500	37,800	11.8	17.1	1500	1100	55,500	3.60	11.4	53,000	2.14
4602949	25VNA060A**30	CNPH*6124A***+UI	58MV(B,C)100-20	54,500	37,800	11.9	17.2	1500	1100	55,500	3.62	11.5	53,000	2.14
4602950	25VNA060A**30	CNPH*6124A***+UI	58MV(B,C)120-20	55,000	37,800	12.1	17.4	1500	1100	55,500	3.68	11.6	53,000	2.16
4702098	25VNA060A**30	CNPH*6124A***+UI	59*N*A100V21**20	56,000	39,000	11.7	17.2	1500	1100	60,000	3.66	11.4	51,500	2.16

See notes on page 32



COMBINATION RATINGS CONTINUED

AHRI Ref. No.	Model Number	Coil Model Number	Furnace Model Number	Cig. Cap. High	Cig. Cap. Low	EER	SEER	ID CFM		High Temp		Low Temp	
								High	Low	E Capacity	E COP	H Capacity	H COP
4702099	25VNA060A**30	CNPH*6124A**+UI	59*N*A120V24**22	56,500	39,500	12.1	17.4	1500	1100	58,000	3.62	54,000	2.14
4602961	25VNA060A**30	CNPV*6024A**+UI	58CV(A,X)110-20	56,000	39,000	12.0	17.6	1500	1100	57,000	3.60	54,000	2.10
4602938	25VNA060A**30	CNPV*6024A**+UI	58CV(A,X)135-22	55,000	37,800	12.4	17.8	1500	1100	56,000	3.76	50,000	2.22
4602939	25VNA060A**30	CNPV*6024A**+UI	58CV(A,X)155-22	55,000	38,000	12.5	18.0	1500	1100	55,500	3.78	50,000	2.24
4602959	25VNA060A**30	CNPV*6024A**+UI	58MV(B,C)080-20	55,500	39,000	11.7	17.2	1500	1100	55,500	3.86	52,500	2.22
4602960	25VNA060A**30	CNPV*6024A**+UI	58MV(B,C)100-20	55,500	39,000	11.7	17.2	1500	1100	57,500	3.58	54,000	2.10
4602937	25VNA060A**30	CNPV*6024A**+UI	58MV(B,C)120-20	54,500	37,800	12.1	17.5	1500	1100	56,500	3.66	50,500	2.20
4702092	25VNA060A**30	CNPV*6024A**+UI	59*N*A100V21**20	55,500	39,000	11.7	17.2	1500	1100	55,000	3.60	49,500	2.20
4702093	25VNA060A**30	CNPV*6024A**+UI	59*N*A120V24**22	55,500	39,000	12.0	17.5	1500	1100	57,500	3.58	51,000	2.16
4602964	25VNA060A**30	CNPV*6124A**+UI	58CV(A,X)110-20	56,500	39,500	12.2	17.8	1500	1100	56,500	3.66	53,500	2.16
4602941	25VNA060A**30	CNPV*6124A**+UI	58CV(A,X)135-22	55,500	38,000	12.5	18.1	1500	1100	55,500	3.84	52,500	2.20
4602926	25VNA060A**30	CNPV*6124A**+UI	58CV(A,X)155-22	55,500	38,500	12.5	18.2	1500	1100	55,500	3.88	52,500	2.22
4602962	25VNA060A**30	CNPV*6124A**+UI	58MV(B,C)080-20	56,500	39,500	11.9	17.4	1500	1100	57,500	3.68	53,500	2.14
4602963	25VNA060A**30	CNPV*6124A**+UI	58MV(B,C)100-20	56,500	39,500	11.9	17.5	1500	1100	57,000	3.66	53,500	2.16
4602940	25VNA060A**30	CNPV*6124A**+UI	58MV(B,C)120-20	55,500	38,000	12.3	17.8	1500	1100	56,000	3.74	53,000	2.18
4702094	25VNA060A**30	CNPV*6124A**+UI	59*N*A100V21**20	56,500	39,500	11.9	17.5	1500	1100	59,000	3.66	51,500	2.16
4702095	25VNA060A**30	CNPV*6124A**+UI	59*N*A120V24**22	57,000	39,500	12.2	17.7	1500	1100	58,500	3.68	54,000	2.16
4602956	25VNA060A**30	CSPH*6012A**+UI	58CV(A,X)110-20	54,500	37,800	12.3	17.6	1500	1100	55,500	3.74	49,500	2.24
4602957	25VNA060A**30	CSPH*6012A**+UI	58CV(A,X)135-22	55,000	37,800	12.4	17.8	1500	1100	55,000	3.78	49,500	2.26
4602958	25VNA060A**30	CSPH*6012A**+UI	58CV(A,X)155-22	55,000	37,800	12.5	17.8	1500	1100	55,000	3.82	49,500	2.28
4602927	25VNA060A**30	CSPH*6012A**+UI	58MV(B,C)080-20	54,500	37,600	11.8	17.2	1500	1100	56,000	3.62	50,500	2.20
4602954	25VNA060A**30	CSPH*6012A**+UI	58MV(B,C)100-20	54,500	37,600	11.9	17.2	1500	1100	55,500	3.64	50,000	2.22
4602955	25VNA060A**30	CSPH*6012A**+UI	58MV(B,C)120-20	54,500	37,600	12.1	17.4	1500	1100	55,500	3.70	50,000	2.24
4702100	25VNA060A**30	CSPH*6012A**+UI	59*N*A100V21**20	56,000	39,000	11.8	17.2	1500	1100	54,500	3.60	52,000	2.16
4702101	25VNA060A**30	CSPH*6012A**+UI	59*N*A120V24**22	56,000	39,000	12.1	17.4	1500	1100	57,500	3.62	50,500	2.20

† 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.

COP — Coefficient of Performance

EER — Energy Efficiency Ratio

HSPF — Heating Seasonal Performance Factor

SEER — Seasonal Energy Efficiency Ratio

TDR — Time-Delay Relay

UI — User Interface

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

DETAILED COOLING CAPACITIES#

EVAP AIR	CONDENSER ENTERING AIR TEMPERATURES ° F (° C)																							
	75 (23.9)				85 (29.4)				95 (35)				105 (40.6)				115 (46.1)				125 (51.7)			
	ID SCFM	Capacity MBtuh		Total Sys. KW	ID SCFM	Capacity MBtuh		Total Sys. KW	ID SCFM	Capacity MBtuh		Total Sys. KW	ID SCFM	Capacity MBtuh		Total Sys. KW	ID SCFM	Capacity MBtuh		Total Sys. KW	ID SCFM	Capacity MBtuh		Total Sys. KW
EWB °F (°C)																								
57 (13.9)		25.34	25.34	1.12		24.27	24.27	1.35		23.45	23.45	1.61		21.13	21.13	1.83		21.12	21.12	2.16		19.31	19.31	2.57
62 (16.7)		25.38	25.38	1.12		24.32	24.32	1.35		23.49	23.49	1.61		21.17	21.17	1.83		21.15	21.15	2.16		19.35	19.35	2.57
63 (17.2)††	887	25.61	20.12	1.12	875	24.34	19.46	1.35	900	23.14	19.20	1.61	751	21.25	16.90	1.83	825	20.71	17.42	2.17		19.24	15.63	2.58
67 (19.4)		27.83	21.10	1.08		26.48	20.43	1.31		25.20	20.20	1.57		23.17	17.75	1.79		22.61	18.36	2.13		21.06	16.46	2.52
72 (22.2)		31.03	16.89	1.03		29.55	16.29	1.28		28.16	15.95	1.53		25.94	14.21	1.74		25.36	14.49	2.06		23.87	13.14	2.46

EVAP AIR	CONDENSER ENTERING AIR TEMPERATURES ° F (° C)																							
	75 (23.9)				85 (29.4)				95 (35)				105 (40.6)				115 (46.1)				125 (51.7)			
	ID SCFM	Capacity MBtuh		Total Sys. KW	ID SCFM	Capacity MBtuh		Total Sys. KW	ID SCFM	Capacity MBtuh		Total Sys. KW	ID SCFM	Capacity MBtuh		Total Sys. KW	ID SCFM	Capacity MBtuh		Total Sys. KW	ID SCFM	Capacity MBtuh		Total Sys. KW
EWB °F (°C)																								
57 (13.9)		15.41	15.41	0.58		14.77	14.77	0.70		14.10	14.10	0.84		16.29	16.29	1.32		17.84	17.84	1.91		17.53	17.53	2.35
62 (16.7)		15.43	15.43	0.58		14.80	14.80	0.70		14.12	14.12	0.84		16.39	14.79	1.31		18.40	15.64	1.90		17.99	15.47	2.34
63 (17.2)††	500	15.55	11.42	0.57	500	14.74	11.10	0.70	500	13.88	10.76	0.85	500	16.71	11.88	1.31	500	18.82	12.73	1.89	500	18.41	12.56	2.33
67 (19.4)		16.90	11.97	0.55		16.04	11.65	0.68		15.13	11.32	0.82		18.23	12.45	1.27		20.54	13.33	1.85		20.14	13.17	2.29
72 (22.2)		18.84	9.56	0.51		17.90	9.25	0.64		16.82	8.93	0.79		20.39	10.09	1.23		23.02	10.99	1.80		22.63	10.86	2.23

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL			CAPACITY	POWER	FURNACE MODEL		
				MODEL	POWER	MODEL					
*FE4ANB006	1.00	1.00	58CV(A.X)090-16	CNPH*4221A**	0.97	1.03	58CV(A.X)090-16	CNPH*6024A**	0.99	1.02	58CV(A.X)110-20
FE4AN(B,F)003	0.97	1.03	58CV(A.X)090-16	CNPH*4321A**	0.99	1.01	58CV(A.X)090-16	CNPH*6124A**	0.99	1.02	58CV(A.X)110-20
FE4AN(B,F)005	0.98	1.05	58CV(A.X)090-16	CNPH*4821A**	0.98	1.02	58CV(A.X)090-16	CNPH*3621A**	0.96	1.05	58CV(A.X)110-20
FE4ANF002	0.96	1.05	58CV(A.X)090-16	CNPH*6024A**	0.99	1.02	58CV(A.X)090-16	CNPV*4221A**	0.97	1.03	58CV(A.X)110-20
CAP**3617A**	0.95	1.06	58CV(A.X)070-12	CNPH*6124A**	0.99	1.02	58CV(A.X)090-16	CNPH*4324A**	0.99	1.02	58CV(A.X)110-20
CAP**3617A**	0.96	1.05	58CV(A.X)070-12	CNPV*3617A**	0.96	1.05	58CV(A.X)090-16	CNPH*4821A**	0.98	1.02	58CV(A.X)110-20
CAP**4817A**	0.98	1.04	58CV(A.X)070-12	CNPV*3621A**	0.96	1.04	58CV(A.X)090-16	CNPV*4824A**	0.98	1.02	58CV(A.X)110-20
CNPH*3617A**	0.95	1.05	58CV(A.X)070-12	CNPV*3717A**	0.99	1.02	58CV(A.X)090-16	CNPH*6024A**	0.99	1.02	58CV(A.X)110-20
CNPH*4221A**	0.97	1.05	58CV(A.X)070-12	CNPV*4217A**	0.98	1.03	58CV(A.X)090-16	CNPH*6124A**	1.00	1.01	58CV(A.X)110-20
CNPH*4321A**	0.99	1.03	58CV(A.X)070-12	CNPV*4221A**	0.97	1.03	58CV(A.X)090-16	CSPH*3612A**	0.98	1.03	58CV(A.X)110-20
CNPH*4821A**	0.98	1.04	58CV(A.X)070-12	CNPV*4821A**	0.98	1.02	58CV(A.X)090-16	CSPH*4212A**	0.98	1.03	58CV(A.X)110-20
CNPH*6024A**	0.98	1.04	58CV(A.X)070-12	CSPH*3612A**	0.98	1.02	58CV(A.X)090-16	CSPH*4812A**	0.99	1.03	58CV(A.X)110-20
CNPH*6124A**	0.99	1.04	58CV(A.X)070-12	CSPH*4212A**	0.98	1.02	58CV(A.X)090-16	CSPH*6012A**	0.99	1.02	58CV(A.X)110-20
CNPV*3617A**	0.95	1.05	58CV(A.X)070-12	CSPH*4812A**	0.99	1.02	58CV(A.X)090-16	CAP**4224A**	0.97	1.01	58CV(A.X)135-22
CNPV*3717A**	0.99	1.04	58CV(A.X)070-12	CAP**3621A**	0.96	1.02	58CV(A.X)110-20	CAP**4824A**	0.98	1.02	58CV(A.X)135-22
CNPV*4217A**	0.98	1.05	58CV(A.X)070-12	CAP**4221A**	0.97	1.03	58CV(A.X)110-20	CAP**6024A**	0.98	1.01	58CV(A.X)135-22
CNPV*4812A**	0.98	1.04	58CV(A.X)070-12	CAP**4824A**	0.98	1.02	58CV(A.X)110-20	CAP**6025A**	0.98	1.01	58CV(A.X)135-22
CSPH*4212A**	0.98	1.04	58CV(A.X)070-12	CAP**6021A**	0.97	1.03	58CV(A.X)110-20	CNPH*3617A**	1.04	1.04	58CV(A.X)135-22
CSPH*4812A**	0.98	1.04	58CV(A.X)070-12	CAP**6021A**	0.97	1.03	58CV(A.X)110-20	CNPH*421A**	1.03	1.03	58CV(A.X)135-22
CSPH*6012A**	0.99	1.04	58CV(A.X)070-12	CAP**4823A**	0.98	1.02	58CV(A.X)110-20	CNPH*4321A**	1.00	1.01	58CV(A.X)135-22
CAP**3617A**	0.96	1.03	58CV(A.X)090-16	CAP**4824A**	0.98	1.02	58CV(A.X)110-20	CNPH*4821A**	0.98	1.01	58CV(A.X)135-22
CAP**3619A**	0.96	1.03	58CV(A.X)090-16	CAP**6021A**	0.98	1.02	58CV(A.X)110-20	CNPH*6024A**	0.99	1.01	58CV(A.X)135-22
CAP**3619A**	0.96	1.03	58CV(A.X)090-16	CAP**6021A**	0.98	1.02	58CV(A.X)110-20	CNPH*6124A**	0.99	1.01	58CV(A.X)135-22
CAP**4221A**	0.97	1.03	58CV(A.X)090-16	CAP**6025A**	0.98	1.02	58CV(A.X)110-20	CNPH*6124A**	1.00	1.00	58CV(A.X)135-22
CAP**4817A**	0.99	1.02	58CV(A.X)090-16	CNPH*3617A**	0.96	1.05	58CV(A.X)110-20	CNPH*4824A**	0.99	1.01	58CV(A.X)135-22
CAP**4821A**	0.98	1.03	58CV(A.X)090-16	CNPH*4221A**	0.97	1.03	58CV(A.X)110-20	CNPH*6024A**	0.99	1.01	58CV(A.X)135-22
CAP**6021A**	0.98	1.02	58CV(A.X)090-16	CNPH*4321A**	0.99	1.02	58CV(A.X)110-20	CNPH*6124A**	1.00	1.00	58CV(A.X)135-22
CNPH*3617A**	0.96	1.05	58CV(A.X)090-16	CNPH*4821A**	0.98	1.02	58CV(A.X)110-20	CSPH*3612A**	0.98	1.03	58CV(A.X)135-22

DETAILED COOLING CAPACITIES# CONTINUED

25VNA024A**30 Outdoor Section With FE4ANB006 Indoor Section

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CNPV*4221A**	0.96	1.04	59*N*A080V17**14
CNPV*4821A**	0.97	1.03	59*N*A080V17**14
CSPH*3612A**	0.98	1.03	59*N*A080V17**14
CSPH*4212A**	0.98	1.03	59*N*A080V17**14
CSPH*4812A**	0.98	1.04	59*N*A080V17**14
CSPH*6012A**	0.98	1.02	59*N*A080V17**14
CAP**3617A**	0.96	1.05	59*N*A080V17**14
CAP**3621A**	0.96	1.05	59*N*A080V17**14
CAP**4817A**	0.98	1.03	59*N*A080V17**14
CAP**4821A**	0.98	1.04	59*N*A080V17**14
CAP**6021A**	0.98	1.03	59*N*A080V17**14
CNPH*3617A**	0.96	1.07	59*N*A080V17**14
CNPH*4221A**	0.96	1.05	59*N*A080V17**14
CNPH*4321A**	0.99	1.04	59*N*A080V17**14
CNPH*4821A**	0.98	1.03	59*N*A080V17**14
CNPH*6024A**	0.98	1.04	59*N*A080V17**14
CNPH*6124A**	0.98	1.04	59*N*A080V17**14
CNPV*3617A**	0.96	1.06	59*N*A080V17**14
CNPV*3621A**	0.96	1.07	59*N*A080V17**14
CNPV*3717A**	0.99	1.03	59*N*A080V17**14
CNPV*4217A**	0.97	1.03	59*N*A080V17**14
CNPV*4221A**	0.96	1.05	59*N*A080V17**14
CNPV*4821A**	0.98	1.03	59*N*A080V17**14
CSPH*3612A**	0.98	1.06	59*N*A080V17**14
CSPH*4212A**	0.98	1.05	59*N*A080V17**14
CSPH*4812A**	0.98	1.04	59*N*A080V17**14
CSPH*6012A**	0.99	1.04	59*N*A080V17**14
CAP**3821A**	0.96	1.05	59*N*A100V21**20
CAP**4221A**	0.97	1.05	59*N*A100V21**20
CAP**4224A**	0.97	1.04	59*N*A100V21**20
CAP**4821A**	0.98	1.03	59*N*A100V21**20
CAP**4824A**	0.98	1.04	59*N*A100V21**20
CAP**6021A**	0.98	1.04	59*N*A100V21**20
CAP**6024A**	0.98	1.06	59*N*A100V21**20
CNPH*4221A**	0.97	1.05	59*N*A100V21**20
CNPH*4321A**	0.99	1.03	59*N*A100V21**20
CNPH*4821A**	0.98	1.04	59*N*A100V21**20
CNPH*6024A**	0.98	1.03	59*N*A100V21**20
CNPH*6124A**	0.98	1.04	59*N*A100V21**20
CNPV*4221A**	0.97	1.05	59*N*A100V21**20
CNPV*4324A**	0.99	1.02	59*N*A100V21**20
CNPV*4821A**	0.98	1.04	59*N*A100V21**20
CNPV*4824A**	0.98	1.04	59*N*A100V21**20
CNPV*6024A**	0.98	1.03	59*N*A100V21**20
CNPV*6124A**	0.99	1.02	59*N*A100V21**20
CSPH*3612A**	0.98	1.04	59*N*A100V21**20
CSPH*4212A**	0.98	1.04	59*N*A100V21**20
CSPH*4812A**	0.98	1.04	59*N*A100V21**20
CSPH*6012A**	0.99	1.04	59*N*A100V21**20
CAP**4224A**	0.97	1.03	59*N*A120V24**22
CAP**4824A**	0.98	1.03	59*N*A120V24**22
CAP**6024A**	0.98	1.03	59*N*A120V24**22
CNPH*4221A**	0.97	1.05	59*N*A120V24**22
CNPH*4321A**	0.99	1.02	59*N*A120V24**22
CNPH*4821A**	0.98	1.02	59*N*A120V24**22

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CNPH*6024A**	0.98	1.02	59*N*A120V24**22
CNPV*6124A**	0.99	1.03	59*N*A120V24**22
CNPV*4324A**	0.99	1.01	59*N*A120V24**22
CNPV*4824A**	0.98	1.02	59*N*A120V24**22
CNPV*6024A**	0.98	1.02	59*N*A120V24**22
CNPV*6124A**	1.00	1.01	59*N*A120V24**22
CSPH*3612A**	0.98	1.03	59*N*A120V24**22
CSPH*4212A**	0.98	1.03	59*N*A120V24**22
CSPH*4812A**	0.98	1.02	59*N*A120V24**22
CSPH*6012A**	0.99	1.02	59*N*A120V24**22

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DETAILED COOLING CAPACITIES# CONTINUED

EVAP AIR EWB °F (°C)	CONDENSER ENTERING AIR TEMPERATURES °F (°C)																							
	75 (23.9)				85 (29.4)				95 (35)				105 (40.6)				115 (46.1)				125 (51.7)			
	ID SCFM	Capacity MBtuh		Total Sys. KW	ID SCFM	Capacity MBtuh		Total Sys. KW	ID SCFM	Capacity MBtuh		Total Sys. KW	ID SCFM	Capacity MBtuh		Total Sys. KW	ID SCFM	Capacity MBtuh		Total Sys. KW	ID SCFM	Capacity MBtuh		Total Sys. KW
57 (13.9)		35.98	34.03	1.83		34.03	34.03	2.12		32.35	32.35	2.46		30.32	30.32	2.83		28.15	28.15	3.25		25.40	25.40	3.71
62 (16.7)		36.04	34.09	1.83		34.09	34.09	2.12		32.40	32.40	2.46		30.37	30.37	2.83		28.19	28.19	3.25		25.44	25.44	3.70
63 (17.2)††	1325	36.10	34.19	1.83	1240	34.19	27.82	2.12	1200	32.33	26.63	2.46	1120	30.31	24.97	2.83	1035	28.14	23.19	3.25	900	25.62	20.72	3.70
67 (19.4)		39.00	36.98	1.79		36.98	29.12	2.07		35.00	27.90	2.41		32.86	26.18	2.79		30.58	24.34	3.20		27.90	21.76	3.65
72 (22.2)		43.06	40.86	1.74		40.86	23.02	2.02		38.71	22.00	2.36		36.41	20.68	2.72		33.96	19.27	3.13		31.07	17.37	3.58

25VNA036A**30 Outdoor Section With FE4ANB006 Indoor Section - Maximum

EVAP AIR EWB °F (°C)	CONDENSER ENTERING AIR TEMPERATURES °F (°C)																							
	75 (23.9)				85 (29.4)				95 (35)				105 (40.6)				115 (46.1)				125 (51.7)			
	ID SCFM	Capacity MBtuh		Total Sys. KW	ID SCFM	Capacity MBtuh		Total Sys. KW	ID SCFM	Capacity MBtuh		Total Sys. KW	ID SCFM	Capacity MBtuh		Total Sys. KW	ID SCFM	Capacity MBtuh		Total Sys. KW	ID SCFM	Capacity MBtuh		Total Sys. KW
57 (13.9)		14.31	13.73	0.60		13.73	13.73	0.74		13.07	13.07	0.89		15.18	15.18	1.45		16.65	16.65	2.20		16.69	16.69	2.78
62 (16.7)		14.31	13.75	0.60		13.75	13.75	0.74		13.11	13.11	0.89		15.27	15.14	1.45		17.16	16.03	2.18		17.22	16.05	2.77
63 (17.2)††	500	14.40	13.68	0.60	500	13.68	11.34	0.74	500	12.89	11.01	0.90	500	15.56	12.16	1.44	500	17.55	13.04	2.17	500	17.62	13.07	2.76
67 (19.4)		15.61	14.82	0.57		14.82	11.88	0.71		13.97	11.56	0.87		16.92	12.73	1.41		19.12	13.64	2.13		19.24	13.69	2.72
72 (22.2)		17.18	16.40	0.53		16.40	9.88	0.87		15.48	9.05	0.83		18.82	10.26	1.35		21.36	11.22	2.07		21.55	11.30	2.65

25VNA036A**30 Outdoor Section With FE4ANB006 Indoor Section - Minimum

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL			FURNACE MODEL				
				MODEL	CAPACITY	POWER	MODEL	CAPACITY	POWER		
*FE4ANB006	1.00	1.00	58CV(A.X)090-16	CAP**4821A**	0.97	1.07	58CV(A.X)090-16	CAP**6024A**	0.99	1.05	58CV(A.X)110-20
FE4AN(B.F)003	0.95	1.05	58CV(A.X)070-12	CAP**6021A**	0.98	1.06	58CV(A.X)090-16	CAP**6025A**	0.99	1.05	58CV(A.X)110-20
FE4AN(B.F)005	1.00	1.04	58CV(A.X)070-12	CNPH*3617A**	0.95	1.06	58CV(A.X)090-16	CNPH*3617A**	0.95	1.06	58CV(A.X)110-20
FE4ANF002	0.95	1.08	58CV(A.X)070-12	CNPH*4221A**	0.96	1.05	58CV(A.X)090-16	CNPH*4221A**	0.96	1.05	58CV(A.X)110-20
CAP**3614A**	0.94	1.09	58CV(A.X)070-12	CNPH*4321A**	0.99	1.05	58CV(A.X)090-16	CNPH*4321A**	0.99	1.05	58CV(A.X)110-20
CAP**3617A**	0.95	1.10	58CV(A.X)070-12	CNPH*4821A**	0.98	1.05	58CV(A.X)090-16	CNPH*4821A**	0.98	1.05	58CV(A.X)110-20
CAP**4817A**	0.97	1.08	58CV(A.X)070-12	CNPH*6024A**	0.99	1.05	58CV(A.X)090-16	CNPH*6024A**	1.00	1.06	58CV(A.X)110-20
CNPH*3617A**	0.94	1.09	58CV(A.X)070-12	CNPH*6124A**	1.00	1.06	58CV(A.X)090-16	CNPH*6124A**	1.00	1.06	58CV(A.X)110-20
CNPH*4221A**	0.95	1.09	58CV(A.X)070-12	CNPV*3617A**	0.95	1.06	58CV(A.X)090-16	CNPV*3621A**	0.95	1.06	58CV(A.X)110-20
CNPH*4321A**	0.98	1.08	58CV(A.X)070-12	CNPV*3621A**	0.95	1.06	58CV(A.X)090-16	CNPV*4221A**	0.96	1.05	58CV(A.X)110-20
CNPH*4821A**	0.97	1.08	58CV(A.X)070-12	CNPV*3717A**	0.99	1.06	58CV(A.X)090-16	CNPV*4324A**	0.99	1.05	58CV(A.X)110-20
CNPH*6024A**	0.99	1.09	58CV(A.X)070-12	CNPV*4217A**	0.97	1.06	58CV(A.X)090-16	CNPV*4821A**	0.98	1.05	58CV(A.X)110-20
CNPH*6124A**	0.99	1.09	58CV(A.X)070-12	CNPV*4221A**	0.96	1.05	58CV(A.X)090-16	CNPV*4824A**	0.98	1.05	58CV(A.X)110-20
CNPV*3617A**	0.94	1.09	58CV(A.X)070-12	CNPV*4821A**	0.98	1.05	58CV(A.X)090-16	CNPV*6124A**	1.01	1.03	58CV(A.X)110-20
CNPV*4217A**	0.96	1.10	58CV(A.X)070-12	CSPH*3612A**	0.97	1.07	58CV(A.X)090-16	CSPH*3612A**	0.97	1.07	58CV(A.X)110-20
CSPH*3612A**	0.97	1.08	58CV(A.X)070-12	CSPH*4212A**	0.98	1.05	58CV(A.X)090-16	CSPH*4212A**	0.98	1.06	58CV(A.X)110-20
CSPH*4212A**	0.97	1.08	58CV(A.X)070-12	CSPH*4812A**	0.98	1.06	58CV(A.X)090-16	CSPH*4812A**	0.98	1.06	58CV(A.X)110-20
CSPH*4812A**	0.98	1.09	58CV(A.X)070-12	CSPH*6012A**	1.00	1.06	58CV(A.X)090-16	CSPH*6012A**	1.01	1.04	58CV(A.X)110-20
CSPH*6012A**	0.99	1.09	58CV(A.X)070-12	CAP**4221A**	0.95	1.05	58CV(A.X)110-20	CAP**4224A**	0.97	1.04	58CV(A.X)135-22
CAP**3617A**	0.95	1.06	58CV(A.X)090-16	CAP**4224A**	0.96	1.05	58CV(A.X)110-20	CAP**4824A**	0.98	1.03	58CV(A.X)135-22
CAP**3619A**	0.95	1.06	58CV(A.X)090-16	CAP**4821A**	0.98	1.05	58CV(A.X)110-20	CAP**6024A**	0.99	1.05	58CV(A.X)135-22
CAP**3621A**	0.95	1.05	58CV(A.X)090-16	CAP**4823A**	0.98	1.05	58CV(A.X)110-20	CAP**6025A**	0.99	1.05	58CV(A.X)135-22
CAP**4221A**	0.96	1.05	58CV(A.X)090-16	CAP**4824A**	0.98	1.05	58CV(A.X)110-20	CNPH*3617A**	0.95	1.06	58CV(A.X)135-22
CAP**4817A**	0.98	1.05	58CV(A.X)090-16	CAP**6021A**	0.98	1.04	58CV(A.X)110-20	CNPH*4221A**	0.97	1.06	58CV(A.X)135-22
				CAP**6021A**	0.98	1.04	58CV(A.X)110-20	CNPH*4321A**	0.99	1.03	58CV(A.X)135-22

DETAILED COOLING CAPACITIES# CONTINUED

25VNA036A**30 Outdoor Section With FE4ANB006 Indoor Section

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CAP**4221A**	0.95	1.11	59*N*A060V17**14	CNPH*4321A**	0.99	1.06	59*N*A100V21**20
CAP**4817A**	0.97	1.11	59*N*A060V17**14	CNPH*4821A**	0.98	1.07	59*N*A100V21**20
CAP**4821A**	0.96	1.10	59*N*A060V17**14	CNPH*6024A**	0.99	1.07	59*N*A100V21**20
CAP**6021A**	0.97	1.10	59*N*A060V17**14	CNPH*6124A**	0.99	1.07	59*N*A100V21**20
CNPH*3617A**	0.94	1.13	59*N*A060V17**14	CNPV*3621A**	0.95	1.08	59*N*A100V21**20
CNPH*4221A**	0.95	1.12	59*N*A060V17**14	CNPV*4221A**	0.96	1.07	59*N*A100V21**20
CNPH*4321A**	0.97	1.10	59*N*A060V17**14	CNPV*4324A**	0.99	1.06	59*N*A100V21**20
CNPH*4821A**	0.97	1.10	59*N*A060V17**14	CNPV*4821A**	0.98	1.07	59*N*A100V21**20
CNPH*6024A**	0.98	1.10	59*N*A060V17**14	CNPV*4824A**	0.98	1.07	59*N*A100V21**20
CNPH*6124A**	0.99	1.10	59*N*A060V17**14	CNPV*6024A**	0.99	1.07	59*N*A100V21**20
CNPV*3617A**	0.94	1.13	59*N*A060V17**14	CNPH*6124A**	1.01	1.06	59*N*A100V21**20
CNPV*3621A**	0.94	1.13	59*N*A060V17**14	CSPH*3612A**	0.97	1.07	59*N*A100V21**20
CNPV*3717A**	0.98	1.12	59*N*A060V17**14	CSPH*4212A**	0.98	1.07	59*N*A100V21**20
CNPV*4217A**	0.95	1.12	59*N*A060V17**14	CSPH*4812A**	0.98	1.07	59*N*A100V21**20
CNPV*4221A**	0.95	1.12	59*N*A060V17**14	CSPH*6012A**	1.00	1.06	59*N*A100V21**20
CNPV*4821A**	0.97	1.10	59*N*A060V17**14	CAP**4224A**	0.96	1.05	59*N*A120V24**22
CNPV*6024A**	0.96	1.11	59*N*A060V17**14	CAP**4824A**	0.98	1.05	59*N*A120V24**22
CNPV*6124A**	0.96	1.11	59*N*A060V17**14	CAP**6024A**	0.98	1.06	59*N*A120V24**22
CSPH*3612A**	0.97	1.11	59*N*A060V17**14	CAP**6025A**	0.98	1.06	59*N*A120V24**22
CSPH*4212A**	0.97	1.11	59*N*A060V17**14	CNPH*3617A**	0.95	1.07	59*N*A120V24**22
CSPH*4812A**	0.97	1.11	59*N*A060V17**14	CNPH*4221A**	0.96	1.07	59*N*A120V24**22
CSPH*6012A**	0.99	1.09	59*N*A060V17**14	CNPH*4821A**	0.98	1.05	59*N*A120V24**22
CAP**3617A**	0.94	1.09	59*N*A060V17**14	CNPH*6024A**	0.99	1.05	59*N*A120V24**22
CAP**3619A**	0.94	1.11	59*N*A060V17**14	CNPV*6024A**	0.98	1.05	59*N*A120V24**22
CAP**3821A**	0.95	1.08	59*N*A060V17**14	CNPV*6124A**	1.00	1.05	59*N*A120V24**22
CAP**4221A**	0.95	1.08	59*N*A060V17**14	CNPH*6124A**	1.00	1.05	59*N*A120V24**22
CAP**4817A**	0.97	1.08	59*N*A060V17**14	CSPH*3612A**	0.97	1.07	59*N*A120V24**22
CAP**4821A**	0.97	1.09	59*N*A060V17**14	CSPH*4212A**	0.98	1.06	59*N*A120V24**22
CAP**6021A**	0.98	1.07	59*N*A060V17**14	CSPH*4812A**	0.98	1.06	59*N*A120V24**22
CAP**6024A**	0.98	1.07	59*N*A060V17**14	CSPH*6012A**	1.01	1.06	59*N*A120V24**22
CAP**6025A**	0.98	1.08	59*N*A060V17**14				
CNPH*3617A**	0.94	1.08	59*N*A100V21**20				
CNPH*4221A**	0.96	1.07	59*N*A100V21**20				

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DETAILED COOLING CAPACITIES# CONTINUED

EVAP AIR	CONDENSER ENTERING AIR TEMPERATURES ° F (° C)																	
	75 (23.9)			85 (29.4)			95 (35)			105 (40.6)			115 (46.1)			125 (51.7)		
	ID SCFM	Capacity MBtuh		ID SCFM	Capacity MBtuh		ID SCFM	Capacity MBtuh		ID SCFM	Capacity MBtuh		ID SCFM	Capacity MBtuh		ID SCFM	Capacity MBtuh	
		Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†		Total	Sens†
EWB °F (°C)	Total Sys. KW	Total Sys. KW	Total Sys. KW	Total Sys. KW	Total Sys. KW	Total Sys. KW	Total Sys. KW	Total Sys. KW	Total Sys. KW	Total Sys. KW	Total Sys. KW	Total Sys. KW	Total Sys. KW	Total Sys. KW	Total Sys. KW	Total Sys. KW	Total Sys. KW	Total Sys. KW
25VNA048A**40 Outdoor Section With FE4ANB006 Indoor Section - Maximum																		
57 (13.9)	46.58	46.58	2.78	44.92	44.92	3.12	43.03	43.03	3.49	40.70	40.70	3.79	38.16	38.16	4.20	35.46	35.46	4.67
62 (16.7)	47.31	45.37	2.79	45.36	44.23	3.12	43.25	42.88	3.49	40.95	40.26	3.79	38.24	38.24	4.20	35.51	35.51	4.67
63 (17.2)††	48.14	36.56	2.79	46.09	35.57	3.13	43.86	34.32	3.49	41.45	32.51	3.79	38.80	30.58	4.20	35.97	28.50	4.67
67 (19.4)	52.09	38.16	2.82	49.89	37.16	3.15	47.50	35.90	3.52	44.95	34.03	3.80	42.11	32.02	4.21	39.07	29.87	4.68
72 (22.2)	57.68	30.89	2.86	55.26	29.75	3.20	52.82	28.62	3.56	49.89	27.18	3.82	46.78	25.58	4.23	43.45	23.86	4.69
25VNA048A**40 Outdoor Section With FE4ANB006 Indoor Section - Minimum																		
57 (13.9)	22.76	22.76	1.20	21.71	21.71	1.39	20.50	20.50	1.60	25.97	25.97	2.53	29.26	29.26	3.54	30.18	30.18	4.36
62 (16.7)	23.80	21.20	1.20	22.63	20.35	1.39	21.94	19.28	1.60	27.05	24.42	2.53	30.95	27.02	3.54	31.70	28.13	4.36
63 (17.2)††	24.30	17.40	1.20	23.10	16.67	1.39	21.80	15.77	1.60	27.64	19.99	2.53	31.66	22.31	3.54	32.43	23.13	4.36
67 (19.4)	26.35	18.13	1.20	25.07	17.37	1.39	23.67	16.45	1.60	30.07	20.87	2.53	34.37	23.23	3.54	35.25	24.12	4.37
72 (22.2)	29.31	15.02	1.20	27.91	14.37	1.39	26.38	13.60	1.60	33.47	17.25	2.52	38.24	19.38	3.54	39.23	20.04	4.38
25VNA048A**40 Outdoor Section With FE4ANB006 Indoor Section - Maximum																		
57 (13.9)	46.58	46.58	2.78	44.92	44.92	3.12	43.03	43.03	3.49	40.70	40.70	3.79	38.16	38.16	4.20	35.46	35.46	4.67
62 (16.7)	47.31	45.37	2.79	45.36	44.23	3.12	43.25	42.88	3.49	40.95	40.26	3.79	38.24	38.24	4.20	35.51	35.51	4.67
63 (17.2)††	48.14	36.56	2.79	46.09	35.57	3.13	43.86	34.32	3.49	41.45	32.51	3.79	38.80	30.58	4.20	35.97	28.50	4.67
67 (19.4)	52.09	38.16	2.82	49.89	37.16	3.15	47.50	35.90	3.52	44.95	34.03	3.80	42.11	32.02	4.21	39.07	29.87	4.68
72 (22.2)	57.68	30.89	2.86	55.26	29.75	3.20	52.82	28.62	3.56	49.89	27.18	3.82	46.78	25.58	4.23	43.45	23.86	4.69
25VNA048A**40 Outdoor Section With FE4ANB006 Indoor Section - Minimum																		
57 (13.9)	22.76	22.76	1.20	21.71	21.71	1.39	20.50	20.50	1.60	25.97	25.97	2.53	29.26	29.26	3.54	30.18	30.18	4.36
62 (16.7)	23.80	21.20	1.20	22.63	20.35	1.39	21.94	19.28	1.60	27.05	24.42	2.53	30.95	27.02	3.54	31.70	28.13	4.36
63 (17.2)††	24.30	17.40	1.20	23.10	16.67	1.39	21.80	15.77	1.60	27.64	19.99	2.53	31.66	22.31	3.54	32.43	23.13	4.36
67 (19.4)	26.35	18.13	1.20	25.07	17.37	1.39	23.67	16.45	1.60	30.07	20.87	2.53	34.37	23.23	3.54	35.25	24.12	4.37
72 (22.2)	29.31	15.02	1.20	27.91	14.37	1.39	26.38	13.60	1.60	33.47	17.25	2.52	38.24	19.38	3.54	39.23	20.04	4.38

25VNA

DETAILED COOLING CAPACITIES# CONTINUED

25VNA048A**30 Outdoor Section With FE4ANB006 Indoor Section — Maximum

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CNPH*6124A**	0.98	1.04	58MV(B,C)120-20
CNPV*4824A**	0.96	1.03	58MV(B,C)120-20
CNPH*6024A**	0.97	1.03	58MV(B,C)120-20
CNPV*6124A**	0.99	1.03	58MV(B,C)120-20
CSPH*4812A**	0.96	1.03	58MV(B,C)120-20
CSPH*6012A**	0.98	1.03	58MV(B,C)120-20
CAP**4821A**	0.94	1.05	59*N*A100V21**20
CAP**4823A**	0.94	1.05	59*N*A100V21**20
CAP**4824A**	0.95	1.06	59*N*A100V21**20
CAP**6021A**	0.96	1.05	59*N*A100V21**20
CAP**6024A**	0.97	1.05	59*N*A100V21**20
CAP**6025A**	0.97	1.05	59*N*A100V21**20
CNPH*4821A**	0.95	1.05	59*N*A100V21**20
CNPH*6024A**	0.97	1.05	59*N*A100V21**20
CNPH*6124A**	0.98	1.06	59*N*A100V21**20
CNPV*4821A**	0.95	1.05	59*N*A100V21**20
CNPV*4824A**	0.95	1.05	59*N*A100V21**20
CNPV*6024A**	0.97	1.05	59*N*A100V21**20
CNPV*6124A**	0.99	1.05	59*N*A100V21**20
CSPH*4812A**	0.96	1.07	59*N*A100V21**20
CSPH*6012A**	0.98	1.06	59*N*A100V21**20
CAP**4824A**	0.95	1.02	59*N*A120V24**22
CAP**6024A**	0.97	1.03	59*N*A120V24**22
CAP**6025A**	0.97	1.03	59*N*A120V24**22
CNPH*4821A**	0.96	1.03	59*N*A120V24**22
CNPH*6024A**	0.98	1.04	59*N*A120V24**22
CNPH*6124A**	0.98	1.04	59*N*A120V24**22
CNPV*4824A**	0.96	1.03	59*N*A120V24**22
CNPV*6024A**	0.98	1.04	59*N*A120V24**22
CNPV*6124A**	0.99	1.03	59*N*A120V24**22
CSPH*4812A**	0.96	1.03	59*N*A120V24**22
CSPH*6012A**	0.98	1.03	59*N*A120V24**22

See notes on page 41

DETAILED COOLING CAPACITIES# CONTINUED

EVAP. AIR	CONDENSER ENTERING AIR TEMPERATURES ° F (° C)																							
	75 (23.9)				85 (29.4)				95 (35)				105 (40.6)				115 (46.1)				125 (51.7)			
	ID SCFM	Capacity MBtuh		Total Sys. KW	ID SCFM	Capacity MBtuh		Total Sys. KW	ID SCFM	Capacity MBtuh		Total Sys. KW	ID SCFM	Capacity MBtuh		Total Sys. KW	ID SCFM	Capacity MBtuh		Total Sys. KW	ID SCFM	Capacity MBtuh		Total Sys. KW
EWB °F (°C)																								
57 (13.9)		54.32	54.32	3.56		52.52	52.52	3.95		50.59	50.59	4.37		47.88	47.88	4.77		44.66	44.66	5.20		41.63	41.63	5.73
62 (16.7)		55.49	49.53	3.57		53.25	48.45	3.98		50.94	47.26	4.37		48.14	47.67	4.78		44.96	41.74	5.21		41.82	41.54	5.73
63 (17.2)††	1850	56.50	39.96	3.58		54.14	38.97	3.96	1850	51.70	37.95	4.38	1750	48.85	36.01	4.78		45.69	33.53	5.21	1500	42.46	31.39	5.73
67 (19.4)		61.17	41.70	3.62		58.63	40.71	4.00		56.00	39.70	4.41		52.94	37.68	4.81		49.54	35.08	5.24		46.09	32.87	5.76
72 (22.2)		67.72	33.80	3.67		64.95	32.63	4.06		62.11	31.63	4.46		58.73	30.03	4.86		54.99	28.07	5.28		51.20	26.28	5.80

EVAP. AIR	CONDENSER ENTERING AIR TEMPERATURES ° F (° C)																							
	75 (23.9)				85 (29.4)				95 (35)				105 (40.6)				115 (46.1)				125 (51.7)			
	ID SCFM	Capacity MBtuh		Total Sys. KW	ID SCFM	Capacity MBtuh		Total Sys. KW	ID SCFM	Capacity MBtuh		Total Sys. KW	ID SCFM	Capacity MBtuh		Total Sys. KW	ID SCFM	Capacity MBtuh		Total Sys. KW	ID SCFM	Capacity MBtuh		Total Sys. KW
EWB °F (°C)																								
57 (13.9)		22.86	22.86	1.25		21.75	21.75	1.45		20.48	20.48	1.67		25.38	25.38	2.61		29.23	29.23	3.68		30.48	30.48	4.55
62 (16.7)		23.85	21.59	1.25		22.64	20.63	1.45		21.32	19.45	1.67		26.66	23.85	2.61		30.91	27.26	3.68		31.87	28.86	4.55
63 (17.2)††	650	24.34	17.70	1.25	625	23.11	16.89	1.45	590	21.77	15.92	1.67	710	27.26	19.62	2.61	800	31.62	22.51	3.68	875	32.80	23.67	4.55
67 (19.4)		26.40	18.43	1.25		25.08	17.60	1.45		23.64	16.60	1.67		29.65	20.47	2.61		34.33	23.44	3.68		35.43	24.69	4.55
72 (22.2)		29.37	15.25	1.26		27.93	14.54	1.45		26.34	13.73	1.67		33.01	17.02	2.61		38.19	19.56	3.69		39.42	20.45	4.56

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*FE4ANB006	1.00	1.00	58CV(A,X)110-20	CNPH*6124A**	0.99	1.01	58CV(A,X)155-22	CNPH*6124A**	0.99	1.01	58CV(A,X)155-22	CNPH*6124A**	0.98	1.03	58MV(B,C)120-20
*CAP**6021A**	0.97	1.02	58CV(A,X)110-20	CNPH*6124A**	0.99	1.01	58CV(A,X)155-22	CNPH*6124A**	0.99	1.01	58CV(A,X)155-22	CNPH*6124A**	0.97	1.03	58MV(B,C)120-20
CNPH*6024A**	0.97	1.02	58CV(A,X)110-20	CSPH*6012A**	0.98	1.00	58CV(A,X)155-22	CSPH*6012A**	0.98	1.00	58CV(A,X)155-22	CSPH*6012A**	0.99	1.03	58MV(B,C)120-20
CNPH*6124A**	0.98	1.02	58CV(A,X)110-20	CAP**6021A**	0.97	1.05	58MV(B,C)080-20	CAP**6021A**	0.97	1.05	58MV(B,C)080-20	CAP**6021A**	0.97	1.02	58MV(B,C)120-20
CNPH*6024A**	1.00	1.06	58CV(A,X)110-20	CNPH*6024A**	0.96	1.04	58MV(B,C)080-20	CNPH*6024A**	0.96	1.04	58MV(B,C)080-20	CNPH*6024A**	0.99	1.09	59*N*A100V21**20
CNPH*6124A**	1.01	1.05	58CV(A,X)110-20	CNPH*6124A**	0.97	1.05	58MV(B,C)080-20	CNPH*6124A**	0.97	1.05	58MV(B,C)080-20	CNPH*6124A**	0.99	1.09	59*N*A100V21**20
CSPH*6012A**	0.97	1.01	58CV(A,X)110-20	CNPH*6024A**	0.99	1.08	58MV(B,C)080-20	CNPH*6024A**	0.99	1.08	58MV(B,C)080-20	CNPH*6024A**	0.99	1.09	59*N*A100V21**20
CAP**6024A**	0.98	1.01	58CV(A,X)135-22	CNPH*6124A**	1.01	1.08	58MV(B,C)080-20	CNPH*6124A**	1.01	1.08	58MV(B,C)080-20	CNPH*6124A**	1.00	1.09	59*N*A100V21**20
CAP**6025A**	0.98	1.01	58CV(A,X)135-22	CSPH*6012A**	0.97	1.05	58MV(B,C)080-20	CSPH*6012A**	0.97	1.05	58MV(B,C)080-20	CSPH*6012A**	0.99	1.08	59*N*A100V21**20
CNPH*6024A**	0.97	1.00	58CV(A,X)135-22	CAP**6021A**	0.97	1.05	58MV(B,C)100-20	CAP**6021A**	0.97	1.05	58MV(B,C)100-20	CAP**6021A**	1.01	1.08	59*N*A100V21**20
CNPH*6124A**	0.98	1.01	58CV(A,X)135-22	CNPH*6024A**	0.96	1.04	58MV(B,C)100-20	CNPH*6024A**	0.96	1.04	58MV(B,C)100-20	CNPH*6024A**	1.00	1.08	59*N*A100V21**20
CNPH*6024A**	0.98	1.01	58CV(A,X)135-22	CNPH*6124A**	0.97	1.05	58MV(B,C)100-20	CNPH*6124A**	0.97	1.05	58MV(B,C)100-20	CNPH*6124A**	1.00	1.08	59*N*A100V21**20
CSPH*6012A**	0.98	1.01	58CV(A,X)135-22	CNPH*6024A**	0.99	1.08	58MV(B,C)100-20	CNPH*6024A**	0.99	1.08	58MV(B,C)100-20	CNPH*6024A**	1.01	1.06	59*N*A120V24**22
CAP**6024A**	0.98	1.00	58CV(A,X)155-22	CNPH*6124A**	1.01	1.08	58MV(B,C)100-20	CNPH*6124A**	1.01	1.08	58MV(B,C)100-20	CNPH*6124A**	1.01	1.06	59*N*A120V24**22
CAP**6025A**	0.98	1.00	58CV(A,X)155-22	CSPH*6012A**	0.97	1.04	58MV(B,C)120-20	CSPH*6012A**	0.97	1.04	58MV(B,C)120-20	CSPH*6012A**	1.01	1.06	59*N*A120V24**22
CNPH*6024A**	0.97	0.99	58CV(A,X)155-22	CAP**6024A**	0.97	1.03	58MV(B,C)120-20	CAP**6024A**	0.97	1.03	58MV(B,C)120-20	CAP**6024A**	0.99	1.05	59*N*A120V24**22
CNPH*6124A**	0.98	1.00	58CV(A,X)155-22	CAP**6025A**	0.97	1.03	58MV(B,C)120-20	CAP**6025A**	0.97	1.03	58MV(B,C)120-20	CAP**6025A**	1.02	1.06	59*N*A120V24**22
CNPH*6024A**	0.98	1.00	58CV(A,X)155-22	CNPH*6024A**	0.96	1.02	58MV(B,C)120-20	CNPH*6024A**	0.96	1.02	58MV(B,C)120-20	CNPH*6024A**	1.00	1.05	59*N*A120V24**22

* Tested combination.
† Total and sensible capacities are net capacities. Blower motor heat has been subtracted.
‡ Sensible capacities shown are based on 80°F (27°C) entering air at the indoor coil. For sensible capacities at other than 80°F (27°C), deduct 835 Btuh (245 kW) per 1000 CFM (480 L/S) of indoor coil air for each degree below 80°F (27°C), or add 835 Btuh (245 kW) per 1000 CFM (480 L/S) of indoor coil air per degree above 80°F (27°C).
Detailed cooling capacities are based on indoor and outdoor unit at the same elevation per AHRI standard 210/240-2008. 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 ecb/63°F ewb). All other indoor air temperatures are at 80°F edb.
NOTE: When the required data falls between the published data, interpolation may be performed. Extrapolation is not an acceptable practice.
EWB — Entering Wet Bulb



25VNA

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)					
EDB °F (°C)	ID SCFM	Capacity MBtuh		Total Sys. KWt	ID SCFM	Capacity MBtuh		Total Sys. KWt	ID SCFM	Capacity MBtuh		Total Sys. KWt	Capacity MBtuh		Total Sys. KWt	
		Total	Integ*			Total	Integ*			Total	Integ*		Total	Integ*		
65 (18.3)	900	17.60	16.19	2.39	900	22.65	20.82	2.68	900	26.64	24.29	2.80	29.76	26.43	2.74	
70 (21.1)		17.28	15.90	2.51		22.37	20.56	2.83		26.37	24.05	2.96		29.51	26.21	2.91
75 (23.9)		16.92	15.57	2.62		22.05	20.26	2.97		26.09	23.79	3.12		29.24	25.97	3.08

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES °F (°C)														
		47 (8.3)			57 (13.9)			67 (19.4)								
EDB °F (°C)	ID SCFM	Capacity MBtuh		Total Sys. KWt	ID SCFM	Capacity MBtuh		Total Sys. KWt	ID SCFM	Capacity MBtuh		Total Sys. KWt				
		Total	Integ*			Total	Integ*			Total	Integ*					
65 (18.3)	900	27.30	24.84	2.02	900	23.84	23.84	1.36	900	27.25	27.25	1.34	31.00	31.00	1.33	
70 (21.1)		27.07	24.63	2.16		23.60	23.60	1.47		26.98	26.98	1.45		30.70	30.70	1.44
75 (23.9)		26.83	24.41	2.32		23.36	23.36	1.59		26.71	26.71	1.57		30.39	30.39	1.56

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES °F (°C)														
		-3 (-19.4)			7 (-13.9)			17 (-8.3)			27 (-2.8)					
EDB °F (°C)	ID SCFM	Capacity MBtuh		Total Sys. KWt	ID SCFM	Capacity MBtuh		Total Sys. KWt	ID SCFM	Capacity MBtuh		Total Sys. KWt	Capacity MBtuh		Total Sys. KWt	
		Total	Integ*			Total	Integ*			Total	Integ*		Total	Integ*		
65 (18.3)	500	10.11	9.30	1.34	500	12.64	11.62	1.40	500	15.28	13.94	1.45	16.85	14.97	1.37	
70 (21.1)		9.83	9.05	1.41		12.41	11.40	1.48		15.07	13.74	1.54		16.65	14.79	1.46
75 (23.9)		9.53	8.76	1.47		12.15	11.17	1.56		14.84	13.53	1.63		16.44	14.60	1.56

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES °F (°C)														
		47 (8.3)			57 (13.9)			67 (19.4)								
EDB °F (°C)	ID SCFM	Capacity MBtuh		Total Sys. KWt	ID SCFM	Capacity MBtuh		Total Sys. KWt	ID SCFM	Capacity MBtuh		Total Sys. KWt				
		Total	Integ*			Total	Integ*			Total	Integ*					
65 (18.3)	500	16.89	15.37	1.14	500	14.71	14.71	0.79	500	17.12	17.12	0.78	19.72	19.72	0.77	
70 (21.1)		16.70	15.19	1.22		14.51	14.51	0.85		16.90	16.90	0.84		19.48	19.48	0.83
75 (23.9)		16.49	15.01	1.31		14.31	14.31	0.92		16.68	16.68	0.91		19.23	19.23	0.90

HEAT PUMP HEATING PERFORMANCE CONTINUED

25VNA024A**30 Outdoor Section With FEANB006 Indoor Section

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*FEANB006	1.00	1.00	58CV(A.X)070-12	CNPH*4221A**	1.02	1.15	58CV(A.X)110-20	CNPH*3617A**	1.03	1.24	58MV(B.C)080-14
FEANB(F)003	1.01	1.17	58CV(A.X)070-12	CNPH*4224A**	0.99	1.00	58CV(A.X)110-20	CNPH*3621A**	1.02	1.23	58MV(B.C)080-14
FEAN(B)F005	1.00	1.03	58CV(A.X)070-12	CNPH*4821A**	1.00	1.04	58CV(A.X)110-20	CNPH*3717A**	0.99	1.01	58MV(B.C)080-14
FEANF002	1.02	1.19	58CV(A.X)070-12	CNPH*4824A**	1.00	1.03	58CV(A.X)110-20	CNPH*4217A**	1.01	1.09	58MV(B.C)080-14
CAP**3614A**	1.03	1.22	58CV(A.X)070-12	CNPH*6024A**	1.00	1.04	58CV(A.X)110-20	CNPH*4221A**	1.02	1.15	58MV(B.C)080-14
CAP**3617A**	1.03	1.21	58CV(A.X)070-12	CNPH*6124A**	0.98	0.97	58CV(A.X)110-20	CNPH*4821A**	1.00	1.05	58MV(B.C)080-14
CAP**4817A**	0.99	1.03	58CV(A.X)070-12	CSPH*3612A**	1.00	1.08	58CV(A.X)110-20	CSPH*3612A**	1.00	1.08	58MV(B.C)080-14
CNPH*3617A**	1.02	1.24	58CV(A.X)070-12	CSPH*4212A**	1.01	1.06	58CV(A.X)110-20	CSPH*4212A**	1.01	1.06	58MV(B.C)080-14
CNPH*4221A**	1.02	1.15	58CV(A.X)070-12	CSPH*4812A**	1.00	1.04	58CV(A.X)110-20	CSPH*4812A**	1.00	1.04	58MV(B.C)080-14
CNPH*4321A**	1.00	1.03	58CV(A.X)070-12	CSPH*6012A**	0.99	1.01	58CV(A.X)110-20	CSPH*6012A**	1.00	1.02	58MV(B.C)080-14
CNPH*4821A**	1.01	1.07	58CV(A.X)070-12	CAP**4224A**	1.01	1.12	58CV(A.X)135-22	CAP**3621A**	1.03	1.21	58MV(B.C)080-14
CNPH*6024A**	1.00	1.04	58CV(A.X)070-12	CAP**4824A**	1.00	1.03	58CV(A.X)135-22	CAP**4221A**	1.02	1.15	58MV(B.C)080-14
CNPH*6124A**	0.97	1.00	58CV(A.X)070-12	CAP**6024A**	1.00	1.03	58CV(A.X)135-22	CAP**4224A**	1.02	1.15	58MV(B.C)080-14
CNPH*6124A**	1.00	1.04	58CV(A.X)070-12	CAP**6025A**	0.98	1.00	58CV(A.X)135-22	CAP**4821A**	1.00	1.05	58MV(B.C)080-14
CNPH*617A**	1.24	1.24	58CV(A.X)070-12	CNPH*3617A**	1.02	1.23	58CV(A.X)135-22	CAP**4824A**	1.00	1.05	58MV(B.C)080-14
CNPH*4217A**	1.00	1.03	58CV(A.X)070-12	CNPH*4217A**	1.00	1.14	58CV(A.X)135-22	CAP**6021A**	1.05	1.05	58MV(B.C)080-14
CNPH*4217A**	1.01	1.10	58CV(A.X)070-12	CNPH*4321A**	0.99	1.00	58CV(A.X)135-22	CAP**6024A**	0.98	1.02	58MV(B.C)080-14
CNPH*4321A**	1.00	1.09	58CV(A.X)070-12	CNPH*4821A**	1.00	1.04	58CV(A.X)135-22	CAP**6024A**	1.00	1.02	58MV(B.C)080-14
CNPH*4821A**	1.01	1.07	58CV(A.X)070-12	CNPH*6024A**	1.00	1.04	58CV(A.X)135-22	CAP**624A**	0.98	1.02	58MV(B.C)080-14
CNPH*6024A**	1.00	1.05	58CV(A.X)070-12	CNPH*6024A**	1.00	1.02	58CV(A.X)135-22	CAP**625A**	1.00	1.05	58MV(B.C)080-14
CNPH*6024A**	1.00	1.03	58CV(A.X)070-12	CNPH*6124A**	0.97	0.98	58CV(A.X)135-22	CNPH*4212A**	1.01	1.08	58MV(B.C)080-14
CNPH*6024A**	1.00	1.03	58CV(A.X)070-12	CNPH*6124A**	1.01	1.12	58CV(A.X)155-22	CNPH*4212A**	1.01	1.08	58MV(B.C)080-14
CNPH*6024A**	1.00	1.03	58CV(A.X)070-12	CNPH*6124A**	1.00	1.03	58CV(A.X)155-22	CNPH*4812A**	1.01	1.06	58MV(B.C)080-14
CNPH*6024A**	1.00	1.03	58CV(A.X)070-12	CNPH*6124A**	0.97	0.98	58CV(A.X)155-22	CNPH*4812A**	1.01	1.06	58MV(B.C)080-14
CNPH*6024A**	1.00	1.03	58CV(A.X)070-12	CNPH*6124A**	0.97	0.98	58CV(A.X)155-22	CNPH*6012A**	1.03	1.21	58MV(B.C)080-20
CNPH*6024A**	1.00	1.03	58CV(A.X)070-12	CNPH*6124A**	0.97	0.97	58CV(A.X)155-22	CNPH*6024A**	1.02	1.15	58MV(B.C)080-20
CNPH*6024A**	1.00	1.04	58CV(A.X)090-16	CNPH*6124A**	0.99	1.00	58CV(A.X)155-22	CAP**4224A**	1.02	1.15	58MV(B.C)080-20
CNPH*6024A**	1.00	1.08	58CV(A.X)090-16	CNPH*6124A**	1.00	1.04	58CV(A.X)155-22	CAP**4824A**	1.00	1.05	58MV(B.C)080-20
CNPH*6024A**	1.00	1.05	58CV(A.X)090-16	CNPH*6124A**	1.00	1.01	58CV(A.X)155-22	CAP**4824A**	1.00	1.05	58MV(B.C)080-20
CNPH*6024A**	1.00	1.04	58CV(A.X)090-16	CNPH*6124A**	0.97	0.98	58CV(A.X)155-22	CAP**6021A**	1.00	1.05	58MV(B.C)080-20
CNPH*6024A**	1.00	1.04	58CV(A.X)090-16	CNPH*6124A**	0.98	1.07	58CV(A.X)155-22	CAP**6024A**	0.98	1.02	58MV(B.C)080-20
CNPH*6024A**	1.00	1.18	58CV(A.X)090-16	CNPH*6124A**	1.00	1.04	58CV(A.X)155-22	CAP**6025A**	0.98	1.02	58MV(B.C)080-20
CNPH*6024A**	1.00	1.23	58CV(A.X)090-16	CNPH*6124A**	1.00	1.03	58CV(A.X)155-22	CNPH*3617A**	1.03	1.26	58MV(B.C)080-20
CNPH*6024A**	1.00	1.04	58CV(A.X)090-16	CNPH*6124A**	1.00	1.04	58CV(A.X)155-22	CNPH*4212A**	1.02	1.16	58MV(B.C)080-20
CNPH*6024A**	1.00	1.23	58CV(A.X)090-16	CNPH*6124A**	1.00	1.20	58MV(B.C)060-14	CNPH*4212A**	1.00	1.03	58MV(B.C)080-20
CNPH*6024A**	1.00	1.04	58CV(A.X)110-20	CNPH*6124A**	1.02	1.19	58MV(B.C)060-14	CNPH*4812A**	1.01	1.07	58MV(B.C)080-20
CNPH*6024A**	1.00	1.08	58CV(A.X)110-20	CNPH*6124A**	1.02	1.19	58MV(B.C)060-14	CNPH*4812A**	1.01	1.07	58MV(B.C)080-20
CNPH*6024A**	0.98	1.00	58CV(A.X)110-20	CNPH*6124A**	1.02	1.14	58MV(B.C)060-14	CNPH*6024A**	1.00	1.04	58MV(B.C)080-20
CNPH*6024A**	0.98	1.00	58CV(A.X)110-20	CNPH*6124A**	0.99	1.02	58MV(B.C)060-14	CNPH*6124A**	0.97	1.00	58MV(B.C)080-20
CNPH*6024A**	0.98	1.00	58CV(A.X)110-20	CNPH*6124A**	1.00	1.04	58MV(B.C)060-14	CNPH*624A**	1.03	1.26	58MV(B.C)080-20
CNPH*6024A**	1.02	1.23	58CV(A.X)110-20	CNPH*6124A**	1.00	1.04	58MV(B.C)060-14	CNPH*624A**	1.02	1.16	58MV(B.C)080-20
CNPH*6024A**	1.02	1.15	58CV(A.X)110-20	CNPH*6124A**	0.98	1.01	58MV(B.C)060-14	CNPH*624A**	1.00	1.03	58MV(B.C)080-20
CNPH*6024A**	0.99	1.01	58CV(A.X)110-20	CNPH*6124A**	1.02	1.23	58MV(B.C)060-14	CNPH*624A**	1.01	1.16	58MV(B.C)080-20
CNPH*6024A**	0.99	1.01	58CV(A.X)110-20	CNPH*6124A**	1.00	1.15	58MV(B.C)060-14	CNPH*624A**	1.01	1.07	58MV(B.C)080-20
CNPH*6024A**	1.00	1.04	58CV(A.X)110-20	CNPH*6124A**	1.00	1.15	58MV(B.C)060-14	CNPH*624A**	1.01	1.07	58MV(B.C)080-20
CNPH*6024A**	1.00	1.03	58CV(A.X)110-20	CNPH*6124A**	0.97	1.05	58MV(B.C)060-14	CNPH*624A**	1.01	1.07	58MV(B.C)080-20
CNPH*6024A**	0.97	0.99	58CV(A.X)110-20	CNPH*6124A**	1.00	1.03	58MV(B.C)060-14	CNPH*624A**	1.00	1.04	58MV(B.C)080-20
CNPH*6024A**	1.02	1.23	58CV(A.X)110-20	CNPH*6124A**	0.97	1.03	58MV(B.C)060-14	CNPH*624A**	1.00	1.04	58MV(B.C)080-20
CNPH*6024A**	1.02	1.23	58CV(A.X)110-20	CNPH*6124A**	0.97	0.99	58MV(B.C)060-14	CNPH*624A**	1.00	1.04	58MV(B.C)080-20
CNPH*6024A**	1.02	1.23	58CV(A.X)110-20	CNPH*6124A**	0.97	0.99	58MV(B.C)060-14	CNPH*624A**	1.00	1.04	58MV(B.C)080-20

See notes on page 51

25VNA

HEAT PUMP HEATING PERFORMANCE CONTINUED

25VNA024A**30 Outdoor Section With F6ANB006 Indoor Section

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CNPV*6124A**	0.99	1.05	58MV(B,C)080-20
CSPH*3617A**	1.01	1.10	58MV(B,C)080-20
CNPV*4212A**	1.01	1.07	58MV(B,C)080-20
CSPH*4812A**	1.00	1.05	58MV(B,C)080-20
CSPH*6012A**	1.00	1.03	58MV(B,C)080-20
CAP**3621A**	1.03	1.20	58MV(B,C)100-20
CAP**4224A**	1.02	1.15	58MV(B,C)100-20
CAP**4821A**	1.00	1.05	58MV(B,C)100-20
CAP**4823A**	1.00	1.05	58MV(B,C)100-20
CAP**4824A**	1.00	1.04	58MV(B,C)100-20
CAP**6021A**	0.98	1.01	58MV(B,C)100-20
CAP**6024A**	0.98	1.01	58MV(B,C)100-20
CAP**6025A**	0.98	1.01	58MV(B,C)100-20
CNPV*3617A**	1.02	1.24	58MV(B,C)100-20
CNPV*4221A**	1.02	1.15	58MV(B,C)100-20
CNPV*4321A**	1.00	1.03	58MV(B,C)100-20
CNPV*4821A**	1.01	1.06	58MV(B,C)100-20
CNPV*6024A**	1.00	1.04	58MV(B,C)100-20
CNPV*6124A**	0.97	1.00	58MV(B,C)100-20
CNPV*3621A**	1.02	1.24	58MV(B,C)100-20
CNPV*4221A**	1.02	1.15	58MV(B,C)100-20
CNPV*4324A**	0.99	1.01	58MV(B,C)100-20
CNPV*4821A**	1.01	1.06	58MV(B,C)100-20
CNPV*4824A**	1.00	1.04	58MV(B,C)100-20
CNPV*6124A**	0.99	1.03	58MV(B,C)100-20
CNPV*3617A**	1.00	1.09	58MV(B,C)100-20
CSPH*4212A**	1.01	1.07	58MV(B,C)100-20
CSPH*4812A**	1.00	1.04	58MV(B,C)100-20
CSPH*6012A**	1.00	1.03	58MV(B,C)100-20
CAP**4224A**	1.02	1.14	58MV(B,C)120-20
CAP**4824A**	1.00	1.04	58MV(B,C)120-20
CAP**6024A**	0.98	1.00	58MV(B,C)120-20
CAP**6025A**	0.98	1.00	58MV(B,C)120-20
CNPV*3617A**	1.02	1.23	58MV(B,C)120-20
CNPV*4221A**	1.02	1.15	58MV(B,C)120-20
CNPV*4321A**	0.99	1.01	58MV(B,C)120-20
CNPV*4821A**	1.00	1.05	58MV(B,C)120-20
CNPV*6024A**	1.00	1.03	58MV(B,C)120-20
CNPV*6124A**	0.97	0.99	58MV(B,C)120-20
CNPV*3617A**	1.00	1.04	58MV(B,C)120-20
CSPH*4212A**	1.00	1.05	58MV(B,C)120-20
CSPH*4824A**	1.00	1.03	58MV(B,C)120-20
CSPH*6124A**	1.00	1.08	58MV(B,C)120-20
CSPH*4212A**	1.01	1.06	58MV(B,C)120-20
CSPH*4812A**	1.00	1.04	58MV(B,C)120-20
CSPH*6012A**	1.00	1.02	58MV(B,C)120-20
CAP**4224A**	1.02	1.15	58MV(B,C)140-14
CAP**4824A**	1.01	1.04	58MV(B,C)140-14
CAP**6025A**	0.98	1.01	58MV(B,C)140-14
CNPV*3617A**	1.02	1.24	58MV(B,C)140-14
CNPV*4221A**	1.02	1.15	58MV(B,C)140-14
CNPV*4321A**	0.97	1.03	58MV(B,C)140-14
CNPV*4821A**	1.00	1.05	58MV(B,C)140-14
CNPV*6024A**	1.00	1.03	58MV(B,C)140-14
CNPV*6124A**	0.97	1.00	58MV(B,C)140-14
CNPV*3617A**	1.00	1.09	58MV(B,C)140-14
CSPH*4212A**	1.01	1.07	58MV(B,C)140-14
CSPH*4812A**	1.00	1.04	58MV(B,C)140-14
CSPH*6012A**	1.00	1.03	58MV(B,C)140-14
CAP**4224A**	1.02	1.14	58MV(B,C)160-14
CAP**4824A**	1.00	1.04	58MV(B,C)160-14
CAP**6025A**	0.98	1.00	58MV(B,C)160-14
CNPV*3617A**	1.02	1.23	58MV(B,C)160-14
CNPV*4221A**	1.02	1.15	58MV(B,C)160-14
CNPV*4321A**	0.99	1.01	58MV(B,C)160-14
CNPV*4821A**	1.00	1.05	58MV(B,C)160-14
CNPV*6024A**	1.00	1.03	58MV(B,C)160-14
CNPV*6124A**	0.97	1.00	58MV(B,C)160-14
CNPV*3617A**	1.00	1.09	58MV(B,C)160-14
CSPH*4212A**	1.01	1.07	58MV(B,C)160-14
CSPH*4812A**	1.00	1.04	58MV(B,C)160-14
CSPH*6012A**	1.00	1.03	58MV(B,C)160-14
CAP**4224A**	1.02	1.14	58MV(B,C)180-14
CAP**4824A**	1.00	1.04	58MV(B,C)180-14
CAP**6025A**	0.98	1.00	58MV(B,C)180-14
CNPV*3617A**	1.02	1.23	58MV(B,C)180-14
CNPV*4221A**	1.02	1.15	58MV(B,C)180-14
CNPV*4321A**	0.99	1.01	58MV(B,C)180-14
CNPV*4821A**	1.00	1.05	58MV(B,C)180-14
CNPV*6024A**	1.00	1.03	58MV(B,C)180-14
CNPV*6124A**	0.97	1.00	58MV(B,C)180-14
CNPV*3617A**	1.00	1.09	58MV(B,C)180-14
CSPH*4212A**	1.01	1.07	58MV(B,C)180-14
CSPH*4812A**	1.00	1.04	58MV(B,C)180-14
CSPH*6012A**	1.00	1.03	58MV(B,C)180-14
CAP**4224A**	1.02	1.14	58MV(B,C)200-14
CAP**4824A**	1.00	1.04	58MV(B,C)200-14
CAP**6025A**	0.98	1.00	58MV(B,C)200-14
CNPV*3617A**	1.02	1.23	58MV(B,C)200-14
CNPV*4221A**	1.02	1.15	58MV(B,C)200-14
CNPV*4321A**	0.99	1.01	58MV(B,C)200-14
CNPV*4821A**	1.00	1.05	58MV(B,C)200-14
CNPV*6024A**	1.00	1.03	58MV(B,C)200-14
CNPV*6124A**	0.97	1.00	58MV(B,C)200-14
CNPV*3617A**	1.00	1.09	58MV(B,C)200-14
CSPH*4212A**	1.01	1.07	58MV(B,C)200-14
CSPH*4812A**	1.00	1.04	58MV(B,C)200-14
CSPH*6012A**	1.00	1.03	58MV(B,C)200-14

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CNPV*4324A**	0.99	1.01	58MV(B)040-14
CNPV*4824A**	1.01	1.06	58MV(B)040-14
CNPV*6024A**	1.00	1.04	58MV(B)040-14
CNPV*6124A**	0.99	0.99	58MV(B)040-14
CSPH*3612A**	1.00	1.09	58MV(B)040-14
CSPH*4212A**	1.01	1.07	58MV(B)040-14
CSPH*4812A**	1.00	1.04	58MV(B)040-14
CSPH*6012A**	1.00	1.03	58MV(B)040-14
CAP**3617A**	1.02	1.21	59N*A060V17**14
CAP**4221A**	1.02	1.21	59N*A060V17**14
CAP**4821A**	1.01	1.13	59N*A060V17**14
CAP**4817A**	1.03	1.03	59N*A060V17**14
CAP**4821A**	0.98	1.05	59N*A060V17**14
CAP**6021A**	0.97	1.02	59N*A060V17**14
CAP**6024A**	0.98	1.05	59N*A060V17**14
CAP**6025A**	0.97	1.02	59N*A060V17**14
CNPV*3617A**	1.02	1.25	59N*A060V17**14
CNPV*4221A**	1.02	1.17	59N*A060V17**14
CNPV*4321A**	1.00	1.03	59N*A060V17**14
CNPV*4821A**	0.99	1.06	59N*A060V17**14
CNPV*6024A**	1.00	1.05	59N*A060V17**14
CNPV*6124A**	0.99	1.04	59N*A060V17**14
CNPV*3617A**	1.02	1.25	59N*A060V17**14
CNPV*4221A**	1.02	1.25	59N*A060V17**14
CNPV*4321A**	1.00	1.04	59N*A060V17**14
CNPV*4821A**	1.00	1.08	59N*A060V17**14
CNPV*4824A**	1.00	1.11	59N*A060V17**14
CNPV*6124A**	0.99	1.05	59N*A060V17**14
CNPV*3617A**	1.02	1.13	59N*A060V17**14
CNPV*4221A**	1.01	1.09	59N*A060V17**14
CNPV*4321A**	0.99	1.05	59N*A060V17**14
CNPV*4812A**	1.00	1.05	59N*A060V17**14
CNPV*6012A**	1.00	1.05	59N*A060V17**14
CNPV*3617A**	1.02	1.20	59N*A060V17**14
CNPV*4221A**	1.02	1.19	59N*A060V17**14
CNPV*4321A**	1.01	1.12	59N*A060V17**14
CNPV*4812A**	0.97	1.02	59N*A060V17**14
CNPV*4821A**	0.98	1.04	59N*A060V17**14
CNPV*6021A**	0.97	1.01	59N*A060V17**14
CNPV*6024A**	1.02	1.24	59N*A060V17**14
CNPV*6124A**	1.02	1.16	59N*A060V17**14
CNPV*3617A**	1.00	1.01	59N*A060V17**14
CNPV*4221A**	0.98	1.01	59N*A060V17**14
CNPV*4321A**	0.99	1.04	59N*A060V17**14
CNPV*4821A**	0.99	1.03	59N*A060V17**14
CNPV*6024A**	0.98	1.01	59N*A060V17**14
CNPV*6124A**	1.02	1.24	59N*A060V17**14
CNPV*3617A**	1.02	1.24	59N*A060V17**14
CNPV*4221A**	1.02	1.24	59N*A060V17**14
CNPV*4321A**	1.00	1.09	59N*A060V17**14
CNPV*4812A**	1.02	1.24	59N*A060V17**14
CNPV*4824A**	1.00	1.10	59N*A060V17**14
CNPV*6124A**	0.99	1.06	59N*A060V17**14
CNPV*3617A**	1.00	1.09	59N*A060V17**14
CNPV*4221A**	1.00	1.04	59N*A060V17**14
CNPV*4321A**	0.98	1.04	59N*A060V17**14
CNPV*4812A**	1.00	1.02	59N*A060V17**14
CNPV*4824A**	1.00	1.10	59N*A060V17**14
CNPV*6124A**	0.97	1.03	59N*A060V17**14
CNPV*3617A**	1.00	1.09	59N*A060V17**14
CSPH*6024A**	1.00	1.00	59N*A060V17**14
CSPH*6124A**	0.97	1.00	59N*A060V17**14

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CNPV*3617A**	1.02	1.23	59N*A100V21**20
CNPV*4221A**	1.02	1.15	59N*A100V21**20
CNPV*4321A**	0.98	1.01	59N*A100V21**20
CNPV*4821A**	0.99	1.04	59N*A100V21**20
CNPV*6024A**	0.99	1.03	59N*A100V21**20
CNPV*6124A**	0.98	1.01	59N*A100V21**20
CNPV*3621A**	1.02	1.23	59N*A100V21**20
CNPV*4221A**	0.99	1.08	59N*A100V21**20
CNPV*4324A**	0.98	1.00	59N*A100V21**20
CNPV*4821A**	0.98	1.03	59N*A100V21**20
CNPV*4824A**	0.98	1.03	59N*A100V21**20
CNPV*6024A**	0.97	1.00	59N*A100V21**20
CNPV*6124A**	0.98	0.99	59N*A100V21**20
CSPH*3612A**	1.01	1.10	59N*A100V21**20
CSPH*4212A**	1.01	1.07	59N*A100V21**20
CSPH*4812A**	0.99	1.04	59N*A100V21**20
CSPH*6012A**	0.99	1.02	59N*A100V21**20
CAP**4224A**	1.00	1.09	59N*A120V24**22
CAP**4824A**	0.97	1.01	59N*A120V24**22
CAP**6024A**	0.96	0.98	59N*A120V24**22
CNPV*3617A**	1.02	1.23	59N*A120V24**22
CNPV*4221A**	1.02	1.14	59N*A120V24**22
CNPV*4321A**	0.97	0.99	59N*A120V24**22
CNPV*4821A**	0.98	1.02	59N*A120V24**22
CNPV*6024A**	0.99	1.01	59N*A120V24**22
CNPV*6124A**	0.98	1.00	59N*A120V24**22
CNPV*3624A**	0.97	0.98	59N*A120V24**22
CNPV*4224A**	0.98	1.02	59N*A120V24**22
CNPV*4324A**	0.99	1.01	59N*A120V24**22
CNPV*6024A**	0.98	0.98	59N*A120V24**22
CNPV*6124A**	1.00	1.05	59N*A120V24**22
CSPH*4212A**	1.00	1.09	59N*A120V24**22
CSPH*4812A**	0.98	1.02	59N*A120V24**22
CSPH*6012A**	0.99	1.01	59N*A120V24**22

See notes on page 51

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)					
EDB ° F (° C)	ID SCFM	Capacity MBtuh		Total System KW†	ID SCFM	Capacity MBtuh		Total System KW†	ID SCFM	Capacity MBtuh		Total System KW†	Capacity MBtuh		Total System KW†	
		Total	Integ*			Total	Integ*			Total	Integ*		Total	Integ*		
65 (18.3)	1200	20.64	18.99	2.67	1200	27.29	25.07	3.07	1350	32.39	29.53	3.12	1200	36.70	32.59	3.19
70 (21.1)		20.35	18.72	2.80		27.01	24.82	3.23		32.14	29.30	3.30		36.42	32.35	3.37
75 (23.9)		20.00	18.40	2.92		26.71	24.54	3.39		31.86	29.05	3.48		36.14	32.10	3.57

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES ° F (° C)														
		37 (2.8)			47 (8.3)			57 (13.9)			67 (19.4)					
EDB ° F (° C)	ID SCFM	Capacity MBtuh		Total System KW†	ID SCFM	Capacity MBtuh		Total System KW†	ID SCFM	Capacity MBtuh		Total System KW†	Capacity MBtuh		Total System KW†	
		Total	Integ*			Total	Integ*			Total	Integ*		Total	Integ*		
65 (18.3)	1200	32.94	29.98	2.25	1200	33.69	33.69	1.93	1200	37.63	37.63	1.89	1200	42.35	42.35	1.87
70 (21.1)		32.69	29.74	2.41		33.40	33.40	2.07		37.22	37.22	2.04		41.77	41.77	2.02
75 (23.9)		32.42	29.51	2.57		33.10	33.10	2.23		36.86	36.86	2.20		41.22	41.22	2.17

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES ° F (° C)														
		-3 (-19.4)			7 (-13.9)			17 (-8.3)			27 (-2.8)					
EDB ° F (° C)	ID SCFM	Capacity MBtuh		Total System KW†	ID SCFM	Capacity MBtuh		Total System KW†	ID SCFM	Capacity MBtuh		Total System KW†	Capacity MBtuh		Total System KW†	
		Total	Integ*			Total	Integ*			Total	Integ*		Total	Integ*		
65 (18.3)	500	9.92	9.12	1.74	500	12.30	11.31	1.79	500	14.73	13.43	1.72	520	16.31	14.48	1.58
70 (21.1)		9.66	8.89	1.82		12.09	11.11	1.89		14.54	13.25	1.83		16.12	14.32	1.69
75 (23.9)		9.37	8.62	1.89		11.85	10.89	1.99		14.33	13.06	1.94		15.93	14.15	1.81

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES ° F (° C)														
		37 (2.8)			47 (8.3)			57 (13.9)			67 (19.4)					
EDB ° F (° C)	ID SCFM	Capacity MBtuh		Total System KW†	ID SCFM	Capacity MBtuh		Total System KW†	ID SCFM	Capacity MBtuh		Total System KW†	Capacity MBtuh		Total System KW†	
		Total	Integ*			Total	Integ*			Total	Integ*		Total	Integ*		
65 (18.3)	500	15.31	13.93	1.23	500	13.54	13.54	0.87	500	15.51	15.51	0.84	500	17.68	17.68	0.82
70 (21.1)		15.12	13.76	1.32		13.34	13.34	0.95		15.25	15.25	0.92		17.36	17.36	0.89
75 (23.9)		14.94	13.59	1.42		13.13	13.13	1.03		15.00	15.00	1.00		17.05	17.05	0.97

HEAT PUMP HEATING PERFORMANCE CONTINUED

25VNA036A**30 Outdoor Section With FEANB006 Indoor Section

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*FEANB006	1.00	1.00	
FE4AN(B)F003	1.07	1.24	
FE4AN(B)F005	1.00	1.03	
FE4ANF002	1.07	1.25	
CAP**3617A**	1.08	1.37	58CV(A)X070-12
CAP**3617A**	1.08	1.35	58CV(A)X070-12
CAP**4817A**	0.99	1.07	58CV(A)X070-12
CNP**3617A**	1.07	1.32	58CV(A)X070-12
CNP**4221A**	1.06	1.23	58CV(A)X070-12
CNP**4321A**	1.03	1.08	58CV(A)X070-12
CNP**4821A**	1.05	1.14	58CV(A)X070-12
CNP**6024A**	1.02	1.08	58CV(A)X070-12
CNP**6124A**	0.99	1.05	58CV(A)X070-12
CNP**3617A**	1.09	1.43	58CV(A)X070-12
CNP**3717A**	1.01	1.08	58CV(A)X070-12
CSPH**4217A**	1.04	1.15	58CV(A)X070-12
CSPH**3612A**	1.05	1.16	58CV(A)X070-12
CSPH**4212A**	1.04	1.13	58CV(A)X070-12
CSPH**4812A**	1.04	1.12	58CV(A)X070-12
CSPH**6012A**	1.01	1.06	58CV(A)X070-12
CAP**3617A**	1.07	1.32	58CV(A)X090-16
CAP**4817A**	1.06	1.32	58CV(A)X090-16
CAP**6024A**	1.07	1.31	58CV(A)X090-16
CNP**3617A**	1.05	1.18	58CV(A)X090-16
CNP**4221A**	0.98	1.03	58CV(A)X090-16
CNP**4817A**	1.00	1.06	58CV(A)X090-16
CAP**6024A**	0.98	1.02	58CV(A)X090-16
CNP**3617A**	1.07	1.30	58CV(A)X090-16
CNP**4221A**	1.05	1.19	58CV(A)X090-16
CNP**4321A**	1.02	1.05	58CV(A)X090-16
CNP**4817A**	1.04	1.10	58CV(A)X090-16
CNP**6024A**	1.01	1.05	58CV(A)X090-16
CNP**6124A**	0.98	1.01	58CV(A)X090-16
CNP**3617A**	1.08	1.39	58CV(A)X090-16
CNP**3621A**	1.01	1.04	58CV(A)X090-16
CNP**4217A**	1.03	1.12	58CV(A)X090-16
CNP**4221A**	1.04	1.15	58CV(A)X090-16
CNP**4821A**	1.02	1.08	58CV(A)X090-16
CSPH**4212A**	1.04	1.13	58CV(A)X090-16
CSPH**4812A**	1.04	1.10	58CV(A)X090-16
CSPH**6012A**	1.04	1.09	58CV(A)X090-16
CAP**3621A**	1.00	1.03	58CV(A)X090-16
CAP**3621A**	1.07	1.30	58CV(A)X110-20
CAP**4221A**	1.05	1.18	58CV(A)X110-20
CAP**4224A**	1.04	1.17	58CV(A)X110-20
CAP**4821A**	1.00	1.05	58CV(A)X110-20
CAP**4823A**	1.00	1.05	58CV(A)X110-20
CAP**4824A**	1.00	1.05	58CV(A)X110-20
CAP**6024A**	1.00	1.05	58CV(A)X110-20
CAP**6024A**	0.98	1.01	58CV(A)X110-20
CAP**6024A**	1.00	1.03	58CV(A)X110-20
CAP**6024A**	0.98	1.01	58CV(A)X110-20
CAP**6025A**	1.00	1.03	58CV(A)X110-20
CNP**3617A**	1.05	1.19	58CV(A)X110-20
CNP**4221A**	1.02	1.04	58CV(A)X110-20
CNP**4321A**	1.01	1.09	58CV(A)X110-20
CNP**4817A**	1.04	1.09	58CV(A)X110-20
CNP**6024A**	1.01	1.04	58CV(A)X110-20
CNP**6124A**	0.98	1.01	58CV(A)X110-20
CNP**3621A**	1.08	1.32	58CV(A)X110-20
CNP**3717A**	1.01	1.08	58CV(A)X110-20
CSPH**4217A**	1.04	1.15	58CV(A)X110-20
CSPH**3612A**	1.05	1.16	58CV(A)X110-20
CSPH**4212A**	1.04	1.13	58CV(A)X110-20
CSPH**4812A**	1.04	1.10	58CV(A)X110-20
CSPH**6012A**	1.04	1.09	58CV(A)X110-20
CAP**3621A**	1.00	1.03	58CV(A)X110-20
CAP**3621A**	1.07	1.30	58CV(A)X135-22
CAP**4221A**	1.05	1.18	58CV(A)X135-22
CAP**4224A**	1.04	1.17	58CV(A)X135-22
CAP**4821A**	1.00	1.05	58CV(A)X135-22
CAP**4823A**	1.00	1.05	58CV(A)X135-22
CAP**4824A**	1.00	1.05	58CV(A)X135-22
CAP**6024A**	1.00	1.05	58CV(A)X135-22
CAP**6024A**	0.98	1.01	58CV(A)X135-22
CAP**6025A**	1.00	1.03	58CV(A)X135-22
CNP**3617A**	1.09	1.43	58CV(A)X135-22
CNP**3717A**	1.01	1.08	58CV(A)X135-22
CSPH**4217A**	1.04	1.15	58CV(A)X135-22
CSPH**3612A**	1.05	1.16	58CV(A)X135-22
CSPH**4212A**	1.04	1.13	58CV(A)X135-22
CSPH**4812A**	1.04	1.10	58CV(A)X135-22
CSPH**6012A**	1.04	1.09	58CV(A)X135-22
CAP**3621A**	1.00	1.03	58CV(A)X135-22
CAP**3621A**	1.07	1.30	58CV(A)X155-22
CAP**4221A**	1.05	1.18	58CV(A)X155-22
CAP**4224A**	1.04	1.17	58CV(A)X155-22
CAP**4821A**	1.00	1.05	58CV(A)X155-22
CAP**4823A**	1.00	1.05	58CV(A)X155-22
CAP**4824A**	1.00	1.05	58CV(A)X155-22
CAP**6024A**	1.00	1.05	58CV(A)X155-22
CAP**6024A**	0.98	1.01	58CV(A)X155-22
CAP**6025A**	1.00	1.03	58CV(A)X155-22
CNP**3617A**	1.09	1.43	58CV(A)X155-22
CNP**3717A**	1.01	1.08	58CV(A)X155-22
CSPH**4217A**	1.04	1.15	58CV(A)X155-22
CSPH**3612A**	1.05	1.16	58CV(A)X155-22
CSPH**4212A**	1.04	1.13	58CV(A)X155-22
CSPH**4812A**	1.04	1.10	58CV(A)X155-22
CSPH**6012A**	1.04	1.09	58CV(A)X155-22
CAP**3621A**	1.00	1.03	58CV(A)X155-22
CAP**3621A**	1.07	1.30	58CV(A)X185-22
CAP**4221A**	1.05	1.18	58CV(A)X185-22
CAP**4224A**	1.04	1.17	58CV(A)X185-22
CAP**4821A**	1.00	1.05	58CV(A)X185-22
CAP**4823A**	1.00	1.05	58CV(A)X185-22
CAP**4824A**	1.00	1.05	58CV(A)X185-22
CAP**6024A**	1.00	1.05	58CV(A)X185-22
CAP**6024A**	0.98	1.01	58CV(A)X185-22
CAP**6025A**	1.00	1.03	58CV(A)X185-22
CNP**3617A**	1.09	1.43	58CV(A)X185-22
CNP**3717A**	1.01	1.08	58CV(A)X185-22
CSPH**4217A**	1.04	1.15	58CV(A)X185-22
CSPH**3612A**	1.05	1.16	58CV(A)X185-22
CSPH**4212A**	1.04	1.13	58CV(A)X185-22
CSPH**4812A**	1.04	1.10	58CV(A)X185-22
CSPH**6012A**	1.04	1.09	58CV(A)X185-22
CAP**3621A**	1.00	1.03	58CV(A)X185-22

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CNPV**4217A**	1.03	1.12	58MV(B)C080-14
CNPV**4221A**	1.04	1.16	58MV(B)C080-14
CNPV**4817A**	1.02	1.08	58MV(B)C080-14
CSPH**3612A**	1.04	1.13	58MV(B)C080-14
CSPH**4212A**	1.04	1.10	58MV(B)C080-14
CSPH**4812A**	1.04	1.09	58MV(B)C080-14
CSPH**6012A**	1.04	1.03	58MV(B)C080-14
CAP**3621A**	1.00	1.03	58MV(B)C080-14
CAP**4221A**	1.05	1.21	58MV(B)C080-14
CAP**4224A**	1.05	1.21	58MV(B)C080-14
CAP**4821A**	1.01	1.09	58MV(B)C080-14
CAP**4823A**	1.01	1.09	58MV(B)C080-14
CAP**4824A**	1.01	1.08	58MV(B)C080-14
CAP**6024A**	0.99	1.06	58MV(B)C080-14
CAP**6024A**	0.99	1.05	58MV(B)C080-14
CAP**6025A**	1.00	1.06	58MV(B)C080-14
CNP**3617A**	1.07	1.33	58MV(B)C080-14
CNP**4221A**	1.06	1.23	58MV(B)C080-14
CNP**4321A**	1.03	1.12	58MV(B)C080-14
CNP**4817A**	1.04	1.18	58MV(B)C080-14
CNP**6024A**	1.02	1.08	58MV(B)C080-14
CNP**6124A**	0.99	1.05	58MV(B)C080-14
CNP**3621A**	1.09	1.42	58MV(B)C080-14
CNPV**4221A**	1.04	1.19	58MV(B)C080-14
CNPV**4224A**	1.01	1.06	58MV(B)C080-14
CNPV**4817A**	1.03	1.11	58MV(B)C080-14
CNPV**4824A**	1.03	1.11	58MV(B)C080-14
CNPV**6124A**	0.99	1.03	58MV(B)C080-14
CSPH**3612A**	1.05	1.16	58MV(B)C080-14
CSPH**4212A**	1.04	1.13	58MV(B)C080-14
CSPH**4812A**	1.04	1.12	58MV(B)C080-14
CSPH**6012A**	1.01	1.06	58MV(B)C080-14
CAP**3621A**	1.07	1.32	58MV(B)C080-20
CAP**4221A**	1.05	1.20	58MV(B)C080-20
CAP**4224A**	1.05	1.19	58MV(B)C080-20
CAP**4821A**	1.01	1.08	58MV(B)C080-20
CAP**4823A**	1.01	1.08	58MV(B)C080-20
CAP**4824A**	1.00	1.07	58MV(B)C080-20
CAP**6024A**	0.99	1.04	58MV(B)C080-20
CAP**6024A**	0.99	1.04	58MV(B)C080-20
CAP**6025A**	1.00	1.05	58MV(B)C080-20
CNP**3617A**	1.07	1.32	58MV(B)C080-20
CNP**4221A**	1.05	1.21	58MV(B)C080-20
CNP**4321A**	1.03	1.07	58MV(B)C080-20
CNP**4817A**	1.04	1.11	58MV(B)C080-20
CNP**6024A**	1.02	1.06	58MV(B)C080-20
CNP**6124A**	0.98	1.03	58MV(B)C080-20
CNPV**3621A**	1.08	1.40	58MV(B)C080-20
CNPV**4221A**	1.04	1.18	58MV(B)C080-20
CNPV**4324A**	1.01	1.04	58MV(B)C080-20
CNPV**4817A**	1.02	1.09	58MV(B)C080-20
CNPV**4824A**	1.02	1.09	58MV(B)C080-20
CNPV**6124A**	1.02	1.05	58MV(B)C080-20
CSPH**3612A**	1.05	1.15	58MV(B)C080-20
CSPH**4212A**	1.04	1.11	58MV(B)C080-20
CSPH**4812A**	1.04	1.10	58MV(B)C080-20
CSPH**6012A**	1.01	1.05	58MV(B)C080-20
CAP**3621A**	1.07	1.32	58MV(B)C100-20
CAP**4221A**	1.05	1.19	58MV(B)C100-20
CAP**4224A**	1.04	1.18	58MV(B)C100-20

HEAT PUMP HEATING PERFORMANCE CONTINUED

25VNA036A**30 Outdoor Section With F6ANB006 Indoor Section

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CAP**4224A**	1.05	1.19	58MV(B,C)100-20
CAP**4821A**	1.01	1.07	58MV(B,C)100-20
CAP**4823A**	1.01	1.07	58MV(B,C)100-20
CAP**4824A**	1.00	1.06	58MV(B,C)100-20
CAP**6021A**	0.99	1.04	58MV(B,C)100-20
CAP**6024A**	0.99	1.04	58MV(B,C)100-20
CAP**6025A**	1.01	1.05	58MV(B,C)100-20
CNP**3617A**	1.07	1.30	58MV(B,C)100-20
CNP**4221A**	1.05	1.21	58MV(B,C)100-20
CNP**4321A**	1.02	1.06	58MV(B,C)100-20
CNP**4821A**	1.04	1.11	58MV(B,C)100-20
CNP**6024A**	1.02	1.06	58MV(B,C)100-20
CNP**6124A**	0.98	1.02	58MV(B,C)100-20
CNP**3621A**	1.08	1.39	58MV(B,C)100-20
CNP**4221A**	1.04	1.17	58MV(B,C)100-20
CNP**4324A**	1.01	1.04	58MV(B,C)100-20
CNP**4821A**	1.02	1.09	58MV(B,C)100-20
CNP**4824A**	1.02	1.09	58MV(B,C)100-20
CNP**6124A**	0.99	1.02	58MV(B,C)100-20
CNP**4812A**	1.04	1.14	58MV(B,C)100-20
CNP**4221A**	1.01	1.11	58MV(B,C)100-20
CNP**4821A**	1.01	1.10	58MV(B,C)100-20
CNP**6024A**	1.00	1.04	58MV(B,C)100-20
CNP**6124A**	1.00	1.04	58MV(B,C)100-20
CAP**4224A**	1.05	1.18	58MV(B,C)120-20
CAP**4824A**	1.00	1.05	58MV(B,C)120-20
CAP**6024A**	0.98	1.02	58MV(B,C)120-20
CAP**6025A**	1.00	1.03	58MV(B,C)120-20
CNP**3617A**	1.07	1.30	58MV(B,C)120-20
CNP**4221A**	1.05	1.20	58MV(B,C)120-20
CNP**4321A**	1.02	1.05	58MV(B,C)120-20
CNP**4821A**	1.04	1.10	58MV(B,C)120-20
CNP**6024A**	1.01	1.05	58MV(B,C)120-20
CNP**6124A**	0.98	1.01	58MV(B,C)120-20
CNP**4324A**	1.01	1.03	58MV(B,C)120-20
CNP**4824A**	1.02	1.08	58MV(B,C)120-20
CNP**6124A**	0.99	1.00	58MV(B,C)120-20
CNP**3612A**	1.04	1.13	58MV(B,C)120-20
CNP**4212A**	1.04	1.10	58MV(B,C)120-20
CNP**4812A**	1.04	1.09	58MV(B,C)120-20
CNP**6012A**	1.00	1.03	58MV(B,C)120-20
CAP**4224A**	1.05	1.20	58MV(B,C)120-20
CAP**4824A**	1.01	1.08	58MV(B,C)120-20
CAP**6024A**	1.01	1.05	58MV(B,C)120-20
CAP**6025A**	1.01	1.05	58MV(B,C)120-20
CNP**3617A**	1.07	1.38	59*N*A060V17**14
CNP**4221A**	1.05	1.20	59*N*A060V17**14
CNP**4321A**	1.02	1.05	59*N*A060V17**14
CNP**4821A**	1.04	1.10	59*N*A060V17**14
CNP**6024A**	1.01	1.05	59*N*A060V17**14
CNP**6124A**	1.01	1.05	59*N*A060V17**14
CAP**4224A**	1.05	1.20	59*N*A060V17**14
CAP**4824A**	1.01	1.08	59*N*A060V17**14
CAP**6024A**	1.01	1.05	59*N*A060V17**14
CAP**6025A**	1.01	1.05	59*N*A060V17**14
CNP**3617A**	1.07	1.38	59*N*A100V21**20
CNP**4221A**	1.05	1.20	59*N*A100V21**20
CNP**4321A**	1.02	1.05	59*N*A100V21**20
CNP**4821A**	1.04	1.10	59*N*A100V21**20
CNP**6024A**	1.01	1.05	59*N*A100V21**20
CNP**6124A**	1.01	1.05	59*N*A100V21**20
CAP**4224A**	1.05	1.20	59*N*A100V21**20
CAP**4824A**	1.01	1.08	59*N*A100V21**20
CAP**6024A**	1.01	1.05	59*N*A100V21**20
CAP**6025A**	1.01	1.05	59*N*A100V21**20

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CAP**3621A**	1.08	1.37	59*N*A060V17**14
CAP**4221A**	1.07	1.26	59*N*A060V17**14
CAP**4817A**	1.01	1.11	59*N*A060V17**14
CAP**4821A**	1.01	1.13	59*N*A060V17**14
CAP**6021A**	0.99	1.09	59*N*A060V17**14
CNP**3617A**	1.04	1.24	59*N*A060V17**14
CNP**4221A**	1.05	1.23	59*N*A060V17**14
CNP**4321A**	1.01	1.10	59*N*A060V17**14
CNP**6024A**	1.02	1.11	59*N*A060V17**14
CNP**6124A**	1.01	1.10	59*N*A060V17**14
CNP**3621A**	1.08	1.39	59*N*A060V17**14
CNP**3717A**	1.03	1.12	59*N*A060V17**14
CNP**4217A**	1.04	1.19	59*N*A060V17**14
CNP**4821A**	1.05	1.23	59*N*A060V17**14
CNP**4821A**	1.03	1.14	59*N*A060V17**14
CSPH**3612A**	1.07	1.25	59*N*A060V17**14
CSPH**4212A**	1.05	1.17	59*N*A060V17**14
CSPH**4812A**	1.02	1.13	59*N*A060V17**14
CSPH**6012A**	1.01	1.10	59*N*A060V17**14
CAP**3617A**	1.08	1.36	59*N*A060V17**14
CAP**3619A**	1.08	1.36	59*N*A060V17**14
CAP**3621A**	1.08	1.36	59*N*A060V17**14
CAP**4221A**	1.06	1.23	59*N*A060V17**14
CAP**4817A**	1.00	1.08	59*N*A060V17**14
CAP**4821A**	1.01	1.10	59*N*A060V17**14
CAP**6021A**	0.99	1.07	59*N*A060V17**14
CNP**3617A**	1.08	1.41	59*N*A060V17**14
CNP**4221A**	1.05	1.21	59*N*A060V17**14
CNP**4321A**	1.01	1.07	59*N*A060V17**14
CNP**6024A**	1.02	1.12	59*N*A060V17**14
CNP**6124A**	1.01	1.08	59*N*A060V17**14
CNP**4324A**	1.00	1.07	59*N*A060V17**14
CNP**4824A**	1.08	1.37	59*N*A060V17**14
CNP**3621A**	1.08	1.42	59*N*A060V17**14
CNP**3717A**	1.02	1.09	59*N*A060V17**14
CNP**4217A**	1.04	1.16	59*N*A060V17**14
CNP**4221A**	1.11	1.57	59*N*A060V17**14
CNP**4821A**	1.02	1.12	59*N*A060V17**14
CSPH**3612A**	1.07	1.21	59*N*A060V17**14
CSPH**4212A**	1.04	1.14	59*N*A060V17**14
CSPH**4812A**	1.01	1.10	59*N*A060V17**14
CSPH**6012A**	1.01	1.07	59*N*A060V17**14
CAP**3621A**	1.07	1.32	59*N*A100V21**20
CAP**4221A**	1.05	1.21	59*N*A100V21**20
CAP**4224A**	1.05	1.21	59*N*A100V21**20
CAP**4821A**	1.00	1.08	59*N*A100V21**20
CAP**4825A**	1.00	1.08	59*N*A100V21**20
CAP**6024A**	1.00	1.07	59*N*A100V21**20
CAP**6025A**	1.00	1.07	59*N*A100V21**20
CNP**3617A**	0.98	1.04	59*N*A100V21**20
CNP**4221A**	1.04	1.18	59*N*A100V21**20
CNP**4321A**	1.01	1.05	59*N*A100V21**20
CNP**4821A**	1.02	1.09	59*N*A100V21**20
CNP**6024A**	1.01	1.06	59*N*A100V21**20
CNP**6124A**	0.99	1.04	59*N*A100V21**20

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CNPV**3621A**	1.08	1.40	59*N*A100V21**20
CNPV**4221A**	1.04	1.18	59*N*A100V21**20
CNPV**4324A**	1.00	1.04	59*N*A100V21**20
CNPV**4821A**	1.02	1.09	59*N*A100V21**20
CNPV**4824A**	1.02	1.09	59*N*A100V21**20
CNPV**6024A**	1.01	1.06	59*N*A100V21**20
CNPV**6124A**	1.00	1.03	59*N*A100V21**20
CSPH**3612A**	1.06	1.19	59*N*A100V21**20
CSPH**4212A**	1.04	1.12	59*N*A100V21**20
CSPH**6012A**	1.01	1.07	59*N*A100V21**20
CSPH**6012A**	1.01	1.05	59*N*A100V21**20
CAP**4224A**	1.05	1.18	59*N*A120V24**22
CAP**4824A**	0.99	1.05	59*N*A120V24**22
CAP**6024A**	0.98	1.02	59*N*A120V24**22
CAP**6025A**	1.01	1.04	59*N*A120V24**22
CNP**3617A**	1.08	1.38	59*N*A120V24**22
CNP**4221A**	1.04	1.16	59*N*A120V24**22
CNP**4321A**	1.00	1.03	59*N*A120V24**22
CNP**4821A**	1.02	1.07	59*N*A120V24**22
CNP**6024A**	1.00	1.03	59*N*A120V24**22
CNP**6124A**	0.99	1.02	59*N*A120V24**22
CNPV**4324A**	1.00	1.02	59*N*A120V24**22
CNPV**6024A**	1.01	1.04	59*N*A120V24**22
CNPV**6124A**	1.01	1.04	59*N*A120V24**22
CSPH**3612A**	1.05	1.17	59*N*A120V24**22
CSPH**4212A**	1.04	1.10	59*N*A120V24**22
CSPH**6012A**	1.01	1.03	59*N*A120V24**22

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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)					
EDB ° F (° C)	ID SCFM	Capacity MBtuh		Total System KWt	ID SCFM	Capacity MBtuh		Total System KWt	ID SCFM	Capacity MBtuh		Total System KWt	Capacity MBtuh		Total System KWt	
		Total	Integ*			Total	Integ*			Total	Integ*		Total	Integ*		
65 (18.3)	1800	31.83	29.29	3.91	1800	43.78	40.23	4.98	1800	52.18	47.57	5.41	1800	53.92	47.89	4.78
70 (21.1)		31.46	28.95	4.07		43.42	39.90	5.20		51.86	47.28	5.66		53.57	47.58	5.01
75 (23.9)		31.02	28.54	4.23		43.01	39.53	5.42		51.52	46.97	5.91		53.21	47.26	5.26
25VNA048A**30 Outdoor Section With FE4ANB006 Indoor Section - Maximum																

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES ° F (° C)														
		37 (2.8)			47 (8.3)			57 (13.9)			67 (19.4)					
EDB ° F (° C)	ID SCFM	Capacity MBtuh		Total System KWt	ID SCFM	Capacity MBtuh		Total System KWt	ID SCFM	Capacity MBtuh		Total System KWt	Capacity MBtuh		Total System KWt	
		Total	Integ*			Total	Integ*			Total	Integ*		Total	Integ*		
65 (18.3)	1800	51.12	46.52	3.76	1640	45.90	45.90	2.80	1640	52.16	52.16	2.89	1640	58.98	58.98	2.99
70 (21.1)		50.74	46.17	3.96		45.50	45.50	2.96		51.68	51.68	3.05		58.38	58.38	3.15
75 (23.9)		50.35	45.82	4.17		45.11	45.11	3.13		51.18	51.18	3.22		57.74	57.74	3.31
25VNA048A**30 Outdoor Section With FE4ANB006 Indoor Section - Maximum																

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES ° F (° C)														
		-3 (-19.4)			7 (-13.9)			17 (-8.3)			27 (-2.8)					
EDB ° F (° C)	ID SCFM	Capacity MBtuh		Total System KWt	ID SCFM	Capacity MBtuh		Total System KWt	ID SCFM	Capacity MBtuh		Total System KWt	Capacity MBtuh		Total System KWt	
		Total	Integ*			Total	Integ*			Total	Integ*		Total	Integ*		
65 (18.3)	580	17.91	16.48	2.28	580	22.07	20.28	2.49	700	26.40	24.07	2.53	840	30.60	27.18	2.47
70 (21.1)		17.53	16.13	2.37		21.76	20.00	2.60		26.15	23.84	2.66		30.36	26.96	2.62
75 (23.9)		17.09	15.73	2.45		21.40	19.67	2.71		25.87	23.58	2.80		30.10	26.73	2.77
25VNA048A**30 Outdoor Section With FE4ANB006 Indoor Section - Minimum																

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES ° F (° C)														
		37 (2.8)			47 (8.3)			57 (13.9)			67 (19.4)					
EDB ° F (° C)	ID SCFM	Capacity MBtuh		Total System KWt	ID SCFM	Capacity MBtuh		Total System KWt	ID SCFM	Capacity MBtuh		Total System KWt	Capacity MBtuh		Total System KWt	
		Total	Integ*			Total	Integ*			Total	Integ*		Total	Integ*		
65 (18.3)	700	28.71	26.13	2.08	630	24.62	24.62	1.49	780	28.16	28.16	1.44	820	31.91	31.91	1.47
70 (21.1)		28.46	25.90	2.21		24.37	24.37	1.59		27.86	27.86	1.53		31.58	31.58	1.57
75 (23.9)		28.21	25.67	2.34		24.11	24.11	1.69		27.56	27.56	1.63		31.21	31.21	1.66
25VNA048A**30 Outdoor Section With FE4ANB006 Indoor Section - Minimum																

HEAT PUMP HEATING PERFORMANCE CONTINUED

25VNA048A**30 Outdoor Section With FE4NAB006 Indoor Section

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*FE4NAB006	1.00	1.00	
FE4NAB FJ005	1.02	1.07	
CAP**4817A**	1.00	1.08	58CV(A.X)090-16
CAP**4821A**	1.01	1.10	58CV(A.X)090-16
CAP**6021A**	0.99	1.06	58CV(A.X)090-16
CNPV*4821A**	1.02	1.10	58CV(A.X)090-16
CNPV*6024A**	1.00	1.07	58CV(A.X)090-16
CNPV*6124A**	1.01	1.06	58CV(A.X)090-16
CNPV*4821A**	1.02	1.10	58CV(A.X)090-16
CSPH*4812A**	1.01	1.06	58CV(A.X)090-16
CAP**4823A**	1.00	1.08	58CV(A.X)110-20
CAP**6024A**	1.00	1.05	58CV(A.X)110-20
CNPV*4821A**	1.01	1.08	58CV(A.X)110-20
CNPV*6024A**	1.00	1.05	58CV(A.X)110-20
CNPV*6124A**	1.01	1.05	58CV(A.X)110-20
CNPV*4821A**	1.01	1.05	58CV(A.X)110-20
CSPH*6124A**	1.01	1.05	58CV(A.X)110-20
CNPV*4821A**	1.01	1.08	58CV(A.X)135-22
CAP**4824A**	1.00	1.06	58CV(A.X)135-22
CAP**6025A**	0.98	1.01	58CV(A.X)135-22
CNPV*4821A**	1.01	1.06	58CV(A.X)135-22
CNPV*6024A**	0.99	1.03	58CV(A.X)135-22
CNPV*6124A**	1.00	1.02	58CV(A.X)135-22
CNPV*4824A**	1.01	1.06	58CV(A.X)135-22
CNPV*6024A**	0.99	1.03	58CV(A.X)135-22
CNPV*6124A**	1.01	1.02	58CV(A.X)135-22
CNPV*4821A**	1.01	1.06	58CV(A.X)155-22
CAP**6025A**	0.98	1.01	58CV(A.X)155-22
CNPV*4821A**	1.01	1.06	58CV(A.X)155-22
CNPV*6024A**	0.98	1.01	58CV(A.X)155-22
CNPV*6124A**	1.01	1.06	58CV(A.X)155-22
CNPV*4824A**	1.01	1.05	58CV(A.X)155-22
CNPV*6024A**	0.99	1.01	58CV(A.X)155-22
CNPV*6124A**	1.01	1.06	58CV(A.X)155-22
CNPV*4821A**	1.01	1.05	58CV(A.X)155-22
CNPV*6024A**	0.99	1.00	58CV(A.X)155-22
CNPV*6124A**	1.01	1.05	58CV(A.X)155-22
CNPV*4821A**	1.01	1.12	58MV(B.C)080-20
CAP**4823A**	1.01	1.12	58MV(B.C)080-20
CAP**4824A**	1.01	1.11	58MV(B.C)080-20
CAP**6024A**	1.00	1.09	58MV(B.C)080-20
CNPV*6021A**	1.00	1.08	58MV(B.C)080-20
CAP**6025A**	1.00	1.08	58MV(B.C)080-20
CNPV*6124A**	1.02	1.13	58MV(B.C)080-20
CNPV*4821A**	1.00	1.08	58MV(B.C)080-20
CNPV*6024A**	1.02	1.10	58MV(B.C)080-20
CNPV*6124A**	1.02	1.12	58MV(B.C)080-20

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
CNPV*4824A**	1.02	1.13	58MV(B.C)080-20
CNPV*6024A**	1.00	1.08	58MV(B.C)080-20
CNPV*6124A**	1.02	1.08	58MV(B.C)080-20
CSPH*4812A**	1.02	1.12	58MV(B.C)080-20
CSPH*6012A**	1.01	1.07	58MV(B.C)080-20
CAP**4821A**	1.01	1.12	58MV(B.C)100-20
CAP**4823A**	1.01	1.12	58MV(B.C)100-20
CAP**4824A**	1.01	1.11	58MV(B.C)100-20
CAP**6024A**	0.99	1.07	58MV(B.C)100-20
CAP**6025A**	0.99	1.07	58MV(B.C)100-20
CNPV*4821A**	1.02	1.12	58MV(B.C)100-20
CNPV*6024A**	1.00	1.08	58MV(B.C)100-20
CNPV*6124A**	1.01	1.08	58MV(B.C)100-20
CNPV*4821A**	1.02	1.12	58MV(B.C)100-20
CNPV*4824A**	1.02	1.12	58MV(B.C)100-20
CNPV*6024A**	1.00	1.08	58MV(B.C)100-20
CNPV*6124A**	1.02	1.07	58MV(B.C)100-20
CSPH*4812A**	1.02	1.11	58MV(B.C)100-20
CSPH*6012A**	1.00	1.07	58MV(B.C)100-20
CAP**4824A**	1.00	1.08	58MV(B.C)120-20
CAP**6024A**	0.99	1.06	58MV(B.C)120-20
CAP**6025A**	0.99	1.06	58MV(B.C)120-20
CNPV*4821A**	1.01	1.09	58MV(B.C)120-20
CNPV*6024A**	1.00	1.06	58MV(B.C)120-20
CNPV*6124A**	1.01	1.06	58MV(B.C)120-20
CNPV*4821A**	1.01	1.09	58MV(B.C)120-20
CNPV*6024A**	1.00	1.06	58MV(B.C)120-20
CNPV*6124A**	1.02	1.06	58MV(B.C)120-20
CSPH*4812A**	1.02	1.10	58MV(B.C)120-20
CSPH*6012A**	1.00	1.05	58MV(B.C)120-20
CAP**4821A**	1.00	1.11	59*N*A100V21**20
CAP**4823A**	1.01	1.13	59*N*A100V21**20
CAP**4824A**	1.00	1.11	59*N*A100V21**20
CAP**6024A**	0.99	1.08	59*N*A100V21**20
CAP**6025A**	0.99	1.08	59*N*A100V21**20
CNPV*4821A**	1.01	1.11	59*N*A100V21**20
CNPV*6024A**	1.02	1.11	59*N*A100V21**20
CNPV*6124A**	1.01	1.11	59*N*A100V21**20
CNPV*4821A**	1.01	1.09	59*N*A100V21**20
CNPV*4812A**	1.01	1.11	59*N*A100V21**20
CNPV*6012A**	1.02	1.09	59*N*A100V21**20
CAP**4824A**	1.00	1.08	59*N*A120V24**22
CAP**6024A**	0.98	1.04	59*N*A120V24**22
CAP**6025A**	0.98	1.04	59*N*A120V24**22
CNPV*4821A**	1.01	1.09	59*N*A120V24**22
CNPV*6024A**	1.01	1.07	59*N*A120V24**22
CNPV*6124A**	1.01	1.07	59*N*A120V24**22
CNPV*4821A**	1.01	1.04	59*N*A120V24**22
CNPV*6024A**	1.01	1.08	59*N*A120V24**22
CNPV*6124A**	1.01	1.05	59*N*A120V24**22
CNPV*4821A**	1.01	1.05	59*N*A120V24**22

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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)					
EDB ° F (° C)	ID SCFM	Capacity MBtuh		Total System KW†	ID SCFM	Capacity MBtuh		Total System KW†	ID SCFM	Capacity MBtuh		Total System KW†	Capacity MBtuh		Total System KW†	
		Total	Integ*			Total	Integ*			Total	Integ*		Total	Integ*		
25VNA060A**30 Outdoor Section With FE4ANB006 Indoor Section – Maximum																
65 (18.3)	2250	37.76	34.74	5.33	2250	45.75	42.05	5.79	2250	56.63	51.63	6.62	2100	62.81	55.61	6.44
70 (21.1)	2250	37.37	34.38	5.54	2250	45.42	41.74	6.03	2250	56.32	51.35	6.91	2100	62.22	55.26	6.73
75 (23.9)		36.90	33.94	5.73		45.04	41.39	6.28		55.97	51.03	7.21		61.83	54.92	7.04

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES ° F (° C)														
		37 (2.8)			47 (8.3)			57 (13.9)			67 (19.4)					
EDB ° F (° C)	ID SCFM	Capacity MBtuh		Total System KW†	ID SCFM	Capacity MBtuh		Total System KW†	ID SCFM	Capacity MBtuh		Total System KW†	Capacity MBtuh		Total System KW†	
		Total	Integ*			Total	Integ*			Total	Integ*		Total	Integ*		
25VNA060A**30 Outdoor Section With FE4ANB006 Indoor Section – Maximum																
65 (18.3)	2000	60.88	55.40	5.22	2000	55.78	55.78	3.95	1700	57.61	57.61	3.57	1625	59.14	59.14	3.23
70 (21.1)	2000	60.45	55.01	5.48	2000	55.30	55.30	4.15	1700	57.05	57.05	3.76	1625	58.51	58.51	3.40
75 (23.9)		59.99	54.59	5.74		54.83	54.83	4.37		56.50	56.50	3.96		57.89	57.89	3.58

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES ° F (° C)														
		-3 (-19.4)			7 (-13.9)			17 (-8.3)			27 (-2.8)					
EDB ° F (° C)	ID SCFM	Capacity MBtuh		Total System KW†	ID SCFM	Capacity MBtuh		Total System KW†	ID SCFM	Capacity MBtuh		Total System KW†	Capacity MBtuh		Total System KW†	
		Total	Integ*			Total	Integ*			Total	Integ*		Total	Integ*		
25VNA060A**30 Outdoor Section With FE4ANB006 Indoor Section – Minimum																
65 (18.3)	580	18.15	16.70	2.51	580	22.36	20.55	2.74	700	26.75	24.39	2.78	800	31.31	27.80	2.82
70 (21.1)	580	17.77	16.34	2.61	580	22.05	20.26	2.86	700	26.49	24.16	2.93	800	31.05	27.58	2.98
75 (23.9)		17.32	15.93	2.69		21.68	19.93	2.98		26.21	23.89	3.08		30.78	27.34	3.15

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES ° F (° C)														
		37 (2.8)			47 (8.3)			57 (13.9)			67 (19.4)					
EDB ° F (° C)	ID SCFM	Capacity MBtuh		Total System KW†	ID SCFM	Capacity MBtuh		Total System KW†	ID SCFM	Capacity MBtuh		Total System KW†	Capacity MBtuh		Total System KW†	
		Total	Integ*			Total	Integ*			Total	Integ*		Total	Integ*		
25VNA060A**30 Outdoor Section With FE4ANB006 Indoor Section – Minimum																
65 (18.3)	700	29.07	26.45	2.29	625	24.94	24.94	1.65	800	28.56	28.56	1.57	815	32.32	32.32	1.62
70 (21.1)	700	28.82	26.22	2.43	625	24.69	24.69	1.75	800	28.25	28.25	1.67	815	31.99	31.99	1.73
75 (23.9)		28.56	25.99	2.57		24.43	24.43	1.86		27.94	27.94	1.78		31.62	31.62	1.83

HEAT PUMP HEATING PERFORMANCE CONTINUED

25VNA060A**30 Outdoor Section With FE4ANB006 Indoor Section

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*FE4ANB006	1.00	1.00		CNPV*6124A**	1.00	0.99	58CV(A,X)155-22	CNPV*6124A**	1.00	1.05	58MV(B,C)120-20
CAP**6021A**	1.00	1.05	58CV(A,X)110-20	CNPV*6124A**	1.00	0.99	58CV(A,X)155-22	CNPV*6024A**	1.02	1.07	58MV(B,C)120-20
CNPV*6124A**	1.00	1.04	58CV(A,X)110-20	CSPH*6012A**	0.99	1.00	58CV(A,X)155-22	CNPV*6124A**	1.01	1.04	58MV(B,C)120-20
CNPV*6124A**	0.99	1.03	58CV(A,X)110-20	CAP**6021A**	1.01	1.09	58MV(B,C)080-20	CSPH*6012A**	1.00	1.04	58MV(B,C)120-20
CNPV*6024A**	1.03	1.10	58CV(A,X)110-20	CNPV*6024A**	1.01	1.09	58MV(B,C)080-20	CAP**6021A**	1.03	1.05	59*N*A100V21**20
CNPV*6124A**	1.02	1.07	58CV(A,X)110-20	CNPV*6124A**	1.00	1.07	58MV(B,C)080-20	CAP**6024A**	1.03	1.12	59*N*A100V21**20
CSPH*6012A**	1.00	1.03	58CV(A,X)110-20	CNPV*6024A**	1.00	1.00	58MV(B,C)080-20	CAP**6025A**	1.02	1.08	59*N*A100V21**20
CAP**6024A**	0.99	1.02	58CV(A,X)135-22	CNPV*6124A**	1.04	1.09	58MV(B,C)080-20	CNPV*6024A**	1.00	1.04	59*N*A100V21**20
CAP**6025A**	0.99	1.02	58CV(A,X)135-22	CSPH*6012A**	1.01	1.08	58MV(B,C)080-20	CNPV*6124A**	1.08	1.14	59*N*A100V21**20
CNPV*6024A**	0.99	1.02	58CV(A,X)135-22	CSPH*6012A**	1.01	1.08	58MV(B,C)080-20	CNPV*6024A**	0.99	1.06	59*N*A100V21**20
CNPV*6124A**	1.01	1.04	58CV(A,X)135-22	CAP**6021A**	1.01	1.09	58MV(B,C)100-20	CNPV*6124A**	1.06	1.12	59*N*A100V21**20
CNPV*6124A**	1.00	1.01	58CV(A,X)135-22	CNPV*6024A**	1.01	1.08	58MV(B,C)100-20	CSPH*6012A**	0.98	1.05	59*N*A100V21**20
CSPH*6012A**	0.99	1.01	58CV(A,X)135-22	CNPV*6124A**	1.00	1.07	58MV(B,C)100-20	CAP**6024A**	1.03	1.11	59*N*A120V24**22
CAP**6024A**	0.99	1.01	58CV(A,X)135-22	CNPV*6024A**	1.04	1.12	58MV(B,C)100-20	CAP**6025A**	1.03	1.11	59*N*A120V24**22
CAP**6025A**	0.99	1.01	58CV(A,X)155-22	CNPV*6124A**	1.03	1.08	56MV(B,C)100-20	CNPV*6024A**	1.04	1.12	59*N*A120V24**22
CNPV*6024A**	0.99	1.01	58CV(A,X)155-22	CSPH*6012A**	1.00	1.06	58MV(B,C)100-20	CNPV*6124A**	1.05	1.11	59*N*A120V24**22
CNPV*6124A**	0.98	1.00	58CV(A,X)155-22	CAP**6024A**	1.00	1.05	58MV(B,C)120-20	CNPV*6024A**	1.04	1.12	59*N*A120V24**22
CNPV*6024A**	1.00	1.02	58CV(A,X)155-22	CAP**6025A**	1.00	1.05	58MV(B,C)120-20	CNPV*6124A**	1.05	1.11	59*N*A120V24**22
				CNPV*6024A**	1.00	1.05	58MV(B,C)120-20	CSPH*6012A**	1.04	1.10	59*N*A120V24**22

* Tested combination.

† 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.

‡ 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.

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

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

Delivery, Storage, and Handling

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

Warranty (for inclusion by specifying engineer)

- U.S. and Canada only.

PRODUCTS

Equipment

- Factory-assembled, single-piece, air-cooled heat pump unit. Contained within the unit enclosure is all factory wiring, piping, controls, compressor, refrigerant charge Puron® (R-410A) refrigerant, 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, forward swept blade, discharging air upward.

AIR-COOLED, SPLIT-SYSTEM HEAT PUMP

25VNA

2 TO 5 NOMINAL TONS

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

Compressor

- Compressor will be hermetically sealed.
- Compressor will be mounted on rubber vibration isolators.
- Compressor will be covered with a sound absorbing blanket.

Condenser Coil

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

Refrigeration Components

- Refrigeration circuit components will include liquid-line front-seating shutoff valve with sweat connections, vapor-line front-seating shutoff valve with sweat connections, system charge of Puron® (R-410A) refrigerant, POE compressor oil, accumulator, charge compensator, electronic expansion valve, and reversing valve.
- Unit will be equipped with high-pressure switch, suction pressure transducer, and filter drier for Puron® refrigerant.

Operating Characteristics

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

Electrical Requirements

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

Special Features

- Refer to section of this literature identifying accessories and descriptions for specific features and available enhancements.
- Infinity control with appropriate software version is required for full featured operation.

SYSTEM DESIGN SUMMARY

1. Intended for outdoor installation with free air inlet and outlet. Outdoor fan external static pressure available is less than 0.01-in. wc.
2. This product is qualified for low ambient cooling operation (below 55°F / 12.8°C) with an Infinity User Interface **ONLY**.
3. The maximum outdoor operating ambient in cooling mode is 125°F (51.67°C).
4. Minimum outdoor operating air temperature for heating mode is -15°F (-26.1°C).
5. Maximum outdoor operating air temperature for heating mode is 66°F (18.9°C).
6. For reliable operation, unit should be level in all horizontal planes.
7. For interconnecting refrigerant tube lengths greater than 80 ft (23.4 m) and/or elevation differences between indoor and outdoor units greater than 20 ft (6.1 m), consult Residential Piping and Longline Guideline and Service Manual available from equipment distributor.
8. If any refrigerant tubing is buried, provide a 6 in. (152.4 mm) vertical rise to the valve connections at the unit. Refrigerant tubing lengths up to 36 in. (914.4 mm) may be buried without further consideration. Do not bury refrigerant lines longer than 36 in. (914.4 mm).
9. Use only copper wire for electric connection at unit. Aluminum and clad aluminum are not acceptable for the type of connector provided.
10. Do not apply capillary tube indoor coils to these units.
11. Factory-supplied filter drier must be installed.

