

**MODEL 265A  
PREFERRED™ SERIES HEAT PUMP  
WITH PURON® REFRIGERANT  
SIZES 018 TO 060  
1-1/2 TO 5 NOMINAL TONS**



## Product Data



*Preferred*<sup>™</sup>  
**SERIES**

Bryant's heat pumps with Puron® refrigerant provide a collection of features unmatched by any other family of equipment. The 265A has been designed utilizing Bryant's Puron® refrigerant. The environmentally sound refrigerant allows consumers to make a responsible decision in the protection of the earth's ozone layer. As an Energy Star® Partner, Bryant Heating & Cooling Systems has determined that this product meets the Energy Star® guidelines for energy efficiency. Refer to the combination ratings in the Product Data for system combinations that meet Energy Star® guidelines.

### INDUSTRY LEADING FEATURES / BENEFITS

#### Energy Efficiency

- 15 SEER/11.5 EER/8 HSPF (Nominal)

#### New Aesthetic Design

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

#### Extra Quiet Operation

- AeroQuiet System II™ for sound as low as 69 dBA
- Quiet mount split post compressor grommets
- External AeroQuiet muffler
- Exclusive AeroQuiet Top design
- 8 Pole PSC ball bearing condenser fan motor
- Forward-swept condenser fan blade
- Compressor blanket
- Quiet shift defrost

#### Reliability, Quality and Toughness

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

#### Controls and Diagnostics

- Evolution™ control compatible
- On-board Bryant diagnostics
- Up to 14 point diagnostic capability
- Long line accessory connections

#### Applications

- Long-line - up to 250 ft. total equivalent length, up to 200 ft. condenser above evaporator, or up to 20 ft. evaporator above condenser standard, (50 ft. w/liquid line solenoid)
- Low ambient (down to 0°F) with Evolution™ Control or accessory kit.

#### Limited Warranty

- Standard 10-year limited warranty on the compressor
- Standard 5-year limited warranty on all parts

## MODEL NUMBER NOMENCLATURE

1	2	3	4	5	6	7	8	9	10	11	12	14
N	N	N	A	A/N	N	N	N	N	A/N	A/N	N	A
2	6	5	A	N	A	0	3	6	0	0	0	A
Product Family	Tier	SEER	Major Series	Voltage	Variations	Cooling Capacity			Open	Open	Open	Series
2=HP	6= Preferred Series	5=15 SEER	A=Puron	N= 208-230-1 or 208/230-1	A = Standard				0=Not Defined	0=Not Defined	0=Not Defined	A = Original Series



As an Energy Star® Partner, Bryant Heating & Cooling Systems has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.

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

## STANDARD FEATURES

Feature	018-B	024-B	030-B	036-B	042-B	048-B	060-B
Puron® Refrigerant	X	X	X	X	X	X	X
15 SEER	X	X	X	X	X	X	X
Scroll Compressor	X	X	X	X	X	X	X
Louvered Coil Guard	X	X	X	X	X	X	X
Field Installed Filter Drier	X	X	X	X	X	X	X
Back-Seating Service Valves	X	X	X	X	X	X	X
Internal Pressure Relief Valve	X	X	X	X	X	X	X
Internal Thermal Overload	X	X	X	X	X	X	X
Long Line capability	X	X	X	X	X	X	X
Low Ambient capability with Kit or Evolution™ Control	X	X	X	X	X	X	X
Suction Line Accumulator	X	X	X	X	X	X	X
High Pressure Switch	X	X	X	X	X	X	X
Loss of Charge Switch	X	X	X	X	X	X	X

# PHYSICAL DATA

<b>UNIT SIZE SERIES</b>	<b>018-B</b>	<b>024-B</b>	<b>030-B</b>	<b>036-B</b>	<b>042-B</b>	<b>048-B</b>	<b>060-B</b>
<b>Operating Weight (lb)</b>	198	244	280	299	318	325	307
<b>Shipping Weight (lb)</b>	232	280	310	335	354	361	344
<b>Compressor Type</b>	Scroll						
<b>REFRIGERANT</b>	Puron® (R-410A)						
<b>Control</b>	TXV (Puron Hard Shutoff)						
<b>Charge (lb)</b>	6.13	10.4	12	14.8	14.2	12.6	12.5
<b>COND FAN</b>	Propeller Type, Direct Drive						
<b>Air Discharge</b>	Vertical						
<b>Air Qty (CFM)</b>	2595	2595	3265	3265	3265	3673	3673
<b>Motor HP</b>	1/10	1/10	1/5	1/5	1/5	1/4	1/4
<b>Motor RPM</b>	800	800	800	800	800	800	800
<b>COND COIL</b>							
<b>Face Area (Sq ft)</b>	16.26	18.3	20.33	24.4	24.4	24.4	22.4
<b>Fins per In.</b>	20	20	20	20	20	20	20
<b>Rows</b>	1	1	1	2	2	2	2
<b>Circuits</b>	4	5	6	5	7	8	9
<b>VALVE CONNECT. (In. ID)</b>							
<b>Vapor</b>	5/8"	5/8"	3/4"	3/4"	7/8"	7/8"	7/8"
<b>Liquid</b>	3/8"						
<b>REFRIGERANT TUBES* (In. OD)</b>							
<b>Vapor (0-80 Ft Tube Length)</b>	5/8"	5/8"	3/4"	3/4"	7/8"	7/8"	1-1/8"
<b>Liquid (0-80 Ft Tube Length)</b>	3/8"						

\* For tubing sets between 80 ft. and 200 ft. horizontal or 20 ft. vertical differential (250 ft. Total Equivalent Length), consult the Long-Line Guideline.

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

265A

## VAPOR LINE SIZING AND COOLING CAPACITY LOSS PURON 1-STAGE HEAT PUMP APPLICATIONS

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

is above indoor unit, and 80 ft. when the outdoor unit is below the indoor unit. Refer to Accessory Usage Guideline below for required accessories. See Long-Line Application Guideline for required piping and system modifications. Also, refer to the table below for the acceptable vapor tube diameters based on the total length to minimize the cooling capacity loss.

Unit Nominal Size (Btuh)	Acceptable Liquid Line Diameter OD (in.)	Acceptable Vapor Line Diameters OD (in.)	Cooling Capacity Loss (%) Total Equivalent Line Length (ft.)										
			Standard Application			Long Line Application Requires Accessories							
			25	50	80	80+	100	125	150	175	200	225	250
18000 1-Stage Puron HP	3/8	1/2	1	2	3	3	4	6	7	8	9	10	12
		5/8	0	0	1	1	1	1	2	2	3	3	3
24000 1-Stage Puron HP	3/8	5/8	0	1	1	1	2	3	3	4	4	5	6
		3/4	0	0	0	0	0	1	1	1	1	1	2
30000 1-Stage Puron HP	3/8	5/8	1	2	3	3	3	4	5	6	7	8	9
		3/4	0	0	1	1	1	1	2	2	2	3	3
		7/8	0	0	0	0	0	1	1	1	1	1	1
36000 1-Stage Puron HP	3/8	5/8	1	2	4	4	5	6	7	9	10	11	13
		3/4	0	0	1	1	1	2	2	3	3	4	4
		7/8	0	0	0	0	0	1	1	1	1	2	2
42000 1-Stage Puron HP	3/8	3/4	0	1	2	2	2	3	4	4	5	6	6
		7/8	0	0	1	1	1	1	2	2	2	3	3
48000 1-Stage Puron HP	3/8	3/4	0	1	2	2	3	4	5	5	6	7	8
		7/8	0	0	1	1	1	2	2	2	3	3	4
60000 1-Stage Puron HP	3/8	3/4	1	2	4	4	5	6	7	9	10	11	12
		7/8	0	1	2	2	2	3	4	4	5	5	6
		1 1/8	0	0	0	0	1	1	1	1	1	1	2

Standard Length = 80 ft. or less total equivalent length

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

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

# ACCESSORIES

KIT NUMBER	KIT NAME	018-B	024-B	030-B	036-B	042-B	048-B	060-B
KAACH1201AAA	CRANKCASE HEATER				X	X	S	S
KAACH1401AAA	CRANKCASE HEATER	X	X	X				
KSACY0101AAA	CYCLE PROTECTOR	S	S	S	S	S	S	S
KAFT0101AAA	FREEZE THERMOSTAT	X	X	X	X	X	X	X
KSAHS1701AAA	HARD START (CAP/RELAY)	X	X	X	X	X	X	X
KHAIR0101AAA	ISOLATION RELAY	X	X	X	X	X	X	X
KSALA0301410	LOW AMBIENT SWITCH	X	X	X	X	X	X	X
KHAOT0201SEC	OUTDOOR THERMOSTAT	X	X	X	X	X	X	X
KHAOT0301FST	OUTDOOR THERMOSTAT	X	X	X	X	X	X	X
KAACS0201PTC	PTC START ASSIST	X	X	X	X	X	X	X
KHALS0401LLS	SOLENOID VALVE	X	X	X	X	X	X	X
KSASF0101AAA	SUPPORT FEET	X	X	X	X	X	X	X
KAATD0101TDR	TIME DELAY RELAY	X	X	X	X	X	X	X
KSATX0201PUR	TXV (HSO)	X	X	X				
KSATX0301PUR	TXV (HSO)				X	X		
KSATX0401PUR	TXV (HSO)						X	
KSATX0501PUR	TXV (HSO)							X

x = Accessory S = Standard

## ACCESSORY THERMOSTATS

THERMOSTAT / SUBBASE PKG.	DESCRIPTION
TSTATBBPRH01-B*	Thermidistat™ Control — Non-Programmable/Programmable Thermostat with Humidity Control (For use in Dual Fuel, AC, HP, and 2S applications. Includes Outdoor Air Temperature Sensor.)
TSTATBBPHH01-B*	Hybrid Heat™ (Dual Fuel) Thermostat — Auto Changeover, 7-Day Programmable, °F/°C, Includes Outdoor Sensor (TSTATXXSEN01-B)
TSTATBBPHP01-B	Thermostat — Auto Changeover, 7-Day Programmable, °F/°C, 2-Stage Heat, 1-Stage Cool
TSTATBBNHP01-C	Thermostat — Auto Changeover, Non-Programmable, °F/°C, 2-Stage Heat, 1-Stage Cool
TSTATBBSHP01	Standard Programmable Thermostat—Manual Changeover, 5-2 Day Programmable, °F/°C, 1-Stage Heat/1-Stage Cool
TSTATBBBHP01-B*	Builder's Thermostat — Heat Pump, Non-Programmable, °F/°C, 2-Stage Heat, 1-Stage Cool, Manual Changeover
TSTATXXSEN01-B**	Outdoor Air Temperature Sensor
TSTATXXNBP01	Backplate for Non-Programmable Thermostat
TSTATXXBP01	Backplate for Programmable Thermostat and Thermidistat™ Control
TSTATXXSBP01	Backplate for Standard Programmable Thermostat
TSTATXXBBP01	Backplate for Builder's Thermostat
TSTATXXCNP10†	Thermostat Conversion Kit (4 to 5 Wire) — 10 Pack

\* Do not use in zoning heat pump applications.

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

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

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

# ACCESSORY USAGE GUIDELINE

ACCESSORY	REQUIRED FOR LOW-AMBIENT COOLING APPLICATIONS (Below 55° F)	REQUIRED FOR LONG LINE APPLICATIONS* (Over 80 Ft.)	REQUIRED FOR SEA COAST APPLICATIONS (Within 2 miles)
Crankcase Heater	Yes	Yes	No
Evaporator Freeze Thermostat	Yes	No	No
Accumulator	Standard	Standard	Standard
Compressor Start Assist Capacitor and Relay	Yes	Yes	No
Motor Master® Control or Low-ambient Pressure Switch	Standard	Standard	Standard
Support Feet	Recommended	No	Recommended
Liquid Line Solenoid Valve	No	See Long-Line Application Guideline	No
Ball Bearing Fan Motor	Standard	Standard	Standard

\* For tubing line sets between 80 and 200 ft. and/or 20 ft. vertical differential (250 ft. Total Equivalent Length), refer to Long-Line Application Guideline.

## Accessory Description and Usage (Listed Alphabetically)

### 1. Ball-Bearing Fan Motor

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

Usage Guideline:

Required on all units when MotorMaster® is used.

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

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

Usage Guideline:

Required for reciprocating compressors in the following applications:

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

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

- Long line
- Low ambient cooling

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

### 3. Compressor Start Assist — PTC Type

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

Usage Guideline:

Suggested in installations with marginal power supply.

### 4. Crankcase Heater

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

Usage Guideline:

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

### 5. Evaporator Freeze Thermostat

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

Usage Guideline:

Required when low ambient kit has been added.

### 6. Isolation Relay

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

Usage Guideline:

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

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

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

Usage Guideline:

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

### 8. Low-Ambient Pressure Switch Kit

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

Usage Guideline:

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

### 9. MotorMaster® Low-Ambient Controller

A fan-speed control device activated by a temperature sensor, designed to control condenser fan motor speed in response to the saturated, condensing temperature during operation in cooling mode only. For outdoor temperatures down to -20°F (-28.9°C), it maintains condensing temperature at 100°F ±10°F (37.8°C ± -12°C).

Usage Guideline:

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

Suggested for all commercial applications.

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

### 10. Outdoor Air Temperature Sensor

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

Usage Guideline:

Suggested for all Bryant thermostats listed in this publication.

### 11. Outdoor Thermostat

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

Usage Guideline:

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

### 12. Secondary Outdoor Thermostat

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

Usage Guideline:

Outdoor thermostat applications where electric heater is capable of 3-stage operation.

### 13. Sound Hood

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

Usage Guideline:

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

Suggested when unit is installed between two houses less than 10 ft. apart.

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

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

Usage Guideline:

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

Required in all heat pump applications designed with Puron refrigerant.

### 15. Time-Delay Relay

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

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

Usage Guideline:

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

## ELECTRICAL DATA

UNIT SIZE	V/PH	OPER VOLTS*		COMPR		FAN	MCA	MIN WIRE SIZE	MIN WIRE SIZE	MAX LENGTH (FT)‡	MAX LENGTH (FT)‡	MAX FUSE** or CKT BRK AMPS
		MAX	MIN	LRA	RLA	FLA		†	†	60° C	75° C	
								60° C	75° C	60° C	75° C	
018-B	208/230/1	253	197	48	9	0.7	12	14	14	66	62	20
024-B				58.3	12.8	0.7	16.7	14	14	46	44	25
030-B				73	14.1	1.1	18.7	14	14	41	39	30
036-B				79	17.9	1.1	23.4	12	12	55	52	35
042-B				109	21.3	1.1	27.7	10	10	71	68	40
048-B				117	21.8	1.3	28.5	10	10	69	66	40
060-B				134	26.4	1.3	34.3	8	10	91	56	50

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

† If wire is applied at ambient greater than 30° C (86° F), consult table 310-16 of the NEC (ANSI/NFPA 70). The ampacity of non-metallic-sheathed cable (NM), trade name ROMEX, shall be that of 60° C (140° F) conditions, per the NEC (ANSI/NFPA 70) Article 336-26. If other than uncoated (no-plated), 60 or 75° C (140 or 167° C) insulation, copper wire (solid wire for 10 AWG or smaller, stranded wire for larger than 10 AWG) is used, consult applicable tables of the NEC (ANSI/NFPA 70).

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

\*\* Time-Delay fuse.

FLA - Full Load Amps

LRA - Locked Rotor Amps

MCA - Minimum Circuit Amps

RLA - Rated Load Amps

**NOTE:** Control circuit is 24-V on all units and requires external power source. Copper wire must be used from service disconnect to unit. All motors/compressors contain internal overload protection.

## A-WEIGHTED SOUND LEVEL (dBA)

UNIT SIZE	STANDARD RATING	TYPICAL OCTAVE BAND SPECTRUM (without tone adjustment)						
		125	250	500	1000	2000	4000	8000
018-B	70	57	57	63	62.5	61	56.5	47.5
024-B	69	56.5	57.5	63.5	61.5	61.5	57	48.5
030-B	71	59.5	60	65	64.5	61.5	58	55.5
036-B	71	60	62	66	65	63	58	51.5
042-B	71	60.5	59.5	63	64	62	58.5	50.5
048-B	72	58.5	62.5	64.5	67	65	61	54.5
060-B	75	59	61	67	69.5	64	59	54.5

## CHARGING SUBCOOLING (TXV-TYPE EXPANSION DEVICE)

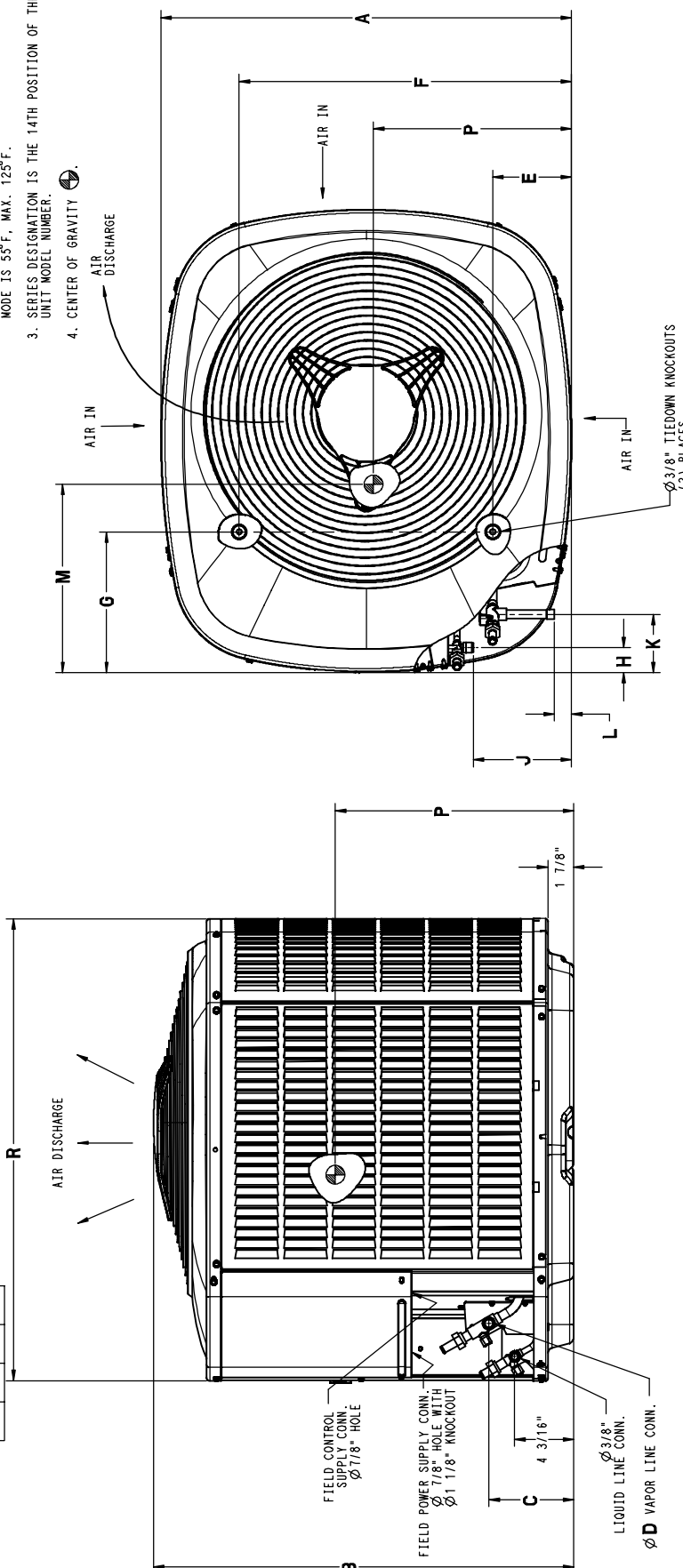
UNIT SIZE-SERIES	REQUIRED SUBCOOLING (F)
018-B	12
024-B	11
030-B	11
036-B	11
042-B	10
048-B	10
060-B	11

# DIMENSIONS

UNIT	SERIES	ELECTRICAL CHARACTERISTICS	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	OPERATING WEIGHT	SHIPPING WEIGHT	SHIPPING DIMENSIONS (L x W x H)
265A018	B	X 0 0 0	35 1/2"	34 3/16"	6 1/16"	5/8"	6 13/16"	28 3/4"	11 5/8"	1 3/4"	7"	4 3/16"	1 1/8"	19 1/2"	18"	16"	40"	198#	232#	41 1/8" X 36 5/8" X 37 7/16"
265A024	B	X 0 0 0	35 1/2"	37 9/16"	6 1/16"	5/8"	6 13/16"	28 3/4"	11 5/8"	1 3/4"	7"	4 3/16"	1 1/8"	20"	17"	16"	40"	244#	280#	41 1/8" X 36 5/8" X 40 7/8"
265A030	B	X 0 0 0	35 1/2"	41"	6 5/16"	3/4"	6 13/16"	28 3/4"	11 5/8"	1 3/4"	7"	4"	1 1/8"	20"	17"	18 1/4"	40"	280#	310#	41 1/8" X 36 5/8" X 44 1/4"
265A036	B	X 0 0 0	35 1/2"	47 3/4"	6 5/16"	3/4"	6 13/16"	28 3/4"	11 5/8"	1 3/4"	7"	4"	1 1/8"	18 1/2"	17 1/2"	19 1/2"	40"	299#	335#	41 1/8" X 36 5/8" X 51 1/16"
265A042	B	X 0 0 0	35 1/2"	47 3/4"	6 1/4"	7/8"	6 13/16"	28 3/4"	11 5/8"	1 3/4"	7"	4 1/16"	1 1/8"	18 1/2"	17 1/2"	20"	40"	318#	354#	41 1/8" X 36 5/8" X 51 1/16"
265A048	B	X 0 0 0	35 1/2"	47 3/4"	6 1/4"	7/8"	6 13/16"	28 3/4"	11 5/8"	1 3/4"	7"	4 1/16"	1 1/8"	19 1/2"	17"	19 1/2"	40"	325#	361#	41 1/8" X 36 5/8" X 51 1/16"
265A060	B	X 0 0 0	35 1/2"	44 3/8"	6 1/4"	7/8"	6 13/16"	28 3/4"	11 5/8"	1 3/4"	7"	4 1/16"	1 1/8"	19 1/2"	17"	18 1/2"	40"	307#	344#	41 1/8" X 36 5/8" X 47 11/16"

X = YES  
0 = NO

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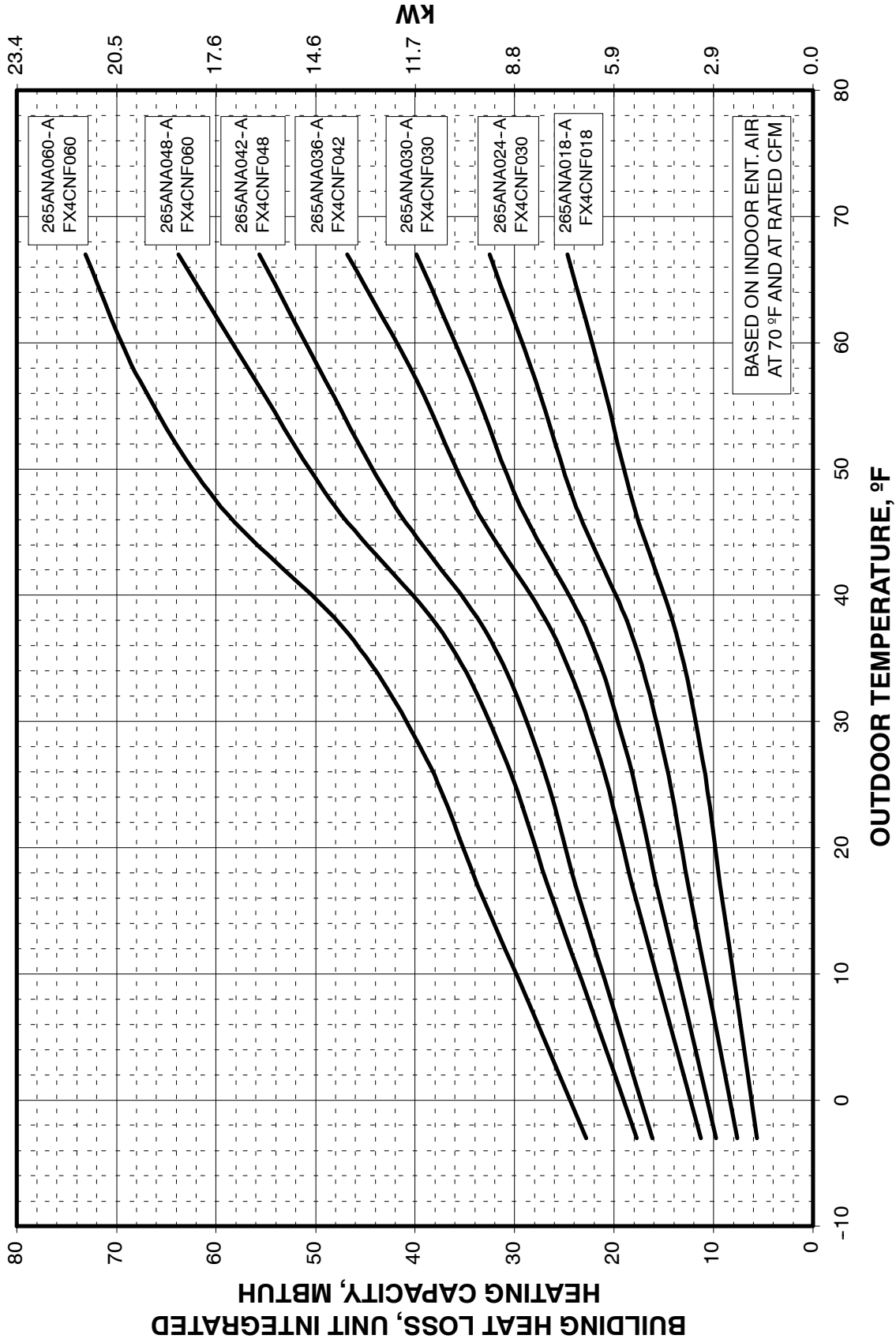


- NOTES:
- ALLOW 30" CLEARANCE TO SERVICE SIDE OF UNIT.  
48" ABOVE UNIT, 6" ON ONE SIDE, 12" ON REMAINING SIDE AND 24" BETWEEN UNITS FOR PROPER AIRFLOW.
  - MINIMUM OUTDOOR OPERATING AMBIENT IN COOLING MODE IS 55°F, MAX. 125°F.
  - SERIES DESIGNATION IS THE 14TH POSITION OF THE UNIT MODEL NUMBER.
  - CENTER OF GRAVITY

UNIT SIZE	MINIMUM MOUNTING PAD DIMENSIONS
-	29 1/2" X 33"
18 THRU 60	36 1/2" X 40"



# 265A BALANCE POINT WORKSHEET



265A

# COMBINATION RATINGS

265A

Unit Size – Series	Indoor Model	Cooling Capacity	ARI Standard Ratings								Furnace Model		
			Cooling				Heating						
			Factory Enhance	Standard Rating	SEER TDR	EER	High Temp		Low Temp			HSPF	
							E Capacity	E COP	H Capacity	H COP			
018–B	*FX4CNF018	17,800	TDR&TXV	15.00		12.00	18,000	3.62	10,400	2.34	8.2		
	FE4ANF002	18,000	TDR&TXV	15.50		12.50	17,800	3.68	10,300	2.38	8.3		
	FF1ENP018	17,400	TDR&TXV	13.20		10.90	18,000	3.40	10,800	2.22	7.9		
	FF1ENP024	17,700	TDR&TXV	13.50		11.10	18,000	3.46	10,900	2.24	8.0		
	FV4BNF002	18,000	TDR&TXV	15.50		12.50	17,800	3.68	10,300	2.38	8.3		
	FX4CNF024	18,000	TDR&TXV	15.00		12.40	18,000	3.66	10,400	2.38	8.3		
	FY4ANF018	17,400	TDR&TXV	13.00		10.80	18,000	3.40	10,800	2.20	8.0		
	FY4ANF024	17,600	TDR&TXV	13.20		10.90	18,000	3.40	10,900	2.22	8.0		
	CAP**1814A**	17,300	TDR&TXV	14.50		12.00	17,400	3.38	10,100	2.26	7.8	315(A,J)AV036070	
	CAP**1814A**	17,400	TXV			13.00	10.80	18,000	3.36	10,800	2.20	7.8	
	CAP**2414A**	17,600	TDR&TXV	15.00		12.00	17,600	3.52	10,200	2.32	8.0	315(A,J)AV036070	
	CAP**2414A**	17,800	TXV			13.50	11.00	18,000	3.50	10,900	2.26	8.0	
	CAP**2417A**	17,700	TDR&TXV	15.00		12.00	17,600	3.56	10,200	2.34	8.1	315(A,J)AV048090	
	CAP**2417A**	17,700	TDR&TXV	15.00		12.00	17,600	3.54	10,200	2.34	8.1	355AAV042060	
	CAP**2417A**	17,800	TXV			13.50	11.00	18,000	3.50	10,900	2.26	8.0	
	CNPF*2418A**	17,700	TXV			13.50	10.80	18,000	3.54	10,900	2.28	8.1	
	CNPF*2418A**	17,700	TXV			13.50	10.80	18,000	3.54	10,900	2.28	8.1	
	CNPH*2417A**	17,600	TDR&TXV	15.00		12.00	17,600	3.56	10,300	2.34	8.1	315(A,J)AV036070	
	CNPH*2417A**	17,700	TDR&TXV	15.00		12.00	17,600	3.60	10,300	2.34	8.2	315(A,J)AV048090	
	CNPH*2417A**	17,600	TDR&TXV	14.50		12.00	17,600	3.58	10,300	2.34	8.2	355AAV042040	
	CNPH*2417A**	17,600	TDR&TXV	15.00		12.00	17,600	3.58	10,300	2.34	8.2	355AAV042060	
	CNPH*2417A**	17,700	TDR&TXV	15.00		12.00	17,600	3.60	10,300	2.34	8.2	355AAV042080	
	CNPH*2417A**	17,700	TXV			13.50	10.80	18,000	3.54	10,900	2.28	8.1	
	CNPV*1814A**	17,300	TDR&TXV	15.00		12.00	17,400	3.50	10,200	2.30	8.0	315(A,J)AV036070	
	CNPV*1814A**	17,400	TXV			13.00	10.80	18,000	3.50	10,900	2.26	8.0	
	CNPV*2414A**	17,600	TDR&TXV	15.00		12.00	17,600	3.56	10,300	2.34	8.1	315(A,J)AV036070	
	CNPV*2414A**	17,700	TXV			13.50	10.80	18,000	3.54	10,900	2.28	8.1	
	CNPV*2417A**	17,700	TDR&TXV	15.00		12.00	17,600	3.60	10,300	2.34	8.2	315(A,J)AV048090	
	CNPV*2417A**	17,700	TDR&TXV	15.00		12.00	17,600	3.58	10,300	2.34	8.2	355AAV042060	
	CNPV*2417A**	17,700	TXV			13.50	10.80	18,000	3.54	10,900	2.28	8.1	
	CSPH*2412A**	17,600	TDR&TXV	15.00		12.00	17,600	3.54	10,300	2.34	8.1	315(A,J)AV036070	
	CSPH*2412A**	17,700	TDR&TXV	15.00		12.00	17,600	3.58	10,300	2.34	8.2	315(A,J)AV048090	
	CSPH*2412A**	17,600	TDR&TXV	14.50		12.00	17,600	3.56	10,300	2.34	8.2	355AAV042040	
	CSPH*2412A**	17,600	TDR&TXV	15.00		12.00	17,600	3.56	10,300	2.34	8.1	355AAV042060	
	CSPH*2412A**	17,700	TDR&TXV	15.00		12.00	17,600	3.58	10,300	2.34	8.2	355AAV042080	
CSPH*2412A**	17,700	TXV			13.50	10.80	18,000	3.54	11,000	2.28	8.1		
024–B	*FX4CNF030	23,600	TDR&TXV	15.50		12.50	23,800	3.78	14,000	2.52	8.5		
	FE4ANF002	23,400	TDR&TXV	15.50		12.50	23,400	3.72	13,800	2.50	8.5		
	FE4ANF003	23,400	TDR&TXV	16.00		13.00	23,400	3.72	13,700	2.52	8.5		
	FE5ANB004	24,000	TDR&TXV	16.00		13.50	23,800	3.98	13,800	2.62	9.0		
	FF1ENP024	23,000	TDR&TXV	13.50		11.20	24,000	3.48	14,600	2.34	8.1		
	FF1ENP030	23,000	TDR&TXV	13.50		11.20	24,000	3.50	14,500	2.34	8.1		
	FV4BNF002	23,400	TDR&TXV	15.50		12.50	23,400	3.72	13,800	2.50	8.5		
	FV4BNF003	23,400	TDR&TXV	16.00		13.00	23,400	3.72	13,700	2.52	8.5		
	FX4CNF024	23,200	TDR&TXV	15.00		12.40	23,600	3.66	14,000	2.46	8.4		
	FY4ANF024	22,800	TDR&TXV	13.50		11.40	24,000	3.48	14,400	2.34	8.0		
	FY4ANF030	23,000	TDR&TXV	14.00		11.50	24,000	3.58	14,500	2.38	8.2		
	CAP**2414A**	22,800	TDR&TXV	15.00		12.50	23,200	3.56	13,700	2.44	8.2	315(A,J)AV036070	
	CAP**2414A**	23,000	TXV			14.00	11.20	24,000	3.54	14,600	2.36	8.2	
	CAP**2417A**	23,000	TDR&TXV	15.50		12.50	23,200	3.60	13,700	2.46	8.3	315(A,J)AV048090	
	CAP**2417A**	23,000	TDR&TXV	15.00		12.50	23,200	3.58	13,700	2.44	8.2	355AAV042060	
	CAP**2417A**	23,000	TXV			14.00	11.20	24,000	3.54	14,600	2.36	8.2	
	CAP**3014A**	23,200	TDR&TXV	15.50		12.50	23,200	3.58	13,700	2.46	8.2	315(A,J)AV036070	
	CAP**3014A**	23,200	TXV			14.00	11.50	24,000	3.56	14,600	2.38	8.2	
	CAP**3017A**	23,200	TDR&TXV	15.50		12.50	23,200	3.64	13,700	2.48	8.3	315(A,J)AV048090	
	CAP**3017A**	23,200	TDR&TXV	15.50		12.50	23,200	3.62	13,700	2.46	8.3	355AAV042060	
	CAP**3017A**	23,200	TXV			14.00	11.50	24,000	3.56	14,600	2.38	8.2	
	CNPF*2418A**	23,000	TXV			13.50	11.20	24,000	3.60	14,600	2.38	8.3	
	CNPF*2418A**	23,000	TXV			13.50	11.20	24,000	3.60	14,600	2.38	8.3	
	CNPH*2417A**	22,800	TDR&TXV	15.00		12.50	23,200	3.60	13,800	2.44	8.3	315(A,J)AV036070	
	CNPH*2417A**	23,000	TDR&TXV	15.00		12.50	23,200	3.64	13,800	2.46	8.3	315(A,J)AV048090	
	CNPH*2417A**	23,000	TDR&TXV	15.00		12.50	23,200	3.64	13,800	2.46	8.3	315(A,J)AV060110	
	CNPH*2417A**	23,000	TDR&TXV	15.00		12.50	23,200	3.64	13,800	2.46	8.3	315(A,J)AV066135	
	CNPH*2417A**	23,000	TDR&TXV	15.00		12.50	23,200	3.64	13,800	2.46	8.3	315(A,J)AV066155	

See notes on pg. 17

# COMBINATION RATINGS CONTINUED

Unit Size - Series	Indoor Model	Cooling Capacity	ARI Standard Ratings										Furnace Model
			Cooling				Heating				HSPF		
			Factory Enhance	Standard Rating	SEER TDR	EER	High Temp		Low Temp				
E Capacity	E COP	H Capacity					H COP						
024-B	CNPH*2417A**	23,000	TDR&TXV	15.00		12.00	23,200	3.64	13,800	2.46	8.3	355AAV042040	
	CNPH*2417A**	22,800	TDR&TXV	15.00		12.50	23,200	3.62	13,800	2.46	8.3	355AAV042060	
	CNPH*2417A**	23,000	TDR&TXV	15.00		12.50	23,200	3.64	13,800	2.46	8.3	355AAV042080	
	CNPH*2417A**	22,800	TDR&TXV	15.00		12.50	23,200	3.64	13,800	2.46	8.3	355AAV060080	
	CNPH*2417A**	23,000	TDR&TXV	15.00		12.50	23,200	3.66	13,800	2.46	8.3	355AAV060100	
	CNPH*2417A**	22,800	TDR&TXV	15.00		12.00	23,200	3.60	13,800	2.44	8.3	355AAV060120	
	CNPH*2417A**	23,000	TXV			14.00	11.50	24,000	3.60	14,600	2.38	8.3	
	CNPH*3017A**	23,200	TDR&TXV	15.50		12.50	23,200	3.60	13,700	2.46	8.3	315(A,J)AV036070	
	CNPH*3017A**	23,200	TDR&TXV	15.50		12.50	23,200	3.64	13,700	2.48	8.3	315(A,J)AV048090	
	CNPH*3017A**	23,200	TDR&TXV	15.50		12.50	23,200	3.64	13,700	2.48	8.3	315(A,J)AV060110	
	CNPH*3017A**	23,200	TDR&TXV	15.50		12.50	23,200	3.64	13,700	2.48	8.3	315(A,J)AV066135	
	CNPH*3017A**	23,200	TDR&TXV	15.50		12.50	23,200	3.64	13,700	2.48	8.4	315(A,J)AV066155	
	CNPH*3017A**	23,200	TDR&TXV	15.50		12.50	23,200	3.62	13,800	2.48	8.3	355AAV042040	
	CNPH*3017A**	23,200	TDR&TXV	15.50		12.50	23,200	3.62	13,700	2.48	8.3	355AAV042060	
	CNPH*3017A**	23,200	TDR&TXV	15.50		12.50	23,200	3.62	13,800	2.48	8.3	355AAV042080	
	CNPH*3017A**	23,200	TDR&TXV	15.50		12.50	23,200	3.62	13,700	2.48	8.3	355AAV060080	
	CNPH*3017A**	23,200	TDR&TXV	15.50		12.50	23,200	3.64	13,800	2.48	8.4	355AAV060100	
	CNPH*3017A**	23,200	TDR&TXV	15.50		12.50	23,200	3.60	13,700	2.46	8.3	355AAV060120	
	CNPH*3017A**	23,200	TXV			14.00	11.50	24,000	3.58	14,600	2.38	8.2	
	CNPV*2414A**	22,800	TDR&TXV	15.00		12.50	23,200	3.60	13,800	2.44	8.3	315(A,J)AV036070	
	CNPV*2414A**	23,000	TXV			14.00	11.50	24,000	3.60	14,600	2.38	8.3	
	CNPV*2417A**	23,000	TDR&TXV	15.00		12.50	23,200	3.64	13,800	2.46	8.3	315(A,J)AV048090	
	CNPV*2417A**	22,800	TDR&TXV	15.00		12.50	23,200	3.62	13,800	2.46	8.3	355AAV042060	
	CNPV*2417A**	23,000	TXV			14.00	11.20	24,000	3.60	14,600	2.38	8.3	
	CNPV*3014A**	23,200	TDR&TXV	15.50		12.50	23,200	3.60	13,700	2.46	8.3	315(A,J)AV036070	
	CNPV*3014A**	23,200	TXV			14.00	11.50	24,000	3.58	14,600	2.38	8.2	
	CNPV*3017A**	23,200	TDR&TXV	15.50		12.50	23,200	3.64	13,700	2.48	8.3	315(A,J)AV048090	
	CNPV*3017A**	23,200	TDR&TXV	15.50		12.50	23,200	3.62	13,700	2.48	8.3	355AAV042060	
	CNPV*3017A**	23,200	TXV			14.00	11.50	24,000	3.58	14,600	2.38	8.2	
	CSPH*2412A**	23,000	TDR&TXV	15.00		12.50	23,200	3.62	13,800	2.46	8.3	315(A,J)AV036070	
	CSPH*2412A**	23,000	TDR&TXV	15.50		12.50	23,200	3.66	13,800	2.48	8.4	315(A,J)AV048090	
	CSPH*2412A**	23,000	TDR&TXV	15.00		12.50	23,200	3.64	13,900	2.46	8.3	315(A,J)AV060110	
	CSPH*2412A**	23,000	TDR&TXV	15.00		12.50	23,200	3.64	13,800	2.46	8.4	315(A,J)AV066135	
	CSPH*2412A**	23,000	TDR&TXV	15.00		12.50	23,200	3.66	13,800	2.46	8.4	315(A,J)AV066155	
	CSPH*2412A**	23,000	TDR&TXV	15.00		12.00	23,200	3.64	13,900	2.46	8.3	355AAV042040	
	CSPH*2412A**	23,000	TDR&TXV	15.50		12.50	23,200	3.64	13,800	2.46	8.3	355AAV042060	
	CSPH*2412A**	23,000	TDR&TXV	15.00		12.50	23,200	3.64	13,900	2.46	8.3	355AAV042080	
	CSPH*2412A**	23,000	TDR&TXV	15.00		12.50	23,200	3.64	13,800	2.46	8.3	355AAV060080	
	CSPH*2412A**	23,000	TDR&TXV	15.50		12.50	23,200	3.66	13,900	2.46	8.4	355AAV060100	
	CSPH*2412A**	23,000	TDR&TXV	15.00		12.50	23,200	3.60	13,800	2.44	8.3	355AAV060120	
	CSPH*2412A**	23,000	TXV			14.00	11.50	24,000	3.64	14,600	2.40	8.3	
	CSPH*3012A**	23,200	TDR&TXV	15.50		12.50	23,200	3.60	13,700	2.46	8.3	315(A,J)AV036070	
	CSPH*3012A**	23,200	TDR&TXV	15.50		12.50	23,200	3.64	13,700	2.48	8.3	315(A,J)AV048090	
	CSPH*3012A**	23,200	TDR&TXV	15.50		12.50	23,200	3.62	13,800	2.46	8.3	315(A,J)AV060110	
	CSPH*3012A**	23,200	TDR&TXV	15.50		12.50	23,200	3.64	13,800	2.48	8.3	315(A,J)AV066135	
	CSPH*3012A**	23,200	TDR&TXV	15.50		12.50	23,200	3.64	13,800	2.48	8.3	315(A,J)AV066155	
CSPH*3012A**	23,200	TDR&TXV	15.50		12.50	23,200	3.62	13,800	2.46	8.3	355AAV042040		
CSPH*3012A**	23,200	TDR&TXV	15.50		12.50	23,200	3.60	13,700	2.46	8.3	355AAV042060		
CSPH*3012A**	23,200	TDR&TXV	15.50		12.50	23,200	3.62	13,800	2.46	8.3	355AAV042080		
CSPH*3012A**	23,200	TDR&TXV	15.50		12.50	23,200	3.62	13,800	2.46	8.3	355AAV060080		
CSPH*3012A**	23,200	TDR&TXV	15.50		12.50	23,200	3.64	13,800	2.48	8.3	355AAV060100		
CSPH*3012A**	23,200	TDR&TXV	15.50		12.50	23,200	3.60	13,800	2.46	8.3	355AAV060120		
CSPH*3012A**	23,200	TXV			14.00	11.50	24,000	3.58	14,600	2.38	8.3		
030-B	*FX4CNF030	29,200	TDR&TXV	15.50		12.50	29,400	3.80	17,200	2.50	8.5		
	FE4ANF002	29,000	TDR&TXV	15.50		13.00	29,000	3.78	16,900	2.50	8.5		
	FE4ANF003	29,000	TDR&TXV	16.00		13.20	28,800	3.80	16,700	2.52	8.5		
	FE4ANF005	30,000	TDR&TXV	16.00		13.50	29,200	3.98	16,900	2.60	9.0		
	FE5ANB004	30,000	TDR&TXV	16.00		13.50	29,200	4.10	16,900	2.64	9.0		
	FF1ENP030	28,600	TDR&TXV	14.00		11.50	29,800	3.60	17,600	2.38	8.1		
	FF1ENP036	29,000	TDR&TXV	14.00		11.50	30,000	3.66	17,700	2.42	8.3		
	FV4BNF002	29,000	TDR&TXV	15.50		13.00	29,000	3.78	16,900	2.50	8.5		
	FV4BNF003	29,200	TDR&TXV	16.00		13.00	28,800	3.80	16,700	2.52	8.5		
	FV4BNF005	30,000	TDR&TXV	16.00		13.50	29,200	3.98	16,900	2.60	9.0		
	FX4CN(B,F)036	29,400	TDR&TXV	15.50		12.50	29,600	3.84	17,300	2.52	8.6		
	FY4ANF030	28,800	TDR&TXV	14.00		11.50	30,000	3.68	17,700	2.40	8.4		
	FY4ANF036	28,800	TDR&TXV	13.50		11.50	30,000	3.64	17,800	2.40	8.2		
	CAP**3014A**	28,800	TDR&TXV	15.50		12.50	28,800	3.66	16,900	2.46	8.2	315(A,J)AV036070	
	CAP**3014A**	29,000	TXV			14.00	11.50	30,000	3.64	17,700	2.40	8.2	

See notes on pg. 17

265A

# COMBINATION RATINGS CONTINUED

Unit Size – Series	Indoor Model	Cooling Capacity	ARI Standard Ratings									Furnace Model	
			Cooling				Heating				HSPF		
			Factory Enhance	Standard Rating	SEER TDR	EER	High Temp		Low Temp				
E Capacity	E COP	H Capacity					H COP						
030-B	CAP**3017A**	28,800	TDR&TXV	15.50		13.00	28,800	3.70	16,700	2.48	8.3	315(A,J)AV048090	
	CAP**3017A**	28,800	TDR&TXV	15.50		13.00	28,800	3.66	16,800	2.46	8.3	355AAV042060	
	CAP**3017A**	29,000	TXV	14.00		11.50	30,000	3.64	17,700	2.40	8.2		
	CAP**3614A**	27,800	TDR&TXV	15.00		12.50	28,000	3.68	16,900	2.46	8.2	315(A,J)AV036070	
	CAP**3614A**	28,000	TXV		14.00	12.00	29,000	3.68	17,800	2.42	8.2		
	CAP**3617A**	29,000	TDR&TXV	15.50		13.00	28,800	3.72	16,700	2.50	8.4	315(A,J)AV048090	
	CAP**3617A**	28,800	TDR&TXV	15.50		13.00	28,800	3.70	16,800	2.48	8.3	355AAV042060	
	CAP**3617A**	29,000	TXV		14.00	12.00	30,000	3.68	17,800	2.42	8.3		
	CAP**3621A**	29,000	TDR&TXV	15.50		13.00	28,800	3.76	16,800	2.50	8.4	315(A,J)AV060110	
	CAP**3621A**	29,000	TDR&TXV	15.50		13.00	28,800	3.72	16,800	2.48	8.3	355AAV042080	
	CAP**3621A**	29,000	TDR&TXV	15.50		13.00	28,800	3.72	16,800	2.48	8.3	355AAV060080	
	CAP**3621A**	29,000	TDR&TXV	15.50		13.00	28,800	3.72	16,800	2.50	8.4	355AAV060100	
	CAP**3621A**	29,000	TXV		14.00	12.00	30,000	3.68	17,800	2.42	8.2		
	CNPF*3618A**	29,000	TXV			14.00	12.00	30,000	3.66	17,800	2.40	8.2	
	CNPH*3017A**	28,800	TDR&TXV	15.50		12.50	28,800	3.68	16,900	2.46	8.3	315(A,J)AV036070	
	CNPH*3017A**	28,800	TDR&TXV	15.50		13.00	28,800	3.70	16,800	2.48	8.3	315(A,J)AV048090	
	CNPH*3017A**	29,000	TDR&TXV	15.50		13.00	28,800	3.72	16,800	2.48	8.3	315(A,J)AV060110	
	CNPH*3017A**	29,000	TDR&TXV	15.50		13.00	28,800	3.72	16,800	2.48	8.4	315(A,J)AV066135	
	CNPH*3017A**	29,000	TDR&TXV	15.50		13.00	28,800	3.72	16,800	2.50	8.4	315(A,J)AV066155	
	CNPH*3017A**	28,800	TDR&TXV	15.00		12.50	28,800	3.68	16,800	2.46	8.3	355AAV042040	
	CNPH*3017A**	28,800	TDR&TXV	15.50		13.00	28,800	3.68	16,800	2.46	8.3	355AAV042060	
	CNPH*3017A**	28,800	TDR&TXV	15.50		12.50	28,800	3.68	16,900	2.46	8.3	355AAV042080	
	CNPH*3017A**	28,800	TDR&TXV	15.50		13.00	28,800	3.68	16,800	2.46	8.3	355AAV042080	
	CNPH*3017A**	28,800	TDR&TXV	15.50		13.00	28,800	3.68	16,800	2.46	8.3	355AAV060080	
	CNPH*3017A**	28,800	TDR&TXV	15.50		13.00	28,800	3.70	16,800	2.48	8.3	355AAV060100	
	CNPH*3017A**	28,800	TDR&TXV	15.50		13.00	28,800	3.68	16,700	2.46	8.3	355AAV060120	
	CNPH*3017A**	29,000	TXV		14.00	12.00	30,000	3.66	17,800	2.40	8.2		
	CNPH*3617A**	28,800	TDR&TXV	15.50		12.50	28,800	3.68	16,900	2.46	8.3	315(A,J)AV036070	
	CNPH*3617A**	28,800	TDR&TXV	15.50		13.00	28,800	3.70	16,800	2.48	8.3	315(A,J)AV048090	
	CNPH*3617A**	29,000	TDR&TXV	15.50		13.00	28,800	3.72	16,800	2.48	8.3	315(A,J)AV060110	
	CNPH*3617A**	29,000	TDR&TXV	15.50		13.00	28,800	3.72	16,800	2.48	8.4	315(A,J)AV066135	
	CNPH*3617A**	29,000	TDR&TXV	15.50		13.00	28,800	3.72	16,800	2.50	8.4	315(A,J)AV066155	
	CNPH*3617A**	28,800	TDR&TXV	15.00		12.50	28,800	3.68	16,800	2.46	8.3	355AAV042040	
	CNPH*3617A**	28,800	TDR&TXV	15.50		13.00	28,800	3.68	16,800	2.46	8.3	355AAV042060	
	CNPH*3617A**	28,800	TDR&TXV	15.50		12.50	28,800	3.68	16,900	2.46	8.3	355AAV042080	
	CNPH*3617A**	28,800	TDR&TXV	15.50		13.00	28,800	3.68	16,800	2.46	8.3	355AAV060080	
	CNPH*3617A**	28,800	TDR&TXV	15.50		13.00	28,800	3.70	16,800	2.48	8.3	355AAV060100	
	CNPH*3617A**	28,800	TDR&TXV	15.50		13.00	28,800	3.68	16,700	2.46	8.3	355AAV060120	
	CNPH*3617A**	29,000	TXV		14.00	12.00	30,000	3.66	17,800	2.40	8.2		
	CNPV*3014A**	28,800	TDR&TXV	15.00		12.50	28,800	3.66	16,900	2.44	8.2	315(A,J)AV036070	
	CNPV*3014A**	29,000	TXV		14.00	12.00	30,000	3.66	17,800	2.40	8.2		
	CNPV*3017A**	28,800	TDR&TXV	15.50		13.00	28,800	3.70	16,800	2.48	8.3	315(A,J)AV048090	
	CNPV*3017A**	28,800	TDR&TXV	15.50		13.00	28,800	3.68	16,800	2.46	8.3	355AAV042060	
	CNPV*3017A**	29,000	TXV		14.00	12.00	30,000	3.66	17,800	2.40	8.2		
	CNPV*3617A**	28,800	TDR&TXV	15.50		13.00	28,800	3.70	16,800	2.48	8.3	315(A,J)AV048090	
	CNPV*3617A**	28,800	TDR&TXV	15.50		13.00	28,800	3.68	16,800	2.46	8.3	355AAV042060	
	CNPV*3617A**	29,000	TXV		14.00	12.00	30,000	3.66	17,800	2.40	8.2		
	CNPV*3621A**	29,000	TDR&TXV	15.50		13.00	28,800	3.72	16,800	2.48	8.3	315(A,J)AV060110	
	CNPV*3621A**	28,800	TDR&TXV	15.50		12.50	28,800	3.68	16,900	2.46	8.3	355AAV042080	
	CNPV*3621A**	28,800	TDR&TXV	15.50		13.00	28,800	3.68	16,800	2.46	8.3	355AAV060080	
	CNPV*3621A**	28,800	TDR&TXV	15.50		13.00	28,800	3.70	16,800	2.48	8.3	355AAV060100	
	CNPV*3621A**	29,000	TXV		14.00	12.00	30,000	3.66	17,800	2.40	8.2		
	CSPH*3012A**	28,800	TDR&TXV	15.50		12.90	28,800	3.68	16,900	2.46	8.3	315(A,J)AV036070	
	CSPH*3012A**	28,800	TDR&TXV	15.50		13.00	28,800	3.70	16,800	2.48	8.3	315(A,J)AV048090	
	CSPH*3012A**	29,000	TDR&TXV	15.50		13.00	28,800	3.72	16,900	2.48	8.4	315(A,J)AV060110	
	CSPH*3012A**	29,000	TDR&TXV	15.50		13.00	28,800	3.72	16,800	2.48	8.3	315(A,J)AV066135	
	CSPH*3012A**	29,000	TDR&TXV	15.50		13.00	28,800	3.74	16,800	2.50	8.4	315(A,J)AV066155	
	CSPH*3012A**	28,800	TDR&TXV	15.00		12.50	28,800	3.68	16,900	2.46	8.3	355AAV042040	
	CSPH*3012A**	28,800	TDR&TXV	15.50		12.50	28,800	3.68	16,900	2.46	8.3	355AAV042060	
	CSPH*3012A**	28,800	TDR&TXV	15.50		12.50	28,800	3.68	16,900	2.46	8.3	355AAV042080	
CSPH*3012A**	28,800	TDR&TXV	15.50		13.00	28,800	3.70	16,900	2.46	8.3	355AAV060080		
CSPH*3012A**	28,800	TDR&TXV	15.50		13.00	28,800	3.70	16,900	2.48	8.3	355AAV060100		
CSPH*3012A**	28,800	TDR&TXV	15.50		13.00	28,800	3.68	16,800	2.46	8.3	355AAV060120		
CSPH*3012A**	29,000	TXV		14.00	12.00	30,000	3.68	17,800	2.42	8.2			
CSPH*3612A**	28,800	TDR&TXV	15.50		13.00	28,800	3.80	17,000	2.52	8.4	315(A,J)AV036070		
CSPH*3612A**	28,800	TDR&TXV	15.50		13.00	28,800	3.82	16,900	2.54	8.4	315(A,J)AV048090		

See notes on pg. 17

# COMBINATION RATINGS CONTINUED

Unit Size - Series	Indoor Model	Cooling Capacity	ARI Standard Ratings									Furnace Model	
			Cooling				Heating						
			Factory Enhance	Standard Rating	SEER TDR	EER	High Temp		Low Temp		HSPF		
							E Capacity	E COP	H Capacity	H COP			
030-B	CSPH*3612A**	29,000	TDR&TXV	15.50		13.00	28,800	3.84	16,900	2.54	8.4	315(A,J)AV060110	
	CSPH*3612A**	29,000	TDR&TXV	15.50		13.00	28,800	3.84	16,900	2.54	8.4	315(A,J)AV066135	
	CSPH*3612A**	29,000	TDR&TXV	15.50		13.00	28,800	3.86	16,900	2.54	8.4	315(A,J)AV066155	
	CSPH*3612A**	28,800	TDR&TXV	15.00		12.50	28,800	3.80	17,000	2.50	8.3	355AAV042040	
	CSPH*3612A**	28,800	TDR&TXV	15.50		13.00	28,800	3.80	16,900	2.52	8.4	355AAV042060	
	CSPH*3612A**	28,800	TDR&TXV	15.50		13.00	28,800	3.80	17,000	2.52	8.3	355AAV042080	
	CSPH*3612A**	28,800	TDR&TXV	15.50		13.00	28,800	3.80	17,000	2.52	8.4	355AAV060080	
	CSPH*3612A**	29,000	TDR&TXV	15.50		13.00	28,800	3.82	16,900	2.52	8.4	355AAV060100	
	CSPH*3612A**	29,000	TDR&TXV	15.50		13.00	28,800	3.80	16,900	2.52	8.4	355AAV060120	
	CSPH*3612A**	29,000	TXV		14.00	12.00	30,000	3.78	17,900	2.46	8.3		
	*FX4CN(B,F)042	36,000	TDR&TXV	15.50		12.50	34,000	3.74	19,800	2.46	8.4		
	FE4ANB006	36,000	TDR&TXV	16.00		13.00	33,600	3.90	19,400	2.56	8.4		
	FE4ANF002	34,600	TDR&TXV	15.00		12.50	33,200	3.56	19,400	2.38	7.8		
	FE4ANF003	34,800	TDR&TXV	15.50		12.50	33,000	3.58	19,200	2.42	7.8		
	FE4ANF005	36,000	TDR&TXV	16.00		13.00	33,400	3.80	19,400	2.52	8.2		
	FE5ANB004	36,000	TDR&TXV	16.00		13.00	33,600	3.92	19,400	2.56	8.4		
	FF1ENP036	34,600	TDR&TXV	13.50		11.20	34,200	3.44	20,200	2.30	7.7		
	FV4BNB006	36,000	TDR&TXV	16.00		13.00	33,600	3.90	19,400	2.56	8.4		
	FV4BNF002	34,600	TDR&TXV	15.00		12.50	33,200	3.56	19,400	2.38	7.8		
	FV4BNF003	34,800	TDR&TXV	15.00		12.50	33,000	3.58	19,200	2.42	7.8		
	FV4BNF005	36,000	TDR&TXV	16.00		13.00	33,400	3.80	19,400	2.52	8.2		
	FX4CN(B,F)036	35,200	TDR&TXV	15.00		12.50	33,600	3.64	19,700	2.42	8.0		
	FY4ANF036	34,600	TDR&TXV	13.50		11.20	34,400	3.46	20,400	2.30	7.7		
	FY4ANF042	35,000	TDR&TXV	14.00		11.50	34,600	3.56	20,400	2.34	8.0		
	CAP**3614A**	33,400	TDR&TXV	14.50		12.00	33,200	3.46	19,400	2.36	7.7	315(A,J)AV036070	
	CAP**3614A**	33,600	TXV		14.00	11.50	33,200	3.44	20,000	2.30	7.7		
	CAP**3617A**	34,600	TDR&TXV	15.00		12.50	33,000	3.52	19,200	2.38	7.7	315(A,J)AV048090	
	CAP**3617A**	34,400	TDR&TXV	15.00		12.50	33,000	3.50	19,300	2.38	7.7	355AAV042060	
	CAP**3617A**	34,600	TXV		14.00	11.50	34,200	3.48	20,200	2.32	7.7		
	CAP**3621A**	34,600	TDR&TXV	15.00		12.50	33,000	3.54	19,200	2.40	7.8	315(A,J)AV060110	
	CAP**3621A**	34,400	TDR&TXV	14.50		12.00	33,000	3.48	19,300	2.36	7.7	355AAV042080	
	CAP**3621A**	34,400	TDR&TXV	15.00		12.50	33,000	3.50	19,300	2.38	7.7	355AAV060080	
	CAP**3621A**	34,600	TDR&TXV	15.00		12.50	33,000	3.52	19,200	2.38	7.7	355AAV060100	
	CAP**3621A**	34,600	TXV		14.00	11.50	34,200	3.48	20,200	2.32	7.7		
	CAP**4221A**	34,800	TDR&TXV	15.00		12.50	33,000	3.58	19,300	2.42	7.8	315(A,J)AV060110	
	CAP**4221A**	34,600	TDR&TXV	15.00		12.50	33,200	3.52	19,400	2.38	7.7	355AAV042080	
	CAP**4221A**	34,800	TDR&TXV	15.00		12.50	33,200	3.54	19,300	2.40	7.8	355AAV060080	
	CAP**4221A**	34,800	TDR&TXV	15.00		12.50	33,200	3.56	19,300	2.40	7.8	355AAV060100	
	CAP**4221A**	35,000	TXV		14.00	11.50	34,400	3.52	20,400	2.34	7.7		
	CAP**4224A**	34,800	TDR&TXV	15.50		12.50	33,000	3.60	19,200	2.42	7.9	315(A,J)AV066135	
	CAP**4224A**	35,000	TDR&TXV	15.50		13.00	33,000	3.62	19,100	2.44	7.9	315(A,J)AV066155	
	CAP**4224A**	34,600	TDR&TXV	15.00		12.50	33,200	3.54	19,400	2.38	7.7	355AAV042040	
	CAP**4224A**	34,800	TDR&TXV	15.00		12.50	33,000	3.56	19,200	2.40	7.8	355AAV060120	
	CAP**4224A**	35,000	TXV		14.00	11.50	34,400	3.52	20,400	2.34	7.7		
	CNPF*3618A**	34,600	TXV			13.50	11.20	34,200	3.46	20,200	2.32	7.7	
	CNPH*3617A**	34,200	TDR&TXV	14.50		12.00	33,000	3.46	19,400	2.34	7.7	315(A,J)AV036070	
	CNPH*3617A**	34,400	TDR&TXV	15.00		12.50	33,000	3.50	19,200	2.38	7.7	315(A,J)AV048090	
	CNPH*3617A**	34,400	TDR&TXV	15.00		12.50	33,000	3.50	19,300	2.38	7.7	315(A,J)AV060110	
	CNPH*3617A**	34,400	TDR&TXV	15.00		12.50	33,000	3.50	19,200	2.38	7.7	315(A,J)AV066135	
	CNPH*3617A**	34,600	TDR&TXV	15.00		12.50	33,000	3.52	19,200	2.40	7.7	315(A,J)AV066155	
	CNPH*3617A**	34,200	TDR&TXV	14.50		12.00	33,000	3.44	19,400	2.34	7.7	355AAV042040	
	CNPH*3617A**	34,400	TDR&TXV	15.00		12.00	33,000	3.46	19,300	2.36	7.7	355AAV042060	
	CNPH*3617A**	34,200	TDR&TXV	14.50		12.00	33,000	3.42	19,400	2.34	7.7	355AAV042080	
	CNPH*3617A**	34,400	TDR&TXV	15.00		12.00	33,000	3.46	19,300	2.36	7.7	355AAV060080	
	CNPH*3617A**	34,400	TDR&TXV	15.00		12.00	33,000	3.48	19,300	2.36	7.7	355AAV060100	
	CNPH*3617A**	34,400	TDR&TXV	15.00		12.50	33,000	3.48	19,200	2.36	7.7	355AAV060120	
	CNPH*3617A**	34,600	TXV		14.00	11.50	34,200	3.46	20,200	2.32	7.7		
	CNPH*4221A**	34,600	TDR&TXV	15.00		12.50	33,200	3.58	19,300	2.40	7.8	315(A,J)AV036070	
	CNPH*4221A**	34,800	TDR&TXV	15.50		13.00	33,000	3.62	19,100	2.44	7.8	315(A,J)AV048090	
	CNPH*4221A**	34,800	TDR&TXV	15.50		13.00	33,000	3.64	19,200	2.44	7.8	315(A,J)AV060110	
	CNPH*4221A**	34,800	TDR&TXV	15.50		13.00	32,800	3.64	19,100	2.46	8.0	315(A,J)AV066135	
	CNPH*4221A**	34,800	TDR&TXV	15.50		13.00	32,800	3.66	19,000	2.46	7.9	315(A,J)AV066155	

See notes on pg. 17

265A

# COMBINATION RATINGS CONTINUED

Unit Size - Series	Indoor Model	Cooling Capacity	ARI Standard Ratings										
			Cooling				Heating						Furnace Model
			Factory Enhance	Standard Rating	SEER TDR	EER	High Temp		Low Temp		HSPF		
E Capacity	E COP	H Capacity					H COP						
036-B	CNPH*4221A**	34,600	TDR&TXV	15.00		12.50	33,000	3.58	19,300	2.40	7.7	355AAV042040	
	CNPH*4221A**	34,800	TDR&TXV	15.00		12.50	33,000	3.60	19,200	2.42	7.8	355AAV042060	
	CNPH*4221A**	34,800	TDR&TXV	15.00		12.50	33,000	3.56	19,300	2.40	7.7	355AAV042080	
	CNPH*4221A**	34,800	TDR&TXV	15.00		12.50	33,000	3.58	19,300	2.42	7.8	355AAV060080	
	CNPH*4221A**	34,800	TDR&TXV	15.00		12.50	33,000	3.60	19,200	2.42	7.8	355AAV060100	
	CNPH*4221A**	34,800	TDR&TXV	15.00		12.50	33,000	3.60	19,100	2.44	7.8	355AAV060120	
	CNPH*4221A**	35,000	TXV			14.00	11.50	34,400	3.54	20,400	2.34	7.7	
036-B	CNPV*3617A**	34,400	TDR&TXV	15.00		12.50	33,000	3.50	19,200	2.38	7.7	315(A,J)AV048090	
	CNPV*3617A**	34,400	TDR&TXV	15.00		12.00	33,000	3.46	19,300	2.36	7.7	355AAV042060	
	CNPV*3617A**	34,600	TXV			14.00	11.50	34,200	3.46	20,200	2.32	7.7	
	CNPV*3621A**	34,400	TDR&TXV	15.00		12.50	33,000	3.50	19,300	2.38	7.7	315(A,J)AV060110	
	CNPV*3621A**	34,200	TDR&TXV	14.50		12.00	33,000	3.44	19,400	2.34	7.7	355AAV042080	
	CNPV*3621A**	34,400	TDR&TXV	14.50		12.00	33,000	3.48	19,300	2.36	7.7	355AAV060080	
	CNPV*3621A**	34,400	TDR&TXV	15.00		12.50	33,000	3.48	19,300	2.36	7.7	355AAV060100	
	CNPV*3621A**	34,600	TXV			14.00	11.50	34,200	3.46	20,200	2.32	7.7	
	CNPV*4221A**	34,800	TDR&TXV	15.00		12.50	33,000	3.64	19,200	2.44	7.8	315(A,J)AV060110	
	CNPV*4221A**	34,600	TDR&TXV	15.00		12.50	33,000	3.56	19,300	2.40	7.7	355AAV042080	
	CNPV*4221A**	34,800	TDR&TXV	15.00		12.50	33,000	3.58	19,300	2.42	7.8	355AAV060080	
	CNPV*4221A**	34,800	TDR&TXV	15.00		12.50	33,000	3.60	19,200	2.42	7.8	355AAV060100	
	CNPV*4221A**	35,000	TXV			14.00	11.50	34,400	3.54	20,400	2.34	7.7	
	CSPH*3612A**	34,600	TDR&TXV	15.00		12.50	33,000	3.60	19,500	2.40	7.8	315(A,J)AV036070	
	CSPH*3612A**	34,600	TDR&TXV	15.00		12.50	33,000	3.64	19,400	2.44	7.8	315(A,J)AV048090	
	CSPH*3612A**	34,600	TDR&TXV	15.00		12.50	33,000	3.66	19,400	2.44	7.8	315(A,J)AV060110	
	CSPH*3612A**	34,600	TDR&TXV	15.00		12.50	33,000	3.66	19,300	2.44	7.9	315(A,J)AV066135	
	CSPH*3612A**	34,600	TDR&TXV	15.00		12.50	33,000	3.68	19,300	2.46	8.0	315(A,J)AV066155	
	CSPH*3612A**	34,600	TDR&TXV	15.00		12.50	33,000	3.58	19,500	2.40	7.7	355AAV042040	
	CSPH*3612A**	34,400	TDR&TXV	15.00		12.50	33,000	3.62	19,400	2.42	7.7	355AAV042060	
	CSPH*3612A**	34,400	TDR&TXV	15.00		12.50	33,000	3.58	19,500	2.40	7.7	355AAV042080	
	CSPH*3612A**	34,400	TDR&TXV	15.00		12.50	33,000	3.62	19,400	2.42	7.7	355AAV060080	
	CSPH*3612A**	34,600	TDR&TXV	15.00		12.50	33,000	3.62	19,400	2.42	7.8	355AAV060100	
	CSPH*3612A**	34,600	TDR&TXV	15.00		12.50	33,000	3.62	19,400	2.42	7.8	355AAV060120	
CSPH*3612A**	34,600	TXV			14.00	11.50	34,200	3.60	20,400	2.38	7.7		
CSPH*4212A**	34,800	TDR&TXV	15.00		12.50	33,200	3.64	19,500	2.42	7.8	315(A,J)AV036070		
CSPH*4212A**	34,800	TDR&TXV	15.00		12.50	33,200	3.68	19,400	2.46	7.8	315(A,J)AV048090		
CSPH*4212A**	34,800	TDR&TXV	15.00		12.50	33,200	3.70	19,400	2.46	7.8	315(A,J)AV060110		
CSPH*4212A**	34,800	TDR&TXV	15.00		12.50	33,200	3.70	19,400	2.46	7.8	315(A,J)AV066135		
CSPH*4212A**	35,000	TDR&TXV	15.50		13.00	33,200	3.72	19,300	2.48	7.8	315(A,J)AV066155		
CSPH*4212A**	34,600	TDR&TXV	15.00		12.50	33,000	3.62	19,500	2.42	7.7	355AAV042040		
CSPH*4212A**	34,600	TDR&TXV	15.00		12.50	33,200	3.66	19,400	2.44	7.8	355AAV042060		
CSPH*4212A**	34,600	TDR&TXV	15.00		12.50	33,200	3.62	19,500	2.42	7.8	355AAV042080		
CSPH*4212A**	34,800	TDR&TXV	15.00		12.50	33,200	3.66	19,500	2.44	7.8	355AAV060080		
CSPH*4212A**	34,800	TDR&TXV	15.00		12.50	33,200	3.66	19,500	2.44	7.8	355AAV060100		
CSPH*4212A**	34,800	TDR&TXV	15.00		12.50	33,200	3.66	19,400	2.44	7.8	355AAV060120		
CSPH*4212A**	35,000	TXV			14.00	12.00	34,400	3.64	20,400	2.38	7.7		
042-B	*FX4CN(B,F)048	42,000	TDR&TXV	15.50		12.50	42,000	3.80	25,400	2.64	8.5		
	FE4ANB006	42,000	TDR&TXV	16.00		13.00	41,500	3.82	25,000	2.66	8.7		
	FE4ANF003	40,500	TDR&TXV	14.50		12.00	40,500	3.50	24,800	2.52	8.1		
	FE4ANF005	42,000	TDR&TXV	15.50		12.50	41,000	3.72	25,000	2.62	8.5		
	FE5ANB004	42,000	TDR&TXV	16.00		13.00	41,500	3.86	25,000	2.68	8.7		
	FV4BNB006	42,000	TDR&TXV	16.00		13.00	41,500	3.82	25,000	2.66	8.7		
	FV4BNF003	40,500	TDR&TXV	14.50		11.50	40,500	3.50	24,800	2.52	8.1		
	FV4BNF005	42,000	TDR&TXV	15.50		12.50	41,000	3.72	25,000	2.62	8.5		
	FX4CN(B,F)042	42,000	TDR&TXV	14.50		12.00	41,500	3.66	25,600	2.56	8.4		
	FY4ANF042	41,500	TDR&TXV	13.50		11.20	42,000	3.50	26,200	2.46	8.0		
	FY4ANF048	42,000	TDR&TXV	14.00		11.50	42,500	3.60	26,200	2.50	8.2		
	CAP**4221A**	41,000	TDR&TXV	14.50		12.00	40,500	3.50	24,800	2.52	8.1	315(A,J)AV060110	
	CAP**4221A**	40,500	TDR&TXV	14.00		11.50	40,500	3.42	25,000	2.48	8.0	355AAV042080	
	CAP**4221A**	40,500	TDR&TXV	14.00		12.00	40,500	3.46	25,000	2.50	8.0	355AAV060080	
	CAP**4221A**	40,500	TDR&TXV	14.00		12.00	40,500	3.48	25,000	2.50	8.0	355AAV060100	
	CAP**4221A**	41,000	TXV			13.50	11.20	42,000	3.48	26,000	2.46	8.0	
	CAP**4224A**	41,000	TDR&TXV	14.50		12.00	40,500	3.52	24,800	2.54	8.2	315(A,J)AV066135	
	CAP**4224A**	41,000	TDR&TXV	14.50		12.00	40,500	3.52	24,600	2.54	8.2	315(A,J)AV066155	
	CAP**4224A**	40,500	TDR&TXV	14.00		11.50	40,500	3.44	25,000	2.48	8.0	355AAV042040	
	CAP**4224A**	40,500	TDR&TXV	14.50		12.00	40,500	3.48	24,800	2.50	8.0	355AAV060120	
	CAP**4224A**	41,000	TXV			13.50	11.20	42,000	3.48	26,000	2.46	8.0	
	CAP**4817A**	40,000	TDR&TXV	14.50		12.00	41,000	3.64	25,200	2.58	8.3	315(A,J)AV048090	
	CAP**4817A**	40,000	TDR&TXV	14.00		12.00	41,500	3.62	25,200	2.56	8.3	355AAV042060	
	CAP**4817A**	40,500	TXV			14.00	11.50	42,500	3.66	26,200	2.52	8.3	

265A

See notes on pg. 17

# COMBINATION RATINGS CONTINUED

Unit Size – Series	Indoor Model	Cooling Capacity	ARI Standard Ratings									Furnace Model		
			Cooling				Heating				HSPF			
			Factory Enhance	Standard Rating	SEER TDR	EER	High Temp		Low Temp					
E Capacity	E COP	H Capacity					H COP							
042-B	CAP**4821A**	41,500	TDR&TXV	14.50		12.00	41,000	3.62	25,000	2.56	8.3	315(A,J)AV060110		
	CAP**4821A**	41,000	TDR&TXV	14.00		12.00	41,000	3.54	25,200	2.52	8.2	355AAV042080		
	CAP**4821A**	41,500	TDR&TXV	14.50		12.00	41,000	3.58	25,200	2.54	8.2	355AAV060080		
	CAP**4821A**	41,500	TDR&TXV	14.50		12.00	41,000	3.60	25,000	2.56	8.3	355AAV060100		
	CAP**4821A**	41,500	TXV			14.00	11.50	42,500	3.60	26,200	2.50	8.2		
	CAP**4824A**	41,500	TDR&TXV	15.00			12.50	41,000	3.64	25,000	2.58	8.4	315(A,J)AV066135	
	CAP**4824A**	41,500	TDR&TXV	15.00			12.50	41,000	3.64	24,800	2.58	8.3	315(A,J)AV066155	
	CAP**4824A**	41,000	TDR&TXV	14.00			12.00	41,000	3.54	25,200	2.52	8.2	355AAV042040	
	CAP**4824A**	41,500	TDR&TXV	14.50			12.00	41,000	3.58	25,000	2.56	8.2	355AAV060120	
	CAP**4824A**	41,500	TXV			14.00	11.50	42,500	3.60	26,200	2.50	8.2		
	CNPF*4818A**	40,500	TXV				13.50	11.20	41,500	3.56	26,000	2.48	8.0	
	CNPH*4221A**	40,500	TDR&TXV	14.00			12.00	40,500	3.48	25,000	2.50	8.0	315(A,J)AV036070	
	CNPH*4221A**	40,500	TDR&TXV	14.00			12.00	40,500	3.52	24,800	2.54	8.2	315(A,J)AV048090	
	CNPH*4221A**	41,000	TDR&TXV	14.50			12.00	40,500	3.56	24,600	2.56	8.2	315(A,J)AV060110	
	CNPH*4221A**	41,000	TDR&TXV	14.50			12.00	40,500	3.58	24,600	2.56	8.2	315(A,J)AV066135	
	CNPH*4221A**	41,000	TDR&TXV	14.50			12.00	40,500	3.56	24,600	2.56	8.2	315(A,J)AV066155	
	CNPH*4221A**	40,500	TDR&TXV	14.00			12.00	40,500	3.48	24,800	2.50	8.0	355AAV042040	
	CNPH*4221A**	40,500	TDR&TXV	14.00			12.00	40,500	3.50	24,800	2.52	8.0	355AAV042060	
	CNPH*4221A**	40,500	TDR&TXV	14.00			12.00	40,500	3.46	24,800	2.50	8.0	355AAV042080	
	CNPH*4221A**	40,500	TDR&TXV	14.00			12.00	40,500	3.50	24,800	2.52	8.0	355AAV060080	
	CNPH*4221A**	40,500	TDR&TXV	14.00			12.00	40,500	3.52	24,800	2.54	8.2	355AAV060100	
	CNPH*4221A**	40,500	TDR&TXV	14.50			12.00	40,500	3.52	24,600	2.54	8.2	355AAV060120	
	CNPH*4221A**	41,000	TXV			13.50	11.20	42,000	3.50	26,000	2.46	8.0		
	CNPH*4821A**	41,000	TDR&TXV	14.00			12.00	41,000	3.56	25,200	2.52	8.2	315(A,J)AV036070	
	CNPH*4821A**	41,000	TDR&TXV	14.00			12.00	41,000	3.62	25,000	2.56	8.3	315(A,J)AV048090	
	CNPH*4821A**	41,500	TDR&TXV	14.50			12.00	41,000	3.64	25,000	2.58	8.3	315(A,J)AV060110	
	CNPH*4821A**	41,500	TDR&TXV	14.50			12.00	41,000	3.66	25,000	2.58	8.4	315(A,J)AV066135	
	CNPH*4821A**	41,500	TDR&TXV	14.50			12.00	41,000	3.64	24,800	2.58	8.4	315(A,J)AV066155	
	CNPH*4821A**	41,000	TDR&TXV	14.00			12.00	41,000	3.56	25,200	2.52	8.2	355AAV042040	
	CNPH*4821A**	41,000	TDR&TXV	14.00			12.00	41,000	3.58	25,000	2.54	8.2	355AAV042060	
	CNPH*4821A**	41,000	TDR&TXV	14.00			12.00	41,000	3.54	25,200	2.52	8.2	355AAV042080	
	CNPH*4821A**	41,500	TDR&TXV	14.50			12.00	41,000	3.58	25,200	2.54	8.2	355AAV060080	
	CNPH*4821A**	41,500	TDR&TXV	14.50			12.00	41,000	3.60	25,000	2.56	8.3	355AAV060100	
	CNPH*4821A**	41,500	TDR&TXV	14.50			12.00	41,000	3.60	25,000	2.56	8.3	355AAV060120	
	CNPH*4821A**	41,500	TXV			14.00	11.50	42,500	3.60	26,200	2.50	8.2		
	CNPV*4221A**	41,000	TDR&TXV	14.50			12.00	40,500	3.56	24,600	2.56	8.2	315(A,J)AV060110	
	CNPV*4221A**	40,500	TDR&TXV	14.00			12.00	40,500	3.46	24,800	2.50	8.0	355AAV042080	
	CNPV*4221A**	40,500	TDR&TXV	14.00			12.00	40,500	3.50	24,800	2.52	8.1	355AAV060080	
	CNPV*4221A**	40,500	TDR&TXV	14.00			12.00	40,500	3.52	24,800	2.54	8.2	355AAV060100	
	CNPV*4221A**	41,000	TXV			13.50	11.20	42,000	3.50	26,000	2.46	8.0		
	CNPV*4821A**	41,500	TDR&TXV	14.50			12.00	41,000	3.64	25,000	2.58	8.3	315(A,J)AV060110	
	CNPV*4821A**	41,000	TDR&TXV	14.00			12.00	40,500	3.54	25,200	2.52	8.2	355AAV042080	
	CNPV*4821A**	41,500	TDR&TXV	14.50			12.00	40,500	3.58	25,200	2.54	8.2	355AAV060080	
	CNPV*4821A**	41,500	TDR&TXV	14.50			12.00	41,000	3.60	25,000	2.56	8.3	355AAV060100	
	CNPV*4821A**	41,500	TXV			14.00	11.50	42,500	3.60	26,200	2.50	8.2		
	CNPV*4824A**	41,000	TDR&TXV	14.50			12.00	41,000	3.66	25,000	2.58	8.3	315(A,J)AV066135	
	CNPV*4824A**	41,000	TDR&TXV	14.50			12.00	41,000	3.64	24,800	2.58	8.3	315(A,J)AV066155	
	CNPV*4824A**	40,500	TDR&TXV	14.00			12.00	41,000	3.56	25,200	2.52	8.2	355AAV042040	
	CNPV*4824A**	40,500	TDR&TXV	14.50			12.00	41,000	3.60	25,000	2.56	8.3	355AAV060120	
	CNPV*4824A**	41,500	TXV			14.00	11.50	42,500	3.60	26,200	2.50	8.2		
CSPH*4212A**	40,500	TDR&TXV	14.00			12.00	40,500	3.56	25,400	2.52	8.2	315(A,J)AV036070		
CSPH*4212A**	40,500	TDR&TXV	14.50			12.00	40,500	3.60	25,000	2.56	8.2	315(A,J)AV048090		
CSPH*4212A**	41,000	TDR&TXV	14.50			12.00	40,500	3.62	25,200	2.56	8.2	315(A,J)AV060110		
CSPH*4212A**	41,000	TDR&TXV	14.50			12.00	40,500	3.64	25,000	2.58	8.2	315(A,J)AV066135		
CSPH*4212A**	41,000	TDR&TXV	14.50			12.00	40,500	3.64	25,000	2.58	8.2	315(A,J)AV066155		
CSPH*4212A**	40,500	TDR&TXV	14.00			11.50	40,500	3.54	25,200	2.52	8.0	355AAV042040		
CSPH*4212A**	40,500	TDR&TXV	14.50			12.00	40,500	3.58	25,200	2.54	8.0	355AAV042060		
CSPH*4212A**	40,500	TDR&TXV	14.00			12.00	40,500	3.54	25,200	2.52	8.0	355AAV042080		
CSPH*4212A**	40,500	TDR&TXV	14.50			12.00	40,500	3.58	25,200	2.54	8.2	355AAV060080		
CSPH*4212A**	40,500	TDR&TXV	14.50			12.00	40,500	3.60	25,200	2.54	8.2	355AAV060100		
CSPH*4212A**	40,500	TDR&TXV	14.50			12.00	40,500	3.58	25,000	2.56	8.2	355AAV060120		
CSPH*4212A**	41,000	TXV			14.00	11.50	42,000	3.62	26,200	2.52	8.0			
CSPH*4812A**	41,000	TDR&TXV	14.50			12.00	41,000	3.58	25,400	2.54	8.2	315(A,J)AV036070		
CSPH*4812A**	41,000	TDR&TXV	14.50			12.00	41,000	3.64	25,200	2.56	8.2	315(A,J)AV048090		
CSPH*4812A**	41,500	TDR&TXV	14.50			12.00	41,000	3.64	25,200	2.58	8.3	315(A,J)AV060110		

See notes on pg. 17

265A

# COMBINATION RATINGS CONTINUED

Unit Size - Series	Indoor Model	Cooling Capacity	ARI Standard Ratings									Furnace Model	
			Cooling				Heating						
			Factory Enhance	Standard Rating	SEER TDR	EER	High Temp		Low Temp		HSPF		
							E Capacity	E COP	H Capacity	H COP			
042-B	CSPH*4812A**	41,500	TDR&TXV	14.50		12.00	41,000	3.68	25,000	2.60	8.4	315(A,J)AV066135	
	CSPH*4812A**	41,500	TDR&TXV	14.50		12.00	41,000	3.66	25,000	2.60	8.4	315(A,J)AV066155	
	CSPH*4812A**	41,000	TDR&TXV	14.00		12.00	41,000	3.58	25,200	2.54	8.2	355AAV042040	
	CSPH*4812A**	41,000	TDR&TXV	14.50		12.00	41,000	3.60	25,200	2.56	8.2	355AAV042060	
	CSPH*4812A**	41,000	TDR&TXV	14.50		12.00	41,000	3.56	25,400	2.52	8.2	355AAV042080	
	CSPH*4812A**	41,500	TDR&TXV	14.50		12.00	41,000	3.60	25,200	2.54	8.3	355AAV060080	
	CSPH*4812A**	41,500	TDR&TXV	14.50		12.00	41,000	3.62	25,200	2.56	8.3	355AAV060100	
V40-D	CSPH*4812A**	41,500	TDR&TXV	14.50		12.00	41,000	3.62	25,000	2.56	8.3	355AAV060120	
	CSPH*4812A**	41,500	TXV			14.00	11.50	42,500	3.64	26,200	2.52	8.2	
	*FX4CN(B,F)060	48,000	TDR&TXV	15.50		13.0	48,000	3.98	30,000	2.68	9.0		
	FE4ANB006	48,000	TDR&TXV	15.50		13.00	47,000	3.88	29,400	2.66	8.7		
	FE4ANF005	48,000	TDR&TXV	15.00		12.50	47,000	3.74	29,400	2.60	8.4		
	FV4BNB006	48,000	TDR&TXV	15.50		13.00	47,000	3.88	29,400	2.66	8.7		
	FV4BNF005	48,000	TDR&TXV	15.00		12.50	47,000	3.74	29,400	2.60	8.4		
	FX4CN(B,F)048	48,000	TDR&TXV	15.00		12.50	48,000	3.82	30,000	2.62	8.5		
	FY4ANB060	48,000	TDR&TXV	14.00		12.00	49,000	3.76	31,000	2.54	8.4		
	FY4ANF048	48,000	TDR&TXV	13.50		11.20	48,000	3.66	31,000	2.50	8.2		
	CAP**4817A**	46,000	TDR&TXV	14.00		12.00	47,000	3.66	29,800	2.54	8.2	315(A,J)AV048090	
	CAP**4817A**	47,000	TXV			14.00	12.00	47,500	3.64	30,200	2.50	8.2	
	CAP**4821A**	47,000	TDR&TXV	14.00		12.00	47,000	3.64	29,600	2.54	8.2	315(A,J)AV060110	
	CAP**4821A**	47,000	TDR&TXV	14.00		12.00	47,000	3.58	29,800	2.50	8.1	355AAV060080	
	CAP**4821A**	47,000	TDR&TXV	14.50		12.00	47,000	3.60	29,600	2.52	8.2	355AAV060100	
	CAP**4821A**	48,000	TXV			14.00	12.00	48,500	3.68	30,600	2.52	8.3	
	CAP**4824A**	47,500	TDR&TXV	14.50		12.00	47,000	3.66	29,400	2.56	8.2	315(A,J)AV066135	
	CAP**4824A**	47,500	TDR&TXV	15.00		12.50	47,000	3.70	29,400	2.58	8.3	315(A,J)AV066155	
	CAP**4824A**	47,000	TDR&TXV	14.50		12.00	47,000	3.60	29,600	2.52	8.2	355AAV060120	
	CAP**4824A**	48,000	TXV			14.00	12.00	48,500	3.68	30,600	2.52	8.3	
	CAP**6021A**	48,000	TDR&TXV	15.00		12.50	47,000	3.72	29,600	2.58	8.3	315(A,J)AV060110	
	CAP**6021A**	48,000	TDR&TXV	14.50		12.00	47,500	3.66	29,800	2.54	8.2	355AAV060080	
	CAP**6021A**	48,000	TDR&TXV	14.50		12.00	47,000	3.68	29,800	2.56	8.3	355AAV060100	
	CAP**6021A**	48,000	TXV			14.00	12.00	48,500	3.74	30,800	2.54	8.4	
	CAP**6024A**	48,000	TDR&TXV	15.00		12.50	47,000	3.74	29,600	2.60	8.3	315(A,J)AV066135	
	CAP**6024A**	48,000	TDR&TXV	15.00		12.50	47,000	3.76	29,400	2.60	8.4	315(A,J)AV066155	
	CAP**6024A**	48,000	TDR&TXV	14.50		12.00	47,000	3.66	29,800	2.56	8.2	355AAV060120	
	CAP**6024A**	48,000	TXV			14.00	12.00	48,500	3.74	30,800	2.54	8.4	
	CNPF*4818A**	47,000	TXV			14.00	11.50	47,000	3.52	30,000	2.46	8.0	
	CNPH*4821A**	47,000	TDR&TXV	14.50		12.00	47,000	3.62	29,600	2.52	8.2	315(A,J)AV048090	
	CNPH*4821A**	47,000	TDR&TXV	14.50		12.00	47,000	3.64	29,600	2.54	8.2	315(A,J)AV060110	
	CNPH*4821A**	47,500	TDR&TXV	14.50		12.00	47,000	3.66	29,400	2.56	8.2	315(A,J)AV066135	
	CNPH*4821A**	47,500	TDR&TXV	15.00		12.50	47,000	3.70	29,400	2.58	8.3	315(A,J)AV066155	
	CNPH*4821A**	47,000	TDR&TXV	14.00		12.00	47,000	3.60	29,800	2.52	8.1	355AAV060080	
	CNPH*4821A**	47,500	TDR&TXV	14.50		12.00	47,000	3.62	29,600	2.52	8.2	355AAV060100	
	CNPH*4821A**	47,000	TDR&TXV	14.50		12.00	47,000	3.60	29,600	2.52	8.2	355AAV060120	
	CNPH*4821A**	48,000	TXV			14.00	12.00	48,500	3.68	30,600	2.52	8.3	
	CNPH*6024A**	48,000	TDR&TXV	14.50		12.00	47,000	3.68	29,600	2.56	8.2	315(A,J)AV048090	
	CNPH*6024A**	48,000	TDR&TXV	15.00		12.50	47,000	3.70	29,600	2.58	8.3	315(A,J)AV060110	
	CNPH*6024A**	48,000	TDR&TXV	15.00		12.50	47,000	3.72	29,400	2.60	8.3	315(A,J)AV066135	
	CNPH*6024A**	48,000	TDR&TXV	15.00		12.50	47,000	3.76	29,400	2.60	8.4	315(A,J)AV066155	
	CNPH*6024A**	48,000	TDR&TXV	14.50		12.00	47,000	3.66	29,800	2.54	8.2	355AAV060080	
	CNPH*6024A**	48,000	TDR&TXV	14.50		12.00	47,000	3.68	29,800	2.56	8.2	355AAV060100	
	CNPH*6024A**	48,000	TDR&TXV	14.50		12.00	47,000	3.66	29,600	2.56	8.2	355AAV060120	
CNPH*6024A**	48,000	TXV			14.00	12.00	48,500	3.72	30,800	2.54	8.3		
CNPV*4821A**	47,000	TDR&TXV	14.50		12.00	47,000	3.64	29,600	2.54	8.2	315(A,J)AV060110		
CNPV*4821A**	47,000	TDR&TXV	14.00		12.00	47,000	3.60	29,800	2.52	8.1	355AAV060080		
CNPV*4821A**	47,500	TDR&TXV	14.50		12.00	47,000	3.62	29,600	2.52	8.2	355AAV060100		
CNPV*4821A**	48,000	TXV			14.00	12.00	48,500	3.68	30,600	2.52	8.3		
CNPV*4824A**	47,500	TDR&TXV	15.00		12.50	47,000	3.66	29,400	2.56	8.2	315(A,J)AV066135		
CNPV*4824A**	47,500	TDR&TXV	15.00		12.50	47,000	3.70	29,400	2.58	8.3	315(A,J)AV066155		
CNPV*4824A**	47,000	TDR&TXV	14.50		12.00	47,000	3.60	29,600	2.52	8.2	355AAV060120		
CNPV*4824A**	48,000	TXV			14.00	12.00	48,500	3.68	30,600	2.52	8.3		
CNPV*6024A**	48,000	TDR&TXV	15.00		12.50	47,000	3.72	29,400	2.60	8.3	315(A,J)AV066135		
CNPV*6024A**	48,000	TDR&TXV	15.00		12.50	47,000	3.76	29,400	2.60	8.4	315(A,J)AV066155		
CNPV*6024A**	48,000	TDR&TXV	14.50		12.00	47,000	3.66	29,600	2.56	8.2	355AAV060120		
CNPV*6024A**	48,000	TXV			14.00	12.00	48,500	3.72	30,800	2.54	8.3		

See notes on pg. 17

265A



# COMBINATION RATINGS CONTINUED

Unit Size - Series	Indoor Model	Cooling Capacity	ARI Standard Ratings									Furnace Model	
			Cooling				Heating						
			Factory Enhance	Standard Rating	SEER TDR	EER	High Temp		Low Temp		HSPF		
							E Capacity	E COP	H Capacity	H COP			
048-B	CSPH*4812A**	47,000	TDR&TXV	14.00		12.00	47,000	3.66	29,800	2.54	8.2	315(A,J)AV048090	
	CSPH*4812A**	47,000	TDR&TXV	14.50		12.00	47,000	3.66	29,800	2.54	8.2	315(A,J)AV060110	
	CSPH*4812A**	47,500	TDR&TXV	14.50		12.00	47,000	3.70	29,600	2.56	8.2	315(A,J)AV066135	
	CSPH*4812A**	47,500	TDR&TXV	15.00		12.50	47,000	3.72	29,600	2.58	8.2	315(A,J)AV066155	
	CSPH*4812A**	47,000	TDR&TXV	14.00		12.00	47,000	3.62	29,800	2.52	8.2	355AAV060080	
	CSPH*4812A**	47,000	TDR&TXV	14.50		12.00	47,000	3.64	29,800	2.52	8.2	355AAV060100	
	CSPH*4812A**	47,000	TDR&TXV	14.50		12.00	47,000	3.64	29,800	2.54	8.2	355AAV060120	
	CSPH*4812A**	48,000	TXV		14.00	11.50	48,500	3.72	30,600	2.54	8.3		
	CSPH*6012A**	48,000	TDR&TXV	14.50		12.00	47,000	3.72	29,800	2.58	8.2	315(A,J)AV048090	
	CSPH*6012A**	48,000	TDR&TXV	14.50		12.00	47,000	3.74	29,600	2.58	8.3	315(A,J)AV060110	
	CSPH*6012A**	48,000	TDR&TXV	15.00		12.50	47,000	3.78	29,600	2.60	8.3	315(A,J)AV066135	
	CSPH*6012A**	48,000	TDR&TXV	15.00		12.50	47,000	3.80	29,400	2.62	8.4	315(A,J)AV066155	
	CSPH*6012A**	48,000	TDR&TXV	14.50		12.00	47,000	3.70	29,800	2.56	8.2	355AAV060080	
	CSPH*6012A**	48,000	TDR&TXV	14.50		12.00	47,000	3.72	29,800	2.56	8.2	355AAV060100	
	CSPH*6012A**	48,000	TDR&TXV	14.50		12.00	47,000	3.70	29,800	2.56	8.2	355AAV060120	
	CSPH*6012A**	48,000	TXV		14.00	12.00	48,500	3.78	30,800	2.56	8.3		
	060-B	*FX4CN(B,F)060	60,000	TDR&TXV	14.00		11.50	59,500	3.70	37,000	2.60	8.4	
		FE4ANB006	59,500	TDR&TXV	14.00		11.50	59,000	3.68	36,000	2.62	8.3	
FV4BNB006		59,500	TDR&TXV	14.00		11.50	59,000	3.68	36,000	2.62	8.3		
FY4ANB060		59,500	TDR&TXV	13.00		10.80	60,000	3.56	37,800	2.50	8.0		
CAP**6021A**		58,000	TDR&TXV	13.50		11.20	59,000	3.52	36,400	2.52	8.0	315(A,J)AV060110	
CAP**6021A**		58,000	TXV		13.50	11.20	59,000	3.52	36,600	2.52	7.9		
CAP**6024A**		58,500	TDR&TXV	13.50		11.20	59,000	3.54	36,200	2.54	8.0	315(A,J)AV066135	
CAP**6024A**		59,000	TDR&TXV	13.50		11.20	58,500	3.58	36,000	2.56	8.0	315(A,J)AV066155	
CAP**6024A**		59,000	TXV		13.20	11.00	60,000	3.58	37,200	2.54	8.0		
CNPH*6024A**		58,500	TDR&TXV	13.50		11.20	58,500	3.48	36,200	2.52	7.9	315(A,J)AV060110	
CNPH*6024A**		58,500	TDR&TXV	13.50		11.20	59,000	3.52	36,000	2.54	7.9	315(A,J)AV066135	
CNPH*6024A**		58,500	TDR&TXV	13.50		11.20	59,000	3.54	36,000	2.56	8.0	315(A,J)AV066155	
CNPH*6024A**		59,000	TXV		13.20	11.00	60,000	3.58	37,000	2.54	8.0		
CNPV*6024A**		58,500	TDR&TXV	13.50		11.20	59,000	3.52	36,000	2.54	7.9	315(A,J)AV066135	
CNPV*6024A**		58,500	TDR&TXV	13.50		11.20	59,000	3.54	36,000	2.56	8.0	315(A,J)AV066155	
CNPV*6024A**		59,000	TXV		13.20	11.00	60,000	3.58	37,000	2.54	8.0		
CSPH*6012A**		58,500	TDR&TXV	13.50		11.20	58,500	3.58	36,400	2.54	8.0	315(A,J)AV060110	
CSPH*6012A**		58,500	TDR&TXV	13.50		11.20	58,500	3.60	36,000	2.56	8.0	315(A,J)AV066135	
CSPH*6012A**		59,000	TDR&TXV	13.50		11.20	58,500	3.64	36,000	2.58	8.0	315(A,J)AV066155	
CSPH*6012A**		58,500	TXV		13.20	11.00	60,000	3.64	37,200	2.56	8.0		

\* Ratings are net values reflecting the effects of circulating fan heat. Supplemental electric heat is not included. Ratings are based on:  
**Cooling Standard:** 80°F (27°C) db 67°F (19°C) wb indoor entering air temperature and 95°F (35°C) db air entering outdoor unit.  
**High-Temp Heating Standard:** 70°F (21°C) db indoor entering air temperature and 47°F (8°C) db 43°F (6°C) wb air entering outdoor unit.  
**Low-Temp Heating Standard:** 70°F (21°C) db indoor entering air temperature and 17°F (±9°C) db 15°F (±10°C) wb air entering outdoor unit.

**SEER** — Seasonal Energy Efficiency Ratio  
**COP** — Coefficient of Performance  
**TDR** — Time-Delay Relay  
**HSPF** — Heating Seasonal Performance Factor  
**EER** — Energy Efficiency Ratio

265A

# DETAILED COOLING CAPACITIES

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES deg F																	
		75			85			95			105			115			125		
		Capacity MBtu/h†		Total Sys-tem KW*‡	Capacity MBtu/h†		Total Sys-tem KW*‡	Capacity MBtu/h†		Total Sys-tem KW*‡	Capacity MBtu/h†		Total Sys-tem KW*‡	Capacity MBtu/h†		Total Sys-tem KW*‡	Capacity MBtu/h†		Total Sys-tem KW*‡
CFM	EWB	Total	Sens ‡	Total	Sens ‡	Total	Sens ‡	Total	Sens ‡	Total	Sens ‡	Total	Sens ‡	Total	Sens ‡	Total	Sens ‡	Total	Sens ‡
<b>265ANA018-B Outdoor Section With FX4CNF018 Indoor Section</b>																			
525	72	21.38	11.04	1.16	20.36	10.65	1.30	19.30	10.24	1.46	18.17	9.81	1.65	16.96	9.35	1.85	15.66	8.87	2.07
	67	19.39	13.53	1.16	18.44	13.12	1.31	17.45	12.70	1.47	16.40	12.26	1.65	15.28	11.79	1.85	14.07	11.29	2.07
	63	17.97	13.07	1.17	17.08	12.65	1.32	16.14	12.22	1.48	15.14	11.78	1.66	14.08	11.30	1.86	12.95	10.80	2.08
	62	17.61	16.02	1.17	16.74	15.59	1.32	15.83	15.13	1.48	14.89	14.63	1.66	13.95	13.95	1.86	13.04	13.04	2.08
	57	16.98	16.98	1.17	16.29	16.29	1.32	15.56	15.56	1.48	14.79	14.79	1.66	13.95	13.95	1.86	13.04	13.04	2.08
600	72	21.85	11.59	1.17	20.79	11.18	1.31	19.68	10.77	1.48	18.51	10.33	1.66	17.26	9.87	1.86	15.91	9.38	2.08
	67	19.82	14.40	1.17	18.83	13.98	1.32	17.80	13.55	1.48	16.71	13.10	1.66	15.54	12.62	1.87	14.30	12.11	2.09
	63	18.37	13.88	1.18	17.44	13.46	1.33	16.47	13.02	1.49	15.43	12.56	1.67	14.34	12.08	1.87	13.16	11.56	2.09
	62	18.04	17.17	1.18	17.15	16.70	1.33	16.22	16.22	1.49	15.38	15.38	1.67	14.50	14.50	1.87	13.54	13.54	2.09
	57	17.71	17.71	1.18	16.98	16.98	1.33	16.21	16.21	1.49	15.39	15.39	1.67	14.50	14.50	1.87	13.54	13.54	2.09
675	72	22.22	12.10	1.18	21.12	11.69	1.32	19.98	11.27	1.49	18.77	10.83	1.67	17.48	10.37	1.87	16.10	9.87	2.09
	67	20.16	15.23	1.18	19.14	14.80	1.33	18.07	14.36	1.49	16.95	13.90	1.68	15.75	13.41	1.88	14.48	12.88	2.10
	63	18.69	14.65	1.19	17.73	14.23	1.34	16.72	13.78	1.50	15.66	13.31	1.68	14.54	12.81	1.88	13.34	12.27	2.10
	62	18.42	18.18	1.19	17.56	17.56	1.34	16.75	16.75	1.50	15.89	15.89	1.68	14.96	14.96	1.88	13.96	13.96	2.10
	57	18.33	18.33	1.19	17.56	17.56	1.34	16.75	16.75	1.50	15.89	15.89	1.68	14.96	14.96	1.88	13.96	13.96	2.10

265A

Cooling Indoor Model	Capacity	Power	Furnace Model
*FX4CNF018	1.00	1.00	
FE4ANF002	1.01	0.97	
FF1ENP018	0.98	1.08	
FF1ENP024	0.99	1.08	
FV4BNF002	1.01	0.97	
FX4CNF024	1.01	0.98	
FY4ANF018	0.98	1.09	
FY4ANF024	0.99	1.09	
CAP**1814A**	0.98	1.09	
CAP**2414A**	1.00	1.09	
CAP**2417A**	1.00	1.09	
CNPF*2418A**	0.99	1.10	
CNPH*2417A**	0.99	1.10	
CNPV*1814A**	0.98	1.09	
CNPV*2414A**	0.99	1.10	
CNPV*2417A**	0.99	1.10	
CSPH*2412A**	0.99	1.10	
CAP**1814A**	0.97	0.97	315(A,J)AV036070
CAP**2414A**	0.99	0.99	315(A,J)AV036070
CNPH*2417A**	0.99	0.99	315(A,J)AV036070
CNPV*1814A**	0.97	0.97	315(A,J)AV036070
CNPV*2414A**	0.99	0.99	315(A,J)AV036070
CSPH*2412A**	0.99	0.99	315(A,J)AV036070
CAP**2417A**	0.99	0.99	315(A,J)AV048090
CNPH*2417A**	0.99	0.99	315(A,J)AV048090
CNPV*2417A**	0.99	0.99	315(A,J)AV048090
CSPH*2412A**	0.99	0.99	315(A,J)AV048090
CNPH*2417A**	0.99	0.99	355AAV042040
CSPH*2412A**	0.99	0.99	355AAV042040
CAP**2417A**	0.99	0.99	355AAV042060
CNPH*2417A**	0.99	0.99	355AAV042060
CNPV*2417A**	0.99	0.99	355AAV042060
CSPH*2412A**	0.99	0.99	355AAV042060
CNPH*2417A**	0.99	0.99	355AAV042080
CSPH*2412A**	0.99	0.99	355AAV042080

See notes on pg. 24

# DETAILED COOLING CAPACITIES CONTINUED

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES deg F																	
CFM	EWB	75			85			95			105			115			125		
		Capacity MBtu/h		Total Sys-tem KW* *	Capacity MBtu/h		Total Sys-tem KW* *	Capacity MBtu/h		Total Sys-tem KW* *	Capacity MBtu/h		Total Sys-tem KW* *	Capacity MBtu/h		Total Sys-tem KW* *	Capacity MBtu/h		Total Sys-tem KW* *
		Total	Sens ‡		Total	Sens ‡		Total	Sens ‡		Total	Sens ‡		Total	Sens ‡		Total	Sens ‡	
<b>265ANA024-B Outdoor Section With FX4CNF030 Indoor Section</b>																			
700	72	28.21	14.49	1.47	26.92	13.99	1.65	25.57	13.46	1.85	24.13	12.92	2.07	22.59	12.34	2.31	20.91	11.71	2.57
	67	25.60	17.78	1.46	24.41	17.26	1.64	23.15	16.72	1.84	21.81	16.16	2.06	20.38	15.56	2.30	18.81	14.91	2.56
	63	23.74	17.18	1.46	22.61	16.65	1.64	21.42	16.11	1.84	20.16	15.53	2.06	18.80	14.92	2.29	17.33	14.27	2.55
	62	23.27	21.07	1.46	22.17	20.52	1.64	21.02	19.95	1.84	19.80	19.32	2.05	18.55	18.55	2.29	17.37	17.37	2.55
	57	22.41	22.41	1.46	21.53	21.53	1.64	20.61	20.61	1.83	19.62	19.62	2.05	18.55	18.55	2.29	17.37	17.37	2.55
800	72	28.81	15.19	1.49	27.47	14.68	1.67	26.06	14.14	1.87	24.57	13.59	2.09	22.97	13.00	2.33	21.24	12.37	2.59
	67	26.16	18.90	1.49	24.91	18.37	1.67	23.60	17.82	1.87	22.21	17.25	2.09	20.72	16.63	2.32	19.11	15.97	2.58
	63	24.26	18.23	1.48	23.08	17.69	1.66	21.84	17.14	1.86	20.53	16.55	2.08	19.12	15.93	2.32	17.60	15.26	2.57
	62	23.82	22.56	1.48	22.69	21.98	1.66	21.53	21.32	1.86	20.39	20.39	2.08	19.26	19.26	2.32	18.02	18.02	2.58
	57	23.35	23.35	1.48	22.42	22.42	1.66	21.44	21.44	1.86	20.39	20.39	2.08	19.26	19.26	2.32	18.02	18.02	2.58
900	72	29.28	15.85	1.51	27.90	15.33	1.70	26.44	14.79	1.90	24.91	14.22	2.12	23.26	13.63	2.36	21.48	12.99	2.62
	67	26.58	19.97	1.51	25.29	19.43	1.69	23.94	18.87	1.89	22.51	18.28	2.11	20.98	17.66	2.35	19.34	16.98	2.60
	63	24.66	19.22	1.50	23.44	18.68	1.68	22.17	18.11	1.88	20.82	17.52	2.10	19.37	16.88	2.34	17.82	16.18	2.59
	62	24.30	23.89	1.50	23.18	23.18	1.68	22.14	22.14	1.88	21.05	21.05	2.10	19.86	19.86	2.34	18.56	18.56	2.60
	57	24.15	24.15	1.50	23.18	23.18	1.68	22.15	22.15	1.88	21.05	21.05	2.10	19.86	19.86	2.34	18.57	18.57	2.60

Cooling Indoor Model	Capacity	Power	Furnace Model
*FX4CNF030	1.00	1.00	
FE4ANF002	0.99	0.99	
FE4ANF003	0.99	0.95	
FE5ANB004	1.02	0.94	
FF1ENP024	0.97	1.09	
FF1ENP030	0.97	1.09	
FV4BNF002	0.99	0.99	
FV4BNF003	0.99	0.95	
FX4CNF024	0.98	0.99	
FY4ANF024	0.97	1.06	
FY4ANF030	0.97	1.06	
CAP**2414A**	0.97	1.09	
CAP**2417A**	0.97	1.09	
CAP**3014A**	0.98	1.07	
CAP**3017A**	0.98	1.07	
CNPF*2418A**	0.97	1.09	
CNPH*2417A**	0.97	1.06	
CNPH*3017A**	0.98	1.07	
CNPV*2414A**	0.97	1.06	
CNPV*2417A**	0.97	1.09	
CNPV*3014A**	0.98	1.07	
CNPV*3017A**	0.98	1.07	
CSPH*2412A**	0.97	1.06	
CSPH*3012A**	0.98	1.07	
CAP**2414A**	0.97	0.97	315(A,J)AV036070
CAP**3014A**	0.98	0.98	315(A,J)AV036070
CNPH*2417A**	0.97	0.97	315(A,J)AV036070
CNPH*3017A**	0.98	0.98	315(A,J)AV036070
CNPV*2414A**	0.97	0.97	315(A,J)AV036070
CNPV*3014A**	0.98	0.98	315(A,J)AV036070
CSPH*2412A**	0.97	0.97	315(A,J)AV036070
CSPH*3012A**	0.98	0.98	315(A,J)AV036070
CAP**2417A**	0.97	0.97	315(A,J)AV048090
CAP**3017A**	0.98	0.98	315(A,J)AV048090
CNPH*2417A**	0.97	0.97	315(A,J)AV048090
CNPH*3017A**	0.98	0.98	315(A,J)AV048090
CNPV*2417A**	0.97	0.97	315(A,J)AV048090
CNPV*3017A**	0.98	0.98	315(A,J)AV048090
CSPH*2412A**	0.97	0.97	315(A,J)AV048090
CSPH*3012A**	0.98	0.98	315(A,J)AV048090
CNPH*2417A**	0.97	0.97	315(A,J)AV060110
CNPH*3017A**	0.98	0.98	315(A,J)AV060110
CSPH*2412A**	0.97	0.97	315(A,J)AV060110
CSPH*3012A**	0.98	0.98	315(A,J)AV060110
CNPH*2417A**	0.97	0.97	315(A,J)AV066135
CNPH*3017A**	0.98	0.98	315(A,J)AV066135
CSPH*2412A**	0.97	0.97	315(A,J)AV066135
CSPH*3012A**	0.98	0.98	315(A,J)AV066135
CNPH*2417A**	0.97	0.97	315(A,J)AV066155
CNPH*3017A**	0.98	0.98	315(A,J)AV066155
CSPH*2412A**	0.97	0.97	315(A,J)AV066155
CSPH*3012A**	0.98	0.98	315(A,J)AV066155

Cooling Indoor Model	Capacity	Power	Furnace Model
CNPH*2417A**	0.97	1.02	355AAV042040
CNPH*3017A**	0.98	0.98	355AAV042040
CSPH*2412A**	0.97	1.02	355AAV042040
CSPH*3012A**	0.98	0.98	355AAV042040
CAP**2417A**	0.97	0.97	355AAV042060
CAP**3017A**	0.98	0.98	355AAV042060
CNPH*2417A**	0.97	0.97	355AAV042060
CNPH*3017A**	0.98	0.98	355AAV042060
CNPV*2417A**	0.97	0.97	355AAV042060
CNPV*3017A**	0.98	0.98	355AAV042060
CSPH*2412A**	0.97	0.97	355AAV042060
CSPH*3012A**	0.98	0.98	355AAV042060
CNPH*2417A**	0.97	0.97	355AAV042080
CNPH*3017A**	0.98	0.98	355AAV042080
CSPH*2412A**	0.97	0.97	355AAV042080
CSPH*3012A**	0.98	0.98	355AAV042080
CNPH*2417A**	0.97	0.97	355AAV060080
CNPH*3017A**	0.98	0.98	355AAV060080
CSPH*2412A**	0.97	0.97	355AAV060080
CSPH*3012A**	0.98	0.98	355AAV060080
CNPH*2417A**	0.97	0.97	355AAV060100
CNPH*3017A**	0.98	0.98	355AAV060100
CSPH*2412A**	0.97	0.97	355AAV060100
CSPH*3012A**	0.98	0.98	355AAV060100
CNPH*2417A**	0.97	1.01	355AAV060120
CNPH*3017A**	0.98	0.98	355AAV060120
CSPH*2412A**	0.97	0.97	355AAV060120
CSPH*3012A**	0.98	0.98	355AAV060120

See notes on pg. 24

265A

# DETAILED COOLING CAPACITIES CONTINUED

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES deg F																		
		75				85			95			105			115			125		
		Capacity MBtuh		Total Sys-tem KW	CFM	Capacity MBtuh		Total Sys-tem KW	Capacity MBtuh		Total Sys-tem KW	Capacity MBtuh		Total Sys-tem KW	Capacity MBtuh		Total Sys-tem KW	Capacity MBtuh		Total Sys-tem KW
EWB	Total	Sens	Total			Sens	Total		Sens	Total		Sens	Total		Sens	Total		Sens	Total	
<b>265ANA030-B Outdoor Section With FX4CNF030 Indoor Section</b>																				
875	72	34.91	18.12	1.82	33.33	17.51	2.03	31.67	16.87	2.26	29.90	16.20	2.52	27.99	15.49	2.79	25.91	14.73	3.10	
	67	31.70	22.36	1.82	30.24	21.73	2.03	28.70	21.07	2.26	27.06	20.38	2.51	25.29	19.65	2.79	23.36	18.86	3.09	
	63	29.41	21.58	1.82	28.03	20.95	2.03	26.58	20.29	2.26	25.03	19.59	2.51	23.37	18.85	2.79	21.55	18.05	3.09	
	62	28.84	26.56	1.82	27.51	25.89	2.03	26.12	25.17	2.26	24.66	24.35	2.51	23.21	23.21	2.79	21.75	21.75	3.09	
	57	27.97	27.97	1.82	26.90	26.90	2.03	25.76	25.76	2.26	24.54	24.54	2.51	23.22	23.22	2.79	21.75	21.75	3.09	
1000	72	35.59	18.98	1.85	33.96	18.36	2.06	32.23	17.71	2.29	30.39	17.04	2.54	28.42	16.32	2.82	26.26	15.54	3.12	
	67	32.32	23.74	1.85	30.80	23.11	2.05	29.20	22.44	2.28	27.50	21.74	2.54	25.68	20.99	2.82	23.69	20.17	3.12	
	63	29.99	22.89	1.85	28.56	22.24	2.05	27.05	21.57	2.28	25.45	20.86	2.54	23.74	20.10	2.81	21.87	19.27	3.12	
	62	29.49	28.37	1.85	28.14	27.62	2.05	26.75	26.75	2.28	25.44	25.44	2.54	24.05	24.05	2.81	22.51	22.51	3.12	
	57	29.07	29.07	1.84	27.94	27.94	2.05	26.74	26.74	2.28	25.45	25.45	2.54	24.05	24.05	2.81	22.51	22.51	3.12	
1125	72	36.14	19.81	1.88	34.45	19.17	2.08	32.66	18.52	2.31	30.77	17.84	2.57	28.74	17.11	2.85	26.53	16.32	3.15	
	67	32.82	25.09	1.87	31.25	24.44	2.08	29.59	23.76	2.31	27.85	23.04	2.57	25.98	22.26	2.84	23.95	21.41	3.15	
	63	30.46	24.15	1.87	28.98	23.49	2.08	27.43	22.80	2.31	25.78	22.07	2.56	24.03	21.28	2.84	22.12	20.41	3.14	
	62	30.05	30.05	1.87	28.81	28.81	2.08	27.55	27.55	2.31	26.20	26.20	2.56	24.74	24.74	2.84	23.13	23.13	3.14	
	57	30.01	30.01	1.87	28.82	28.82	2.08	27.56	27.56	2.31	26.21	26.21	2.56	24.75	24.75	2.84	23.14	23.14	3.14	

265A

Cooling Indoor Model	Capacity	Power	Furnace Model
*FX4CNF030	1.00	1.00	
FE4ANF002	0.99	0.95	
FE4ANF003	0.99	0.94	
FE4ANF005	1.03	0.95	
FE5ANB004	1.03	0.95	
FF1ENP030	0.98	1.06	
FF1ENP036	0.99	1.08	
FV4BNF002	0.99	0.95	
FV4BNF003	1.00	0.96	
FV4BNF005	1.03	0.95	
FX4CN(B,F)036	1.01	1.01	
FY4ANF030	0.99	1.07	
FY4ANF036	0.99	1.07	
CAP**3014A**	0.99	1.08	
CAP**3017A**	0.99	1.08	
CAP**3614A**	0.96	1.00	
CAP**3617A**	0.99	1.03	
CAP**3621A**	0.99	1.03	
CNPF*3618A**	0.99	1.03	
CNPH*3017A**	0.99	1.03	
CNPH*3617A**	0.99	1.03	
CNPV*3014A**	0.99	1.03	
CNPV*3017A**	0.99	1.03	
CNPV*3617A**	0.99	1.03	
CNPV*3621A**	0.99	1.03	
CSPH*3012A**	0.99	1.03	
CSPH*3612A**	0.99	1.03	
CAP**3014A**	0.99	0.99	315(A,J)AV036070
CAP**3614A**	0.95	0.95	315(A,J)AV036070
CNPH*3017A**	0.99	0.99	315(A,J)AV036070
CNPH*3617A**	0.99	0.99	315(A,J)AV036070
CNPV*3014A**	0.99	0.99	315(A,J)AV036070
CSPH*3012A**	0.99	0.96	315(A,J)AV036070
CSPH*3612A**	0.99	0.95	315(A,J)AV036070
CAP**3017A**	0.99	0.95	315(A,J)AV048090
CAP**3617A**	0.99	0.95	315(A,J)AV048090
CNPH*3017A**	0.99	0.95	315(A,J)AV048090
CNPH*3617A**	0.99	0.95	315(A,J)AV048090
CNPV*3017A**	0.99	0.95	315(A,J)AV048090
CNPV*3617A**	0.99	0.95	315(A,J)AV048090
CSPH*3012A**	0.99	0.95	315(A,J)AV048090
CSPH*3612A**	0.99	0.95	315(A,J)AV048090
CAP**3621A**	0.99	0.95	315(A,J)AV060110
CNPH*3017A**	0.99	0.95	315(A,J)AV060110
CNPH*3617A**	0.99	0.95	315(A,J)AV060110
CNPV*3621A**	0.99	0.95	315(A,J)AV060110
CSPH*3012A**	0.99	0.95	315(A,J)AV060110
CSPH*3612A**	0.99	0.95	315(A,J)AV060110
CNPH*3017A**	0.99	0.95	315(A,J)AV066135
CNPH*3617A**	0.99	0.95	315(A,J)AV066135
CSPH*3012A**	0.99	0.95	315(A,J)AV066135
CSPH*3612A**	0.99	0.95	315(A,J)AV066135
CNPH*3017A**	0.99	0.95	315(A,J)AV066155
CNPH*3617A**	0.99	0.95	315(A,J)AV066155
CSPH*3012A**	0.99	0.95	315(A,J)AV066155
CSPH*3612A**	0.99	0.95	315(A,J)AV066155

Cooling Indoor Model	Capacity	Power	Furnace Model
CNPH*3017A**	0.99	0.99	355AAV042040
CNPH*3617A**	0.99	0.99	355AAV042040
CSPH*3012A**	0.99	0.99	355AAV042040
CSPH*3612A**	0.99	0.99	355AAV042040
CAP**3017A**	0.99	0.95	355AAV042060
CAP**3617A**	0.99	0.95	355AAV042060
CNPH*3017A**	0.99	0.95	355AAV042060
CNPH*3617A**	0.99	0.95	355AAV042060
CNPV*3017A**	0.99	0.95	355AAV042060
CNPV*3617A**	0.99	0.95	355AAV042060
CSPH*3012A**	0.99	0.99	355AAV042060
CSPH*3612A**	0.99	0.95	355AAV042060
CAP**3621A**	0.99	0.95	355AAV042080
CNPH*3017A**	0.99	0.99	355AAV042080
CNPH*3617A**	0.99	0.99	355AAV042080
CNPV*3621A**	0.99	0.99	355AAV042080
CSPH*3012A**	0.99	0.99	355AAV042080
CSPH*3612A**	0.99	0.95	355AAV042080
CAP**3621A**	0.99	0.95	355AAV060080
CNPH*3017A**	0.99	0.95	355AAV060080
CNPH*3617A**	0.99	0.95	355AAV060080
CNPV*3621A**	0.99	0.95	355AAV060080
CSPH*3012A**	0.99	0.95	355AAV060080
CSPH*3612A**	0.99	0.95	355AAV060080
CAP**3621A**	0.99	0.95	355AAV060100
CNPH*3017A**	0.99	0.95	355AAV060100
CNPH*3617A**	0.99	0.95	355AAV060100
CNPV*3621A**	0.99	0.95	355AAV060100
CSPH*3012A**	0.99	0.95	355AAV060100
CSPH*3612A**	0.99	0.95	355AAV060100
CNPH*3017A**	0.99	0.95	355AAV060120
CNPH*3617A**	0.99	0.95	355AAV060120
CSPH*3012A**	0.99	0.95	355AAV060120
CSPH*3612A**	0.99	0.95	355AAV060120

See notes on pg. 24

# DETAILED COOLING CAPACITIES CONTINUED

EVAPORATOR AIR	CONDENSER ENTERING AIR TEMPERATURES deg F																			
	CFM	EWB	75			85			95			105			115			125		
			Capacity MBtu/h		Total Sys-tem KW*	Capacity MBtu/h		Total Sys-tem KW*	Capacity MBtu/h		Total Sys-tem KW*	Capacity MBtu/h		Total Sys-tem KW*	Capacity MBtu/h		Total Sys-tem KW*	Capacity MBtu/h		Total Sys-tem KW*
Total	Sens ‡	Total	Sens ‡	Total	Sens ‡	Total	Sens ‡	Total	Sens ‡	Total	Sens ‡	Total	Sens ‡	Total	Sens ‡	Total	Sens ‡	Total	Sens ‡	
<b>265ANA036 - B Outdoor Section With FX4CNF042 Indoor Section</b>																				
1050	72	42.99	22.20	2.25	41.05	21.45	2.51	39.02	20.67	2.79	36.86	19.85	3.11	34.54	18.98	3.45	32.00	18.04	3.82	
	67	39.02	27.33	2.23	37.23	26.56	2.49	35.34	25.75	2.77	33.34	24.91	3.09	31.18	24.01	3.43	28.83	23.04	3.80	
	63	36.20	26.40	2.22	34.51	25.62	2.48	32.73	24.80	2.76	30.84	23.95	3.07	28.81	23.04	3.41	26.59	22.06	3.78	
	62	35.49	32.46	2.22	33.85	31.64	2.48	32.13	30.77	2.76	30.33	29.81	3.07	28.51	28.51	3.41	26.74	26.74	3.78	
	57	34.32	34.32	2.21	33.01	33.01	2.47	31.62	31.62	2.76	30.13	30.13	3.07	28.52	28.52	3.41	26.74	26.74	3.78	
1200	72	43.88	23.28	2.29	41.86	22.52	2.54	39.75	21.72	2.83	37.51	20.89	3.14	35.10	20.01	3.49	32.48	19.06	3.86	
	67	39.84	29.07	2.27	37.97	28.28	2.53	36.00	27.46	2.81	33.92	26.60	3.12	31.89	25.68	3.47	29.26	24.69	3.84	
	63	36.96	28.03	2.26	35.20	27.23	2.51	33.35	26.40	2.80	31.39	25.53	3.11	29.29	24.60	3.45	27.00	23.59	3.82	
	62	36.31	34.75	2.25	34.63	33.86	2.51	32.89	32.89	2.80	31.30	31.30	3.11	29.59	29.59	3.45	27.71	27.71	3.82	
	57	35.74	35.74	2.25	34.35	34.35	2.51	32.87	32.87	2.79	31.30	31.30	3.11	29.59	29.59	3.45	27.71	27.71	3.82	
1350	72	44.58	24.31	2.32	42.49	23.53	2.58	40.31	22.72	2.86	38.00	21.88	3.18	35.52	20.99	3.52	32.84	20.03	3.89	
	67	40.46	30.73	2.30	38.53	29.93	2.56	36.50	29.09	2.84	34.37	28.21	3.16	32.07	27.27	3.50	29.60	26.24	3.87	
	63	37.55	29.58	2.29	35.73	28.77	2.55	33.82	27.92	2.83	31.81	27.03	3.14	29.65	26.07	3.48	27.32	25.03	3.85	
	62	37.06	36.76	2.29	35.47	35.47	2.55	33.93	33.93	2.83	32.27	32.27	3.15	30.49	30.49	3.49	28.52	28.52	3.86	
	57	36.94	36.94	2.29	35.47	35.47	2.55	33.93	33.93	2.83	32.28	32.28	3.15	30.49	30.49	3.49	28.52	28.52	3.86	

Cooling Indoor Model	Capacity	Power	Furnace Model
*FX4CN(B,F)042	1.00	1.00	
FE4ANB006	1.00	0.96	
FE4ANF002	0.96	0.96	
FE4ANF003	0.97	0.97	
FE4ANF005	1.00	0.96	
FE5ANB004	1.00	0.96	
FF1ENP036	0.96	1.07	
FV4BNB006	1.00	0.96	
FV4BNF002	0.96	0.96	
FV4BNF003	0.97	0.97	
FV4BNF005	1.00	0.96	
FX4CN(B,F)036	0.98	0.98	
FY4ANF036	0.96	1.07	
FY4ANF042	0.97	1.06	
CAP**3614A**	0.93	1.01	
CAP**3617A**	0.96	1.04	
CAP**3621A**	0.96	1.04	
CAP**4221A**	0.97	1.06	
CAP**4224A**	0.97	1.06	
CNPF*3618A**	0.96	1.07	
CNPH*3617A**	0.96	1.04	
CNPH*4221A**	0.97	1.06	
CNPV*3617A**	0.96	1.04	
CNPV*3621A**	0.96	1.04	
CNPV*4221A**	0.97	1.06	
CSPH*3612A**	0.96	1.04	
CSPH*4212A**	0.97	1.01	
CAP**3614A**	0.93	0.97	315(A,J)AV036070
CNPH*3617A**	0.95	0.99	315(A,J)AV036070
CNPH*4221A**	0.96	0.96	315(A,J)AV036070
CSPH*3612A**	0.96	0.96	315(A,J)AV036070
CSPH*4212A**	0.97	0.97	315(A,J)AV036070
CAP**3617A**	0.96	0.96	315(A,J)AV048090
CNPH*3617A**	0.96	0.96	315(A,J)AV048090
CNPH*4221A**	0.97	0.93	315(A,J)AV048090
CNPV*3617A**	0.96	0.96	315(A,J)AV048090
CSPH*3612A**	0.96	0.96	315(A,J)AV048090
CSPH*4212A**	0.97	0.97	315(A,J)AV048090
CAP**3621A**	0.96	0.96	315(A,J)AV060110
CAP**4221A**	0.97	0.97	315(A,J)AV060110
CNPH*3617A**	0.96	0.96	315(A,J)AV060110
CNPH*4221A**	0.97	0.93	315(A,J)AV060110
CNPV*3621A**	0.96	0.96	315(A,J)AV060110
CNPV*4221A**	0.97	0.97	315(A,J)AV060110
CSPH*3612A**	0.96	0.96	315(A,J)AV060110
CSPH*4212A**	0.97	0.97	315(A,J)AV060110
CAP**4224A**	0.97	0.97	315(A,J)AV066135
CNPH*3617A**	0.96	0.96	315(A,J)AV066135
CNPH*4221A**	0.97	0.93	315(A,J)AV066135
CSPH*3612A**	0.96	0.96	315(A,J)AV066135
CSPH*4212A**	0.97	0.97	315(A,J)AV066135
CAP**4224A**	0.97	0.93	315(A,J)AV066155
CNPH*3617A**	0.96	0.96	315(A,J)AV066155
CNPH*4221A**	0.97	0.93	315(A,J)AV066155
CSPH*3612A**	0.96	0.96	315(A,J)AV066155
CSPH*4212A**	0.97	0.93	315(A,J)AV066155

Cooling Indoor Model	Capacity	Power	Furnace Model
CAP**4224A**	0.96	0.96	355AAV042040
CNPH*3617A**	0.95	0.99	355AAV042040
CNPH*4221A**	0.96	0.96	355AAV042040
CSPH*3612A**	0.96	0.96	355AAV042040
CSPH*4212A**	0.96	0.96	355AAV042040
CAP**3617A**	0.96	0.96	355AAV042060
CNPH*3617A**	0.96	1.00	355AAV042060
CNPH*4221A**	0.97	0.97	355AAV042060
CNPV*3617A**	0.96	1.00	355AAV042060
CSPH*3612A**	0.96	0.96	355AAV042060
CSPH*4212A**	0.96	0.96	355AAV042060
CAP**3621A**	0.96	1.00	355AAV042080
CAP**4221A**	0.96	0.96	355AAV042080
CNPH*3617A**	0.95	0.99	355AAV042080
CNPH*4221A**	0.97	0.97	355AAV042080
CNPV*3621A**	0.95	0.99	355AAV042080
CNPV*4221A**	0.96	0.96	355AAV042080
CSPH*3612A**	0.96	0.96	355AAV042080
CSPH*4212A**	0.96	0.96	355AAV042080
CAP**3621A**	0.96	0.96	355AAV060080
CAP**4221A**	0.97	0.97	355AAV060080
CNPH*3617A**	0.96	1.00	355AAV060080
CNPH*4221A**	0.97	0.97	355AAV060080
CNPV*3621A**	0.96	1.00	355AAV060080
CNPV*4221A**	0.97	0.97	355AAV060080
CSPH*3612A**	0.96	0.96	355AAV060080
CSPH*4212A**	0.97	0.97	355AAV060080
CAP**3621A**	0.96	0.96	355AAV060100
CAP**4221A**	0.97	0.97	355AAV060100
CNPH*3617A**	0.96	1.00	355AAV060100
CNPH*4221A**	0.97	0.97	355AAV060100
CNPV*3621A**	0.96	0.96	355AAV060100
CNPV*4221A**	0.97	0.97	355AAV060100
CSPH*3612A**	0.96	0.96	355AAV060100
CSPH*4212A**	0.97	0.97	355AAV060100
CAP**4224A**	0.97	0.97	355AAV060120
CNPH*3617A**	0.96	0.96	355AAV060120
CNPH*4221A**	0.97	0.97	355AAV060120
CSPH*3612A**	0.96	0.96	355AAV060120
CSPH*4212A**	0.97	0.97	355AAV060120

See notes on pg. 24

265A

# DETAILED COOLING CAPACITIES CONTINUED

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES deg F																	
		75			85			95			105			115			125		
		CFM	EWB	Capacity MBtu/h†		Total Sys-tem KW* * †	Capacity MBtu/h†		Total Sys-tem KW* * †	Capacity MBtu/h†		Total Sys-tem KW* * †	Capacity MBtu/h†		Total Sys-tem KW* * †	Capacity MBtu/h†		Total Sys-tem KW* * †	
Total	Sens ‡			Total	Sens ‡		Total	Sens ‡		Total	Sens ‡		Total	Sens ‡					
<b>265ANA042-B Outdoor Section With FX4CNF048 Indoor Section</b>																			
1225	72	50.45	25.64	2.53	47.95	24.66	2.90	45.32	23.85	3.28	42.59	22.61	3.67	39.69	21.53	4.07	36.53	20.36	4.48
	67	46.02	31.77	2.61	43.73	30.78	2.97	41.35	29.75	3.33	38.87	28.70	3.71	36.25	27.61	4.09	0.00	0.00	0.00
	63	42.74	30.73	2.67	40.63	29.74	3.01	38.43	28.73	3.37	36.13	27.69	3.73	33.71	26.61	4.10	31.08	25.44	4.49
	62	41.89	37.84	2.68	39.83	36.83	3.02	37.70	35.77	3.37	35.49	34.64	3.73	33.25	33.25	4.10	31.11	31.11	4.49
1400	57	40.32	40.32	2.70	38.70	38.70	3.03	36.99	36.99	3.38	35.19	35.19	3.73	33.25	33.25	4.10	31.11	31.11	4.49
	72	51.34	26.80	2.57	48.73	25.80	2.95	45.99	24.77	3.33	43.14	23.72	3.72	40.13	22.62	4.13	36.86	21.43	4.54
	67	46.88	33.73	2.66	44.49	32.72	3.02	42.00	31.67	3.39	39.41	30.60	3.77	36.88	29.48	4.15	33.72	28.27	4.55
	63	43.59	32.57	2.71	41.37	31.57	3.06	39.07	30.53	3.42	36.67	29.46	3.79	34.14	28.35	4.17	31.42	27.15	4.55
1575	62	42.78	40.52	2.72	40.66	39.43	3.07	38.49	38.21	3.42	36.44	36.44	3.79	34.37	34.37	4.16	32.08	32.08	4.55
	57	41.96	41.96	2.74	40.22	40.22	3.08	38.38	38.38	3.43	36.44	36.44	3.79	34.37	34.37	4.16	32.08	32.08	4.55
	72	52.00	27.89	2.62	49.30	26.88	3.00	46.46	25.84	3.38	43.52	24.77	3.78	40.42	23.65	4.18	37.05	22.45	4.60
	67	47.51	35.60	2.70	45.03	34.57	3.07	42.46	33.50	3.44	39.78	32.41	3.82	36.98	31.25	4.21	33.94	30.01	4.61
1575	63	44.22	34.33	2.76	41.91	33.30	3.12	39.52	32.24	3.48	37.05	31.15	3.85	34.45	30.00	4.23	31.65	28.76	4.61
	62	43.55	42.92	2.77	41.46	41.46	3.12	39.52	39.52	3.48	37.46	37.46	3.84	35.26	35.26	4.22	32.84	32.84	4.61
	57	43.32	43.32	2.77	41.47	41.47	3.12	39.52	39.52	3.48	37.46	37.46	3.84	35.27	35.27	4.22	32.84	32.84	4.61

Cooling Indoor Model	Capacity	Power	Furnace Model
*FX4CN(B,F)048	1.00	1.00	
FE4ANB006	1.00	0.96	
FE4ANF003	0.96	1.00	
FE4ANF005	1.00	1.00	
FE5ANB004	1.00	0.96	
FV4BNB006	1.00	0.96	
FV4BNF003	0.96	1.05	
FV4BNF005	1.00	1.00	
FX4CN(B,F)042	1.00	1.04	
FY4ANF042	0.99	1.10	
FY4ANF048	1.00	1.09	
CAP**4221A**	0.98	1.09	
CAP**4224A**	0.98	1.09	
CAP**4817A**	0.96	1.05	
CAP**4821A**	0.99	1.07	
CAP**4824A**	0.99	1.07	
CNPF*4818A**	0.96	1.08	
CNPH*4221A**	0.98	1.09	
CNPH*4821A**	0.99	1.07	
CNPV*4221A**	0.98	1.09	
CNPV*4821A**	0.99	1.07	
CNPV*4824A**	0.99	1.07	
CSPH*4212A**	0.98	1.06	
CSPH*4812A**	0.99	1.07	
CNPH*4221A**	0.96	1.00	315(A,J)AV036070
CNPH*4821A**	0.98	1.02	315(A,J)AV036070
CSPH*4212A**	0.96	1.00	315(A,J)AV036070
CSPH*4812A**	0.98	1.02	315(A,J)AV036070
CAP**4817A**	0.95	0.99	315(A,J)AV048090
CNPH*4221A**	0.96	1.00	315(A,J)AV048090
CNPH*4821A**	0.98	1.02	315(A,J)AV048090
CSPH*4212A**	0.96	1.00	315(A,J)AV048090
CSPH*4812A**	0.98	1.02	315(A,J)AV048090
CAP**4221A**	0.98	1.02	315(A,J)AV060110
CAP**4821A**	0.99	1.03	315(A,J)AV060110
CNPH*4221A**	0.98	1.02	315(A,J)AV060110
CNPH*4821A**	0.99	1.03	315(A,J)AV060110
CNPV*4221A**	0.98	1.02	315(A,J)AV060110
CNPV*4821A**	0.99	1.03	315(A,J)AV060110
CSPH*4212A**	0.98	1.02	315(A,J)AV060110
CSPH*4812A**	0.99	1.03	315(A,J)AV060110
CAP**4224A**	0.98	1.02	315(A,J)AV066135
CAP**4824A**	0.99	0.99	315(A,J)AV066135
CNPH*4221A**	0.98	1.02	315(A,J)AV066135
CNPH*4821A**	0.99	1.03	315(A,J)AV066135
CNPV*4824A**	0.98	1.02	315(A,J)AV066135
CSPH*4212A**	0.98	1.02	315(A,J)AV066135
CSPH*4812A**	0.99	1.03	315(A,J)AV066135
CAP**4224A**	0.98	1.02	315(A,J)AV066155
CAP**4824A**	0.99	0.99	315(A,J)AV066155
CNPH*4221A**	0.98	1.02	315(A,J)AV066155
CNPH*4821A**	0.99	1.03	315(A,J)AV066155
CNPV*4824A**	0.98	1.02	315(A,J)AV066155
CSPH*4212A**	0.98	1.02	315(A,J)AV066155
CSPH*4812A**	0.99	1.03	315(A,J)AV066155

Cooling Indoor Model	Capacity	Power	Furnace Model
CAP**4224A**	0.96	1.05	355AAV042040
CAP**4824A**	0.98	1.02	355AAV042040
CNPH*4221A**	0.96	1.00	355AAV042040
CNPH*4821A**	0.98	1.02	355AAV042040
CNPV*4824A**	0.96	1.00	355AAV042040
CSPH*4212A**	0.96	1.05	355AAV042040
CSPH*4812A**	0.98	1.02	355AAV042040
CAP**4817A**	0.95	0.99	355AAV042060
CNPH*4221A**	0.96	1.00	355AAV042060
CNPH*4821A**	0.98	1.02	355AAV042060
CSPH*4212A**	0.96	1.00	355AAV042060
CSPH*4812A**	0.98	1.02	355AAV042060
CAP**4221A**	0.96	1.05	355AAV042080
CAP**4821A**	0.98	1.02	355AAV042080
CNPH*4221A**	0.96	1.00	355AAV042080
CNPH*4821A**	0.98	1.02	355AAV042080
CNPV*4221A**	0.96	1.00	355AAV042080
CNPH*4821A**	0.98	1.02	355AAV042080
CSPH*4212A**	0.96	1.00	355AAV042080
CSPH*4812A**	0.98	1.02	355AAV042080
CAP**4221A**	0.96	1.00	355AAV060080
CAP**4821A**	0.99	1.03	355AAV060080
CNPH*4821A**	0.99	1.03	355AAV060080
CNPH*4221A**	0.96	1.00	355AAV060080
CNPV*4821A**	0.99	1.03	355AAV060080
CSPH*4212A**	0.96	1.00	355AAV060080
CSPH*4812A**	0.99	1.03	355AAV060080
CAP**4221A**	0.96	1.00	355AAV060100
CAP**4821A**	0.99	1.03	355AAV060100
CNPH*4221A**	0.96	1.00	355AAV060100
CNPH*4821A**	0.99	1.03	355AAV060100
CNPV*4221A**	0.96	1.00	355AAV060100
CNPV*4821A**	0.99	1.03	355AAV060100
CSPH*4212A**	0.96	1.00	355AAV060100
CSPH*4812A**	0.99	1.03	355AAV060100
CAP**4224A**	0.96	1.00	355AAV060120
CAP**4824A**	0.99	1.03	355AAV060120
CNPH*4221A**	0.96	1.00	355AAV060120
CNPH*4821A**	0.99	1.03	355AAV060120
CNPV*4824A**	0.96	1.00	355AAV060120
CSPH*4212A**	0.96	1.00	355AAV060120
CSPH*4812A**	0.99	1.03	355AAV060120

See notes on pg. 24

265A

# DETAILED COOLING CAPACITIES CONTINUED

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES deg F																		
CFM	EWB	75				85			95			105			115			125		
		Capacity MBtu/h†		Total Sys-tem KW* *	Total Sys-tem KW* *	Capacity MBtu/h†		Total Sys-tem KW* *	Capacity MBtu/h†		Total Sys-tem KW* *	Capacity MBtu/h†		Total Sys-tem KW* *	Capacity MBtu/h†		Total Sys-tem KW* *	Capacity MBtu/h†		Total Sys-tem KW* *
		Total	Sens ‡			Total	Sens ‡		Total	Sens ‡		Total	Sens ‡		Total	Sens ‡		Total	Sens ‡	
<b>265ANA048-B Outdoor Section With FX4CNF060 Indoor Section</b>																				
1400	72	57.47	29.60	2.93	54.70	28.51	3.33	51.81	27.40	3.76	48.81	26.26	4.22	45.64	25.08	4.71	43.64	24.34	4.69	
	67	52.33	36.48	2.94	49.77	35.37	3.34	47.13	34.24	3.76	44.38	33.08	4.21	41.48	31.87	4.70	38.36	30.59	5.21	
	63	48.56	35.25	2.95	46.18	34.15	3.34	43.71	33.02	3.75	41.15	31.86	4.20	38.46	30.66	4.68	35.56	29.38	5.19	
	62	47.58	43.31	2.95	45.25	42.17	3.34	42.86	40.98	3.75	40.41	39.73	4.20	38.01	38.01	4.68	35.68	35.68	5.19	
	57	45.92	45.92	2.95	44.08	44.08	3.34	42.16	42.16	3.75	40.15	40.15	4.20	38.01	38.01	4.68	35.68	35.68	5.19	
1600	72	58.63	31.04	2.97	55.74	29.94	3.37	52.73	28.81	3.80	49.61	27.65	4.26	46.32	26.45	4.76	44.28	25.72	4.74	
	67	53.44	38.83	2.98	50.76	37.70	3.38	48.00	36.55	3.80	45.14	35.36	4.26	42.13	34.13	4.74	38.89	32.81	5.26	
	63	49.64	37.48	2.99	47.14	36.35	3.38	44.56	35.19	3.80	41.89	34.01	4.25	39.09	32.77	4.73	36.09	31.46	5.24	
	62	48.71	46.49	2.99	46.31	45.26	3.38	43.89	43.89	3.80	41.73	41.73	4.25	39.45	39.45	4.73	36.95	36.95	5.25	
	57	47.89	47.89	2.99	45.92	45.92	3.38	43.88	43.88	3.80	41.73	41.73	4.25	39.45	39.45	4.73	36.96	36.96	5.25	
1800	72	59.52	32.41	3.01	56.53	31.30	3.41	53.42	30.16	3.85	50.20	28.99	4.31	46.81	27.76	4.80	44.76	27.04	4.79	
	67	54.29	41.09	3.03	51.51	39.94	3.42	48.66	38.76	3.85	45.71	37.55	4.30	42.61	36.29	4.79	39.29	34.93	5.31	
	63	50.46	39.60	3.03	47.87	38.45	3.42	45.21	37.27	3.84	42.45	36.05	4.29	39.57	34.79	4.78	36.50	33.43	5.29	
	62	49.71	49.33	3.03	47.48	47.48	3.42	45.31	45.31	3.84	43.04	43.04	4.30	40.63	40.63	4.78	37.99	37.99	5.30	
	57	49.56	49.56	3.03	47.48	47.48	3.42	45.31	45.31	3.84	43.04	43.04	4.30	40.63	40.63	4.78	38.00	38.00	5.30	

Cooling Indoor Model	Capacity	Power	Furnace Model
*FX4CN(B,F)060	1.00	1.00	
FE4ANB006	1.00	1.00	
FE4ANF005	1.00	1.04	
FV4BNB006	1.00	1.00	
FV4BNF005	1.00	1.04	
FX4CN(B,F)048	1.00	1.04	
FY4ANB060	1.00	1.08	
FY4ANF048	1.00	1.16	
CAP**4817A**	0.98	1.06	
CAP**4821A**	1.00	1.08	
CAP**4824A**	1.00	1.08	
CAP**6021A**	1.00	1.08	
CAP**6024A**	1.00	1.08	
CNPF*4818A**	0.98	1.11	
CNPH*4821A**	1.00	1.08	
CNPH*6024A**	1.00	1.08	
CNPV*4821A**	1.00	1.08	
CNPV*4824A**	1.00	1.08	
CNPV*6024A**	1.00	1.08	
CSPH*4812A**	1.00	1.13	
CSPH*6012A**	1.00	1.08	
CAP**4817A**	0.96	1.04	315(A,J)AV048090
CNPH*4821A**	0.98	1.06	315(A,J)AV048090
CNPH*6024A**	1.00	1.08	315(A,J)AV048090
CSPH*4812A**	0.98	1.06	315(A,J)AV048090
CSPH*6012A**	1.00	1.08	315(A,J)AV048090
CAP**4821A**	0.98	1.06	315(A,J)AV060110
CAP**6021A**	1.00	1.04	315(A,J)AV060110
CNPH*4821A**	0.98	1.06	315(A,J)AV060110
CNPH*6024A**	1.00	1.04	315(A,J)AV060110
CNPV*4821A**	0.98	1.06	315(A,J)AV060110
CSPH*4812A**	0.98	1.06	315(A,J)AV060110
CSPH*6012A**	1.00	1.08	315(A,J)AV060110
CAP**4824A**	0.99	1.07	315(A,J)AV066135
CAP**6024A**	1.00	1.04	315(A,J)AV066135
CNPH*4821A**	0.99	1.07	315(A,J)AV066135
CNPH*6024A**	1.00	1.04	315(A,J)AV066135
CNPV*4824A**	0.99	1.03	315(A,J)AV066135
CNPV*6024A**	1.00	1.04	315(A,J)AV066135
CSPH*4812A**	0.99	1.07	315(A,J)AV066135
CSPH*6012A**	1.00	1.04	315(A,J)AV066135
CAP**4824A**	0.99	1.03	315(A,J)AV066155
CAP**6024A**	1.00	1.04	315(A,J)AV066155
CNPH*4821A**	0.99	1.03	315(A,J)AV066155
CNPH*6024A**	1.00	1.04	315(A,J)AV066155
CNPV*4824A**	0.99	1.03	315(A,J)AV066155
CNPV*6024A**	1.00	1.04	315(A,J)AV066155
CSPH*4812A**	0.99	1.03	315(A,J)AV066155
CSPH*6012A**	1.00	1.04	315(A,J)AV066155

Cooling Indoor Model	Capacity	Power	Furnace Model
CAP**4821A**	0.98	1.06	355AAV060080
CAP**6021A**	1.00	1.08	355AAV060080
CNPH*4821A**	0.98	1.06	355AAV060080
CNPH*6024A**	1.00	1.08	355AAV060080
CNPV*4821A**	0.98	1.06	355AAV060080
CSPH*4812A**	0.98	1.06	355AAV060080
CSPH*6012A**	1.00	1.08	355AAV060080
CAP**4821A**	0.98	1.06	355AAV060100
CAP**6021A**	1.00	1.08	355AAV060100
CNPH*4821A**	0.99	1.07	355AAV060100
CNPH*6024A**	1.00	1.08	355AAV060100
CNPV*4821A**	0.99	1.07	355AAV060100
CSPH*4812A**	0.98	1.06	355AAV060100
CSPH*6012A**	1.00	1.08	355AAV060100
CAP**4824A**	0.98	1.06	355AAV060120
CAP**6024A**	1.00	1.08	355AAV060120
CNPH*4821A**	0.98	1.06	355AAV060120
CNPH*6024A**	1.00	1.08	355AAV060120
CNPV*4824A**	0.98	1.06	355AAV060120
CNPV*6024A**	1.00	1.08	355AAV060120
CSPH*4812A**	0.98	1.06	355AAV060120
CSPH*6012A**	1.00	1.08	355AAV060120

See notes on pg. 24

265A

# DETAILED COOLING CAPACITIES CONTINUED

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES deg F																		
		75			85			95			105			115			125			
		Capacity MBtu/h†		Total System KW**	Capacity MBtu/h†		Total System KW**	Capacity MBtu/h†		Total System KW**	Capacity MBtu/h†		Total System KW**	Capacity MBtu/h†		Total System KW**	Capacity MBtu/h†		Total System KW**	
CFM	EWB	Total	Sens ‡		Total	Sens ‡		Total	Sens ‡		Total	Sens ‡		Total	Sens ‡		Total	Sens ‡		
<b>265ANA060-B Outdoor Section With FX4CNF060 Indoor Section</b>																				
1750	72	71.33	36.68	4.31	67.94	35.37	4.75	64.29	33.97	5.23	60.48	32.53	5.76	56.36	31.00	6.34	51.80	29.32	6.95	
	67	65.68	45.79	4.24	62.55	44.44	4.68	59.19	43.00	5.17	55.69	41.53	5.70	51.91	39.96	6.27	47.75	38.25	6.89	
	63	61.47	44.48	4.19	58.52	43.11	4.63	55.39	41.68	5.12	52.12	40.20	5.65	48.60	38.83	6.22	44.75	36.92	6.84	
	62	60.32	54.79	4.18	57.45	53.36	4.62	54.41	51.84	5.11	51.27	50.21	5.64	48.05	48.05	6.22	44.86	44.86	6.84	
2000	72	72.40	38.30	4.40	68.88	36.98	4.84	65.09	35.56	5.33	61.15	34.10	5.86	56.89	32.55	6.43	52.19	30.86	7.04	
	67	66.76	48.55	4.34	63.50	47.18	4.78	60.00	45.72	5.26	56.37	44.22	5.79	52.46	42.82	6.36	48.17	40.87	6.98	
	63	62.55	47.09	4.29	59.48	45.70	4.73	56.22	44.24	5.21	52.82	42.73	5.74	49.18	41.12	6.31	45.20	39.37	6.93	
	62	61.49	58.54	4.28	58.54	57.01	4.72	55.41	55.41	5.20	52.57	52.57	5.74	49.53	49.53	6.32	46.13	46.13	6.95	
2250	72	73.17	39.84	4.49	69.54	38.50	4.93	65.65	37.08	5.42	61.60	35.61	5.94	57.24	34.04	6.51	52.42	32.34	7.12	
	67	67.52	51.19	4.43	64.16	49.81	4.87	60.56	48.32	5.35	56.83	46.79	5.88	52.83	45.15	6.45	48.44	43.34	7.07	
	63	63.34	49.57	4.38	60.17	48.16	4.82	56.81	46.67	5.30	53.32	45.13	5.83	49.59	43.48	6.40	45.51	41.66	7.02	
	62	62.50	61.84	4.37	59.65	59.65	4.81	56.86	56.86	5.31	53.91	53.91	5.84	50.70	50.70	6.42	47.12	47.12	7.05	
	57	62.26	62.26	4.37	59.66	59.66	4.81	56.86	56.86	5.31	53.92	53.92	5.84	50.71	50.71	6.42	47.12	47.12	7.05	

Cooling Indoor Model	Capacity	Power	Furnace Model
*FX4CN(B,F)060	1.00	1.00	
FE4ANB006	0.99	0.99	
FV4BNB006	0.99	0.99	
FY4ANB060	0.99	1.06	
CAP**6021A**	0.97	0.99	
CAP**6024A**	0.98	1.03	
CNPH*6024A**	0.98	1.03	
CNPV*6024A**	0.98	1.03	
CSPH*6012A**	0.98	1.02	

Cooling Indoor Model	Capacity	Power	Furnace Model
CAP**6021A**	0.97	0.99	315(A,J)AV060110
CNPH*6024A**	0.98	1.00	315(A,J)AV060110
CSPH*6012A**	0.98	1.00	315(A,J)AV060110
CAP**6024A**	0.98	1.00	315(A,J)AV066135
CNPH*6024A**	0.98	1.00	315(A,J)AV066135
CNPV*6024A**	0.98	1.00	315(A,J)AV066135
CSPH*6012A**	0.98	1.00	315(A,J)AV066135
CAP**6024A**	0.98	1.01	315(A,J)AV066155
CNPH*6024A**	0.98	1.00	315(A,J)AV066155
CNPV*6024A**	0.98	1.00	315(A,J)AV066155
CSPH*6012A**	0.98	1.01	315(A,J)AV066155

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

\* Detailed cooling capacities are based on indoor and outdoor unit at the same elevation per ARI standard 210/240-94. If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in capacity may occur.

† 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 Btu/h (245 kW) per 1000 CFM (480 L/S) of indoor coil air for each degree below 80°F (27°C), or add 835 Btu/h (245 kW) per 1000 CFM (480 L/S) of indoor coil air per degree above 80°F (27°C).

\*\* System kw is total of indoor and outdoor unit kilowatts.

†† At TVA rating indoor condition (75°F edb/63°F ewb). All other indoor air temperatures are at 80°F edb.

**EWB** — Entering Wet Bulb

265A



# HEAT PUMP HEATING PERFORMANCE

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES deg F																						
EDB	CF M	-3		7		17		27		37		47		57		67								
		Capacity MBtuh	Total Sys-tem KWT	Capacity MBtuh	Total Sys-tem KWT	Capacity MBtuh	Total Sys-tem KWT	Capacity MBtuh	Total Sys-tem KWT	Capacity MBtuh	Total Sys-tem KWT	Capacity MBtuh	Total Sys-tem KWT	Capacity MBtuh	Total Sys-tem KWT	Capacity MBtuh	Total Sys-tem KWT							
65	525	6.33	5.82	1.12	8.28	7.61	1.17	10.37	9.45	12.63	11.22	1.28	15.24	13.87	1.35	18.07	18.07	1.44	21.23	21.23	1.55	24.72	24.72	1.69
	600	6.44	5.93	1.12	8.41	7.73	1.16	10.52	9.59	12.84	11.40	1.26	15.49	14.10	1.33	18.38	18.38	1.41	21.63	21.63	1.51	25.07	25.07	1.61
	675	6.54	6.02	1.12	8.50	7.81	1.16	10.65	9.71	13.01	11.56	1.25	15.69	14.28	1.31	18.63	18.63	1.38	21.94	21.94	1.48	25.07	25.07	1.56
	750	6.64	6.12	1.12	8.59	7.92	1.16	10.78	9.82	13.14	11.69	1.25	15.82	14.41	1.32	18.76	18.76	1.41	22.17	22.17	1.55	25.07	25.07	1.64
	825	6.74	6.22	1.12	8.68	8.03	1.16	10.91	9.95	13.27	11.82	1.25	16.05	14.64	1.33	18.84	18.84	1.41	22.30	22.30	1.55	25.07	25.07	1.72
70	525	5.99	5.51	1.16	7.97	7.33	1.22	10.07	9.18	12.32	10.95	1.34	14.85	13.51	1.42	17.69	17.69	1.51	20.80	20.80	1.62	24.25	24.25	1.77
	600	6.10	5.62	1.16	8.11	7.45	1.22	10.23	9.33	12.51	11.11	1.32	15.11	13.75	1.39	18.00	18.00	1.47	21.19	21.19	1.58	24.69	24.69	1.69
	675	6.19	5.69	1.17	8.22	7.56	1.21	10.36	9.45	12.68	11.26	1.31	15.35	13.97	1.37	18.25	18.25	1.45	21.52	21.52	1.55	24.88	24.88	1.64
	750	6.29	5.79	1.21	8.31	7.65	1.21	10.49	9.58	12.81	11.40	1.34	15.49	14.19	1.40	18.34	18.34	1.48	21.65	21.65	1.58	24.88	24.88	1.64
	825	6.38	5.88	1.21	8.40	7.74	1.21	10.62	9.71	12.94	11.52	1.33	15.60	14.20	1.41	18.47	18.47	1.48	21.78	21.78	1.58	24.88	24.88	1.64
75	525	5.75	5.29	1.21	7.76	7.13	1.27	9.92	9.05	12.21	10.84	1.38	14.75	13.42	1.45	17.62	17.62	1.54	20.76	20.76	1.65	24.26	24.26	1.78
	600	5.85	5.38	1.22	7.90	7.26	1.27	10.03	9.15	12.34	10.96	1.37	14.88	13.51	1.44	17.76	17.76	1.52	20.89	20.89	1.62	24.39	24.39	1.72
	675	5.95	5.48	1.22	8.04	7.40	1.27	10.14	9.26	12.47	11.07	1.37	15.01	13.64	1.44	17.89	17.89	1.52	21.02	21.02	1.62	24.52	24.52	1.72
	750	6.05	5.58	1.22	8.18	7.54	1.27	10.25	9.37	12.60	11.19	1.37	15.14	13.77	1.44	18.02	18.02	1.52	21.15	21.15	1.62	24.65	24.65	1.72
	825	6.15	5.68	1.22	8.32	7.68	1.27	10.36	9.48	12.73	11.28	1.37	15.27	13.90	1.44	18.15	18.15	1.52	21.28	21.28	1.62	24.78	24.78	1.72

## 265ANA018 - B Outdoor Section With FX4CNF018 Indoor Section

Heating Indoor Model	Capacity	Power	Furnace Model
*FX4CNF018	1.00	1.00	
FE4ANF002	0.99	0.97	
FF1ENP018	1.00	1.06	
FF1ENP024	1.00	1.05	
FV4BNF002	0.99	0.97	
FX4CNF024	1.00	0.99	
FY4ANF018	1.00	1.07	
FY4ANF024	1.00	1.06	
CAP**1814A**	1.00	1.08	
CAP**2414A**	1.00	1.04	
CAP**2417A**	1.00	1.04	
CNPF*2418A**	1.00	1.02	
CNPH*2417A**	1.00	1.02	
CNPV*1814A**	1.00	1.03	
CNPV*2414A**	1.00	1.02	
CNPV*2417A**	1.00	1.02	
CSPH*2412A**	1.00	1.02	
CAP**1814A**	0.97	1.04	315(A,J)AV036070
CAP**2414A**	0.98	1.01	315(A,J)AV036070
CNPH*2417A**	0.98	0.99	315(A,J)AV036070
CNPV*1814A**	0.97	1.00	315(A,J)AV036070
CNPV*2414A**	0.98	0.99	315(A,J)AV036070
CSPH*2412A**	0.98	1.00	315(A,J)AV036070
CAP**2417A**	0.98	1.00	315(A,J)AV048090
CNPH*2417A**	0.98	0.98	315(A,J)AV048090
CNPV*2417A**	0.98	0.98	315(A,J)AV048090
CSPH*2412A**	0.98	0.99	315(A,J)AV048090
CNPH*2417A**	0.98	0.99	355AAV042040
CSPH*2412A**	0.98	0.99	355AAV042040
CAP**2417A**	0.98	1.00	355AAV042060
CNPH*2417A**	0.98	0.99	355AAV042060
CNPV*2417A**	0.98	0.99	355AAV042060
CSPH*2412A**	0.98	0.99	355AAV042060
CNPH*2417A**	0.98	0.98	355AAV042080
CSPH*2412A**	0.98	0.99	355AAV042080

See notes on pg. 31

# HEAT PUMP HEATING PERFORMANCE CONTINUED

INDOOR AIR	OUTDOOR COIL ENTERING AIR TEMPERATURES deg F																								
	-3			7			17			27			37			47			57			67			
	Capacity Total	Capacity MBtuh Integ*	Total System KW†	Capacity Total	Capacity MBtuh Integ*	Total System KW†	Capacity Total	Capacity MBtuh Integ*	Total System KW†	Capacity Total	Capacity MBtuh Integ*	Total System KW†	Capacity Total	Capacity MBtuh Integ*	Total System KW†	Capacity Total	Capacity MBtuh Integ*	Total System KW†	Capacity Total	Capacity MBtuh Integ*	Total System KW†				
65	700	8.58	7.89	1.34	11.19	10.28	1.43	13.94	12.71	1.51	16.89	15.00	1.59	20.18	18.36	1.70	23.68	23.88	1.82	27.94	27.94	1.97	32.52	32.52	2.16
	800	8.74	8.04	1.35	11.36	10.44	1.42	14.15	12.90	1.49	17.13	15.21	1.57	20.50	18.65	1.66	24.27	24.27	1.78	28.43	28.43	1.91	33.21	33.21	2.09
	900	8.87	8.16	1.35	11.51	10.58	1.42	14.32	13.05	1.48	17.34	15.40	1.55	20.80	18.92	1.64	24.58	24.58	1.74	28.81	28.81	1.87	33.73	33.73	2.04
	700	8.13	7.48	1.40	10.78	9.91	1.49	13.56	12.37	1.58	16.53	14.68	1.67	19.75	17.97	1.78	23.42	23.42	1.91	27.42	27.42	2.07	31.83	31.83	2.26
	800	8.29	7.62	1.40	10.96	10.07	1.49	13.77	12.56	1.57	16.77	14.89	1.65	20.06	18.26	1.75	23.80	23.80	1.86	27.90	27.90	2.01	32.54	32.54	2.18
70	900	8.42	7.75	1.41	11.11	10.21	1.49	13.95	12.72	1.56	16.96	15.06	1.63	20.32	18.49	1.72	24.10	24.10	1.83	28.28	28.28	1.96	33.06	33.06	2.13
	700	7.64	7.03	1.46	10.35	9.51	1.56	13.16	12.00	1.65	16.15	14.34	1.76	19.32	17.59	1.87	22.97	22.97	2.01	26.90	26.90	2.17	31.27	31.27	2.36
75	800	7.80	7.18	1.46	10.54	9.68	1.55	13.37	12.19	1.64	16.39	14.56	1.73	19.63	17.87	1.83	23.34	23.34	1.96	27.37	27.37	2.10	31.84	31.84	2.28
	900	7.94	7.31	1.47	10.69	9.83	1.55	13.55	12.36	1.63	16.59	14.73	1.72	19.89	18.10	1.81	23.64	23.64	1.92	27.75	27.75	2.06	32.39	32.39	2.23

265ANA024-B Outdoor Section With FX4CNF030 Indoor Section

Heating Indoor Model	Capacity	Power	Furnace Model	Heating Indoor Model	Capacity	Power	Furnace Model	Heating Indoor Model	Capacity	Power	Furnace Model
CNPH*2417A**	1.00	1.00	315(A,J)AV036070	CNPH*2417A**	0.97	1.01	315(A,J)AV048090	CNPH*2417A**	0.97	1.01	315(A,J)AV042080
CNPH*3017A**	0.98	1.00	315(A,J)AV036070	CNPH*3017A**	0.97	1.03	315(A,J)AV036070	CNPH*3017A**	0.97	1.01	315(A,J)AV042080
CSPH*2412A**	1.00	0.95	315(A,J)AV036070	CSPH*2412A**	0.97	1.02	315(A,J)AV036070	CSPH*2412A**	0.97	1.01	315(A,J)AV042080
CAP**2417A**	1.01	1.09	315(A,J)AV036070	CAP**2417A**	0.97	1.02	315(A,J)AV036070	CAP**2417A**	0.97	1.03	315(A,J)AV042080
FFIENP024	1.01	1.09	315(A,J)AV036070	FFIENP024	0.97	1.02	315(A,J)AV036070	CAP**3017A**	0.97	1.02	315(A,J)AV042080
FV4BNF002	0.98	1.00	315(A,J)AV036070	CSPH*2412A**	0.97	1.02	315(A,J)AV036070	CNPH*2417A**	0.97	1.01	315(A,J)AV042080
FV4BNF003	0.98	1.00	315(A,J)AV036070	CSPH*3012A**	0.97	1.02	315(A,J)AV036070	CNPH*3017A**	0.97	1.02	315(A,J)AV042080
FX4CNF024	0.99	1.02	315(A,J)AV048090	CAP**2417A**	0.97	1.02	315(A,J)AV048090	CNPH*2417A**	0.97	1.01	315(A,J)AV042080
FY4ANF024	1.01	1.09	315(A,J)AV048090	CAP**3017A**	0.97	1.01	315(A,J)AV048090	CNPH*3017A**	0.97	1.02	315(A,J)AV042080
FY4ANF030	1.01	1.06	315(A,J)AV048090	CNPH*2417A**	0.97	1.01	315(A,J)AV048090	CSPH*2412A**	0.97	1.01	315(A,J)AV042080
CAP**2414A**	1.01	1.07	315(A,J)AV048090	CNPH*3017A**	0.97	1.01	315(A,J)AV048090	CSPH*3012A**	0.97	1.02	315(A,J)AV042080
CAP**2417A**	1.01	1.07	315(A,J)AV048090	CNPH*2417A**	0.97	1.01	315(A,J)AV048090	CNPH*2417A**	0.97	1.01	315(A,J)AV042080
CAP**3017A**	1.01	1.07	315(A,J)AV048090	CNPH*2412A**	0.97	1.01	315(A,J)AV048090	CNPH*3017A**	0.97	1.01	315(A,J)AV042080
CNPF*2418A**	1.01	1.05	315(A,J)AV048090	CSPH*2412A**	0.97	1.01	315(A,J)AV048090	CSPH*2412A**	0.97	1.02	315(A,J)AV042080
CNPH*2417A**	1.01	1.05	315(A,J)AV060110	CNPH*2417A**	0.97	1.01	315(A,J)AV060110	CNPH*2417A**	0.97	1.01	315(A,J)AV060080
CNPH*3017A**	1.01	1.06	315(A,J)AV060110	CNPH*3017A**	0.97	1.01	315(A,J)AV060110	CNPH*3017A**	0.97	1.01	315(A,J)AV060080
CNPH*2414A**	1.01	1.05	315(A,J)AV060110	CSPH*2412A**	0.97	1.01	315(A,J)AV060110	CSPH*2412A**	0.97	1.01	315(A,J)AV060080
CNPH*3014A**	1.01	1.05	315(A,J)AV060110	CSPH*3012A**	0.97	1.01	315(A,J)AV060110	CSPH*3012A**	0.97	1.02	315(A,J)AV060080
CNPH*3017A**	1.01	1.06	315(A,J)AV066135	CNPH*2417A**	0.97	1.01	315(A,J)AV066135	CNPH*2417A**	0.97	1.01	315(A,J)AV060100
CSPH*2412A**	1.01	1.05	315(A,J)AV066135	CNPH*3017A**	0.97	1.01	315(A,J)AV066135	CNPH*3017A**	0.97	1.01	315(A,J)AV060100
CSPH*3012A**	1.01	1.06	315(A,J)AV066135	CSPH*2412A**	0.97	1.01	315(A,J)AV066135	CSPH*2412A**	0.97	1.01	315(A,J)AV060100
				CSPH*3012A**	0.97	1.01	315(A,J)AV066135	CSPH*3012A**	0.97	1.01	315(A,J)AV060100
				CNPH*2417A**	0.97	1.01	315(A,J)AV066155	CNPH*2417A**	0.97	1.02	315(A,J)AV060120
				CNPH*3017A**	0.97	1.01	315(A,J)AV066155	CNPH*3017A**	0.97	1.02	315(A,J)AV060120
				CSPH*2412A**	0.97	1.01	315(A,J)AV066155	CSPH*2412A**	0.97	1.02	315(A,J)AV060120
				CSPH*3012A**	0.97	1.01	315(A,J)AV066155	CSPH*3012A**	0.97	1.02	315(A,J)AV060120

See notes on pg. 31

# HEAT PUMP HEATING PERFORMANCE CONTINUED

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES deg F																							
EDB	CFM	-3		7		17		27		37		47		57		67									
		Capacity MBtuh	Total System KWT	Capacity MBtuh	Total System KWT	Capacity MBtuh	Total System KWT	Capacity MBtuh	Total System KWT	Capacity MBtuh	Total System KWT	Capacity MBtuh	Total System KWT	Capacity MBtuh	Total System KWT	Capacity MBtuh	Total System KWT								
																		Integ*	Integ*	Integ*	Integ*	Integ*	Integ*	Integ*	Integ*
		265ANAA030-B Outdoor Section With FX4CNF030 Indoor Section																							
65	875	10.94	10.07	1.72	14.09	12.95	1.81	17.44	15.90	1.89	21.04	18.69	2.35	24.99	22.74	2.08	29.49	29.49	2.21	34.39	34.39	2.36	39.81	39.81	2.55
	1000	11.16	10.26	1.73	14.33	13.17	1.81	17.72	16.16	1.98	21.36	18.97	2.35	25.39	23.10	2.03	29.96	29.96	2.17	34.98	34.98	2.31	40.60	40.60	2.48
	1125	11.34	10.44	1.75	14.53	13.35	1.81	17.96	16.37	1.98	21.61	19.20	2.05	25.72	23.40	2.03	30.35	30.35	2.14	35.46	35.46	2.27	41.24	41.24	2.43
70	875	10.36	9.53	1.79	13.60	12.50	1.88	16.95	15.46	1.87	20.58	18.56	2.07	24.47	22.26	2.18	28.94	28.94	2.32	33.75	33.75	2.47	39.12	39.12	2.67
	1000	10.61	9.76	1.80	13.85	12.72	1.88	17.24	15.72	1.96	20.82	18.56	2.05	24.86	22.62	2.13	29.40	29.40	2.27	34.35	34.35	2.41	39.85	39.85	2.59
	1125	10.80	9.94	1.82	14.06	12.92	1.89	17.48	15.93	1.96	21.16	18.80	2.04	25.19	22.92	2.13	29.78	29.78	2.24	34.81	34.81	2.37	40.44	40.44	2.54
75	875	9.76	8.98	1.86	13.04	11.99	1.96	16.47	15.01	2.06	20.10	17.85	2.17	23.98	21.82	2.28	28.30	28.30	2.42	33.12	33.12	2.59	38.41	38.41	2.78
	1000	9.99	9.19	1.87	13.29	12.22	1.96	16.76	15.28	2.05	20.44	18.15	2.15	24.35	22.16	2.25	28.84	28.84	2.38	33.70	33.70	2.52	39.13	39.13	2.70
	1125	10.18	9.36	1.88	13.51	12.42	1.97	17.00	15.50	2.05	20.71	18.39	2.14	24.65	22.43	2.23	29.22	29.22	2.35	34.18	34.18	2.48	39.70	39.70	2.65

Heating Indoor Model		Capacity	Power	Furnace Model		Heating Indoor Model		Capacity	Power	Furnace Model		Heating Indoor Model		Capacity	Power	Furnace Model	
*FX4CNF030		1.00	1.00			CSPH*3612A**	0.98	0.97	0.98	0.97	315(A,J)AV048090	CSPH*3612A**	0.98	1.01	355AAV060100		
FE4ANF002		0.99	0.99			CAP**3621A**	0.98	0.99	0.99	0.99	315(A,J)AV060110	CNPV*3621A**	0.98	1.01	355AAV060100		
FE4ANF005		0.99	0.95			CNPV*3017A**	0.98	1.00	1.00	1.00	315(A,J)AV060110	CSPH*3012A**	0.98	1.00	355AAV060100		
FE5ANB004		0.99	0.92			CNPV*3621A**	0.98	1.00	1.00	1.00	315(A,J)AV060110	CNPV*3621A**	0.98	0.97	355AAV060100		
FF1ENP030		1.01	1.07			CSPH*3012A**	0.98	1.00	1.00	1.00	315(A,J)AV060110	CNPV*3017A**	0.98	1.01	355AAV060120		
FF1ENP036		1.02	1.06			CSPH*3612A**	0.98	0.97	0.97	0.97	315(A,J)AV060110	CSPH*3612A**	0.98	1.01	355AAV060120		
FV4BNF002		0.99	0.99			CNPV*3017A**	0.98	1.00	1.00	1.00	315(A,J)AV066135	CNPV*3017A**	0.98	1.01	355AAV060120		
FV4BNF003		0.98	0.98			CNPV*3617A**	0.98	1.00	1.00	1.00	315(A,J)AV066135	CSPH*3012A**	0.98	1.01	355AAV060120		
FV4BNF005		0.99	0.95			CSPH*3012A**	0.98	1.00	1.00	1.00	315(A,J)AV066135	CSPH*3612A**	0.98	0.98	355AAV060120		
FX4CNB.FJ036		1.01	1.00			CSPH*3612A**	0.98	0.97	0.97	0.97	315(A,J)AV066135	CNPV*3612A**	0.98	0.98	355AAV060120		
FY4ANF030		1.02	1.05			CNPV*3017A**	0.98	1.00	1.00	1.00	315(A,J)AV066155	CNPV*3017A**	0.98	1.01	355AAV060120		
FY4ANF036		1.02	1.06			CNPV*3617A**	0.98	1.00	1.00	1.00	315(A,J)AV066155	CSPH*3012A**	0.98	1.01	355AAV060120		
CAP**3014A**		1.02	1.06			CSPH*3012A**	0.98	1.00	1.00	1.00	315(A,J)AV066155	CSPH*3612A**	0.98	0.98	355AAV060120		
CAP**3017A**		1.02	1.02			CNPV*3612A**	0.98	0.97	0.97	0.97	315(A,J)AV066155	CNPV*3612A**	0.98	1.01	355AAV060120		
CAP**3614A**		0.99	1.02			CNPV*3017A**	0.98	1.01	1.01	1.01	355AAV042040	CNPV*3017A**	0.98	1.01	355AAV060120		
CAP**3617A**		1.02	1.06			CNPV*3617A**	0.98	1.01	1.01	1.01	355AAV042040	CSPH*3012A**	0.98	1.01	355AAV060120		
CAP**3621A**		1.02	1.06			CSPH*3012A**	0.98	1.01	1.01	1.01	355AAV042040	CSPH*3612A**	0.98	1.01	355AAV060120		
CNPV*3618A**		1.02	1.06			CSPH*3612A**	0.98	0.98	0.98	0.98	355AAV042040	CNPV*3617A**	0.98	1.01	355AAV060120		
CNPV*3017A**		1.02	1.06			CAP**3017A**	0.98	1.01	1.01	1.01	355AAV042060	CAP**3017A**	0.98	0.98	355AAV060120		
CNPV*3617A**		1.02	1.06			CAP**3617A**	0.98	1.01	1.01	1.01	355AAV042060	CNPV*3017A**	0.98	1.01	355AAV060120		
CNPV*3014A**		1.02	1.06			CNPV*3017A**	0.98	1.01	1.01	1.01	355AAV042060	CNPV*3617A**	0.98	1.01	355AAV060120		
CNPV*3617A**		1.02	1.06			CNPV*3617A**	0.98	1.01	1.01	1.01	355AAV042060	CNPV*3017A**	0.98	1.01	355AAV060120		
CNPV*3621A**		1.02	1.06			CNPV*3617A**	0.98	1.01	1.01	1.01	355AAV042060	CNPV*3617A**	0.98	1.01	355AAV060120		
CSPH*3012A**		1.02	1.05			CSPH*3012A**	0.98	1.01	1.01	1.01	355AAV042060	CSPH*3012A**	0.98	1.01	355AAV060120		
CSPH*3612A**		1.02	1.02			CSPH*3612A**	0.98	0.98	0.98	0.98	355AAV042060	CSPH*3612A**	0.98	0.98	355AAV060120		
CAP**3014A**		0.98	1.02			CAP**3621A**	0.98	1.00	1.00	1.00	355AAV042080	CAP**3014A**	0.98	1.01	355AAV060080		
CAP**3614A**		0.95	1.01			CNPV*3017A**	0.98	1.01	1.01	1.01	355AAV042080	CNPV*3617A**	0.98	1.01	355AAV060080		
CNPV*3017A**		0.98	1.01			CNPV*3617A**	0.98	1.01	1.01	1.01	355AAV042080	CNPV*3617A**	0.98	1.01	355AAV060080		
CNPV*3617A**		0.98	1.01			CNPV*3621A**	0.98	1.01	1.01	1.01	355AAV042080	CNPV*3621A**	0.98	1.01	355AAV060080		
CSPH*3012A**		0.98	1.01			CSPH*3012A**	0.98	1.01	1.01	1.01	355AAV042080	CSPH*3012A**	0.98	1.01	355AAV060080		
CSPH*3612A**		0.98	1.01			CSPH*3612A**	0.98	0.98	0.98	0.98	355AAV042080	CSPH*3612A**	0.98	1.01	355AAV060080		
CAP**3014A**		0.98	1.01			CAP**3621A**	0.98	1.00	1.00	1.00	355AAV060080	CAP**3014A**	0.98	1.01	355AAV060080		
CAP**3614A**		0.98	1.01			CNPV*3017A**	0.98	1.01	1.01	1.01	355AAV060080	CNPV*3617A**	0.98	1.01	355AAV060080		
CNPV*3017A**		0.98	1.00			CNPV*3617A**	0.98	1.01	1.01	1.01	355AAV060080	CNPV*3617A**	0.98	1.01	355AAV060080		
CNPV*3617A**		0.98	1.00			CNPV*3621A**	0.98	1.01	1.01	1.01	355AAV060080	CNPV*3621A**	0.98	1.01	355AAV060080		
CSPH*3012A**		0.98	1.00			CSPH*3012A**	0.98	1.01	1.01	1.01	355AAV060080	CSPH*3012A**	0.98	1.01	355AAV060080		
CSPH*3612A**		0.98	1.00			CSPH*3612A**	0.98	0.98	0.98	0.98	355AAV060080	CSPH*3612A**	0.98	1.01	355AAV060080		
CNPV*3017A**		0.98	1.00			CAP**3621A**	0.98	0.98	0.98	0.98	355AAV060100	CNPV*3017A**	0.98	1.01	355AAV060100		
CNPV*3617A**		0.98	1.00			CNPV*3017A**	0.98	1.01	1.01	1.01	355AAV060100	CNPV*3617A**	0.98	1.01	355AAV060100		
CSPH*3012A**		0.98	1.00			CNPV*3617A**	0.98	1.01	1.01	1.01	355AAV060100	CSPH*3012A**	0.98	1.01	355AAV060100		

See notes on pg. 31

HEAT PUMP HEATING PERFORMANCE CONTINUED

OUTDOOR COIL ENTERING AIR TEMPERATURES deg F

INDOOR AIR	- 3					7					17					27					37					47					57					67																																																																																																																																																																																									
	EDB	CFM	Capacity MBtuh		Total System KWT	Capacity MBtuh		Total System KWT	Capacity MBtuh		Total System KWT	Capacity MBtuh		Total System KWT	Capacity MBtuh		Total System KWT	Capacity MBtuh		Total System KWT	Capacity MBtuh		Total System KWT	Capacity MBtuh		Total System KWT	Capacity MBtuh		Total System KWT	Capacity MBtuh		Total System KWT																																																																																																																																																																																													
			Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*																																																																																																																																																																																	
65	1050	12.64	11.63	2.00	16.28	14.96	2.10	20.13	18.35	2.20	24.23	21.52	2.31	28.87	26.28	2.44	34.11	34.11	2.59	39.94	39.94	2.78	46.89	46.89	3.03	1200	12.89	11.86	2.01	16.53	15.19	2.10	20.41	18.61	2.19	24.56	22.72	2.41	34.61	34.61	2.55	40.67	40.67	2.73	47.75	47.75	2.96	1350	13.10	12.05	2.03	16.77	15.41	2.20	24.85	22.07	2.28	29.70	27.02	2.40	35.02	35.02	2.53	41.06	41.06	2.70	48.36	48.36	2.93	1050	12.02	11.08	2.07	15.74	14.46	2.19	19.84	17.91	2.30	23.77	21.11	2.42	28.30	25.76	2.56	33.50	33.50	2.72	39.21	39.21	2.91	45.94	45.94	3.16	70	1350	12.47	11.29	2.09	16.04	14.74	2.20	20.19	18.18	2.30	24.09	21.40	2.40	28.72	26.14	2.52	34.00	34.00	2.67	39.82	39.82	2.85	46.82	46.82	3.09	1350	12.49	11.50	2.11	16.27	14.95	2.21	20.19	18.41	2.30	24.36	21.64	2.39	29.07	26.45	2.51	34.40	34.40	2.65	40.33	40.33	2.82	47.44	47.44	3.05	1050	11.33	10.42	2.15	15.17	13.94	2.28	19.12	17.44	2.41	23.28	20.67	2.54	27.73	25.24	2.68	32.90	32.90	2.85	38.50	38.50	3.05	45.01	45.01	3.30	75	1200	11.60	10.67	2.16	15.44	14.19	2.29	19.42	17.71	2.40	23.61	20.97	2.52	28.15	25.62	2.64	33.38	33.38	2.80	39.11	39.11	2.98	45.88	45.88	3.22	1350	11.82	10.88	2.18	15.68	14.41	2.30	19.68	17.95	2.40	23.89	21.21	2.51	28.50	25.93	2.62	33.78	33.78	2.77	39.57	39.57	2.94	46.52	46.52	3.18

265ANA036-B Outdoor Section With FX4CNF042 Indoor Section

Heating Indoor Model	Capacity	Power	Furnace Model
*FX4CN(B,F)042	1.00	1.00	
FE4ANB006	0.99	0.95	
FE4ANF002	0.98	1.03	
FE4ANF003	0.97	1.01	
FE4ANF005	0.98	0.97	
FESANB004	0.98	0.94	
FF1E1NP036	1.01	1.10	
FV4BNB006	0.99	0.95	
FV4BNF002	0.98	1.03	
FV4BNF003	0.97	1.01	
FV4BNF005	0.98	0.97	
FX4CN(B,F)086	0.99	1.02	
FY4ANF036	1.01	1.10	
FY4ANF042	1.02	1.07	
CAP**3614A**	0.98	1.07	
CAP**3617A**	1.01	1.08	
CAP**3621A**	1.01	1.08	
CAP**4221A**	1.01	1.08	
CAP**4224A**	1.01	1.08	
CNP**3618A**	1.01	1.09	
CNP**3617A**	1.01	1.09	
CNP**4221A**	1.01	1.07	
CNP**4221A**	1.01	1.09	
CNP**4221A**	1.01	1.09	
CNP**4221A**	1.01	1.09	
CNP**4221A**	1.01	1.07	
CNP**4221A**	1.01	1.05	
CNP**4221A**	1.01	1.04	
CAP**3614A**	0.98	1.06	315(A,J)036070
CNP**3617A**	0.97	1.03	315(A,J)036070
CSPH*3612A**	0.97	1.01	315(A,J)036070
CSPH*4212A**	0.98	1.01	315(A,J)048090
CNP**3617A**	0.97	1.04	315(A,J)048090
CNP**4221A**	0.97	1.01	315(A,J)048090
CSPH*3612A**	0.97	1.00	315(A,J)048090
CSPH*4212A**	0.98	1.01	315(A,J)048090
CNP**3617A**	0.97	1.03	315(A,J)048090
CNP**4221A**	0.97	1.04	315(A,J)060110
CNP**3617A**	0.97	1.04	315(A,J)060110

Heating Indoor Model	Capacity	Power	Furnace Model
CNP**4221A**	0.97	1.00	315(A,J)060110
CNP**3621A**	1.00	1.04	315(A,J)060110
CNPV*4221A**	0.97	1.00	315(A,J)060110
CSPH*3612A**	0.98	1.00	315(A,J)060110
CAP**4224A**	0.97	1.01	315(A,J)066135
CNP**3617A**	0.97	1.04	315(A,J)066135
CNP**4221A**	0.96	0.99	315(A,J)066135
CSPH*3612A**	0.97	1.00	315(A,J)066135
CSPH*4212A**	0.98	0.99	315(A,J)066135
CAP**4224A**	0.97	1.00	315(A,J)066155
CNP**3617A**	0.97	1.03	315(A,J)066155
CNP**4221A**	0.96	0.99	315(A,J)066155
CSPH*3612A**	0.97	0.99	315(A,J)066155
CSPH*4212A**	0.98	1.00	315(A,J)066155
CAP**3617A**	0.97	1.04	355AAV042040
CNP**4221A**	0.97	1.05	355AAV042060
CNP**3617A**	0.97	1.01	355AAV042080
CNP**4221A**	0.97	1.05	355AAV042080
CSPH*3612A**	0.97	1.01	355AAV042080
CSPH*4212A**	0.98	1.00	355AAV042080
CAP**3621A**	0.97	1.05	355AAV042080
CAP**4221A**	0.98	1.04	355AAV042080
CNP**3617A**	0.97	1.06	355AAV042080
CNP**4221A**	0.97	1.02	355AAV042080
CSPH*3612A**	0.97	1.06	355AAV042080
CSPH*4212A**	0.97	1.06	355AAV042080
CAP**3621A**	0.98	1.02	355AAV042080
CAP**4221A**	0.99	1.02	355AAV042080
CNP**3617A**	0.97	1.06	355AAV042080
CNP**4221A**	0.97	1.06	355AAV042080
CSPH*3612A**	0.97	1.02	355AAV042080
CSPH*4212A**	0.97	1.02	355AAV042080
CAP**3621A**	0.97	1.01	355AAV060080
CAP**4221A**	0.98	1.03	355AAV060080
CNP**3617A**	0.97	1.05	355AAV060080
CNP**4221A**	0.97	1.02	355AAV060080
CAP**3621A**	0.97	1.05	355AAV060080
CAP**4221A**	0.97	1.05	355AAV060080
CNP**3617A**	0.97	1.01	355AAV060080
CNP**4221A**	0.97	1.02	355AAV060080

See notes on pg. 31

Heating Indoor Model	Capacity	Power	Furnace Model
CSPH*4212A**	0.98	1.00	355AAV060080
CAP**3621A**	0.97	1.03	355AAV060100
CAP**4221A**	0.98	1.03	355AAV060100
CNP**3617A**	0.97	1.05	355AAV060100
CNP**4221A**	0.97	1.01	355AAV060100
CNPV*3621A**	0.97	1.04	355AAV060100
CNPV*4221A**	0.97	1.01	355AAV060100
CSPH*3612A**	0.97	1.00	355AAV060100
CSPH*4212A**	0.98	1.00	355AAV060100
CAP**4224A**	0.97	1.02	355AAV060120
CNP**3617A**	0.97	1.05	355AAV060120
CNP**4221A**	0.97	1.01	355AAV060120
CSPH*3612A**	0.97	1.01	355AAV060120
CSPH*4212A**	0.97	1.01	355AAV060120

# HEAT PUMP HEATING PERFORMANCE CONTINUED

INDOOR AIR	OUTDOOR COIL ENTERING AIR TEMPERATURES deg F																								
	-3			7			17			27			37			47			57			67			
	EDB	CFM	Capacity MBtuh Total Integ*	Total System KWt	Capacity MBtuh Total Integ*	Total System KWt	Capacity MBtuh Total Integ*	Total System KWt	Capacity MBtuh Total Integ*	Total System KWt	Capacity MBtuh Total Integ*	Total System KWt	Capacity MBtuh Total Integ*	Total System KWt	Capacity MBtuh Total Integ*	Total System KWt	Capacity MBtuh Total Integ*	Total System KWt	Capacity MBtuh Total Integ*	Total System KWt	Capacity MBtuh Total Integ*	Total System KWt			
65	1225	17.77	16.35	2.64	21.87	20.10	2.75	26.27	23.95	2.84	30.93	27.47	2.94	36.09	32.84	3.04	42.01	42.01	3.16	48.98	48.98	3.27	56.03	56.03	3.41
	1400	18.14	16.69	2.69	22.27	20.46	2.78	26.69	24.34	2.86	31.39	27.88	2.95	36.70	33.39	3.03	42.74	42.74	3.13	49.60	49.60	3.20	56.27	56.27	3.32
	1575	18.47	16.99	2.73	22.62	20.79	2.82	27.07	24.68	2.89	31.79	28.24	2.98	37.33	33.97	3.04	43.36	43.36	3.12	49.86	49.86	3.18	54.84	54.84	3.25
70	1225	17.18	15.81	2.72	21.32	19.59	2.83	25.75	23.47	2.84	30.42	27.02	2.95	35.49	32.29	3.05	41.30	41.30	3.29	48.11	48.11	3.43	55.33	55.33	3.57
	1400	17.55	16.15	2.76	21.72	19.96	2.87	26.18	23.87	2.86	30.89	27.44	2.96	36.55	33.21	3.06	42.00	42.00	3.27	48.98	48.98	3.35	55.65	55.65	3.48
	1575	17.89	16.46	2.81	22.09	20.30	2.91	26.56	24.22	2.89	31.30	27.80	3.08	36.55	33.26	3.16	42.62	42.62	3.26	49.32	49.32	3.33	56.01	56.01	3.44
75	1225	16.56	15.23	2.79	20.74	19.06	2.92	25.18	22.96	3.04	29.89	26.54	3.17	34.88	31.74	3.29	40.63	40.63	3.43	47.28	47.28	3.59	54.62	54.62	3.73
	1400	16.95	15.59	2.84	21.15	19.44	2.95	25.63	23.36	3.07	30.37	26.97	3.17	35.44	32.25	3.28	41.29	41.29	3.40	48.22	48.22	3.51	55.12	55.12	3.64
	1575	17.27	15.89	2.88	21.52	19.77	3.00	26.02	23.72	3.10	30.78	27.34	3.19	35.93	32.69	3.29	41.88	41.88	3.40	48.74	48.74	3.48	55.43	55.43	3.80

265ANA042-B Outdoor Section With FX4CNF048 Indoor Section

Heating Indoor Model	Capacity	Power	Furnace Model
*FX4CN(B,F)048	1.00	1.00	
FE4ANB006	0.99	0.98	
FE4ANF003	0.96	1.05	
FE4ANF005	0.98	1.00	
FE5ANB004	0.99	0.97	
FV4BNB006	0.99	1.09	
FV4BNF003	0.96	1.05	
FV4BNF005	0.98	1.00	
FX4CN(B,F)042	0.99	1.03	
FY4ANF042	1.00	1.09	
FY4ANF048	1.01	1.07	
CAP**4221A**	1.00	1.09	
CAP**4224A**	1.00	1.09	
CAP**4817A**	1.01	1.05	
CAP**4821A**	1.01	1.07	
CAP**4824A**	1.01	1.07	
CNPF*4818A**	0.99	1.06	
CNPH*4221A**	1.00	1.09	
CNPH*4821A**	1.01	1.09	
CNPF*4221A**	1.00	1.07	
CNPF*4821A**	1.01	1.07	
CNPF*4824A**	1.01	1.05	
CSPH*4812A**	1.01	1.05	
CNPH*4221A**	0.96	1.05	315(A,J)AV036070
CNPH*4821A**	0.98	1.04	315(A,J)AV036070
CSPH*4212A**	0.96	1.03	315(A,J)AV036070
CSPH*4812A**	0.98	1.04	315(A,J)AV036070
CAP**4817A**	0.98	1.02	315(A,J)AV048090
CNPH*4221A**	0.96	1.04	315(A,J)AV048090
CNPH*4821A**	0.98	1.03	315(A,J)AV048090
CSPH*4212A**	0.96	1.02	315(A,J)AV048090
CSPH*4812A**	0.98	1.05	315(A,J)AV060110
CAP**4221A**	0.96	1.05	315(A,J)AV060110
CAP**4821A**	0.98	1.02	315(A,J)AV060110
CNPH*4221A**	0.96	1.03	315(A,J)AV060110
CNPH*4821A**	0.98	1.02	315(A,J)AV060110
CNPF*4221A**	0.96	1.03	315(A,J)AV060110
CNPF*4821A**	0.98	1.01	315(A,J)AV060110
CSPH*4212A**	0.96	1.02	315(A,J)AV060110
CSPH*4812A**	0.98	1.02	315(A,J)AV060110

Heating Indoor Model	Capacity	Power	Furnace Model
CSPH*4812A**	0.98	1.03	355AAV060080
CAP**4221A**	0.96	1.05	355AAV060100
CAP**4821A**	0.98	1.03	355AAV060100
CNPH*4221A**	0.96	1.04	355AAV060100
CNPH*4821A**	0.98	1.03	355AAV060100
CNPF*4221A**	0.96	1.04	355AAV060100
CNPF*4821A**	0.98	1.03	355AAV060100
CSPH*4212A**	0.96	1.02	355AAV060100
CSPH*4812A**	0.98	1.02	355AAV060100
CAP**4224A**	0.96	1.05	355AAV060120
CAP**4824A**	0.98	1.03	355AAV060120
CNPF*4221A**	0.96	1.04	355AAV060120
CNPF*4821A**	0.98	1.03	355AAV060120
CSPH*4212A**	0.96	1.02	355AAV060120
CSPH*4812A**	0.98	1.03	355AAV060120
CAP**4224A**	0.96	1.02	355AAV060120
CAP**4824A**	0.98	1.03	355AAV060120
CNPF*4221A**	0.96	1.03	355AAV060120
CNPF*4821A**	0.98	1.02	355AAV060120
CSPH*4212A**	0.96	1.03	355AAV060120
CSPH*4812A**	0.98	1.03	355AAV060120
CAP**4224A**	0.96	1.02	355AAV060120
CAP**4824A**	0.98	1.03	355AAV060120
CNPF*4221A**	0.96	1.03	355AAV060120
CNPF*4821A**	0.98	1.02	355AAV060120
CSPH*4212A**	0.96	1.03	355AAV060120
CSPH*4812A**	0.98	1.03	355AAV060120

See notes on pg. 31

# HEAT PUMP HEATING PERFORMANCE CONTINUED

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES deg F																							
		-3			7			17			27			37			47			57			67		
EDB	CFM	Capacity MBtuh		Total System KWT	Capacity MBtuh		Total System KWT	Capacity MBtuh		Total System KWT	Capacity MBtuh		Total System KWT	Capacity MBtuh		Total System KWT	Capacity MBtuh		Total System KWT	Capacity MBtuh		Total System KWT	Capacity MBtuh		Total System KWT
		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*		Total	Integ*	
65	1400	19.54	17.98	2.79	24.30	22.33	2.91	29.42	26.83	3.02	34.92	31.02	3.15	41.16	37.45	3.30	48.11	48.11	3.47	56.36	56.36	3.64	64.59	64.59	3.87
	1600	19.84	18.25	2.80	24.62	22.63	2.90	29.78	27.15	3.01	35.34	31.38	3.12	41.92	38.14	3.25	48.81	48.81	3.40	56.71	56.71	3.53	64.00	64.00	3.70
	1800	20.10	18.49	2.82	24.91	22.89	2.91	30.09	27.44	3.00	35.89	31.70	3.10	42.11	38.32	3.22	49.41	49.41	3.33	56.74	56.74	3.46	61.21	61.21	3.54
70	1400	18.95	17.44	2.92	23.74	21.82	3.05	28.89	26.34	3.17	34.89	30.55	3.31	40.39	36.75	3.46	47.33	47.33	3.65	55.45	55.45	3.84	63.71	63.71	4.07
	1600	19.25	17.71	2.93	24.07	22.12	3.04	29.26	26.68	3.15	34.81	30.92	3.28	40.92	37.23	3.41	48.00	48.00	3.58	56.03	56.03	3.72	63.79	63.79	3.91
	1800	19.52	17.96	2.95	24.36	22.39	3.05	29.58	26.97	3.15	35.16	31.23	3.26	41.37	37.65	3.38	48.57	48.57	3.52	56.18	56.18	3.65	62.11	62.11	3.77
75	1400	18.32	16.86	3.05	23.16	21.28	3.19	28.33	25.83	3.33	33.84	30.06	3.48	39.77	36.19	3.64	46.58	46.58	3.84	54.50	54.50	4.05	62.83	62.83	4.28
	1600	18.63	17.14	3.06	23.49	21.59	3.18	28.71	26.17	3.31	34.27	30.43	3.44	40.26	36.64	3.58	47.22	47.22	3.76	55.33	55.33	3.91	63.06	63.06	4.12
	1800	18.89	17.38	3.08	23.79	21.86	3.19	29.03	26.46	3.30	34.63	30.75	3.42	40.70	37.04	3.55	47.76	47.76	3.71	55.56	55.56	3.84	62.40	62.40	4.00

265ANA048-B Outdoor Section With FX4CNF000 Indoor Section

Heating Indoor Model	Capacity	Power	Furnace Model
CAP**4824A**	0.98	1.06	315(A,J)AV066155
CAP**6024A**	0.98	1.04	315(A,J)AV066155
CNPH*4821A**	0.98	1.05	315(A,J)AV066155
CNPH*6024A**	0.98	1.04	315(A,J)AV066155
CNPH*4824A**	0.98	1.05	315(A,J)AV066155
CNPH*6024A**	0.98	1.04	315(A,J)AV066155
CSPH*4812A**	0.98	1.05	315(A,J)AV066155
CSPH*6012A**	0.98	1.03	315(A,J)AV066155
CAP**4821A**	0.98	1.09	355AAV/060080
CAP**6021A**	0.99	1.08	355AAV/060080
CNPH*4821A**	0.98	1.08	355AAV/060080
CNPH*6024A**	0.98	1.07	355AAV/060080
CNPH*4821A**	0.98	1.08	355AAV/060100
CNPH*6024A**	0.98	1.06	355AAV/060100
CSPH*4812A**	0.98	1.07	355AAV/060100
CSPH*6012A**	0.98	1.07	355AAV/060100
CAP**4824A**	0.98	1.05	355AAV/060120
CAP**6024A**	0.98	1.06	355AAV/060120
CNPH*4821A**	0.98	1.08	355AAV/060120
CNPH*6024A**	0.98	1.06	355AAV/060120
CSPH*4812A**	0.98	1.08	355AAV/060120
CSPH*6012A**	0.98	1.06	355AAV/060120

See notes on pg. 31

Heating Indoor Model	Capacity	Power	Furnace Model
*FX4CN(B,F)060	1.00	1.00	
FE-4NB006	0.98	1.00	
FE-4NF005	0.98	1.04	
FV4BNB006	0.98	1.00	
FV4BNF005	0.98	1.04	
FX4CN(B,F)048	1.00	1.04	
FY4ANB060	1.02	1.08	
FY4ANF048	1.00	1.09	
CAP**4817A**	0.99	1.08	
CAP**4821A**	1.01	1.09	
CAP**4824A**	1.01	1.09	
CAP**6021A**	1.01	1.08	
CAP**6024A**	1.01	1.08	
CNPF*4818A**	0.98	1.11	
CNPH*4821A**	1.01	1.09	
CNPH*6024A**	1.01	1.08	
CNPF*4821A**	1.01	1.09	
CNPF*4824A**	1.01	1.09	
CNPF*6024A**	1.01	1.08	
CSPH*4812A**	1.01	1.08	
CSPH*6012A**	1.01	1.06	
CAP**4817A**	0.98	1.07	315(A,J)AV048090
CNPH*4821A**	0.98	1.08	315(A,J)AV048090
CNPH*6024A**	0.98	1.06	315(A,J)AV048090
CSPH*4812A**	0.98	1.07	315(A,J)AV048090
CSPH*6012A**	0.98	1.05	315(A,J)AV048090
CAP**4821A**	0.98	1.07	315(A,J)AV060110
CAP**6021A**	0.98	1.05	315(A,J)AV060110
CNPH*4821A**	0.98	1.07	315(A,J)AV060110
CNPH*6024A**	0.98	1.05	315(A,J)AV060110
CNPF*4812A**	0.98	1.07	315(A,J)AV060110
CNPF*6012A**	0.98	1.06	315(A,J)AV060110
CAP**4824A**	0.98	1.04	315(A,J)AV066135
CAP**6024A**	0.98	1.04	315(A,J)AV066135
CNPH*4821A**	0.98	1.06	315(A,J)AV066135
CNPH*6024A**	0.98	1.05	315(A,J)AV066135
CNPF*4824A**	0.98	1.06	315(A,J)AV066135
CNPF*6024A**	0.98	1.05	315(A,J)AV066135
CSPH*4812A**	0.98	1.05	315(A,J)AV066135
CSPH*6012A**	0.98	1.03	315(A,J)AV066135

# HEAT PUMP HEATING PERFORMANCE CONTINUED

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES deg F																							
		-3		7		17		27		37		47		57		67									
EDB	CFM	Capacity MBtuh		Total System KWT		Capacity MBtuh		Total System KWT		Capacity MBtuh		Total System KWT		Capacity MBtuh		Total System KWT									
		Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*	Total	Integ*								
65	1750	25.04	23.04	3.66	28.37	3.82	37.09	33.82	3.99	43.79	38.89	4.18	51.53	46.90	4.41	59.82	59.82	4.61	68.25	68.25	4.88	76.95	76.95	5.17	
	2000	25.48	23.44	3.69	31.34	3.84	37.58	34.27	4.00	44.35	39.39	4.17	52.32	47.61	4.35	60.19	60.19	4.54	68.33	68.33	4.77	72.60	72.60	4.88	
	2250	25.87	23.80	3.74	31.76	3.88	38.03	34.67	4.02	44.84	39.82	4.18	52.89	48.13	4.34	60.29	60.29	4.51	68.89	68.89	4.68	73.35	73.35	4.71	
70	1750	24.33	22.39	3.82	30.20	27.76	3.99	36.48	33.26	4.18	43.16	38.33	4.39	50.61	46.05	4.62	59.08	59.08	4.83	67.48	67.48	5.11	76.32	76.32	5.42
	2000	24.77	22.79	3.86	30.68	28.20	4.02	36.99	33.72	4.19	43.72	38.83	4.37	51.39	46.77	4.58	59.50	59.50	4.76	67.66	67.66	5.00	73.14	73.14	5.16
	2250	25.17	23.16	3.91	31.11	28.59	4.05	37.43	34.13	4.21	44.21	39.27	4.38	52.04	47.36	4.55	59.73	59.73	4.73	67.52	67.52	4.94	69.87	69.87	4.98
75	1750	23.57	21.68	3.99	29.51	27.12	4.18	35.83	32.67	4.38	42.51	37.75	4.59	49.79	45.31	4.83	58.34	58.34	5.06	66.67	66.67	5.35	75.53	75.53	5.68
	2000	24.01	22.09	4.03	29.99	27.56	4.20	36.35	33.14	4.38	43.07	38.26	4.58	50.52	45.97	4.79	58.80	58.80	4.99	66.99	66.99	5.24	73.35	73.35	5.44
	2250	24.41	22.46	4.08	30.42	27.95	4.23	36.81	33.56	4.40	43.57	38.70	4.58	51.16	46.56	4.77	59.10	59.10	4.95	67.03	67.03	5.18	70.50	70.50	5.26

Heating Indoor Model	Capacity	Power	Furnace Model
*FX4CN(B,F)060	1.00	1.00	
FE4ANB006	0.99	1.00	
FV4BNE006	0.99	1.00	
FY4ANB060	1.01	1.05	
CAP**6021A**	0.99	1.04	
CAP**6024A**	1.01	1.04	
CNPH*6024A**	1.01	1.04	
CNPV*6024A**	1.01	1.04	
CSPH*6012A**	1.01	1.02	
CAP**6021A**	0.99	1.04	315(A,J)AV060110
CNPH*6024A**	0.98	1.05	315(A,J)AV060110
CSPH*6012A**	0.98	1.02	315(A,J)AV060110
CAP**6024A**	0.99	1.04	315(A,J)AV066135
CNPH*6024A**	0.99	1.05	315(A,J)AV066135
CNPV*6024A**	0.99	1.05	315(A,J)AV066135
CSPH*6012A**	0.98	1.01	315(A,J)AV066135
CAP**6024A**	0.98	1.02	315(A,J)AV066155
CNPH*6024A**	0.99	1.04	315(A,J)AV066155
CNPV*6024A**	0.99	1.04	315(A,J)AV066155
CSPH*6012A**	0.98	1.00	315(A,J)AV066155

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

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

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

EDB — Entering Dry Bulb

# GUIDE SPECIFICATIONS

## GENERAL

### System Description

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

### Quality Assurance

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

### Delivery, Storage, and Handling

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

### Warranty (for inclusion by specifying engineer)

- U.S. and Canada only.

## PRODUCTS

### Equipment

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

### Unit Cabinet

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

### Fans

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

## AIR-COOLED, SPLIT-SYSTEM HEAT PUMP

265A

1-1/2 TO 5 NOMINAL TONS

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

### Compressor

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

### Condenser Coil

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

### Refrigeration Components

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

### Operating Characteristics

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

### Electrical Requirements

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

### Special Features

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



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