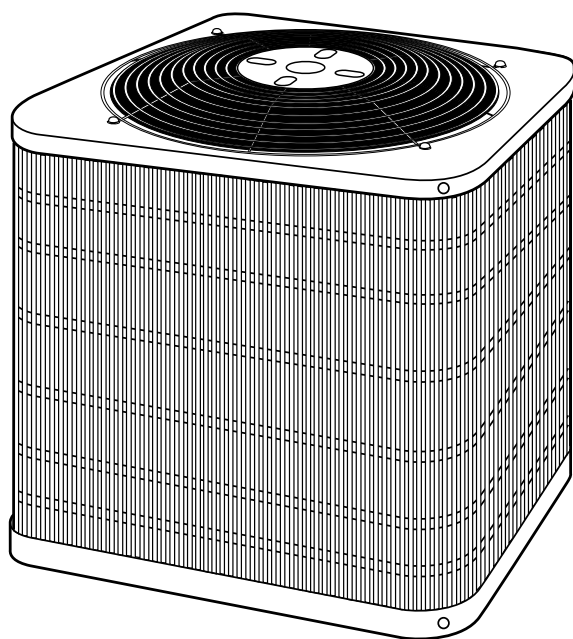




Product Data

38EYG (60 Hz) 12 SEER Heat Pump with Puron® Refrigerant

Sizes 018 thru 060



Carrier's technological leadership has risen to a new level with the development of the 38EYG Heat Pump, the outdoor section of a superior split heat pump system. This leadership effort has yielded a product that delivers proven performance to the new construction market.

Puron®, the environmentally sound refrigerant—The 38EYG uses Puron, the environmentally sound refrigerant which provides homeowners with additional peace of mind because Puron has zero ozone-depletion potential.

In addition, thanks to the performance advantage of Puron, the 38EYG is extremely efficient with ratings from 12 to 14 SEER. Maximum performance and efficiency are made possible through the use of the FX4 and FV4 fan coils, which are custom made for Puron applications.

Puron refrigerant also protects homeowners against the future cost of service from the potentially increased cost of servicing units using R-22 as it is phased out due to legislated production limits.

FEATURES

Compressor—The 38EYG features the Copeland Scroll compressor in unit sizes 024 through 060 and Bristol Reciprocating Compressor in the 018 size. These compressors are specially designed for Puron applications, with its thicker shell and an anti-reverse rotation device in scroll compressors for superior reliability and quiet operation. In

addition, each compressor is mounted on rubber isolators for additional sound reduction. For improved serviceability, all models are equipped with a compressor terminal plug. Continuous operation is approved down to -30°F (-34.4°C) in the heating mode and down to 55°F (12.8°C) in the cooling mode. (See heating and performance tables.)

Discharge Muffler—Minimizes low-frequency sound and pressure pulsation generated by compressor discharge gas.

Defrost Control Board—

Incorporates a defrost relay, defrost timer, and low-voltage terminations. The defrost control is a time and temperature initiation/termination control which includes 4 field-selectable (DIP switch) time periods of 30, 60, 90, and 120 minutes. The control includes built-in 5-minute compressor delay for units equipped with single-phase scroll compressors. This control also includes a field-selectable (DIP switch) Quiet Shift mode, which if selected, maintains quiet operation during defrost.

Accumulator for Reliable

Operation—The accumulator used in 38EYG is carefully designed to ensure an oil rich flow of refrigerant

to the compressor. This oil return is especially beneficial during start up when compressor-protecting lubrication is needed most.

Built-In Reliable Components—

The 38EYG delivers additional compressor protection with factory installed high and low-pressure switches.

Thermostatic Expansion Valve

(TXV)—The 38EYG Heat Pump must be installed with a Puron TXV on the indoor coil. The FX4 and FV4 indoor fan coils and CK5P furnace coil are factory-equipped with a bi-flow Puron TXV, which if installed with this application, requires no further change. If another indoor fan coil or furnace coil is used, an accessory bi-flow Puron TXV must be installed. See accessory list in this publication for correct part number.

WeatherArmor™ Protection

Package—This three-part protection system begins with the galvanized steel cabinet. Once coated with a layer of zinc phosphate, a modified polyester powder coating is then applied and baked on, providing each unit with a hard, smooth finish that will last for many years. Additionally, the coil protector, made of a coated steel wire grid with vertical 3/8 in.

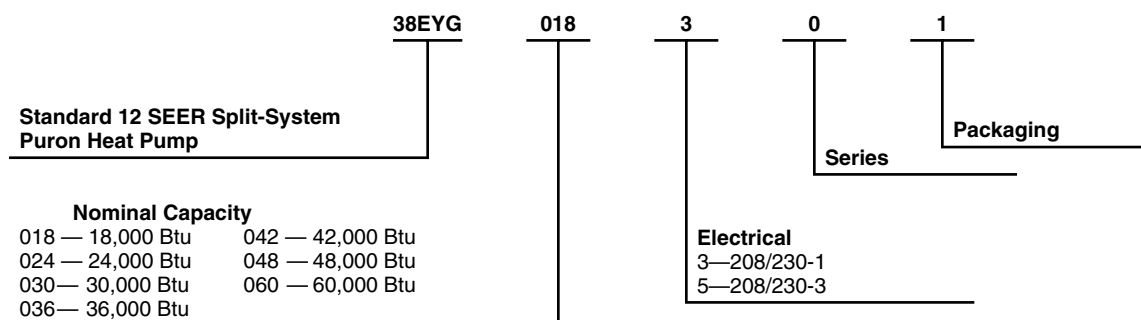
spacing, is designed to help protect the coil from inclement weather, vandalism and incidental damage. It provides protection while not restricting airflow and maintaining ease of coil cleaning. Finally, all screws on cabinet exterior are ceramic coated for a long-lasting, rust-resistant, quality appearance.

Unit Design—All units are equipped with totally enclosed fan motors for greater reliability under adverse weather conditions. The large, wraparound coil uses copper tube and enhanced aluminum fin and is designed for optimum heat transfer during heating and cooling. The vertical air discharge carries the sound and air up and away from adjacent patio areas and foliage. Coil can be cleaned with a common garden hose.

External Service Valves—Both service valves are brass, front seating type. Valves are externally located so refrigerant tube connections can be made quickly and easily. Each valve has a service port for ease of checking operating refrigerant pressures. The 38EYG has sweat field connections.

Limited Warranty—5-year limited warranty on parts, and a 5-year limited warranty on compressor.

Model number nomenclature



This heat pump can be part of a Comfort Heat Pump System which can provide higher heating supply air temperatures, as well as up to 30 times more humidity removal in cooling mode. A Comfort Heat Pump System requires the use of a Variable-Speed Fan Coil with Thermidistat Control.



CERTIFICATION APPLIES ONLY WHEN THE COMPLETE SYSTEM IS LISTED WITH ARI.



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



APPROVALS
ISO 9001
EN 29001
BS 5750 PART 1
ANSI/ASQC Q91

CERTIFICATE NO. FM 28768

REGISTERED
QUALITY SYSTEM

*Refer to the combination ratings in the Product Data Digest for system combinations meeting ENERGY STAR® efficiency standards.

Physical data

UNIT SIZE-SERIES	018-30	024-30	030-30	036-30, 50	042-30	048-30, 50	060-30, 50
OPERATING WEIGHT (Lb)	144	142	146	180	198	202	248
COMPRESSOR Type	Reciprocating	Scroll (ZP)					
REFRIGERANT Control		Puron (R-410A) Piston					
Charge (Lb) @ 15 Ft†	5.63	4.63	5.63	6.63	8.88	9.88	12.5
CONDENSER FAN Air Discharge		Propeller Type, Direct Drive Vertical					
Air Quantity (CFM)	1600	1900	2300	2800	3300	3300	3000
Motor HP	1/12	1/8	1/4	1/5	1/4	1/4	1/4
Motor RPM	1100	1125	1125	825	1100	1100	1100
CONDENSER COIL Face Area (Sq Ft)	12.42	10.76	14.07	Copper Tube, Aluminum Plate Fin			
Fins per In.	25	25	25	16.03	22.4	22.40	18.5
Rows	1	1	1	25	25	25	20
Circuits	2	2	3	1	1	1	2
				4	4	4	5
VALVE CONNECTION (In. ID)				Sweat			
Vapor	5/8	5/8	3/4	3/4	7/8	7/8	7/8
Liquid				3/8			

† Charge quantity is for 15 ft of interconnecting tubing. For tubing lengths other than 15 ft and/or 20 ft vertical differential, see Application Guideline and Service Manual—Air Conditioners and Heat Pumps Using Puron® Refrigerant, for additional refrigerant requirements.

NOTE: 1. See unit Installation Instructions for proper installation.

RECOMMENDED TUBE DIAMETERS

UNIT SIZE	LIQUID TUBE DIAMETER (IN.)	VAPOR TUBE DIAMETER (IN.)	
	0 to 50 Ft Tube Length	0 to 50 Ft Tube Length	0 to 50 Ft Alternate
18	3/8	5/8	5/8
024	3/8	5/8	3/4
030	3/8	3/4	5/8, 7/8
036	3/8	3/4	5/8, 7/8
042, 048	3/8	7/8	3/4
060	3/8	1-1/8	7/8

NOTES:

1. Tube diameters are for lengths up to 50 ft. For tubing lengths greater than 50 ft, consult the Application Guideline and Service Manual—Air Conditioners and Heat Pumps Using Puron® Refrigerant.
2. Refrigerant tubes and indoor coils must be evacuated to 500 microns to minimize contamination and moisture in the system.

METERING DEVICE

UNIT SIZE	SERIES	OUTDOOR PISTON	INDOOR TXV*	REQUIRED SUBCOOLING (°F)
018	30	40	KSATX0201PUR	12
024	30	46	KSATX0201PUR	10
030	30	52	KSATX0201PUR	11
036	30, 50	57	KSATX0301PUR	12
042	30	59	KSATX0301PUR	13
048	30, 50	63	KSATX0401PUR	16
060	30, 50	78	KSATX0501PUR	11

* TXV must be installed when indoor coil is not equipped with a Puron approved TXV. TXV listed is for any approved coil combination. All TXVs are Puron specific bi-flow, hard shutoff.

Accessories

ORDERING NUMBER	DESCRIPTION
KAATD0101TDR	Time-Delay Relay — All Sizes
KSALA0301410	Low-Ambient Pressure Switch Kit — All Sizes
KSALA0401AAA	Motor Master®—Low-Ambient Controller — All Sizes
HC34GE232 (RCD)	Ball-Bearing Fan Motor — Sizes 018, 024
HC40GE232 (RCD)	Ball-Bearing Fan Motor — Sizes 030, 042–060
HC38GE231 (RCD)	Ball-Bearing Fan Motor — Size 036
KAFT0101AAA	Evaporator Freeze Thermostat — All Sizes
KHAIR0101AAA	Isolation Relay — All Sizes
Standard	Start Capacitor and Relay — Size 018
KSAHS1501AAA	Start Capacitor and Relay — Sizes 024–042
KSAHS1601AAA	Start Capacitor and Relay — Sizes 048, 060
KAACS0201PTC	Start Assist — PTC — Size 024–060
KAACH1201AAA	Crankcase Heater — Sizes 024–042
Standard	Crankcase Heater — Sizes 018, 048, 060
KHAOT0301FST	Outdoor Thermostat — All Sizes
KHAOT0201SEC	Secondary Outdoor Thermostat — All Sizes
KSATX0201PUR‡	Puron® TXV (Hard Shutoff) — Sizes 018, 024, 030
KSATX0301PUR‡	Puron® TXV (Hard Shutoff) — Sizes 036, 042
KSATX0401PUR‡	Puron® TXV (Hard Shutoff) — Size 048
KSATX0501PUR‡	Puron® TXV (Hard Shutoff) — Size 060
KHALS0401LLS	Liquid-Line Solenoid Valve — All Sizes
KAACF1001MED	Coastal Filter — Sizes 018, 024, 030
KAACF1101LRG	Coastal Filter — Sizes 036–060
KSASH2001BRL	Sound Hood — Size 018
KSASH1801COP	Sound Hood — Sizes 024, 030
KSASH0601 COP	Sound Hood — Sizes 036–048
KSASH2101COP	Sound Hood — Size 060
KHAPG0101PGS	Pressure Guard™ Kit — Sizes 018, 024, 042, 048
KAAPG0201PGS	Pressure Guard™ Kit — Sizes 030, 036, 060
P165-0001 (RCD) (2 REQ'D/UNIT)	Unit Risers — All Sizes

‡ Must be applied on coils not equipped with Puron TXV.

THERMOSTAT/SUBBASE PKG	DESCRIPTION
TSTATCCPRH01-B*	Thermidistat™ Control — Non-Programmable/Programmable Thermostat with Humidity Control (For use in Dual Fuel, AC, HP, and 2S applications. Includes Outdoor Air Temperature Sensor.)
TSTATCCPDF01-B*	Dual Fuel Thermostat — Auto Changeover, 7-Day Programmable, °F/°C, Includes Outdoor Sensor (TSTATXXSEN01-B)
TSTATXXSEN01-B**	Outdoor Air Temperature Sensor
TSTATCCSHP01	Standard Programmable Thermostat—Manual Changeover, 5-2 Day Programmable, °F/°C, 1-Stage Heat/1-Stage Cool
TSTATCCPHP01-B	Thermostat — Auto Changeover, 7-Day Programmable, °F/°C, 2-Stage Heat, 1-Stage Cool
TSTATCCNHP01-B	Thermostat — Auto Changeover, Non-Programmable, °F/°C, 2-Stage Heat, 1-Stage Cool
TSTATCCBHP01*-B	Builder's Thermostat — Heat Pump, Non-Programmable, °F/°C, 2-Stage Heat, 1-Stage Cool, Manual Changeover
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
TSTATXXCNPV10‡	Thermostat Conversion Kit (4 to 5 Wire) — 10 Pack

* Do not use in zoning heat pump applications.

† This plate is designed to cover surrounding wall area located behind 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.

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

The outdoor air temperature sensor *must be* used with the dual fuel thermostat.

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

Accessory usage guideline

ACCESSORY	REQUIRED FOR LOW-AMBIENT APPLICATIONS (BELOW 55°F)	REQUIRED FOR LONG-LINE APPLICATIONS* (OVER 50 FT)
Crankcase Heater	Yes	Yes
Evaporator Freeze Thermostat	Yes	No
Compressor Start Assist — Capacitor and Relay	Yes	Yes
Puron Low Ambient Pressure Switch	Yes	No
Wind Baffle	See Low-Ambient Pressure Switch Instructions	No
Support Feet	Recommended	No
Puron Hard Shutoff TXV	Yes†	Yes†
Puron Liquid-Line Solenoid Valve for Heating	No	See Long-Line Application Guideline
Isolation Relay	Yes	No

* For tubing line sets between 50 and 175 ft and/or 20 ft elevation difference between indoor and outdoor units, refer to the Application Guideline and Service Manual—Air Conditioners and Heat Pumps Using Puron® Refrigerant.

† Required for all applications.

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 Motor Master®—Low-Ambient Controller is installed.

2. Coastal Filter

A mesh screen inserted under the top cover and inside the base pan to protect the condenser coil from salt damage without restricting airflow.

3. Compressor Start Assist — Capacitor and Relay

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

Note: Heat pumps with Puron-refrigerant and a reciprocating compressor have capacitor and relay factory supplied.

Usage Guideline:

Required for reciprocating compressors in the following applications:

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

Required for scroll compressors in the following applications:

- Long line
- Low ambient cooling

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

4. Compressor Start Assist — PTC Type

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

Usage Guideline:

Suggested in installations with marginal power supply.

5. 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.

Note: Some heat pumps are factory supplied with a crankcase heater. See accessory list for units that come standard with a crankcase heater. For units that do not, use the guideline below.

Usage Guideline:

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

6. Evaporator Freeze Thermostat

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

Usage Guideline:

Required when low ambient kit has been added.

7. 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.

8. 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 Application Guideline.

9. Low-Ambient Pressure Switch Kit

A long life pressure switch which is mounted to outdoor unit service valve. It is designed to cycle the outdoor fan motor in order to maintain head pressure within normal operating limits (approximately 200 psig to 365 psig). The control will maintain working head pressure at low-ambient temperatures down to 0°F (−17.8°C) when properly installed.

Usage Guideline:

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

Accessory description and usage (continued)

10. 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 $100^{\circ}\text{F} \pm 10^{\circ}\text{F}$ ($37.8^{\circ}\text{C} \pm 12^{\circ}\text{C}$).

Usage Guideline:

A Motor Master ®—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

11. Outdoor Air Temperature Sensor

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

Usage Guideline:

Suggested for all Carrier thermostats listed in this publication.

12. 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.

13. Pressure Guard Kit

A pressure switch kit that cycles the outdoor fan to limit the heating head pressure below a pre-determined pressure setting.

Usage Guideline:

Some local codes may require limiting the heating head pressure in the vapor line in some applications.

14. 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.

15. 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.

16. Snow Stand

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

Usage Guideline:

Suggested in the following applications:

Heat pump installations in heavy snowfall areas.

Heat pump installations in snowdrift locations.

Heat pump installations in areas of prolonged subfreezing temperatures.

All commercial installations.

17. 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:

Required in all heat pump applications designed with Puron refrigerant.

18. Time-Delay Relay

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

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

Usage Guideline:

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

Electrical data

UNIT SIZE-SERIES	V-PH	OPER VOLTS*		COMPR		FAN FLA	MCA	MIN WIRE SIZE 60°C/75°C**	MAX LENGTH (Ft) 60°C/75°C‡	MAX FUSE† OR CKT BKR AMPS
		Max	Min	LRA	RLA					
018-30	208-230-1	253	197	48.0	8.6	0.5	11.3	14/14	69/65	20
024-30				61.0	13.9	0.8	18.2	14/14	43/41	25
030-30				72.5	14.7	1.4	19.8	12/12	63/60	30
036-30				83.0	19.0	1.1	24.9	12/12	50/48	35
042-30				104.0	21.5	1.4	28.3	10/10	70/66	40
048-30				109.0	20.5	1.4	27.0	10/10	74/70	40
060-30				158.0	35.3	1.4	45.5	6/8	108/65	60
036-50	208-230-3	253	187	77.0	12.2	1.1	16.4	14/14	55/52	25
048-50				91.0	14.7	1.4	19.8	14/14	45/43	30
060-50				137.0	18.1	1.4	24.0	12/12	60/57	40

* Permissible limits of the voltage range at which unit will operate satisfactorily. Operation outside these limits may result in unit failure.

† Time-delay fuse or Circuit Breaker.

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

** 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 nonmetallic-sheathed cable (NM), trade name ROMEX, shall be that of 60°C (140°F) conductors, per the NEC (ANSI/NFPA 70) Article 336-26.

If other than uncoated (non-plated), 60° or 75°C (140° or 167°F) insulation, copper wire (solid wire for 10 AWG and smaller, stranded wire for larger than 10 AWG) is used, consult applicable tables of the NEC (ANSI/NFPA 70).

FLA — Full Load Amps

LRA — Locked Rotor Amps

MCA — Minimum Circuit Amps

RLA — Rated Load Amps

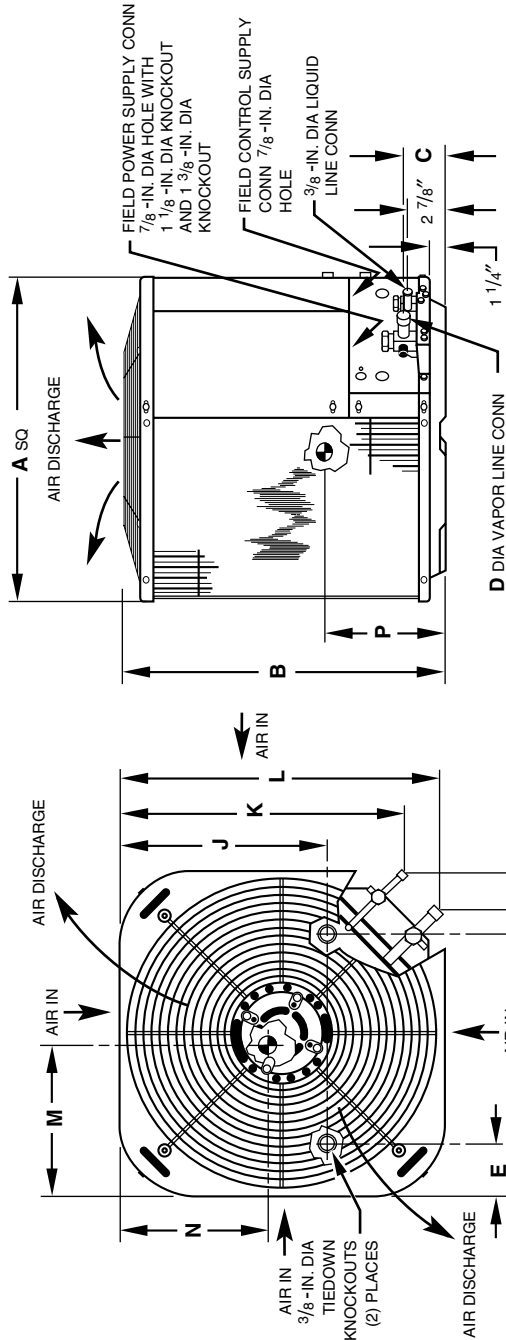
NOTE: Control circuit is 24v on all units and requires external power source. Copper wire must be used from service disconnect to unit. All motors/compressors contain internal overload protection.

A-weighted sound power (dBA)

UNIT SIZE	STANDARD RATING	TYPICAL OCTAVE BAND SPECTRUM (without tone adjustment)						
		125	250	500	1000	2000	4000	8000
018-30	76	48.0	57.0	63.0	71.0	68.0	65.0	57.5
024-30	76	52.0	62.0	67.0	68.5	66.0	61.5	55.5
030-30	76	55.5	62.0	66.5	71.0	69.0	65.5	57.5
036-30, 50	78	53.0	59.5	67.0	71.0	65.5	56.5	51.0
042-30	78	54.0	65.5	67.5	69.5	66.5	63.5	56.0
048-30, 50	78	54.5	63.0	67.0	71.0	67.5	65.5	57.0
060-30, 50	80	55.0	64.5	70.0	74.5	68.0	65.0	58.5

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

Dimensions



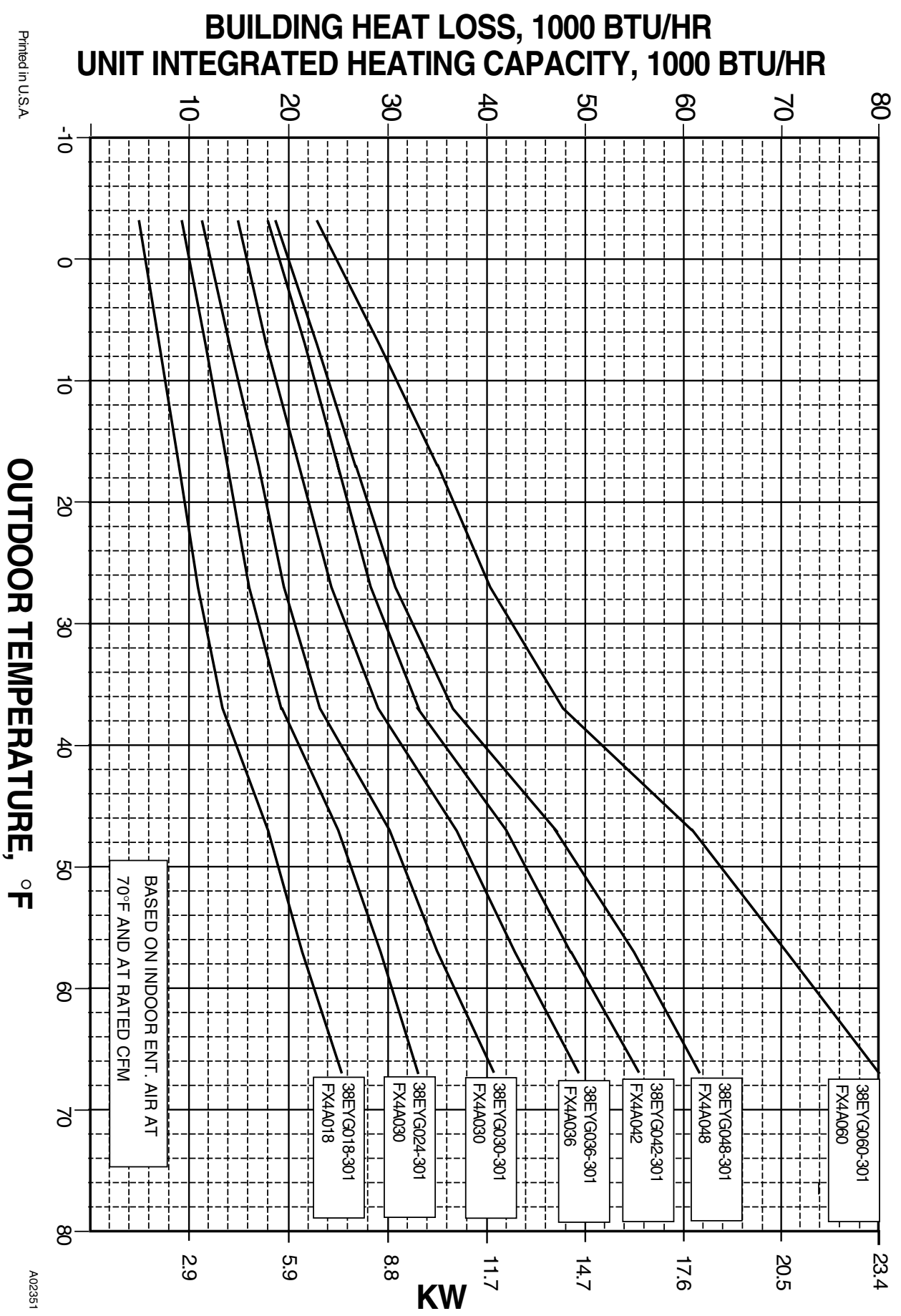
- NOTES:**
- 1. ALLOW 30" CLEARANCE TO SERVICE SIDE OF UNIT, 48" ABOVE UNIT, 6" ON ONE SIDE, 12" ON REMAINING SIDE, AND 24" BETWEEN UNITS FOR PROPER AIRFLOW.
 - 2. MINIMUM OUTDOOR OPERATING AMBIENT IN COOLING MODE IS 55°F, MAX. 125°F.
 - 3. MAXIMUM OUTDOOR OPERATING AMBIENT IN HEATING MODE IS 66°F.
 - 4. SERIES DESIGNATION IS THE 13TH POSITION OF THE UNIT MODEL NUMBER.
 - 5. CENTER OF GRAVITY

A99028

DIMENSIONS (IN.)

UNIT SIZE	SERIES	UNIT DIMENSIONS													MINIMUM MOUNTING PAD DIMENSIONS	
		A	B	C	D	E	F	G	H	J	K	L	M	N	P	
018	30	22-1/2	33-15/16	3-3/16	5/8	3-11/16	18-1/8	19-3/4	21-5/8	14-3/8	18-7/8	22-1/16	11	5	14-1/2	22-1/2 X 22-1/2
024	30	22-1/2	29-15/16	3-3/16	5/8	3-11/16	18-1/8	19-3/4	21-5/8	14-3/8	18-7/8	22-1/16	11	5	14	22-1/2 X 22-1/2
030	30	22-1/2	37-15/16	3-3/16	3/4	3-11/16	18-1/8	19-3/4	21-5/8	14-3/8	18-7/8	22-1/16	11	5	15	22-1/2 X 22-1/2
036	30, 50	30	29-15/16	3-3/16	3/4	6-1/2	23-1/2	27-1/4	29-1/8	20	26-3/8	29-9/16	16	14	12-1/2	30 X 30
042	30	30	39-15/16	3-1/4	7/8	6-1/2	23-1/2	27-1/4	29-1/8	20	26-3/8	29-9/16	16	15	15-1/2	30 X 30
048	30, 50	30	39-15/16	3-1/4	7/8	6-1/2	23-1/2	27-1/4	29-1/8	20	26-3/8	29-9/16	15	15-3/4	13	30 X 30
060	30, 50	30	33-15/16	3-1/4	1-1/8	6-1/2	23-1/2	27-1/4	29-1/8	20	26-3/8	29-9/16	13-3/4	15-5/8	15	30 X 30

38EYG BALANCE POINT WORKSHEET



Printed in U.S.A.

A02351

Combination ratings*

UNIT SIZE-SERIES	INDOOR UNIT	ARI STANDARD RATINGS*												
		Cooling							Heating					
		TC	Seasonal Efficiency SEER				EER	High-Temp		Low-Temp		HSPF		
			Factory-Supplied Enhancement	Standard Rating	Field-Supplied Accessory†									
Puron TXV	Puron TXV & TDR**	TDR			TC	COP	TC	COP						
018-30	*FX4(A,B)NF018	18,000	TDR & TXV	12.00	—	—	—	10.20	18,000	3.10	10,200	2.00	7.0	
	CC5A/CD5AA024	18,000	NONE	—	—	11.70	—	10.00	18,000	3.00	10,100	1.94	6.8	
	CC5A/CD5AW024	18,000	NONE	—	—	11.70	—	10.00	17,500	2.98	10,100	1.94	6.8	
	CE3AA024	18,000	NONE	—	—	11.70	—	10.05	18,000	3.04	10,200	1.96	6.9	
	CF5AA024	18,000	NONE	—	—	11.70	—	10.05	18,000	3.02	10,100	1.96	6.8	
	CK3BA024	18,000	NONE	—	—	12.00	—	10.15	18,000	3.18	10,300	2.00	7.0	
	CK5A/CK5BA024	18,000	NONE	—	—	12.00	—	10.15	18,000	3.18	10,300	2.00	7.0	
	CK5A/CK5BW024	18,000	NONE	—	—	12.00	—	10.15	18,000	3.18	10,300	2.00	7.0	
	CK5PA024	18,000	TXV	—	—	—	12.00	10.15	18,000	3.18	10,300	2.00	7.0	
	CK5PA030	18,000	TXV	—	—	—	11.50	10.20	18,000	3.04	10,300	2.00	6.8	
	CK5PW024	18,000	TXV	—	—	—	12.00	10.15	18,000	3.18	10,300	2.00	7.0	
	CK5PW030	18,000	TXV	—	—	—	11.50	10.20	18,000	3.04	10,300	2.00	6.8	
	F(A,B)4(A,B)N(F,C)024	18,000	TDR	—	12.00	—	—	10.20	18,000	3.14	10,200	2.00	7.0	
	FC4(B,C)NF024	18,000	TDR & TXV	—	12.00	—	—	10.20	18,000	3.14	10,200	2.00	7.0	
	FF1DNA024	18,000	TDR	—	11.90	—	—	10.10	18,000	3.12	10,200	1.98	7.0	
	FG3AAA024	18,000	NONE	—	—	11.50	—	9.90	17,600	2.96	10,100	1.94	6.8	
	FK4(C,D)NF002	18,000	TDR & TXV	—	13.50	—	—	11.45	17,000	3.26	9,700	2.14	7.3	
	FV4(A,B)NF002	18,000	TDR & TXV	13.50	—	—	—	11.45	17,000	3.26	9,700	2.14	7.3	
	COILS + 58CV(A,X)070-12 VARIABLE SPEED FURNACE													
	CC5A/CD5AA024	18,000	TDR	—	12.50	—	—	—	10.90	17,100	3.06	9,400	2.04	7.0
	CC5A/CD5AW024	18,000	TDR	—	12.50	—	—	—	10.90	17,100	3.06	9,400	2.04	7.0
	CE3AA024	18,000	TDR	—	12.70	—	—	—	11.00	17,300	3.10	9,500	2.06	7.0
	CK3BA024	18,000	TDR	—	13.00	—	—	—	11.15	17,800	3.26	9,600	2.10	7.2
	CK5A/CK5BA024	18,000	TDR	—	13.00	—	—	—	11.15	17,800	3.26	9,600	2.10	7.2
	CK5A/CK5BW024	18,000	TDR	—	13.00	—	—	—	11.15	17,800	3.26	9,600	2.10	7.2
	CK5PA024	18,000	TDR & TXV	13.00	—	—	—	—	11.15	17,800	3.26	9,600	2.10	7.2
	CK5PA030	18,000	TDR & TXV	12.50	—	—	—	—	11.10	17,000	3.12	9,500	2.08	7.0
	CK5PW024	18,000	TDR & TXV	13.00	—	—	—	—	11.15	17,800	3.26	9,600	2.10	7.2
	CK5PW030	18,000	TDR & TXV	12.80	—	—	—	—	11.15	17,000	3.12	9,500	2.08	7.0
	COILS + 58CV(A,X)090-16 VARIABLE SPEED FURNACE													
	CK5PA024	18,000	TDR & TXV	12.50	—	—	—	—	11.10	17,200	3.22	9,600	2.08	7.0
	CK5PA030	18,000	TDR & TXV	13.00	—	—	—	—	11.15	17,000	3.14	9,500	2.08	7.0
	CK5PW024	18,000	TDR & TXV	12.50	—	—	—	—	11.10	17,200	3.22	9,600	2.10	7.0
	CK5PW030	18,000	TDR & TXV	13.00	—	—	—	—	11.20	17,000	3.14	9,400	2.08	7.0
	COILS + 58MVP040-14 VARIABLE SPEED FURNACE													
	CE3AA024	18,000	TDR	—	12.50	—	—	—	10.95	16,800	3.06	9,400	2.04	6.8
	COILS + 58MVP060-14 VARIABLE SPEED FURNACE													
	CC5A/CD5AA024	18,000	TDR	—	12.70	—	—	—	10.95	17,500	3.16	9,700	2.06	7.0
	CC5A/CD5AW024	18,000	TDR	—	12.70	—	—	—	10.95	17,500	3.16	9,700	2.06	7.0
	CE3AA024	18,000	TDR	—	13.00	—	—	—	11.00	17,800	3.20	9,800	2.08	7.1
	CK3BA024	18,000	TDR	—	13.00	—	—	—	11.10	18,000	3.36	9,900	2.12	7.2
	CK5A/CK5BA024	18,000	TDR	—	13.00	—	—	—	11.10	18,000	3.36	9,900	2.12	7.2
	CK5A/CK5BW024	18,000	TDR	—	13.00	—	—	—	11.10	18,000	3.36	9,900	2.12	7.2
	CK5PA024	18,000	TDR & TXV	13.00	—	—	—	—	11.10	18,000	3.36	9,900	2.12	7.2
CK5PA030	18,000	TDR & TXV	12.50	—	—	—	—	11.15	17,000	3.14	9,600	2.08	7.0	
CK5PW024	18,000	TDR & TXV	13.00	—	—	—	—	11.10	18,000	3.36	9,900	2.12	7.2	
CK5PW030	18,000	TDR & TXV	13.00	—	—	—	—	11.15	17,000	3.14	9,500	2.08	7.0	
COILS + 58MVP080-14 VARIABLE SPEED FURNACE														
CC5A/CD5AW024	18,000	TDR	—	12.80	—	—	—	11.00	17,500	3.16	9,600	2.06	7.0	
CE3AA024	18,000	TDR	—	13.00	—	—	—	10.95	17,700	3.20	9,800	2.06	7.1	
CK3BA024	18,000	TDR	—	13.00	—	—	—	11.15	17,000	3.22	9,500	2.10	7.0	
CK5A/CK5BW024	18,000	TDR	—	13.00	—	—	—	11.10	17,200	3.22	9,600	2.08	7.0	
CK5PW024	18,000	TDR & TXV	12.50	—	—	—	—	11.10	17,200	3.22	9,600	2.08	7.0	
CK5PW030	18,000	TDR & TXV	13.00	—	—	—	—	11.20	17,000	3.14	9,500	2.08	7.0	
024-30	*FX4(A,B)NF030	24,000	TDR & TXV	12.00	—	—	—	9.75	25,000	3.26	15,400	2.20	7.3	
	CC5A/CD5AA036	24,000	NONE	—	—	11.70	—	9.65	25,000	3.20	15,400	2.18	7.0	
	CC5A/CD5AW036	24,000	NONE	—	—	11.70	—	9.65	25,000	3.20	15,400	2.18	7.0	
	CE3AA024	23,200	NONE	—	—	11.50	—	9.45	24,000	3.02	15,800	2.14	6.8	
	CE3AA030	23,400	NONE	—	—	11.50	—	9.55	23,600	2.96	15,800	2.18	6.8	
	CE3AA036	24,000	NONE	—	—	11.70	—	9.60	25,000	3.14	15,400	2.16	7.0	
	CF5AA036	24,000	NONE	—	—	11.70	—	9.60	25,000	3.18	15,400	2.16	7.0	
	CK3BA030	23,400	NONE	—	—	11.50	—	9.55	22,400	2.84	15,800	2.18	6.8	
	CK3BA036	24,000	NONE	—	—	12.00	—	9.70	25,000	3.26	15,500	2.20	7.0	
	CK5A/CK5BA036	24,000	NONE	—	—	12.00	—	9.70	25,000	3.26	15,500	2.20	7.0	
	CK5A/CK5BW036	24,000	NONE	—	—	12.00	—	9.70	25,000	3.26	15,500	2.20	7.0	
	CK5PA030	23,600	TXV	—	—	—	11.50	9.55	22,400	2.84	15,800	2.18	6.8	
	CK5PA036	24,000	TXV	—	—	—	12.00	9.70	25,000	3.26	15,500	2.20	7.0	
	CK5PW036	24,000	TXV	—	—	—	12.00	9.70	25,000	3.26	15,500	2.20	7.0	
	F(A,B)4(A,B)N(F,C)030	23,400	TDR	—	11.70	—	—	9.60	25,000	3.14	15,300	2.16	7.0	
	F(A,B)4(A,B)N(F,C)036	24,000	TDR	—	11.50	—	—	9.40	25,000	3.16	15,600	2.14	7.0	

See notes on pg. 19.

Combination ratings* continued

UNIT SIZE-SERIES	INDOOR UNIT	ARI STANDARD RATINGS*											
		Cooling							Heating				
		TC	Seasonal Efficiency SEER				EER	High-Temp		Low-Temp		HSPF	
			Factory-Supplied Enhancement	Standard Rating	Field-Supplied Accessory†								
Puron TXV	Puron TXV & TDR**	TDR			TC	COP	TC	COP					
024-30	FC4(B,C)NF030	23,400	TDR & TXV	—	11.70	—	—	9.60	25,000	3.14	15,300	2.16	7.0
	FC4(B,C)NF036	24,000	TDR & TXV	—	11.50	—	—	9.40	25,000	3.16	15,300	2.14	7.0
	FF1DNA030	23,400	TDR	—	11.50	—	—	9.50	25,000	3.18	15,500	2.16	7.0
	FG3AAA036	23,400	NONE	—	—	11.50	—	9.55	25,000	3.12	15,400	2.14	7.0
	FK4(C,D)NF001	24,000	TDR & TXV	—	13.00	—	—	10.50	24,600	3.26	14,800	2.24	7.2
	FK4(C,D)NF002	24,000	TDR & TXV	—	13.00	—	—	10.55	24,600	3.38	14,900	2.30	7.5
	FV4(A,B)NF002	24,000	TDR & TXV	13.00	—	—	—	10.55	24,600	3.38	14,900	2.30	7.5
	COILS + 58CV(A,X)070-12 VARIABLE SPEED FURNACE												
	CE3AA036	24,000	TDR	—	13.00	—	—	10.50	24,000	3.12	14,700	2.22	7.0
	CK3BA036	24,000	TDR	—	13.00	—	—	10.65	24,000	3.28	14,800	2.30	7.2
	CK5A/CK5BA036	24,000	TDR	—	13.00	—	—	10.65	24,000	3.28	14,800	2.30	7.2
	CK5A/CK5BT036	24,000	TDR	—	13.00	—	—	10.65	24,000	3.28	14,800	2.30	7.2
	CK5PA036	24,000	TDR & TXV	13.00	—	—	—	10.65	24,000	3.26	14,800	2.30	7.2
	CK5PT036	24,000	TDR & TXV	13.00	—	—	—	10.65	24,000	3.28	14,800	2.30	7.2
	COILS + 58MVP040-14 VARIABLE SPEED FURNACE												
	CE3AA030	23,400	TDR	—	12.50	—	—	10.35	23,600	3.08	15,100	2.24	7.0
	COILS + 58MVP060-14 VARIABLE SPEED FURNACE												
	CE3AA030	23,400	TDR	—	12.50	—	—	10.40	23,600	3.08	15,000	2.24	7.0
	CC5A/CD5AA036	24,000	TDR	—	13.00	—	—	10.55	23,000	3.18	14,000	2.16	7.0
	CK3BA030	23,400	TDR	—	12.80	—	—	10.45	23,000	3.02	15,000	2.24	6.8
	CK5A/CK5BA030	23,400	TDR	—	12.50	—	—	10.40	23,000	3.00	15,000	2.24	6.8
	CK5A/CK5BW030	23,400	TDR	—	12.70	—	—	10.45	22,600	2.98	15,000	2.24	6.8
	CK5PA030	23,400	TDR & TXV	12.50	—	—	—	10.40	23,000	3.00	15,100	2.24	6.8
	CK5PW030	23,400	TDR & TXV	12.70	—	—	—	10.45	23,000	3.02	15,000	2.24	6.8
	COILS + 58MVP080-14 VARIABLE SPEED FURNACE												
	CE3AA030	23,400	TDR	—	12.50	—	—	10.35	23,600	3.08	15,100	2.24	7.0
	CK3BA030	23,400	TDR	—	12.80	—	—	10.45	23,000	3.02	15,000	2.24	6.8
	CK5A/CK5BW030	23,400	TDR	—	12.50	—	—	10.40	22,600	2.98	15,100	2.24	6.8
	CK5PW030	23,400	TDR & TXV	12.50	—	—	—	10.40	22,800	3.00	15,100	2.24	6.8
	COILS + 58MVP080-20 VARIABLE SPEED FURNACE												
	CE3AA030	23,400	TDR	—	12.50	—	—	10.40	23,600	3.08	15,000	2.24	7.0
	CK3BA030	23,400	TDR	—	12.80	—	—	10.45	23,000	3.02	15,000	2.24	6.8
	CK5A/CK5BW030	23,400	TDR	—	12.70	—	—	10.40	22,800	3.02	15,000	2.24	6.8
	CK5PW030	23,400	TDR & TXV	12.70	—	—	—	10.40	22,800	3.00	15,000	2.24	6.8
	COILS + 58MVP100-20 VARIABLE SPEED FURNACE												
	CE3AA030	23,400	TDR	—	12.50	—	—	10.40	23,600	3.10	15,100	2.24	7.0
	CK3BA030	23,600	TDR	—	12.80	—	—	10.50	23,000	3.02	15,000	2.26	6.8
	CK5A/CK5BW030	23,600	TDR	—	12.70	—	—	10.45	22,800	3.02	15,100	2.24	6.8
	CK5PW030	23,600	TDR & TXV	12.70	—	—	—	10.45	22,800	3.02	15,100	2.26	6.8
	COILS + 58MVP120-20 VARIABLE SPEED FURNACE												
	CE3AA030	23,200	TDR	—	12.50	—	—	10.35	24,000	3.06	15,000	2.22	6.8
030-30	*FX4(A,B)NF030	28,000	TDR & TXV	12.00	—	—	—	10.20	30,000	3.40	18,700	2.32	7.8
	CC5A/CD5AA036	28,000	NONE	—	—	12.00	—	10.15	30,000	3.36	18,700	2.30	7.5
	CC5A/CD5AW036	28,000	NONE	—	—	12.00	—	10.15	30,000	3.36	18,700	2.30	7.5
	CE3AA036	28,000	NONE	—	—	11.80	—	10.05	30,000	3.28	18,700	2.28	7.5
	CF5AA036	28,000	NONE	—	—	11.80	—	10.10	30,000	3.22	18,700	2.28	7.5
	CK3BA036	28,000	NONE	—	—	11.80	—	10.20	30,000	3.40	18,800	2.32	7.8
	CK5A/CK5BA036	28,000	NONE	—	—	12.00	—	10.20	30,000	3.40	18,800	2.32	7.8
	CK5A/CK5BW036	28,000	NONE	—	—	11.80	—	10.20	30,000	3.40	18,800	2.32	7.8
	CK5PA036	28,000	TXV	—	—	—	12.00	10.20	30,000	3.40	18,800	2.32	7.8
	CK5PW036	28,000	TXV	—	—	—	11.80	10.20	30,000	3.40	18,800	2.32	7.8
	F(A,B)4(A,B)N(F,C)036	28,000	TDR	—	11.50	—	—	9.90	30,000	3.30	18,900	2.26	7.5
	FC4(B,C)NF036	28,000	TDR & TXV	—	11.50	—	—	9.90	30,000	3.30	18,900	2.26	7.5
	FG3AAA036	28,000	NONE	—	—	11.50	—	10.00	30,000	3.28	17,800	2.26	7.5
	FK4(C,D)NF002	28,000	TDR & TXV	—	13.00	—	—	11.05	29,000	3.52	18,000	2.40	8.0
	FK4(C,D)NF003	28,000	TDR & TXV	—	13.50	—	—	11.35	29,000	3.52	17,800	2.42	8.0
	FV4(A,B)NF002	28,000	TDR & TXV	13.00	—	—	—	11.05	29,000	3.52	18,000	2.40	8.0
	FV4(A,B)NF003	28,000	TDR & TXV	13.50	—	—	—	11.40	29,000	3.54	17,800	2.44	8.0
	COILS + 58CV(A,X)070-12 VARIABLE SPEED FURNACE												
	CC5A/CD5AA036	28,000	TDR	—	13.00	—	—	11.05	29,000	3.34	17,800	2.34	7.7
	CE3AA036	28,000	TDR	—	13.00	—	—	10.90	29,000	3.28	17,800	2.32	7.6
	CK3BA036	28,000	TDR	—	13.00	—	—	11.10	29,000	3.44	17,900	2.38	7.8
	CK5A/CK5BA036	28,000	TDR	—	13.00	—	—	11.10	29,000	3.44	17,900	2.38	7.8
	CK5A/CK5BT036	28,000	TDR	—	13.00	—	—	11.10	29,000	3.44	17,900	2.38	7.8
	CK5PA036	28,000	TDR & TXV	13.00	—	—	—	11.10	29,000	3.44	17,900	2.38	7.8
	CK5PT036	28,000	TDR & TXV	13.00	—	—	—	11.10	29,000	3.44	17,900	2.38	7.8
	COILS + 58CV(A,X)090-16 VARIABLE SPEED FURNACE												
	CC5A/CD5AA036	28,000	TDR	—	13.00	—	—	11.20	29,000	3.36	17,700	2.36	7.7
	CC5A/CD5AW036	28,000	TDR	—	13.00	—	—	11.20	29,000	3.36	17,700	2.36	7.7
	CE3AA036	28,000	TDR	—	13.00	—	—	11.10	29,000	3.32	17,700	2.34	7.6

See notes on pg. 19.

Combination ratings* continued

UNIT SIZE-SERIES	INDOOR UNIT	ARI STANDARD RATINGS*											
		Cooling							Heating				
		TC	Seasonal Efficiency SEER				EER	High-Temp		Low-Temp		HSPF	
			Factory-Supplied Enhancement	Standard Rating	Field-Supplied Accessory‡								
Puron TXV	Puron TXV & TDR**	TDR			TC	COP	TC	COP					
030-30	CK3BA036	28,000	TDR	—	13.00	—	—	11.25	29,000	3.48	17,800	2.40	7.8
	CK5A/CK5BA036	28,000	TDR	—	13.00	—	—	11.25	29,000	3.48	17,800	2.40	7.8
	CK5A/CK5BW036	28,000	TDR	—	13.00	—	—	11.25	29,000	3.48	17,800	2.40	7.8
	CK5PA036	28,000	TDR & TXV	13.00	—	—	—	11.25	29,000	3.48	17,800	2.40	7.8
	CK5PT036	28,000	TDR & TXV	13.00	—	—	—	11.25	29,000	3.48	17,800	2.40	7.8
	CK5PW036	28,000	TDR & TXV	13.00	—	—	—	11.25	29,000	3.48	17,800	2.40	7.8
	COILS + 58MVP040-14 VARIABLE SPEED FURNACE												
	CC5A/CD5AW036	28,000	TDR	—	13.00	—	—	11.30	28,600	3.38	17,700	2.34	7.6
	CE3AA036	27,600	TDR	—	13.00	—	—	11.15	29,000	3.32	17,700	2.32	7.6
	CK5A/CK5BW036	28,000	TDR	—	13.00	—	—	11.35	28,800	3.46	17,800	2.38	7.7
	CK5PW036	28,000	TDR & TXV	13.00	—	—	—	11.35	28,800	3.46	17,800	2.38	7.7
	COILS + 58MVP060-14 VARIABLE SPEED FURNACE												
	CC5A/CD5AW036	28,000	TDR	—	13.00	—	—	11.35	28,600	3.38	17,700	2.34	7.6
	CE3AA036	27,600	TDR	—	13.00	—	—	11.20	28,400	3.30	17,600	2.32	7.5
	CK3BA036	28,000	TDR	—	13.00	—	—	11.35	28,800	3.46	17,800	2.38	7.7
	CK5A/CK5BA036	28,000	TDR	—	13.00	—	—	11.35	28,800	3.46	17,800	2.38	7.7
	CK5A/CK5BT036	28,000	TDR	—	13.00	—	—	11.35	28,800	3.46	17,800	2.38	7.7
	CK5A/CK5BW036	28,000	TDR	—	13.00	—	—	11.40	28,800	3.46	17,800	2.38	7.7
	CK5PA036	28,000	TDR & TXV	13.00	—	—	—	11.35	28,800	3.46	17,800	2.38	7.7
	CK5PT036	28,000	TDR & TXV	13.00	—	—	—	11.35	29,000	3.46	17,800	2.38	7.7
	CK5PW036	28,000	TDR & TXV	13.00	—	—	—	11.40	28,800	3.46	17,800	2.38	7.7
	COILS + 58MVP080-14 VARIABLE SPEED FURNACE												
	CC5A/CD5AA036	28,000	TDR	—	13.00	—	—	11.30	28,800	3.40	17,700	2.34	7.6
	CC5A/CD5AW036	28,000	TDR	—	13.00	—	—	11.35	28,600	3.40	17,700	2.36	7.6
	CE3AA036	27,800	TDR	—	13.00	—	—	11.20	28,600	3.32	17,700	2.32	7.6
	CK3BA036	28,000	TDR	—	13.00	—	—	11.30	28,800	3.46	17,800	2.38	7.7
	CK5A/CK5BA036	28,000	TDR	—	13.00	—	—	11.30	28,800	3.46	17,800	2.38	7.7
	CK5A/CK5BT036	28,000	TDR	—	13.00	—	—	11.30	28,800	3.46	17,800	2.38	7.7
	CK5A/CK5BW036	28,000	TDR	—	13.00	—	—	11.35	28,800	3.48	17,800	2.40	7.7
	CK5PA036	28,000	TDR & TXV	13.00	—	—	—	11.30	28,800	3.46	17,800	2.38	7.7
	CK5PT036	28,000	TDR & TXV	13.00	—	—	—	11.30	28,800	3.46	17,800	2.38	7.7
	CK5PW036	28,000	TDR & TXV	13.00	—	—	—	11.35	28,800	3.48	17,800	2.40	7.7
	COILS + 58MVP080-20 VARIABLE SPEED FURNACE												
	CC5A/CD5AA036	28,000	TDR	—	13.00	—	—	11.30	28,600	3.38	17,700	2.34	7.6
	CC5A/CD5AW036	28,000	TDR	—	13.00	—	—	11.35	28,600	3.38	17,700	2.36	7.6
	CE3AA036	27,800	TDR	—	13.00	—	—	11.20	28,600	3.32	17,700	2.32	7.5
	CK3BA036	28,000	TDR	—	13.00	—	—	11.35	28,800	3.46	17,800	2.38	7.7
	CK5A/CK5BA036	28,000	TDR	—	13.00	—	—	11.35	28,800	3.46	17,800	2.38	7.7
	CK5A/CK5BT036	28,000	TDR	—	13.00	—	—	11.35	28,800	3.46	17,800	2.38	7.7
	CK5A/CK5BW036	28,000	TDR	—	13.00	—	—	11.40	29,000	3.46	17,800	2.40	7.7
	CK5PA036	28,000	TDR & TXV	13.00	—	—	—	11.35	28,800	3.46	17,800	2.38	7.7
	CK5PT036	28,000	TDR & TXV	13.00	—	—	—	11.35	29,000	3.46	17,800	2.38	7.7
	CK5PW036	28,000	TDR & TXV	13.00	—	—	—	11.40	28,800	3.46	17,800	2.38	7.7
	COILS + 58MVP100-20 VARIABLE SPEED FURNACE												
	CC5A/CD5AA036	28,000	TDR	—	13.00	—	—	11.35	28,600	3.40	17,300	2.32	7.6
	CC5A/CD5AW036	28,000	TDR	—	13.20	—	—	11.40	28,600	3.40	17,700	2.36	7.6
	CE3AA036	27,800	TDR	—	13.00	—	—	11.25	28,400	3.32	17,600	2.34	7.5
	CK3BA036	28,000	TDR	—	13.20	—	—	11.40	28,800	3.48	17,800	2.40	7.7
	CK5A/CK5BA036	28,000	TDR	—	13.20	—	—	11.40	28,800	3.48	17,800	2.40	7.7
	CK5A/CK5BT036	28,000	TDR	—	13.20	—	—	11.40	28,800	3.48	17,800	2.40	7.7
	CK5A/CK5BW036	28,000	TDR	—	13.20	—	—	11.45	28,800	3.48	17,800	2.40	7.8
	CK5PA036	28,000	TDR & TXV	13.20	—	—	—	11.40	28,800	3.48	17,800	2.40	7.7
	CK5PT036	28,000	TDR & TXV	13.20	—	—	—	11.40	28,800	3.48	17,800	2.40	7.7
	CK5PW036	28,000	TDR & TXV	13.20	—	—	—	11.45	28,800	3.48	17,800	2.40	7.8
	COILS + 58MVP120-20 VARIABLE SPEED FURNACE												
	CC5A/CD5AW036	28,000	TDR	—	13.20	—	—	11.45	28,600	3.38	17,600	2.36	7.6
	CE3AA036	27,600	TDR	—	13.00	—	—	11.30	28,400	3.30	17,600	2.32	7.5
	CK5A/CK5BW036	28,000	TDR	—	13.20	—	—	11.45	28,800	3.46	17,700	2.40	7.7
	CK5PW036	28,000	TDR & TXV	13.20	—	—	—	11.45	28,800	3.46	17,700	2.40	7.7
036-30, 50	*FX4(A,B)NF036	34,000	TDR & TXV	12.00	—	—	—	10.20	37,000	3.46	23,200	2.42	7.8
	CC5A/CD5AA042	33,400	NONE	—	—	12.00	—	10.30	37,000	3.40	23,000	2.42	7.8
	CC5A/CD5AC048	33,000	NONE	—	—	12.00	—	10.25	35,000	3.18	22,400	2.32	7.3
	CC5A/CD5AW042	33,400	NONE	—	—	12.00	—	10.25	37,000	3.36	23,000	2.40	7.8
	CC5A/CD5AW048	34,000	NONE	—	—	12.00	—	10.35	37,000	3.44	23,200	2.42	7.8
	CD5AA048	34,000	NONE	—	—	12.20	—	10.35	37,000	3.44	23,200	2.44	7.8
	CE3AA042	33,600	NONE	—	—	12.20	—	10.35	37,000	3.46	23,200	2.44	7.8
	CE3AA048	34,000	NONE	—	—	12.20	—	10.40	37,000	3.50	23,200	2.46	7.8
	CF5AA048	34,000	NONE	—	—	12.00	—	10.35	37,000	3.42	23,200	2.42	7.8
	CK3BA042	33,600	NONE	—	—	12.00	—	10.35	37,000	3.46	23,200	2.44	7.8
	CK3BA048	34,000	NONE	—	—	12.20	—	10.40	37,000	3.52	23,200	2.46	7.8
	CK5A/CK5BA042	33,400	NONE	—	—	12.00	—	10.35	37,000	3.46	23,200	2.44	7.8
	CK5A/CK5BA048	34,000	NONE	—	—	12.20	—	10.40	37,000	3.46	23,200	2.44	7.8

See notes on pg. 19.

Combination ratings* continued

UNIT SIZE-SERIES	INDOOR UNIT	ARI STANDARD RATINGS*												
		Cooling							Heating					
		TC	Seasonal Efficiency SEER				EER	High-Temp		Low-Temp		HSPF		
			Factory-Supplied Enhancement	Standard Rating	Field-Supplied Accessory†									
Puron TXV	Puron TXV & TDR**	TDR			TC	COP	TC	COP						
036-30, 50	CK5A/CK5BE042	33,000	NONE	—	—	12.00	—	10.40	35,000	3.52	23,200	2.46	7.6	
	CK5A/CK5BT042	33,400	NONE	—	—	12.00	—	10.35	37,000	3.46	23,200	2.44	7.8	
	CK5A/CK5BT048	34,000	NONE	—	—	12.20	—	10.40	37,000	3.52	23,200	2.46	7.8	
	CK5A/CK5BW048	34,000	NONE	—	—	12.20	—	10.40	37,000	3.52	23,200	2.46	7.8	
	CK5PA042	33,400	TXV	—	—	—	12.00	10.35	37,000	3.46	23,200	2.44	7.8	
	CK5PA048	34,000	TXV	—	—	—	12.20	10.40	37,000	3.46	23,200	2.44	7.8	
	CK5PE042	33,000	TXV	—	—	—	12.00	10.40	35,000	3.52	23,200	2.46	7.6	
	CK5PT042	33,400	TXV	—	—	—	12.00	10.35	37,000	3.46	23,200	2.44	7.8	
	CK5PT048	34,000	TXV	—	—	—	12.20	10.40	37,000	3.52	23,200	2.46	7.8	
	CK5PW048	34,000	TXV	—	—	—	12.20	10.40	37,000	3.52	23,200	2.46	7.8	
	F(A,B)4(A,B)N(F,B,C)042	33,600	TDR	—	12.00	—	—	10.20	37,000	3.42	23,200	2.40	7.8	
	F(A,B)4(A,B)N(F,B,C)048	34,000	TDR	—	12.00	—	—	10.20	37,400	3.52	23,600	2.44	8.0	
	FC4(B,C)N(F,B)042	33,600	TDR & TXV	—	12.00	—	—	10.20	37,000	3.42	23,200	2.40	7.8	
	FC4(B,C)N(F,B)048	34,000	TDR & TXV	—	12.00	—	—	10.20	37,400	3.52	23,600	2.44	8.0	
	FG3AAA048	34,000	NONE	—	—	12.20	—	10.35	37,000	3.48	22,000	2.44	7.8	
	FK4(C,D)NF003	34,000	TDR & TXV	—	13.50	—	—	11.35	35,600	3.50	22,000	2.52	8.0	
	FK4(C,D)NF005	35,000	TDR & TXV	—	14.00	—	—	11.75	36,400	3.80	22,200	2.64	8.5	
	FK4DNF002	34,000	TDR & TXV	—	13.00	—	—	11.30	36,000	3.56	24,400	2.58	8.0	
	FV4(A,B)NF003	34,000	TDR & TXV	13.50	—	—	—	11.35	35,400	3.54	22,000	2.52	8.0	
	FV4(A,B)NF005	35,000	TDR & TXV	14.00	—	—	—	11.75	36,400	3.80	22,200	2.44	8.5	
	FV4BNF002	34,000	TDR & TXV	13.00	—	—	—	11.30	36,000	3.58	24,400	2.58	8.0	
	FX4(A,B)NF042	34,400	TDR & TXV	12.20	—	—	—	10.35	37,000	3.56	23,400	2.46	8.0	
	COILS + 58CV(A,X)070-12 VARIABLE SPEED FURNACE													
	CE3AA042	33,400	TDR	—	13.00	—	—	11.25	35,000	3.46	22,000	2.50	8.0	
	CK5A/CK5BE042	33,400	TDR	—	13.00	—	—	11.30	35,000	3.54	22,200	2.54	8.0	
	CK5PE042	33,400	TDR & TXV	13.00	—	—	—	11.30	35,000	3.54	22,200	2.54	8.0	
	COILS + 58CV(A,X)090-16 VARIABLE SPEED FURNACE													
	CC5A/CD5AA042	33,400	TDR	—	13.00	—	—	11.45	35,000	3.44	21,800	2.50	7.8	
	CC5A/CD5AC048	33,400	TDR	—	13.50	—	—	11.45	35,000	3.32	21,600	2.46	7.6	
	CD5AA048	33,400	TDR	—	13.50	—	—	11.55	35,000	3.54	21,800	2.52	8.0	
	CE3AA042	33,400	TDR	—	13.00	—	—	11.45	35,000	3.50	22,000	2.52	8.0	
	CE3AA048	33,400	TDR	—	13.50	—	—	11.50	35,000	3.54	22,000	2.54	8.0	
	CK3BA042	33,400	TDR	—	13.00	—	—	11.45	35,000	3.54	22,000	2.54	8.0	
	CK3BA048	33,400	TDR	—	13.50	—	—	11.55	35,000	3.60	22,000	2.56	8.0	
	CK5A/CK5BA042	33,400	TDR	—	13.00	—	—	11.45	35,000	3.54	22,000	2.54	8.0	
	CK5A/CK5BA048	33,400	TDR	—	13.50	—	—	11.55	35,000	3.60	22,000	2.56	8.0	
	CK5A/CK5BE042	33,400	TDR	—	13.00	—	—	11.50	35,000	3.58	22,000	2.56	8.0	
	CK5A/CK5BT042	33,400	TDR	—	13.00	—	—	11.45	35,000	3.54	22,000	2.54	8.0	
	CK5A/CK5BT048	33,400	TDR	—	13.50	—	—	11.55	35,000	3.60	22,000	2.56	8.0	
	CK5PA042	33,400	TDR & TXV	13.00	—	—	—	11.45	35,000	3.54	22,000	2.54	8.0	
	CK5PA048	33,400	TDR & TXV	13.50	—	—	—	11.55	35,000	3.60	22,000	2.56	8.0	
	CK5PE042	33,400	TDR & TXV	13.00	—	—	—	11.50	35,000	3.58	22,000	2.56	8.0	
	CK5PT042	33,400	TDR & TXV	13.00	—	—	—	11.45	35,000	3.54	22,000	2.54	8.0	
	CK5PT048	33,400	TDR & TXV	13.50	—	—	—	11.55	35,000	3.60	22,000	2.56	8.0	
	COILS + 58CV(A,X)110-20 VARIABLE SPEED FURNACE													
	CK5PA048	34,000	TDR & TXV	13.50	—	—	—	11.55	35,600	3.56	22,000	2.56	8.0	
	CK5PT048	34,000	TDR & TXV	13.50	—	—	—	11.55	35,600	3.56	22,000	2.56	8.0	
	CK5PW048	34,000	TDR & TXV	13.50	—	—	—	11.60	35,600	3.58	21,800	2.56	8.0	
	COILS + 58CV(A,X)110-22 VARIABLE SPEED FURNACE													
	CC5A/CD5AA042	33,400	TDR	—	13.50	—	—	11.55	35,000	3.46	21,800	2.52	7.8	
	CC5A/CD5AC048	33,400	TDR	—	13.50	—	—	11.55	35,000	3.34	21,600	2.48	7.7	
	CC5A/CD5AW042	33,400	TDR	—	13.50	—	—	11.50	35,000	3.40	21,600	2.48	7.8	
	CC5A/CD5AW048	33,400	TDR	—	13.50	—	—	11.65	35,000	3.56	21,800	2.54	8.0	
	CD5AA048	33,400	TDR	—	13.50	—	—	11.65	35,000	3.56	21,800	2.54	8.0	
	CE3AA042	33,400	TDR	—	13.50	—	—	11.55	35,000	3.52	21,800	2.54	8.0	
	CE3AA048	33,400	TDR	—	13.50	—	—	11.60	35,000	3.56	21,800	2.56	8.0	
	CK3BA042	33,400	TDR	—	13.50	—	—	11.55	35,000	3.56	21,800	2.56	8.0	
	CK3BA048	33,400	TDR	—	13.50	—	—	11.65	35,000	3.62	21,800	2.58	8.0	
	CK5A/CK5BA042	33,400	TDR	—	13.50	—	—	11.55	35,000	3.56	21,800	2.54	8.0	
	CK5A/CK5BA048	33,400	TDR	—	13.50	—	—	11.65	35,000	3.62	21,800	2.58	8.0	
	CK5A/CK5BT042	33,400	TDR	—	13.50	—	—	11.55	35,000	3.56	21,800	2.56	8.0	
	CK5A/CK5BT048	33,400	TDR	—	13.50	—	—	11.65	35,000	3.62	21,800	2.58	8.0	
	CK5A/CK5BW048	33,400	TDR	—	13.50	—	—	11.65	35,000	3.62	21,800	2.58	8.0	
	CK5PA042	33,400	TDR & TXV	13.50	—	—	—	11.55	35,000	3.56	21,800	2.56	8.0	
	CK5PA048	33,400	TDR & TXV	13.50	—	—	—	11.65	35,000	3.62	21,800	2.58	8.0	
	CK5PT042	33,400	TDR & TXV	13.50	—	—	—	11.55	35,000	3.56	21,800	2.56	8.0	
	CK5PT048	33,400	TDR & TXV	13.50	—	—	—	11.65	35,000	3.62	21,800	2.58	8.0	
	CK5PW048	33,400	TDR & TXV	13.50	—	—	—	11.65	35,000	3.62	21,800	2.58	8.0	
	COILS + 58CV(A,X)135-22 VARIABLE SPEED FURNACE													
	CC5A/CD5AA042	33,400	TDR	—	13.50	—	—	11.50	35,000	3.44	21,800	2.50	7.8	
	CC5A/CD5AC048	33,400	TDR	—	13.50	—	—	11.50	35,000	3.34	21,600	2.48	7.7	
	CC5A/CD5AW042	33,400	TDR	—	13.50	—	—	11.45	35,000	3.40	21,800	2.48	7.8	
	CC5A/CD5AW048	33,400	TDR	—	13.50	—	—	11.60	35,000	3.56	21,800	2.54	8.0	

See notes on pg. 19.

Combination ratings* continued

UNIT SIZE-SERIES	INDOOR UNIT	ARI STANDARD RATINGS*											
		Cooling							Heating				
		TC	Factory-Supplied Enhancement	Standard Rating	Seasonal Efficiency SEER			EER	High-Temp		Low-Temp		HSPF
					Puron TXV	Puron TXV & TDR**	TDR		TC	COP	TC	COP	
036-30, 50	CD5AA048	33,400	TDR	—	13.50	—	—	11.65	35,000	3.56	21,800	2.54	8.0
	CE3AA042	33,400	TDR	—	13.50	—	—	11.50	35,000	3.50	22,000	2.52	8.0
	CE3AA048	33,400	TDR	—	13.50	—	—	11.55	35,000	3.54	22,000	2.54	8.0
	CK3BA042	33,400	TDR	—	13.50	—	—	11.50	35,000	3.54	22,000	2.54	8.0
	CK3BA048	33,400	TDR	—	13.50	—	—	11.60	35,000	3.60	22,000	2.58	8.0
	CK5A/CK5BA042	33,400	TDR	—	13.50	—	—	11.50	35,000	3.54	22,000	2.54	8.0
	CK5A/CK5BA048	33,400	TDR	—	13.50	—	—	11.60	35,000	3.60	22,000	2.58	8.0
	CK5A/CK5BT042	33,400	TDR	—	13.50	—	—	11.50	35,000	3.54	22,000	2.54	8.0
	CK5A/CK5BT048	33,400	TDR	—	13.50	—	—	11.60	35,000	3.60	22,000	2.58	8.0
	CK5A/CK5BW048	33,400	TDR	—	13.50	—	—	11.60	35,000	3.60	22,000	2.58	8.0
	CK5PA042	33,400	TDR & TXV	13.50	—	—	—	11.50	35,000	3.54	22,000	2.54	8.0
	CK5PA048	33,400	TDR & TXV	13.50	—	—	—	11.60	35,000	3.60	22,000	2.58	8.0
	CK5PT042	33,400	TDR & TXV	13.50	—	—	—	11.50	35,000	3.54	22,000	2.54	8.0
	CK5PT048	33,400	TDR & TXV	13.50	—	—	—	11.60	35,000	3.60	22,000	2.58	8.0
	CK5PW048	33,400	TDR & TXV	13.50	—	—	—	11.60	35,000	3.60	22,000	2.58	8.0
	COILS + 58CV(A,X)155-22 VARIABLE SPEED FURNACE												
	CC5A/CD5AA042	33,400	TDR	—	13.50	—	—	11.60	35,000	3.46	21,800	2.52	7.8
	CC5A/CD5AC048	33,400	TDR	—	13.50	—	—	11.60	35,000	3.36	21,600	2.48	7.7
	CC5A/CD5AW042	33,400	TDR	—	13.50	—	—	11.55	35,000	3.42	21,600	2.50	7.8
	CC5A/CD5AW048	33,400	TDR	—	13.50	—	—	11.70	35,000	3.58	21,600	2.54	8.0
	CD5AA048	33,400	TDR	—	13.50	—	—	11.70	35,000	3.58	21,800	2.54	8.0
	CE3AA042	33,400	TDR	—	13.50	—	—	11.60	35,000	3.52	21,800	2.54	8.0
	CE3AA048	33,400	TDR	—	13.50	—	—	11.60	35,000	3.56	21,800	2.56	8.0
	CK3BA042	33,400	TDR	—	13.50	—	—	11.55	35,000	3.56	21,800	2.56	8.0
	CK3BA048	33,400	TDR	—	13.50	—	—	11.70	35,000	3.62	21,800	2.58	8.0
	CK5A/CK5BA042	33,400	TDR	—	13.50	—	—	11.55	35,000	3.56	21,800	2.56	8.0
	CK5A/CK5BA048	33,400	TDR	—	13.50	—	—	11.70	35,000	3.62	21,800	2.58	8.0
	CK5A/CK5BT042	33,400	TDR	—	13.50	—	—	11.55	35,000	3.56	21,800	2.56	8.0
	CK5A/CK5BT048	33,400	TDR	—	13.50	—	—	11.70	35,000	3.62	21,800	2.58	8.0
	CK5A/CK5BW048	33,400	TDR	—	13.50	—	—	11.70	35,000	3.62	21,800	2.58	8.0
	CK5PA042	33,400	TDR & TXV	13.50	—	—	—	11.55	35,000	3.56	21,800	2.56	8.0
	CK5PA048	33,400	TDR & TXV	13.50	—	—	—	11.70	35,000	3.62	21,800	2.58	8.0
	CK5PT042	33,400	TDR & TXV	13.50	—	—	—	11.55	35,000	3.56	21,800	2.56	8.0
	CK5PT048	33,400	TDR & TXV	13.50	—	—	—	11.70	35,000	3.62	21,800	2.58	8.0
	CK5PW048	33,400	TDR & TXV	13.50	—	—	—	11.70	35,000	3.62	21,800	2.58	8.0
	COILS + 58MVP040-14 VARIABLE SPEED FURNACE												
	CC5A/CD5AC048	33,200	TDR	—	13.00	—	—	11.10	35,000	3.24	21,800	2.40	7.2
	CC5A/CD5AW048	33,600	TDR	—	13.20	—	—	11.25	35,000	3.42	21,800	2.46	7.5
	CD5AA048	33,600	TDR	—	13.20	—	—	11.25	35,000	3.44	22,000	2.46	7.8
	CE3AA048	33,800	TDR	—	13.20	—	—	11.25	35,600	3.44	22,000	2.48	7.5
	CK3BA048	33,800	TDR	—	13.20	—	—	11.35	35,600	3.50	22,000	2.52	7.8
	CK5A/CK5BA048	33,800	TDR	—	13.20	—	—	11.30	35,600	3.50	22,000	2.52	7.8
	CK5A/CK5BT048	33,800	TDR	—	13.50	—	—	11.30	35,600	3.50	22,000	2.52	7.8
	CK5A/CK5BW048	33,800	TDR	—	13.50	—	—	11.35	34,600	3.52	22,000	2.52	7.8
	CK5PA048	33,800	TDR & TXV	13.00	—	—	—	11.30	35,600	3.50	22,000	2.52	7.8
	CK5PT048	33,600	TDR & TXV	13.00	—	—	—	11.30	35,600	3.50	22,000	2.52	7.8
	CK5PW048	33,600	TDR & TXV	13.50	—	—	—	11.35	35,600	3.52	22,000	2.52	7.8
	COILS + 58MVP060-14 VARIABLE SPEED FURNACE												
	CC5A/CD5AC048	33,200	TDR	—	13.20	—	—	11.25	35,000	3.26	21,600	2.42	7.2
	CD5AA048	33,600	TDR	—	13.50	—	—	11.40	35,000	3.46	21,800	2.48	7.8
	CE3AA048	33,800	TDR	—	13.50	—	—	11.45	35,400	3.48	22,000	2.50	7.8
	CK3BA048	34,000	TDR	—	13.50	—	—	11.50	35,600	3.54	22,000	2.54	7.8
	CK5A/CK5BA048	33,800	TDR	—	13.50	—	—	11.45	35,600	3.54	22,000	2.54	7.8
	CK5A/CK5BT048	33,800	TDR	—	13.50	—	—	11.45	34,600	3.54	22,000	2.54	7.8
	CK5PA048	33,600	TDR & TXV	13.50	—	—	—	11.45	35,600	3.54	22,000	2.54	7.8
	CK5PT048	33,600	TDR & TXV	13.50	—	—	—	11.45	35,600	3.54	22,000	2.54	7.8
	COILS + 58MVP080-14 VARIABLE SPEED FURNACE												
	CC5A/CD5AC048	33,000	TDR	—	13.00	—	—	11.10	35,000	3.22	21,800	2.40	7.2
	CC5A/CD5AW048	33,600	TDR	—	13.20	—	—	11.25	34,400	3.42	21,600	2.42	7.5
	CD5AA048	33,600	TDR	—	13.00	—	—	11.20	35,000	3.44	21,600	2.42	7.7
	CE3AA048	33,800	TDR	—	13.20	—	—	11.25	35,600	3.44	22,000	2.48	7.5
	CK3BA048	33,800	TDR	—	13.20	—	—	11.30	35,600	3.50	22,000	2.50	7.8
	CK5A/CK5BA048	33,800	TDR	—	13.20	—	—	11.30	35,600	3.50	22,000	2.50	7.8
	CK5A/CK5BT048	33,800	TDR	—	13.20	—	—	11.30	34,600	3.50	22,000	2.50	7.8
	CK5A/CK5BW048	33,800	TDR	—	13.50	—	—	11.35	34,600	3.50	22,000	2.52	7.8
	CK5PA048	33,600	TDR & TXV	13.00	—	—	—	11.30	35,600	3.50	22,000	2.50	7.8
	CK5PT048	33,600	TDR & TXV	13.00	—	—	—	11.30	35,600	3.50	22,000	2.50	7.8
	CK5PW048	33,600	TDR & TXV	13.20	—	—	—	11.35	35,600	3.50	22,000	2.52	7.8
	COILS + 58MVP080-20 VARIABLE SPEED FURNACE												
	CC5A/CD5AC048	33,200	TDR	—	13.20	—	—	11.20	35,000	3.26	21,800	2.42	7.2
	CC5A/CD5AW048	33,600	TDR	—	13.50	—	—	11.35	35,000	3.46	21,800	2.48	7.5
	CD5AA048	33,600	TDR	—	13.50	—	—	11.35	35,000	3.46	21,800	2.48	7.8

See notes on pg. 19.

Combination ratings* continued

UNIT SIZE-SERIES	INDOOR UNIT	ARI STANDARD RATINGS*											
		Cooling							Heating				
		TC	Seasonal Efficiency SEER			EER	High-Temp		Low-Temp		HSPF		
			Factory-Supplied Enhancement	Standard Rating	Field-Supplied Accessory‡		TC	COP	TC	COP			
Puron TXV	Puron TXV & TDR**	TDR											
036-30, 50	CE3AA048	33,800	TDR	—	13.50	—	—	11.40	35,400	3.46	22,000	2.50	7.8
	CK3BA048	33,800	TDR	—	13.50	—	—	11.40	35,600	3.52	22,000	2.52	7.8
	CK5A/CK5BA048	33,800	TDR	—	13.50	—	—	11.40	35,600	3.52	22,000	2.52	7.8
	CK5A/CK5BT048	33,800	TDR	—	13.50	—	—	11.40	34,600	3.52	22,000	2.52	7.8
	CK5A/CK5BW048	34,000	TDR	—	13.50	—	—	11.45	34,600	3.54	22,000	2.54	7.8
	CK5PA048	33,600	TDR & TXV	13.50	—	—	—	11.40	35,600	3.52	22,000	2.52	7.8
	CK5PT048	33,600	TDR & TXV	13.50	—	—	—	11.40	35,600	3.52	22,000	2.52	7.8
	CK5PW048	34,000	TDR & TXV	13.50	—	—	—	11.45	35,600	3.54	22,000	2.54	7.8
	COILS + 58MVP100-20 VARIABLE SPEED FURNACE												
	CC5A/CD5AC048	33,000	TDR	—	13.20	—	—	11.25	35,000	3.26	21,600	2.42	7.2
	CC5A/CD5AW048	33,600	TDR	—	13.50	—	—	11.40	35,000	3.48	21,800	2.48	7.8
	CD5AA048	33,800	TDR	—	13.50	—	—	11.40	35,000	3.48	21,400	2.46	7.8
	CE3AA048	34,000	TDR	—	13.50	—	—	11.40	35,400	3.48	22,000	2.50	7.8
	CK3BA048	34,000	TDR	—	13.50	—	—	11.45	35,600	3.54	22,000	2.54	8.0
	CK5A/CK5BA048	34,000	TDR	—	13.50	—	—	11.45	35,600	3.54	22,000	2.54	8.0
	CK5A/CK5BT048	34,000	TDR	—	13.50	—	—	11.45	35,600	3.54	22,000	2.54	8.0
	CK5A/CK5BW048	34,000	TDR	—	13.50	—	—	11.50	34,600	3.54	22,000	2.54	8.0
	CK5PA048	34,000	TDR & TXV	13.50	—	—	—	11.45	35,600	3.54	22,000	2.54	8.0
	CK5PT048	34,000	TDR & TXV	13.50	—	—	—	11.45	35,600	3.54	22,000	2.54	8.0
	CK5PW048	34,000	TDR & TXV	13.50	—	—	—	11.50	35,600	3.54	22,000	2.54	8.0
	COILS + 58MVP120-20 VARIABLE SPEED FURNACE												
	CC5A/CD5AC048	33,000	TDR	—	13.20	—	—	11.30	35,000	3.26	21,600	2.42	7.2
	CC5A/CD5AW048	33,600	TDR	—	13.50	—	—	11.45	35,000	3.48	21,800	2.48	7.8
	CD5AA048	33,600	TDR	—	13.50	—	—	11.45	35,000	3.48	21,800	2.48	7.8
	CE3AA048	33,800	TDR	—	13.50	—	—	11.45	35,400	3.48	21,800	2.50	7.8
	CK3BA048	34,000	TDR	—	13.50	—	—	11.55	35,400	3.54	21,800	2.54	8.0
	CK5A/CK5BA048	34,000	TDR	—	13.50	—	—	11.50	35,400	3.54	21,800	2.54	8.0
	CK5A/CK5BT048	34,000	TDR	—	13.50	—	—	11.50	35,400	3.54	21,800	2.54	8.0
	CK5A/CK5BW048	34,000	TDR	—	13.50	—	—	11.60	35,400	3.54	21,800	2.54	8.0
	CK5PA048	34,000	TDR & TXV	13.50	—	—	—	11.50	35,400	3.54	21,800	2.54	8.0
	CK5PT048	34,000	TDR & TXV	13.50	—	—	—	11.50	35,400	3.54	21,800	2.54	8.0
	CK5PW048	34,000	TDR & TXV	13.50	—	—	—	11.60	35,400	3.54	21,800	2.54	8.0
042-30	*FX4(A,B)NF042	40,500	TDR & TXV	12.00	—	—	—	10.40	42,000	3.42	27,600	2.48	7.6
	CC5A/CD5AC048	39,000	NONE	—	—	12.00	—	10.25	42,000	3.12	27,200	2.36	7.6
	CC5A/CD5AW048	39,500	NONE	—	—	12.00	—	10.40	42,000	3.28	27,200	2.42	7.6
	CD5AA048	39,500	NONE	—	—	12.00	—	10.40	42,000	3.28	27,200	2.42	7.6
	CE3AA048	39,500	NONE	—	—	12.00	—	10.50	42,000	3.34	27,400	2.46	7.6
	CF5AA048	39,500	NONE	—	—	12.00	—	10.45	42,000	3.26	27,200	2.42	7.6
	CK3BA048	39,500	NONE	—	—	12.00	—	10.45	42,000	3.34	27,400	2.46	7.6
	CK5A/CK5BA048	39,500	NONE	—	—	12.00	—	10.45	42,000	3.34	27,400	2.46	7.6
	CK5A/CK5BE042	38,000	NONE	—	—	12.00	—	10.45	41,000	3.34	27,400	2.46	7.6
	CK5A/CK5BT048	39,500	NONE	—	—	12.00	—	10.45	42,000	3.34	27,400	2.46	7.6
	CK5A/CK5BW048	39,500	NONE	—	—	12.00	—	10.45	42,000	3.34	27,400	2.46	7.6
	CK5PA048	39,500	TXV	—	—	—	12.00	10.45	42,000	3.34	27,400	2.46	7.6
	CK5PE042	38,000	TXV	—	—	—	12.00	10.45	41,000	3.34	27,400	2.46	7.6
	CK5PT048	39,500	TXV	—	—	—	12.00	10.45	42,000	3.34	27,400	2.46	7.6
	CK5PW048	39,500	TXV	—	—	—	12.00	10.45	42,000	3.34	27,400	2.46	7.6
	F(A,B)4(A,B)N(F,B,C)048	40,000	TDR	—	12.00	—	—	10.30	42,000	3.40	27,600	2.46	7.6
	FC4(B,C)N(F,B)048	40,000	TDR & TXV	—	12.00	—	—	10.30	42,000	3.40	27,600	2.46	7.6
	FG3AAA048	39,500	NONE	—	—	12.00	—	10.40	42,000	3.32	27,200	2.44	7.6
	FK4(C,D)NF003	39,500	TDR & TXV	—	13.00	—	—	11.15	42,000	3.32	26,400	2.48	8.0
	FK4(C,D)NF005	41,500	TDR & TXV	—	13.50	—	—	11.60	42,000	3.62	26,400	2.64	8.5
	FV4(A,B)NF003	39,500	TDR & TXV	13.00	—	—	—	11.15	42,000	3.36	26,400	2.50	8.0
	FV4(A,B)NF005	41,500	TDR & TXV	13.50	—	—	—	11.60	42,000	3.64	26,400	2.64	8.5
	COILS + 58CV(A,X)090-16 VARIABLE SPEED FURNACE												
	CC5A/CD5AC048	39,000	TDR	—	13.00	—	—	11.05	41,000	3.12	26,000	2.42	8.0
	CD5AA048	39,500	TDR	—	13.00	—	—	11.15	41,000	3.30	26,200	2.48	8.2
	CE3AA048	39,500	TDR	—	13.00	—	—	11.10	42,000	3.34	26,400	2.50	8.2
	CK3BA048	39,500	TDR	—	13.00	—	—	11.15	42,000	3.40	26,400	2.52	8.2
	CK5A/CK5BA048	39,500	TDR	—	13.00	—	—	11.15	42,000	3.40	26,400	2.52	8.2
	CK5A/CK5BE042	39,500	TDR	—	13.00	—	—	11.10	42,000	3.40	26,400	2.52	8.2
	CK5A/CK5BT048	39,500	TDR	—	13.00	—	—	11.15	42,000	3.40	26,400	2.52	8.2
	CK5PA048	39,500	TDR & TXV	13.00	—	—	—	11.15	42,000	3.40	26,400	2.52	8.2
	CK5PE042	39,500	TDR & TXV	13.00	—	—	—	11.10	42,000	3.40	26,400	2.52	8.2
CK5PT048	39,500	TDR & TXV	13.00	—	—	—	11.15	42,000	3.40	26,400	2.52	8.2	
COILS + 58CV(A,X)110-22 VARIABLE SPEED FURNACE													
CC5A/CD5AC048	39,000	TDR	—	13.50	—	—	11.15	41,000	3.14	25,800	2.42	8.0	
CC5A/CD5AW048	39,500	TDR	—	13.50	—	—	11.30	41,000	3.30	26,000	2.50	8.2	
CD5AA048	39,500	TDR	—	13.50	—	—	11.30	41,000	3.32	26,000	2.50	8.2	
CE3AA048	39,500	TDR	—	13.50	—	—	11.25	42,000	3.36	26,200	2.52	8.2	
CK3BA048	39,500	TDR	—	13.50	—	—	11.30	42,000	3.42	26,200	2.54	8.2	
CK5A/CK5BA048	39,500	TDR	—	13.50	—	—	11.30	42,000	3.42	26,200	2.54	8.2	
CK5A/CK5BT048	39,500	TDR	—	13.50	—	—	11.30	42,000	3.42	26,200	2.54	8.2	
CK5A/CK5BW048	39,500	TDR	—	13.50	—	—	11.30	42,000	3.42	26,200	2.54	8.2	

See notes on pg. 19.

Combination ratings* continued

UNIT SIZE-SERIES	INDOOR UNIT	ARI STANDARD RATINGS*											
		Cooling							Heating				
		TC	Seasonal Efficiency SEER				EER	High-Temp		Low-Temp		HSPF	
			Factory-Supplied Enhancement	Standard Rating	Field-Supplied Accessory†								
Puron TXV	Puron TXV & TDR**	TDR			TC	COP	TC	COP					
042-30	CK5PA048	39,500	TDR & TXV	13.50	—	—	—	11.30	42,000	3.42	26,200	2.54	8.2
	CK5PT048	39,500	TDR & TXV	13.50	—	—	—	11.30	42,000	3.42	26,200	2.54	8.2
	CK5PW048	39,500	TDR & TXV	13.50	—	—	—	11.30	42,000	3.42	26,200	2.54	8.2
	COILS + 58CV(A,X)135-22 VARIABLE SPEED FURNACE												
	CC5A/CD5AC048	39,000	TDR	—	13.50	—	—	11.20	41,000	3.14	25,800	2.44	8.0
	CC5A/CD5AW048	39,500	TDR	—	13.50	—	—	11.30	41,000	3.32	26,000	2.50	8.2
	CD5AA048	39,500	TDR	—	13.50	—	—	11.30	41,000	3.32	26,000	2.50	8.2
	CE3AA048	39,500	TDR	—	13.50	—	—	11.25	42,000	3.36	26,200	2.52	8.2
	CK3BA048	39,500	TDR	—	13.50	—	—	11.30	42,000	3.42	26,200	2.54	8.2
	CK5A/CK5BA048	39,500	TDR	—	13.50	—	—	11.30	42,000	3.42	26,200	2.54	8.2
	CK5A/CK5BT048	39,500	TDR	—	13.50	—	—	11.30	42,000	3.42	26,200	2.54	8.2
	CK5A/CK5BW048	39,500	TDR	—	13.50	—	—	11.30	42,000	3.42	26,200	2.54	8.2
	CK5PA048	39,500	TDR & TXV	13.50	—	—	—	11.30	42,000	3.42	26,200	2.54	8.2
	CK5PT048	39,500	TDR & TXV	13.50	—	—	—	11.30	42,000	3.42	26,200	2.54	8.2
	CK5PW048	39,500	TDR & TXV	13.50	—	—	—	11.30	42,000	3.42	26,200	2.54	8.2
	COILS + 58CV(A,X)155-22 VARIABLE SPEED FURNACE												
	CC5A/CD5AC048	39,000	TDR	—	13.50	—	—	11.20	41,000	3.14	25,800	2.44	8.0
	CC5A/CD5AW048	39,500	TDR	—	13.50	—	—	11.35	41,000	3.32	26,000	2.50	8.2
	CD5AA048	39,500	TDR	—	13.50	—	—	11.35	41,000	3.32	26,000	2.50	8.2
	CE3AA048	39,500	TDR	—	13.50	—	—	11.25	42,000	3.38	26,200	2.52	8.2
	CK3BA048	39,500	TDR	—	13.50	—	—	11.35	42,000	3.44	26,200	2.56	8.2
	CK5A/CK5BA048	39,500	TDR	—	13.50	—	—	11.35	42,000	3.44	26,200	2.56	8.2
	CK5A/CK5BT048	39,500	TDR	—	13.50	—	—	11.35	42,000	3.44	26,200	2.56	8.2
	CK5A/CK5BW048	39,500	TDR	—	13.50	—	—	11.35	42,000	3.44	26,200	2.56	8.2
	CK5PA048	39,500	TDR & TXV	13.50	—	—	—	11.35	42,000	3.44	26,200	2.56	8.2
	CK5PT048	39,500	TDR & TXV	13.50	—	—	—	11.35	42,000	3.44	26,200	2.56	8.2
	CK5PW048	39,500	TDR & TXV	13.50	—	—	—	11.35	42,000	3.44	26,200	2.56	8.2
	COILS + 58MVP040-14 VARIABLE SPEED FURNACE												
	CC5A/CD5AC048	38,500	TDR	—	12.50	—	—	10.65	40,500	3.02	26,200	2.34	7.6
	CC5A/CD5AW048	39,000	TDR	—	12.50	—	—	10.80	41,000	3.20	26,200	2.42	8.0
	CD5AA048	39,000	TDR	—	12.50	—	—	10.80	41,000	3.20	26,400	2.42	7.8
	CE3AA048	39,000	TDR	—	12.50	—	—	10.85	41,500	3.26	26,400	2.44	8.0
	CK3BA048	39,000	TDR	—	13.00	—	—	10.85	41,500	3.32	26,400	2.48	8.0
	CK5A/CK5BA048	39,000	TDR	—	12.50	—	—	10.85	41,500	3.32	26,400	2.48	8.0
	CK5A/CK5BT048	39,000	TDR	—	13.00	—	—	10.85	41,500	3.32	26,400	2.48	8.2
	CK5A/CK5BW048	39,000	TDR	—	13.00	—	—	10.90	41,500	3.32	26,400	2.48	8.0
	CK5PA042	39,000	TDR & TXV	12.50	—	—	—	10.70	41,500	3.24	26,400	2.44	8.0
	CK5PA048	39,000	TDR & TXV	12.50	—	—	—	10.85	41,500	3.32	26,400	2.48	8.0
	CK5PT048	39,000	TDR & TXV	12.50	—	—	—	10.85	41,500	3.32	26,400	2.48	8.2
	CK5PW048	39,000	TDR & TXV	13.00	—	—	—	10.90	41,500	3.32	26,400	2.48	8.0
	COILS + 58MVP060-14 VARIABLE SPEED FURNACE												
	CC5A/CD5AC048	38,500	TDR	—	12.50	—	—	10.80	40,500	3.04	26,000	2.36	7.5
	CD5AA048	39,000	TDR	—	13.00	—	—	10.95	41,000	3.22	26,200	2.44	7.8
	CE3AA048	39,500	TDR	—	13.00	—	—	10.95	41,500	3.28	26,400	2.46	8.0
	CK3BA048	39,500	TDR	—	13.00	—	—	11.00	41,500	3.34	26,400	2.50	8.2
	CK5A/CK5BA048	39,500	TDR	—	13.00	—	—	10.95	41,500	3.34	26,400	2.50	8.2
	CK5A/CK5BT048	39,500	TDR	—	13.00	—	—	10.95	41,500	3.34	26,400	2.50	8.0
	CK5PA042	39,000	TDR & TXV	12.50	—	—	—	10.85	41,500	3.28	26,400	2.46	8.2
	CK5PA048	39,500	TDR & TXV	13.00	—	—	—	10.95	41,500	3.34	26,400	2.50	8.2
	CK5PT048	39,500	TDR & TXV	13.00	—	—	—	10.95	41,500	3.34	26,400	2.50	8.2
COILS + 58MVP080-14 VARIABLE SPEED FURNACE													
CC5A/CD5AC048	38,500	TDR	—	12.50	—	—	10.60	40,500	3.02	26,200	2.34	7.5	
CC5A/CD5AW048	39,000	TDR	—	12.50	—	—	10.80	41,000	3.18	26,400	2.42	8.0	
CD5AA048	39,000	TDR	—	12.50	—	—	10.75	41,000	3.18	26,400	2.42	7.8	
CE3AA048	39,000	TDR	—	12.50	—	—	10.80	41,500	3.26	26,400	2.44	8.0	
CK3BA048	39,000	TDR	—	12.50	—	—	10.85	41,500	3.30	26,400	2.48	8.0	
CK5A/CK5BA048	39,000	TDR	—	12.50	—	—	10.80	41,500	3.30	26,400	2.46	8.0	
CK5A/CK5BT048	39,000	TDR	—	12.50	—	—	10.80	41,500	3.30	26,400	2.46	8.2	
CK5A/CK5BW048	39,000	TDR	—	13.00	—	—	10.90	41,500	3.32	26,400	2.48	8.0	
CK5PA042	39,000	TDR & TXV	12.50	—	—	—	10.65	41,500	3.24	26,600	2.44	8.0	
CK5PA048	39,000	TDR & TXV	12.50	—	—	—	10.80	41,500	3.30	26,400	2.46	8.0	
CK5PT048	39,000	TDR & TXV	12.50	—	—	—	10.80	41,500	3.30	26,400	2.46	8.0	
CK5PW048	39,000	TDR & TXV	13.00	—	—	—	10.90	41,500	3.32	26,400	2.48	8.0	
COILS + 58MVP080-20 VARIABLE SPEED FURNACE													
CC5A/CD5AC048	38,500	TDR	—	12.50	—	—	10.75	40,500	3.04	26,200	2.36	7.5	
CC5A/CD5AW048	39,000	TDR	—	13.00	—	—	10.90	41,000	3.22	26,200	2.44	8.0	
CD5AA048	39,000	TDR	—	13.00	—	—	10.90	41,000	3.22	26,400	2.44	8.0	
CE3AA048	39,500	TDR	—	13.00	—	—	10.90	41,500	3.28	26,400	2.46	8.0	
CK3BA048	39,500	TDR	—	13.00	—	—	10.95	41,500	3.34	26,400	2.50	8.0	
CK5A/CK5BA048	39,500	TDR	—	13.00	—	—	10.95	41,500	3.34	26,400	2.48	8.0	
CK5A/CK5BT048	39,500	TDR	—	13.00	—	—	10.95	41,500	3.34	26,400	2.48	8.2	
CK5A/CK5BW048	39,500	TDR	—	13.00	—	—	11.00	41,500	3.34	26,400	2.50	8.0	

See notes on pg. 19.

Combination ratings* continued

UNIT SIZE-SERIES	INDOOR UNIT	ARI STANDARD RATINGS*												
		Cooling								Heating				
		TC	Seasonal Efficiency SEER					EER	High-Temp		Low-Temp		HSPF	
			Factory-Supplied Enhancement	Standard Rating	Field-Supplied Accessory‡									
					Puron TXV	Puron TXV & TDR**	TDR		TC	COP	TC	COP		
042-30	CK5PA042	39,000	TDR & TXV	12.50	—	—	—	10.80	41,500	3.28	26,400	2.46	8.0	
	CK5PA048	39,500	TDR & TXV	13.00	—	—	—	10.95	41,500	3.34	26,400	2.48	8.0	
	CK5PT048	39,500	TDR & TXV	13.00	—	—	—	10.95	41,500	3.34	26,400	2.48	8.0	
	CK5PW048	39,500	TDR & TXV	13.00	—	—	—	11.00	41,500	3.36	26,400	2.50	8.0	
	COILS + 58MVP100-20 VARIABLE SPEED FURNACE													
	CC5A/CD5AC048	38,500	TDR	—	12.50	—	—	10.80	40,500	3.06	26,000	2.38	7.5	
	CC5A/CD5AW048	39,000	TDR	—	13.00	—	—	11.00	42,000	3.24	26,200	2.46	8.0	
	CD5AA048	39,000	TDR	—	13.00	—	—	11.00	41,000	3.24	26,200	2.46	8.0	
	CE3AA048	39,500	TDR	—	13.00	—	—	11.00	41,500	3.30	26,400	2.48	8.0	
	CK3BA048	39,500	TDR	—	13.00	—	—	11.05	41,500	3.36	26,400	2.50	8.0	
	CK5A/CK5BA048	39,500	TDR	—	13.00	—	—	11.00	41,500	3.36	26,400	2.50	8.0	
	CK5A/CK5BT048	39,500	TDR	—	13.00	—	—	11.00	41,500	3.36	26,400	2.50	8.0	
	CK5A/CK5BW048	39,500	TDR	—	13.00	—	—	11.10	41,500	3.38	26,200	2.52	8.0	
	CK5PA042	39,000	TDR & TXV	12.50	—	—	—	10.85	41,500	3.28	26,400	2.46	8.0	
	CK5PA048	39,500	TDR & TXV	13.00	—	—	—	11.00	41,500	3.36	26,400	2.50	8.0	
	CK5PT048	39,500	TDR & TXV	13.00	—	—	—	11.00	41,500	3.36	26,400	2.50	8.2	
	CK5PW048	39,500	TDR & TXV	13.00	—	—	—	11.10	41,500	3.36	26,200	2.52	8.2	
	COILS + 58MVP120-20 VARIABLE SPEED FURNACE													
	CC5A/CD5AC048	38,500	TDR	—	13.00	—	—	10.85	41,000	3.06	26,000	2.38	7.9	
	CC5A/CD5AW048	39,000	TDR	—	13.00	—	—	11.05	41,500	3.22	26,200	2.46	8.0	
	CD5AA048	39,000	TDR	—	13.00	—	—	11.00	40,500	3.22	26,200	2.46	7.6	
	CE3AA048	39,500	TDR	—	13.00	—	—	11.05	41,500	3.30	26,200	2.48	8.0	
	CK3BA048	39,500	TDR	—	13.00	—	—	11.10	41,500	3.34	26,200	2.50	8.0	
	CK5A/CK5BA048	39,500	TDR	—	13.00	—	—	11.05	41,500	3.34	26,200	2.50	8.0	
	CK5A/CK5BT048	39,500	TDR	—	13.00	—	—	11.05	41,500	3.34	26,200	2.50	8.0	
	CK5A/CK5BW048	39,500	TDR	—	13.20	—	—	11.15	41,500	3.36	26,200	2.52	8.0	
	CK5PA042	39,000	TDR & TXV	13.00	—	—	—	10.90	41,500	3.28	26,200	2.46	8.0	
	CK5PA048	39,500	TDR & TXV	13.00	—	—	—	11.05	41,500	3.34	26,200	2.50	8.0	
	CK5PT048	39,500	TDR & TXV	13.00	—	—	—	11.05	41,500	3.34	26,200	2.50	8.0	
	CK5PW048	39,500	TDR & TXV	13.20	—	—	—	11.15	41,500	3.36	26,200	2.52	8.2	
048-30, 50	*FX4(A,B)NF048	45,000	TDR & TXV	12.00	—	—	—	10.15	47,000	3.52	29,400	2.46	8.0	
	CC5A/CD5AA060	43,000	NONE	—	—	12.00	—	10.05	45,000	3.26	28,800	2.36	7.7	
	CC5A/CD5AW060	44,000	NONE	—	—	12.00	—	10.25	46,000	3.44	29,000	2.44	8.0	
	CD5PX060	44,000	TXV	—	—	—	12.00	10.35	45,000	3.68	29,200	2.52	8.4	
	CE3AA060	44,500	NONE	—	—	12.00	—	10.30	46,000	3.44	29,000	2.44	8.0	
	CK3BA060	44,000	NONE	—	—	12.00	—	10.30	46,000	3.52	29,000	2.46	8.0	
	CK5A/CK5BA060	44,000	NONE	—	—	12.00	—	10.30	46,000	3.52	29,000	2.46	8.0	
	CK5A/CK5BT060	44,000	NONE	—	—	12.00	—	10.30	46,000	3.52	29,000	2.46	8.0	
	CK5A/CK5BX060	45,000	NONE	—	—	12.00	—	10.40	46,000	3.56	29,000	2.48	8.0	
	CK5PA060	44,000	TXV	—	—	—	12.00	10.30	46,000	3.52	29,000	2.46	8.0	
	CK5PT060	44,000	TXV	—	—	—	12.00	10.30	46,000	3.52	29,000	2.46	8.0	
	CK5PX060	45,000	TXV	—	—	—	12.00	10.40	46,000	3.56	29,000	2.48	8.0	
	F(A,B)4(A,B)N(F,B,C)060	44,500	TDR	—	11.70	—	—	9.75	47,000	3.44	29,800	2.40	8.0	
	FB4(A,B)NB070	45,000	TDR	—	12.00	—	—	10.25	47,000	3.62	29,400	2.50	8.2	
	FC4(B,C)N(F,B)060	44,000	TDR & TXV	—	11.50	—	—	9.75	47,000	3.44	29,800	2.40	8.0	
	FC4(B,C)NB070	45,000	TDR & TXV	—	12.00	—	—	10.25	46,000	3.44	29,000	2.44	8.0	
	FG3AAA060	43,500	NONE	—	—	12.00	—	10.15	46,000	3.38	29,000	2.42	8.0	
	FK4(C,D)NB006	45,500	TDR & TXV	—	13.50	—	—	11.35	45,500	3.78	28,200	2.64	8.6	
	FK4(C,D)NF005	44,500	TDR & TXV	—	13.00	—	—	11.00	46,000	3.60	28,200	2.54	8.3	
	FV4(A,B)NB006	45,500	TDR & TXV	13.50	—	—	—	11.35	45,500	3.78	28,200	2.64	8.6	
	FV4(A,B)NF005	44,500	TDR & TXV	13.00	—	—	—	11.00	45,500	3.60	28,200	2.54	8.3	
	FX4(A,B)NB060	45,000	TDR & TXV	12.20	—	—	—	10.25	47,000	3.62	29,400	2.50	8.5	
	COILS + 58CV(A,X)090-16 VARIABLE SPEED FURNACE													
	CE3AA060	44,000	TDR	—	12.50	—	—	10.80	45,000	3.44	28,000	2.48	8.0	
	COILS + 58CV(A,X)110-20 VARIABLE SPEED FURNACE													
	CD5PX060	43,500	TDR & TXV	12.80	—	—	—	10.80	44,500	3.68	28,200	2.56	8.5	
	CK5PA060	43,000	TDR & TXV	12.80	—	—	—	10.75	45,000	3.56	28,200	2.52	8.2	
	CK5PT060	43,000	TDR & TXV	12.80	—	—	—	10.75	45,000	3.56	28,000	2.52	8.2	
	CK5PX060	44,000	TDR & TXV	13.00	—	—	—	10.90	45,000	3.58	28,200	2.54	8.2	
	COILS + 58CV(A,X)110-22 VARIABLE SPEED FURNACE													
CC5A/CD5AA060	43,000	TDR	—	12.50	—	—	10.75	44,000	3.26	27,600	2.40	8.0		
CD5PX060	44,000	TDR & TXV	13.00	—	—	—	11.05	45,000	3.70	28,200	2.54	8.4		
CE3AA060	44,000	TDR	—	13.00	—	—	11.00	45,000	3.48	27,800	2.50	8.0		
CK3BA060	44,000	TDR	—	13.00	—	—	11.00	45,000	3.62	28,000	2.54	8.4		
CK5A/CK5BA060	44,000	TDR	—	13.00	—	—	11.00	45,000	3.62	28,000	2.54	8.4		
CK5A/CK5BT060	44,000	TDR	—	13.00	—	—	11.00	45,000	3.62	28,000	2.54	8.4		
CK5A/CK5BX060	44,000	TDR	—	13.00	—	—	11.20	45,000	3.64	28,000	2.58	8.4		
CK5PA060	44,000	TDR & TXV	13.00	—	—	—	11.00	45,000	3.62	28,000	2.54	8.4		
CK5PT060	44,000	TDR & TXV	13.00	—	—	—	11.00	45,000	3.62	28,000	2.54	8.4		
CK5PX060	44,000	TDR & TXV	13.00	—	—	—	11.20	45,000	3.64	28,000	2.58	8.4		

See notes on pg. 19.

Detailed cooling capacities* continued

UNIT SIZE-SERIES	INDOOR UNIT	ARI STANDARD RATINGS*											
		Cooling							Heating				
		TC	Seasonal Efficiency SEER				EER	High-Temp		Low-Temp		HSPF	
			Factory-Supplied Enhancement	Standard Rating	Field-Supplied Accessory‡								
Puron TXV	Puron TXV & TDR**	TDR			TC	COP	TC	COP					
048-30, 50	COILS + 58CV(A,X)135-22 VARIABLE SPEED FURNACE												
	CC5A/CD5AA060	43,000	TDR	—	12.50	—	—	10.70	44,000	3.26	27,800	2.40	8.0
	CC5A/CD5AW060	44,000	TDR	—	13.00	—	—	10.95	44,500	3.50	28,000	2.50	8.3
	CD5PX060	44,000	TDR & TXV	13.00	—	—	—	11.00	45,000	3.70	28,200	2.58	8.4
	CE3AA060	44,000	TDR	—	13.00	—	—	10.95	45,000	3.48	27,800	2.50	8.0
	CK3BA060	44,000	TDR	—	13.00	—	—	10.95	45,000	3.60	28,000	2.54	8.4
	CK5A/CK5BA060	44,000	TDR	—	13.00	—	—	10.95	45,000	3.60	28,000	2.54	8.4
	CK5A/CK5BT060	44,000	TDR	—	13.00	—	—	10.95	45,000	3.60	28,000	2.54	8.4
	CK5A/CK5BX060	44,000	TDR	—	13.00	—	—	11.15	45,000	3.64	28,000	2.58	8.4
	CK5PA060	44,000	TDR & TXV	13.00	—	—	—	10.95	45,000	3.60	28,000	2.54	8.4
	CK5PT060	44,000	TDR & TXV	13.00	—	—	—	10.95	45,000	3.60	28,000	2.54	8.4
	CK5PX060	44,000	TDR & TXV	13.00	—	—	—	11.15	45,000	3.64	28,000	2.58	8.4
	COILS + 58CV(A,X)155-22 VARIABLE SPEED FURNACE												
	CC5A/CD5AA060	43,000	TDR	—	12.50	—	—	10.80	44,000	3.28	27,600	2.42	8.0
	CC5A/CD5AW060	44,000	TDR	—	13.00	—	—	11.05	44,500	3.52	27,800	2.50	8.4
	CD5PX060	44,000	TDR & TXV	13.00	—	—	—	11.15	45,000	3.72	28,200	2.60	8.4
	CE3AA060	44,000	TDR	—	13.00	—	—	11.10	45,000	3.50	27,800	2.52	8.0
	CK3BA060	44,000	TDR	—	13.00	—	—	11.05	45,000	3.62	28,000	2.56	8.4
	CK5A/CK5BA060	44,000	TDR	—	13.00	—	—	11.05	45,000	3.62	28,000	2.56	8.4
	CK5A/CK5BT060	44,000	TDR	—	13.00	—	—	11.05	45,000	3.62	28,000	2.56	8.4
	CK5A/CK5BX060	44,000	TDR	—	13.00	—	—	11.25	45,000	3.66	27,800	2.58	8.4
	CK5PA060	44,000	TDR & TXV	13.00	—	—	—	11.05	45,000	3.62	28,000	2.56	8.4
	CK5PT060	44,000	TDR & TXV	13.00	—	—	—	11.05	45,000	3.62	28,000	2.56	8.4
	CK5PX060	44,000	TDR & TXV	13.00	—	—	—	11.25	45,000	3.66	27,800	2.58	8.4
	COILS + 58MVP080-20 VARIABLE SPEED FURNACE												
	CC5A/CD5AA060	42,000	TDR	—	12.20	—	—	10.30	45,000	3.18	28,000	2.34	7.5
	CD5PX060	43,500	TDR & TXV	12.50	—	—	—	10.60	45,000	3.62	28,400	2.52	8.0
	CE3AA060	43,000	TDR	—	12.50	—	—	10.55	45,000	3.38	28,200	2.44	8.0
	CK3BA060	43,000	TDR	—	12.50	—	—	10.55	45,000	3.50	28,200	2.48	8.0
	CK5A/CK5BA048	42,000	TDR	—	12.20	—	—	10.25	45,000	3.36	28,200	2.40	8.0
	CK5A/CK5BA060	43,000	TDR	—	12.60	—	—	10.55	45,000	3.52	28,200	2.50	8.0
	CK5A/CK5BT060	43,000	TDR	—	12.60	—	—	10.55	45,500	3.52	28,200	2.50	8.0
	CK5A/CK5BX060	43,500	TDR	—	12.80	—	—	10.65	45,000	3.52	28,400	2.50	8.0
	CK5PA060	43,000	TDR & TXV	12.50	—	—	—	10.55	45,500	3.52	28,200	2.50	8.0
	CK5PT060	43,000	TDR & TXV	12.50	—	—	—	10.55	45,500	3.52	28,200	2.50	8.0
	CK5PX060	43,500	TDR & TXV	12.50	—	—	—	10.65	45,500	3.52	28,400	2.50	8.0
	COILS + 58MVP100-20 VARIABLE SPEED FURNACE												
	CC5A/CD5AA060	42,000	TDR	—	12.50	—	—	10.35	45,000	3.18	28,000	2.36	7.5
	CD5PX060	43,500	TDR & TXV	12.50	—	—	—	10.70	45,000	3.64	28,400	2.54	8.5
	CE3AA060	43,000	TDR	—	12.50	—	—	10.65	45,000	3.40	28,200	2.46	8.0
	CK3BA060	43,000	TDR	—	12.50	—	—	10.65	45,000	3.52	28,200	2.50	8.0
	CK5A/CK5BA048	42,000	TDR	—	12.30	—	—	10.35	45,000	3.34	28,000	2.42	8.0
	CK5A/CK5BA060	43,000	TDR	—	12.80	—	—	10.65	45,000	3.54	28,200	2.50	8.0
	CK5A/CK5BT060	43,000	TDR	—	12.80	—	—	10.65	45,000	3.54	28,200	2.50	8.0
	CK5A/CK5BX060	43,500	TDR	—	12.80	—	—	10.75	46,000	3.54	28,200	2.52	8.0
CK5PA060	43,000	TDR & TXV	12.50	—	—	—	10.65	45,000	3.54	28,200	2.50	8.0	
CK5PT060	43,000	TDR & TXV	12.50	—	—	—	10.65	45,000	3.54	28,200	2.50	8.0	
CK5PX060	43,500	TDR & TXV	12.70	—	—	—	10.75	45,500	3.54	28,200	2.52	8.0	
COILS + 58MVP120-20 VARIABLE SPEED FURNACE													
CC5A/CD5AA060	42,000	TDR	—	12.50	—	—	10.40	44,500	3.18	27,800	2.36	7.7	
CD5PX060	43,500	TDR & TXV	12.60	—	—	—	10.70	45,000	3.64	28,400	2.54	8.5	
CE3AA060	43,000	TDR	—	12.50	—	—	10.65	45,000	3.40	28,000	2.46	8.0	
CK3BA060	43,000	TDR	—	12.50	—	—	10.65	45,000	3.52	28,200	2.50	8.0	
CK5A/CK5BA048	42,000	TDR	—	12.50	—	—	10.35	45,000	3.34	28,000	2.42	7.8	
CK5A/CK5BA060	43,000	TDR	—	12.80	—	—	10.65	45,000	3.52	28,200	2.50	8.0	
CK5A/CK5BT060	43,000	TDR	—	12.80	—	—	10.65	45,000	3.52	28,200	2.50	8.0	
CK5A/CK5BX060	43,500	TDR	—	12.80	—	—	10.80	45,000	3.54	28,200	2.52	8.0	
CK5PA060	43,000	TDR & TXV	12.50	—	—	—	10.65	45,000	3.52	28,200	2.50	8.0	
CK5PT060	43,000	TDR & TXV	12.50	—	—	—	10.65	45,000	3.52	28,200	2.50	8.0	
CK5PX060	43,500	TDR & TXV	12.80	—	—	—	10.80	45,000	3.54	28,200	2.52	8.0	
060-30, 50	*FX4(A,B)NB060	57,000	TDR & TXV	12.00	—	—	—	9.95	60,000	3.34	37,800	2.38	7.8
	CC5A/CD5AW060	55,000	NONE	—	—	12.00	—	9.80	59,000	3.10	37,000	2.28	7.5
	CK5A/CK5BX060	55,000	NONE	—	—	12.00	—	9.95	59,000	3.26	37,200	2.34	7.6
	CK5PX060	55,000	TXV	—	—	—	12.00	9.95	59,000	3.26	37,200	2.34	7.6
	FB4(A,B)NB070	57,000	TDR	—	12.00	—	—	9.95	60,000	3.34	37,800	2.38	7.8
	FC4(B,C)NB070	57,000	TDR & TXV	—	12.00	—	—	9.95	60,000	3.34	37,800	2.38	8.0
	FK4(C,D)NB006	57,500	TDR & TXV	—	12.50	—	—	10.50	59,500	3.44	37,000	2.46	8.0
	FV4(A,B)NB006	57,500	TDR & TXV	12.50	—	—	—	10.50	59,500	3.44	37,000	2.44	8.0
	COILS + 58CV(A,X)110-22 VARIABLE SPEED FURNACE												
	CD5PX060	56,000	TDR & TXV	12.50	—	—	—	10.25	59,000	3.40	37,000	2.42	7.8
	CK3BA060	56,000	TDR	—	12.00	—	—	10.15	59,000	3.32	36,800	2.38	7.8

See notes on pg. 19.

Detailed cooling capacities* continued

UNIT SIZE-SERIES	INDOOR UNIT	ARI STANDARD RATINGS*												
		Cooling							Heating					
		TC	Seasonal Efficiency SEER				EER	High-Temp		Low-Temp		HSPF		
			Factory-Supplied Enhancement	Standard Rating	Field-Supplied Accessory‡									
					Puron TXV	Puron TXV & TDR**		TDR	TC	COP	TC		COP	
060-30, 50	CK5A/CK5BA060	56,000	TDR	—	12.00	—	—	10.15	59,000	3.32	36,800	2.38	7.8	
	CK5A/CK5BT060	56,000	TDR	—	12.00	—	—	10.15	59,000	3.32	36,800	2.38	7.8	
	CK5A/CK5BX060	56,000	TDR	—	12.50	—	—	10.40	59,000	3.38	36,800	2.42	7.8	
	CK5PA060	56,000	TDR & TXV	12.00	—	—	—	10.15	59,000	3.32	36,800	2.38	7.8	
	CK5PT060	56,000	TDR & TXV	12.00	—	—	—	10.15	59,000	3.32	36,800	2.38	7.8	
	CK5PX060	56,000	TDR & TXV	12.50	—	—	—	10.40	59,000	3.38	36,800	2.42	7.8	
	COILS + 58CV(A,X)135-22 VARIABLE SPEED FURNACE													
	CC5A/CD5AW060	56,000	TDR	—	12.00	—	—	10.25	59,000	3.18	36,400	2.34	7.7	
	CD5PX060	55,000	TDR & TXV	12.00	—	—	—	10.00	59,000	3.38	37,000	2.42	7.8	
	CK3BA060	56,000	TDR	—	12.00	—	—	10.15	59,000	3.30	36,800	2.38	7.8	
	CK5A/CK5BA060	56,000	TDR	—	12.00	—	—	10.15	59,000	3.30	36,800	2.38	7.8	
	CK5A/CK5BT060	56,000	TDR	—	12.00	—	—	10.15	59,000	3.30	36,800	2.38	7.8	
	CK5A/CK5BX060	56,000	TDR	—	12.50	—	—	10.40	59,000	3.36	36,800	2.42	7.8	
	CK5PA060	56,000	TDR & TXV	12.00	—	—	—	10.15	59,000	3.30	36,800	2.38	7.8	
	CK5PT060	56,000	TDR & TXV	12.00	—	—	—	10.15	59,000	3.30	36,800	2.38	7.8	
	CK5PX060	56,000	TDR & TXV	12.50	—	—	—	10.40	59,000	3.36	36,800	2.42	7.8	
	COILS + 58CV(A,X)155-22 VARIABLE SPEED FURNACE													
	CC5A/CD5AW060	56,000	TDR	—	12.50	—	—	10.30	59,000	3.20	36,200	2.34	7.8	
	CD5PX060	55,000	TDR & TXV	12.00	—	—	—	10.10	59,000	3.40	37,000	2.44	7.8	
	CK3BA060	56,000	TDR	—	12.00	—	—	10.25	59,000	3.32	36,600	2.40	7.8	
	CK5A/CK5BA060	56,000	TDR	—	12.00	—	—	10.25	59,000	3.32	36,600	2.40	7.8	
	CK5A/CK5BT060	56,000	TDR	—	12.00	—	—	10.25	59,000	3.32	36,600	2.40	7.8	
	CK5A/CK5BX060	56,000	TDR	—	12.50	—	—	10.45	59,000	3.38	36,600	2.42	7.8	
	CK5PA060	56,000	TDR & TXV	12.00	—	—	—	10.25	59,000	3.32	36,600	2.40	7.8	
	CK5PT060	56,000	TDR & TXV	12.00	—	—	—	10.25	59,000	3.32	36,600	2.40	7.8	
	CK5PX060	56,000	TDR & TXV	12.50	—	—	—	10.45	59,000	3.38	36,600	2.42	7.8	
	COILS + 58MVP080-20 VARIABLE SPEED FURNACE													
	CD5PX060	53,000	TDR & TXV	11.00	—	—	—	9.30	60,000	3.28	38,500	2.36	7.8	
	CK3BA060	53,000	TDR	—	11.20	—	—	9.30	60,000	3.20	38,500	2.34	7.5	
	CK5A/CK5BA060	52,500	TDR	—	11.20	—	—	9.25	60,000	3.20	38,500	2.34	7.5	
	CK5A/CK5BT060	53,000	TDR	—	11.20	—	—	9.30	60,000	3.20	38,500	2.34	7.5	
	CK5A/CK5BX060	52,500	TDR	—	11.30	—	—	9.40	60,000	3.22	38,500	2.36	7.8	
	CK5PA060	52,500	TDR & TXV	11.20	—	—	—	9.25	60,000	3.20	38,500	2.34	7.5	
	CK5PT060	53,000	TDR & TXV	11.20	—	—	—	9.30	60,000	3.20	38,500	2.34	7.5	
	CK5PX060	53,500	TDR & TXV	11.30	—	—	—	9.40	60,000	3.22	38,500	2.36	7.8	
	COILS + 58MVP100-20 VARIABLE SPEED FURNACE													
	CD5PX060	53,000	TDR & TXV	11.30	—	—	—	9.40	60,000	3.30	38,500	2.38	7.8	
	CK3BA060	52,500	TDR	—	11.30	—	—	9.40	60,000	3.22	38,000	2.36	7.8	
	CK5A/CK5BA060	53,000	TDR	—	11.30	—	—	9.45	60,000	3.22	38,000	2.36	7.8	
	CK5A/CK5BT060	52,500	TDR	—	11.30	—	—	9.40	60,000	3.22	38,000	2.36	7.8	
	CK5A/CK5BX060	53,500	TDR	—	11.50	—	—	9.50	60,000	3.24	38,500	2.38	7.8	
	CK5PA060	52,500	TDR & TXV	11.50	—	—	—	9.40	60,000	3.22	38,000	2.36	7.8	
	CK5PT060	52,500	TDR & TXV	11.50	—	—	—	9.40	60,000	3.22	38,000	2.36	7.8	
	CK5PX060	53,500	TDR & TXV	11.50	—	—	—	9.50	60,000	3.24	38,500	2.38	7.8	
	COILS + 58MVP120-20 VARIABLE SPEED FURNACE													
	CK3BA060	52,500	TDR	—	11.50	—	—	9.50	60,000	3.22	38,000	2.36	7.8	
	CK5A/CK5BA060	52,500	TDR	—	11.50	—	—	9.50	60,000	3.22	38,000	2.36	7.8	
	CK5A/CK5BT060	52,500	TDR	—	11.50	—	—	9.50	60,000	3.22	38,000	2.36	7.8	
	CK5A/CK5BX060	53,500	TDR	—	11.50	—	—	9.60	60,000	3.26	38,000	2.38	7.8	
	CK5PA060	52,500	TDR & TXV	11.50	—	—	—	9.50	60,000	3.22	38,000	2.36	7.8	
	CK5PT060	52,500	TDR & TXV	11.50	—	—	—	9.50	60,000	3.22	38,000	2.36	7.8	
	CK5PX060	53,500	TDR & TXV	11.70	—	—	—	9.60	60,000	3.26	38,000	2.38	7.8	

* 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.

† Outdoor section/indoor section combination tested in accordance with DOE test procedures for heat pumps. Ratings for other combinations are determined under DOE computer simulation procedures.

‡ Based on computer simulation. TXV must be Puron compatible and hard shutoff type.

** In most cases, only 1 method should be used to achieve TDR function. Using more than 1 method in a system may cause degradation in performance. Use either the accessory Time-Delay Relay KAATD0101TDR or a furnace equipped with TDR. All Carrier furnaces are equipped with TDR except for the 58GFA.

†† Indoor Airflow

‡‡ Must replace factory-supplied R-22 TXV with Puron TXV.

SEER — Seasonal Energy Efficiency Ratio

COP — Coefficient of Performance

HSPF — Heating Seasonal Performance Factor

EER — Energy Efficiency Ratio

TC — Total Capacity (Btuh)

TDR — Time-Delay Relay

TXV — Thermostatic Expansion Valve

Detailed cooling capacities*

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																							
		75				85				95				105				115				125			
		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**	Capacity MBtuh†		Total Sys- tem kW**						
CFM	EWB	Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡				
38EYG018-30 Outdoor Section With FX4(A,B)NF024 Indoor Section																									
525	72	23.1	11.1	1.50	21.1	10.4	1.61	19.2	9.66	1.72	17.4	9.03	1.83	15.8	8.45	1.93	14.2	7.92	2.05						
	67	20.6	13.6	1.48	18.8	12.8	1.58	17.1	12.1	1.68	15.6	11.5	1.78	14.2	10.9	1.88	12.8	10.4	1.99						
	63††	18.8	13.1	1.46	17.1	12.3	1.56	15.6	11.6	1.65	14.2	11.0	1.74	13.0	10.5	1.84	11.7	9.98	1.95						
	62	18.4	16.0	1.46	16.8	15.2	1.55	15.3	14.5	1.64	14.0	13.8	1.74	13.0	13.0	1.84	12	12	1.96						
600	57	23.8	11.7	1.53	21.6	10.9	1.64	19.6	10.2	1.75	17.8	9.52	1.86	16.0	8.93	1.97	14.4	8.39	2.08						
	72	21.2	14.5	1.51	19.3	13.7	1.61	17.5	13	1.71	15.9	12.3	1.81	14.4	11.8	1.92	13.0	11.2	2.03						
	67	19.4	13.9	1.49	17.6	13.1	1.59	16	12.4	1.68	14.5	11.8	1.78	13.2	11.2	1.88	11.9	10.7	1.98						
	63††	19.0	17.2	1.49	17.3	16.4	1.58	15.8	15.6	1.68	14.6	14.6	1.78	13.5	13.5	1.89	12.4	12.4	2.00						
675	62	18.2	18.2	1.48	16.9	16.9	1.58	15.7	15.7	1.67	14.6	14.6	1.78	13.5	13.5	1.89	12.4	12.4	2.00						
	57	24.3	12.2	1.56	22.0	11.4	1.67	19.9	10.6	1.78	18.0	9.99	1.89	16.2	9.38	2.00	14.5	8.84	2.11						
	72	21.7	15.3	1.54	19.7	14.5	1.64	17.8	13.8	1.74	16.1	13.1	1.84	14.6	12.5	1.95	13.1	11.9	2.06						
	67	19.8	14.7	1.52	17.9	13.9	1.62	16.2	13.2	1.71	14.7	12.5	1.81	13.4	11.9	1.91	12.1	11.4	2.01						
675	63††	19.5	18.3	1.52	17.7	17.4	1.61	16.3	16.3	1.71	15.1	15.1	1.82	13.9	13.9	1.93	12.8	12.8	2.04						
	62	19.0	19.0	1.51	17.6	17.6	1.61	16.3	16.3	1.71	15.1	15.1	1.82	13.9	13.9	1.93	12.8	12.8	2.04						

Multipliers for Determining the Performance With Other Indoor Sections.

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	024	1.00	1.02	CK5PW	024	1.00	0.91
CC5A/CD5AW	024	1.00	1.02		030	1.00	0.91
CE3AA	024	1.00	1.01	COILS + 58CV(A,X)090-16 VARIABLE SPEED FURNACE			
CF5AA	024	1.00	1.01	CK5PA	024	1.00	0.92
CK3BA	024	1.00	1.00		030	1.00	0.91
CK5A/CK5BA	024	1.00	1.00	CK5PW	024	1.00	0.92
CK5A/CK5BW	024	1.00	1.00		030	1.00	0.91
CK5PA	024	1.00	1.00	COILS + 58MVP040-14 VARIABLE SPEED FURNACE			
	030	1.00	1.00	CE3AA	024	1.00	0.93
CK5PW	024	1.00	1.00	COILS + 58MVP060-14 VARIABLE SPEED FURNACE			
	030	1.00	1.00	CC5A/CD5AA	024	1.00	0.93
F(A,B)4(A,B)N(F,C)	024	1.00	1.00	CC5A/CD5AW	024	1.00	0.93
FC4(B,C)NF	024	1.00	1.00	CE3AA	024	1.00	0.93
FF1DNA	024	1.00	1.01	CK3BA	024	1.00	0.92
FG3AAA	024	1.00	1.03	CK5A/CK5BA	024	1.00	0.92
FK4(C,D)NF	002	1.00	0.89	CK5A/CK5BW	024	1.00	0.92
FV4(A,B)NF	002	1.00	0.89	CK5PA	024	1.00	0.92
FX4(A,B)NF	018	1.00	1.00		030	1.00	0.91
COILS + 58CV(A,X)070-12 VARIABLE SPEED FURNACE				CK5PW	024	1.00	0.92
CC5A/CD5AA	024	1.00	0.94		030	1.00	0.91
CC5A/CD5AW	024	1.00	0.94	COILS + 58MVP080-14 VARIABLE SPEED FURNACE			
CE3AA	024	1.00	0.93	CC5A/CD5AW	024	1.00	0.93
CK3BA	024	1.00	0.91	CE3AA	024	1.00	0.93
CK5A/CK5BA	024	1.00	0.91	CK3BA	024	1.00	0.91
CK5A/CK5BW	024	1.00	0.91	CK5A/CK5BW	024	1.00	0.92
CK5PA	024	1.00	0.91	CK5PW	024	1.00	0.92
	030	1.00	0.92		030	1.00	0.91

See notes on pg. 32.

Detailed cooling capacities* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
CFM	EWB	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**	Capacity MBtuh†		Total Sys-tem kW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
38EYG024-30 Outdoor Section With FX4(A,B)NF030 Indoor Section																			
700	72	28.6	14.1	1.95	27.2	13.6	2.18	25.7	13.0	2.43	24.1	12.4	2.71	22.4	11.8	3.00	20.4	11.2	3.30
	67	26.2	17.7	1.94	24.9	17.2	2.17	23.6	16.6	2.41	22.1	16.0	2.68	20.5	15.4	2.97	18.8	14.7	3.27
	63††	24.4	17.3	1.93	23.2	16.7	2.15	21.9	16.2	2.40	20.6	15.6	2.66	19.1	14.9	2.95	17.5	14.3	3.24
	62	24.0	21.3	1.93	22.8	20.7	2.15	21.6	20.1	2.40	20.3	19.5	2.66	18.9	18.7	2.94	17.6	17.6	3.24
	57	23.0	23.0	1.92	22.1	22.1	2.15	21.1	21.1	2.39	20.0	20.0	2.66	18.9	18.9	2.94	17.5	17.5	3.24
825	72	29.2	14.9	2.00	27.7	14.3	2.23	26.2	13.8	2.48	24.5	13.2	2.75	22.7	12.6	3.04	20.7	11.9	3.34
	67	26.8	19.1	1.98	25.4	18.5	2.21	24.0	18.0	2.46	22.5	17.4	2.73	20.8	16.7	3.02	19.0	16.1	3.31
	63††	25.0	18.6	1.97	23.7	18.0	2.20	22.4	17.4	2.45	21.0	16.8	2.71	19.4	16.2	2.99	17.8	15.5	3.29
	62	24.6	23.1	1.97	23.4	22.5	2.20	22.2	21.9	2.44	20.9	20.9	2.71	19.7	19.7	3.00	18.2	18.2	3.30
	57	24.1	24.1	1.97	23.1	23.1	2.20	22.1	22.1	2.44	20.9	20.9	2.71	19.6	19.6	3.00	18.2	18.2	3.30
950	72	29.7	15.7	2.04	28.1	15.1	2.27	26.5	14.5	2.52	24.8	14.0	2.79	22.9	13.4	3.09	20.8	12.7	3.39
	67	27.2	20.4	2.03	25.8	19.8	2.25	24.3	19.3	2.50	22.8	18.7	2.77	21.1	18.0	3.06	19.2	17.3	3.36
	63††	25.4	19.8	2.02	24.1	19.2	2.24	22.7	18.6	2.49	21.2	18.0	2.76	19.7	17.3	3.04	17.9	16.6	3.34
	62	25.2	24.8	2.02	24.0	24.0	2.24	22.8	22.8	2.49	21.6	21.6	2.76	20.3	20.3	3.05	18.7	18.7	3.35
	57	25.1	25.1	2.02	24.0	24.0	2.24	22.8	22.8	2.49	21.6	21.6	2.76	20.3	20.3	3.05	18.7	18.7	3.35

Multipliers for Determining the Performance With Other Indoor Sections.

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	036	1.00	1.01	CK5PT	036	1.00	0.92
CC5A/CD5AW	036	1.00	1.01	COILS + 58MVP040-14 VARIABLE SPEED FURNACE			
CE3AA	024	0.97	1.00	CE3AA	030	0.98	0.92
	030	0.98	1.00	COILS + 58MVP060-14 VARIABLE SPEED FURNACE			
	036	1.00	1.02	CC5A/CD5AA	036	1.00	0.92
CF5AA	036	1.00	1.02	CE3AA	030	0.98	0.91
CK3BA	030	0.98	1.00	CK3BA	030	0.98	0.91
	036	1.00	1.01	CK5A/CK5BA	030	0.98	0.91
CK5A/CK5BA	036	1.00	1.01	CK5A/CK5BW	030	0.98	0.91
CK5A/CK5BW	036	1.00	1.01	CK5PA	030	0.98	0.91
CK5PA	030	0.98	1.00	CK5PW	030	0.98	0.91
	036	1.00	1.01	COILS + 58MVP080-14 VARIABLE SPEED FURNACE			
CK5PW	036	1.00	1.01	CE3AA	030	0.98	0.92
F(A,B)4(A,B)N(F,C)	030	0.98	0.99	CK3BA	030	0.98	0.91
	036	1.00	1.04	CK5A/CK5BW	030	0.98	0.91
FC4(B,C)NF	030	0.98	0.99	CK5PW	030	0.98	0.91
	036	1.00	1.04	COILS + 58MVP080-20 VARIABLE SPEED FURNACE			
FF1DNA	030	0.98	1.00	CE3AA	030	0.98	0.91
FG3AAA	036	0.98	1.00	CK3BA	030	0.98	0.91
FK4(C,D)NF	001	1.00	0.93	CK5A/CK5BW	030	0.98	0.91
	002	1.00	0.92	CK5PW	030	0.98	0.91
FV4(A,B)NF	002	1.00	0.92	COILS + 58MVP100-20 VARIABLE SPEED FURNACE			
FX4(A,B)NF	030	1.00	1.00	CE3AA	030	0.98	0.91
COILS + 58CV(A,X)070-12 VARIABLE SPEED FURNACE				CK3BA	030	0.98	0.91
CE3AA	036	1.00	0.93	CK5A/CK5BW	030	0.98	0.92
CK3BA	036	1.00	0.92	CK5PW	030	0.98	0.92
CK5A/CK5BA	036	1.00	0.92	COILS + 58MVP120-20 VARIABLE SPEED FURNACE			
CK5A/CK5BT	036	1.00	0.92	CE3AA	030	0.97	0.91
CK5PA	036	1.00	0.92		—	—	—

See notes on pg. 32.

Detailed cooling capacities* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
CFM	EWB	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
38EYG030-30 Outdoor Section With FX4(A,B)NF030 Indoor Section																			
900	72	33.6	17.1	2.22	31.9	16.5	2.45	30.2	15.9	2.71	28.3	15.2	2.99	26.3	14.5	3.31	24.0	13.7	3.65
	67	30.8	21.9	2.20	29.2	21.3	2.43	27.6	20.6	2.69	25.9	20.0	2.97	24.0	19.3	3.29	21.9	18.4	3.63
	63††	28.6	21.3	2.19	27.2	20.6	2.42	25.7	20.0	2.67	24.1	19.3	2.96	22.4	18.6	3.28	20.4	17.7	3.62
	62	28.2	26.5	2.19	26.8	25.9	2.42	25.4	25.1	2.67	24.0	24.0	2.96	22.5	22.5	3.28	20.9	20.9	3.63
	57	27.6	27.6	2.18	26.5	26.5	2.41	25.3	25.3	2.67	24.0	24.0	2.96	22.6	22.6	3.28	20.9	20.9	3.63
1050	72	34.2	18.0	2.28	32.4	17.4	2.51	30.6	16.8	2.77	28.6	16.1	3.05	26.5	15.4	3.36	24.1	14.6	3.71
	67	31.3	23.5	2.26	29.7	22.9	2.49	28.0	22.3	2.75	26.2	21.6	3.03	24.3	20.8	3.35	22.1	20.0	3.69
	63††	29.2	22.8	2.25	27.7	22.2	2.48	26.1	21.5	2.73	24.4	20.8	3.02	22.6	20.0	3.33	20.6	19.2	3.68
	62	28.9	28.6	2.24	27.6	27.6	2.48	26.3	26.3	2.73	24.9	24.9	3.02	23.3	23.3	3.34	21.6	21.6	3.69
	57	28.8	28.8	2.24	27.6	27.6	2.48	26.2	26.2	2.73	24.9	24.9	3.02	23.3	23.3	3.34	21.6	21.6	3.69
1200	72	34.6	18.9	2.34	32.8	18.3	2.57	30.9	17.7	2.82	28.9	17.0	3.11	26.7	16.3	3.42	24.3	15.6	3.76
	67	31.7	25.1	2.32	30.0	24.5	2.55	28.3	23.8	2.80	26.5	23.1	3.09	24.5	22.3	3.40	22.3	21.4	3.75
	63††	29.5	24.3	2.30	28.0	23.6	2.53	26.4	22.9	2.79	24.7	22.2	3.08	22.8	21.4	3.39	20.8	20.4	3.74
	62	29.7	29.7	2.30	28.4	28.4	2.54	27.0	27.0	2.79	25.5	25.5	3.08	23.9	23.9	3.40	22.1	22.1	3.75
	57	29.7	29.7	2.31	28.4	28.4	2.54	27.0	27.0	2.79	25.5	25.5	3.08	23.9	23.9	3.40	22.1	22.1	3.75

Multipliers for Determining the Performance With Other Indoor Sections.

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	036	1.00	1.00	CK5PT	036	1.00	0.91
CC5A/CD5AW	036	1.00	1.00	CK5PW	036	1.00	0.91
CE3AA	036	1.00	1.01	COILS + 58MVP040-14 VARIABLE SPEED FURNACE			
CF5AA	036	1.00	1.01	CC5A/CD5AW	036	1.00	0.90
CK3BA	036	1.00	1.00	CE3AA	036	0.99	0.90
CK5A/CK5BA	036	1.00	1.00	CK5A/CK5BW	036	1.00	0.90
CK5A/CK5BW	036	1.00	1.00	CK5PW	036	1.00	0.90
CK5PA	036	1.00	1.00	COILS + 58MVP060-14 VARIABLE SPEED FURNACE			
CK5PW	036	1.00	1.00	CC5A/CD5AW	036	1.00	0.90
F(A,B)4(A,B)N(F,C)	036	1.00	1.03	CE3AA	036	0.99	0.90
FC4(B,C)NF	036	1.00	1.03	CK3BA	036	1.00	0.90
FG3AAA	036	1.00	1.02	CK5A/CK5BA	036	1.00	0.90
FK4(C,D)NF	002	1.00	0.92	CK5A/CK5BT	036	1.00	0.90
	003	1.00	0.90	CK5A/CK5BW	036	1.00	0.89
FV4(A,B)NF	002	1.00	0.92	CK5PA	036	1.00	0.90
	003	1.00	0.89	CK5PT	036	1.00	0.90
FX4(A,B)NF	030	1.00	1.00	CK5PW	036	1.00	0.89
COILS + 58CV(A,X)070-12 VARIABLE SPEED FURNACE				COILS + 58MVP080-14 VARIABLE SPEED FURNACE			
CE3AA	036	1.00	0.94	CC5A/CD5AA	036	1.00	0.90
CK3BA	036	1.00	0.92	CC5A/CD5AW	036	1.00	0.90
CK5A/CK5BA	036	1.00	0.92	CE3AA	036	0.99	0.90
CK5A/CK5BT	036	1.00	0.92	CK3BA	036	1.00	0.90
CK5PA	036	1.00	0.92	CK5A/CK5BA	036	1.00	0.90
CK5PT	036	1.00	0.92	CK5A/CK5BT	036	1.00	0.90
COILS + 58CV(A,X)090-16 VARIABLE SPEED FURNACE				CK5A/CK5BW	036	1.00	0.90
CC5A/CD5AA	036	1.00	0.91	CK5PA	036	1.00	0.90
CC5A/CD5AW	036	1.00	0.91	CK5PT	036	1.00	0.90
CE3AA	036	1.00	0.92	CK5PW	036	1.00	0.90
CK3BA	036	1.00	0.91	COILS + 58MVP080-20 VARIABLE SPEED FURNACE			
CK5A/CK5BA	036	1.00	0.91	CC5A/CD5AA	036	1.00	0.90
CK5A/CK5BW	036	1.00	0.91	CC5A/CD5AW	036	1.00	0.90
CK5PA	036	1.00	0.91		—	—	—

See notes on pg. 32.

Detailed cooling capacities* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
CFM	EWB	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
38EYG030-30 Outdoor Section With FX4(A,B)NF030 Indoor Section continued																			
900	72	33.6	17.1	2.22	31.9	16.5	2.45	30.2	15.9	2.71	28.3	15.2	2.99	26.3	14.5	3.31	24.0	13.7	3.65
	67	30.8	21.9	2.20	29.2	21.3	2.43	27.6	20.6	2.69	25.9	20.0	2.97	24.0	19.3	3.29	21.9	18.4	3.63
	63††	28.6	21.3	2.19	27.2	20.6	2.42	25.7	20.0	2.67	24.1	19.3	2.96	22.4	18.6	3.28	20.4	17.7	3.62
	62	28.2	26.5	2.19	26.8	25.9	2.42	25.4	25.1	2.67	24.0	24.0	2.96	22.5	22.5	3.28	20.9	20.9	3.63
	57	27.6	27.6	2.18	26.5	26.5	2.41	25.3	25.3	2.67	24.0	24.0	2.96	22.6	22.6	3.28	20.9	20.9	3.63
1050	72	34.2	18.0	2.28	32.4	17.4	2.51	30.6	16.8	2.77	28.6	16.1	3.05	26.5	15.4	3.36	24.1	14.6	3.71
	67	31.3	23.5	2.26	29.7	22.9	2.49	28.0	22.3	2.75	26.2	21.6	3.03	24.3	20.8	3.35	22.1	20.0	3.69
	63††	29.2	22.8	2.25	27.7	22.2	2.48	26.1	21.5	2.73	24.4	20.8	3.02	22.6	20.0	3.33	20.6	19.2	3.68
	62	28.9	28.6	2.24	27.6	27.6	2.48	26.3	26.3	2.73	24.9	24.9	3.02	23.3	23.3	3.34	21.6	21.6	3.69
	57	28.8	28.8	2.24	27.6	27.6	2.48	26.2	26.2	2.73	24.9	24.9	3.02	23.3	23.3	3.34	21.6	21.6	3.69
1200	72	34.6	18.9	2.34	32.8	18.3	2.57	30.9	17.7	2.82	28.9	17.0	3.11	26.7	16.3	3.42	24.3	15.6	3.76
	67	31.7	25.1	2.32	30.0	24.5	2.55	28.3	23.8	2.80	26.5	23.1	3.09	24.5	22.3	3.40	22.3	21.4	3.75
	63††	29.5	24.3	2.30	28.0	23.6	2.53	26.4	22.9	2.79	24.7	22.2	3.08	22.8	21.4	3.39	20.8	20.4	3.74
	62	29.7	29.7	2.30	28.4	28.4	2.54	27.0	27.0	2.79	25.5	25.5	3.08	23.9	23.9	3.40	22.1	22.1	3.75
	57	29.7	29.7	2.31	28.4	28.4	2.54	27.0	27.0	2.79	25.5	25.5	3.08	23.9	23.9	3.40	22.1	22.1	3.75

Multipliers for Determining the Performance With Other Indoor Sections.

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CE3AA	036	0.99	0.90	CK3BA	036	1.00	0.89
CK3BA	036	1.00	0.90	CK5A/CK5BA	036	1.00	0.89
CK5A/CK5BA	036	1.00	0.90	CK5A/CK5BT	036	1.00	0.89
CK5A/CK5BT	036	1.00	0.90	CK5A/CK5BW	036	1.00	0.89
CK5A/CK5BW	036	1.00	0.89	CK5PA	036	1.00	0.89
CK5PA	036	1.00	0.90	CK5PT	036	1.00	0.89
CK5PT	036	1.00	0.90	CK5PW	036	1.00	0.89
CK5PW	036	1.00	0.89	COILS + 58MVP120-20 VARIABLE SPEED FURNACE			
COILS + 58MVP100-20 VARIABLE SPEED FURNACE				CC5A/CD5AW	036	1.00	0.89
CC5A/CD5AA	036	1.00	0.90	CE3AA	036	0.99	0.89
CC5A/CD5AW	036	1.00	0.89	CK5A/CK5BW	036	1.00	0.89
CE3AA	036	0.99	0.90	CK5PW	036	1.00	0.89

See notes on pg. 32.

Detailed cooling capacities* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
CFM	EWB	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
38EYG036-30, 50 Outdoor Section With FX4(A,B)NF036 Indoor Section																			
1050	72	40.7	20.3	2.62	38.7	19.6	2.92	36.5	18.8	3.25	34.2	18.0	3.62	31.6	17.1	4.00	28.7	16.1	4.41
	67	37.3	25.9	2.61	35.4	25.2	2.91	33.4	24.4	3.24	31.2	23.5	3.60	28.9	22.6	3.98	26.2	21.6	4.38
	63††	34.7	25.2	2.61	33.0	24.5	2.90	31.1	23.6	3.23	29.1	22.8	3.58	26.8	21.8	3.96	24.2	20.7	4.36
	62	34.2	31.4	2.60	32.5	30.5	2.90	30.7	29.6	3.23	28.8	28.6	3.58	26.9	26.9	3.96	24.8	24.8	4.36
	57	33.2	33.2	2.60	31.8	31.8	2.90	30.3	30.3	3.22	28.7	28.7	3.58	26.9	26.9	3.96	24.8	24.8	4.37
1275	72	41.6	21.7	2.71	39.5	21.0	3.01	37.2	20.2	3.35	34.7	19.4	3.71	32.0	18.5	4.09	28.9	17.5	4.50
	67	38.1	28.3	2.70	36.1	27.6	3.00	34.0	26.8	3.33	31.8	25.9	3.69	29.3	24.9	4.07	26.5	23.8	4.48
	63††	35.5	27.5	2.70	33.6	26.7	2.99	31.7	25.9	3.32	29.6	25.0	3.67	27.2	24.0	4.05	24.6	22.8	4.45
	62	35.2	34.4	2.69	33.5	33.4	2.99	31.8	31.8	3.32	30.0	30.0	3.68	28.1	28.1	4.06	25.8	25.8	4.47
	57	34.9	34.9	2.69	33.4	33.4	2.99	31.8	31.8	3.32	30.0	30.0	3.67	28.1	28.1	4.06	25.8	25.8	4.47
1500	72	42.1	23.0	2.80	39.9	22.3	3.10	37.5	21.5	3.44	35.1	20.7	3.80	32.3	19.8	4.19	29.1	18.8	4.60
	67	38.7	30.7	2.79	36.6	29.9	3.09	34.4	29.0	3.42	32.1	28.1	3.78	29.6	27.1	4.16	26.8	25.8	4.57
	63††	36.1	29.6	2.78	34.1	28.8	3.08	32.1	27.9	3.41	29.9	27.0	3.76	27.5	25.9	4.14	24.9	24.5	4.55
	62	36.3	36.3	2.78	34.6	34.6	3.08	32.9	32.9	3.41	31.0	31.0	3.77	28.9	28.9	4.16	26.5	26.5	4.57
	57	36.2	36.2	2.78	34.6	34.6	3.08	32.9	32.9	3.41	31.0	31.0	3.77	28.9	28.9	4.16	26.5	26.5	4.57

Multipliers for Determining the Performance With Other Indoor Sections.

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	042	0.98	0.97	FV4(A,B)NF	003	1.00	0.90
CC5A/CD5AC	048	0.97	0.97		005	1.03	0.89
CC5A/CD5AW	042	0.98	0.98	FV4BNF	002	1.00	0.90
	048	1.00	0.99	FX4(A,B)NF	036	1.00	1.00
CD5AA	048	1.00	0.99		042	1.01	1.00
CE3AA	042	0.99	0.97	COILS + 58CV(A,X)070-12 VARIABLE SPEED FURNACE			
	048	1.00	0.98	CE3AA	042	0.98	0.89
CF5AA	048	1.00	0.99	CK5A/CK5BE	042	0.98	0.89
CK3BA	042	0.99	0.97	CK5PE	042	0.98	0.89
	048	1.00	0.98	COILS + 58CV(A,X)090-16 VARIABLE SPEED FURNACE			
CK5A/CK5BA	042	0.98	0.97	CC5A/CD5AA	042	0.98	0.88
	048	1.00	0.98	CC5A/CD5AC	048	0.98	0.88
CK5A/CK5BE	042	0.97	0.95	CD5AA	048	0.98	0.87
CK5A/CK5BT	042	0.98	0.97	CE3AA	042	0.98	0.88
	048	1.00	0.98		048	0.98	0.87
CK5A/CK5BW	048	1.00	0.98	CK3BA	042	0.98	0.88
CK5PA	042	0.98	0.97		048	0.98	0.87
	048	1.00	0.98	CK5A/CK5BA	042	0.98	0.88
CK5PE	042	0.97	0.95		048	0.98	0.87
CK5PT	042	0.98	0.97	CK5A/CK5BE	042	0.98	0.87
	048	1.00	0.98	CK5A/CK5BT	042	0.98	0.88
CK5PW	048	1.00	0.98		048	0.98	0.87
				CK5PA	042	0.98	0.88
F(A,B)4(A,B)N(F,B,C)	042	0.99	0.99		048	0.98	0.87
	048	1.00	1.00				
FC4(B,C)N(F,B)	042	0.99	0.99	CK5PE	042	0.98	0.87
	048	1.00	1.00	CK5PT	042	0.98	0.88
FG3AAA	048	1.00	0.99		048	0.98	0.87
FK4(C,D)NF	003	1.00	0.90	COILS + 58CV(A,X)110-20 VARIABLE SPEED FURNACE			
	005	1.03	0.89	CK5PA	048	1.00	0.88
FK4DNF	002	1.00	0.90	CK5PT	048	1.00	0.88
	—	—	—	CK5PW	048	1.00	0.88

See notes on pg. 32.

Detailed cooling capacities* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
		Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**
CFM	EWB	Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
38EYG036-30, 50 Outdoor Section With FX4(A,B)NF036 Indoor Section continued																			
1050	72	40.7	20.3	2.62	38.7	19.6	2.92	36.5	18.8	3.25	34.2	18.0	3.62	31.6	17.1	4.00	28.7	16.1	4.41
	67	37.3	25.9	2.61	35.4	25.2	2.91	33.4	24.4	3.24	31.2	23.5	3.60	28.9	22.6	3.98	26.2	21.6	4.38
	63††	34.7	25.2	2.61	33.0	24.5	2.90	31.1	23.6	3.23	29.1	22.8	3.58	26.8	21.8	3.96	24.2	20.7	4.36
	62	34.2	31.4	2.60	32.5	30.5	2.90	30.7	29.6	3.23	28.8	28.6	3.58	26.9	26.9	3.96	24.8	24.8	4.36
	57	33.2	33.2	2.60	31.8	31.8	2.90	30.3	30.3	3.22	28.7	28.7	3.58	26.9	26.9	3.96	24.8	24.8	4.37
1275	72	41.6	21.7	2.71	39.5	21.0	3.01	37.2	20.2	3.35	34.7	19.4	3.71	32.0	18.5	4.09	28.9	17.5	4.50
	67	38.1	28.3	2.70	36.1	27.6	3.00	34.0	26.8	3.33	31.8	25.9	3.69	29.3	24.9	4.07	26.5	23.8	4.48
	63††	35.5	27.5	2.70	33.6	26.7	2.99	31.7	25.9	3.32	29.6	25.0	3.67	27.2	24.0	4.05	24.6	22.8	4.45
	62	35.2	34.4	2.69	33.5	33.4	2.99	31.8	31.8	3.32	30.0	30.0	3.68	28.1	28.1	4.06	25.8	25.8	4.47
	57	34.9	34.9	2.69	33.4	33.4	2.99	31.8	31.8	3.32	30.0	30.0	3.67	28.1	28.1	4.06	25.8	25.8	4.47
1500	72	42.1	23.0	2.80	39.9	22.3	3.10	37.5	21.5	3.44	35.1	20.7	3.80	32.3	19.8	4.19	29.1	18.8	4.60
	67	38.7	30.7	2.79	36.6	29.9	3.09	34.4	29.0	3.42	32.1	28.1	3.78	29.6	27.1	4.16	26.8	25.8	4.57
	63††	36.1	29.6	2.78	34.1	28.8	3.08	32.1	27.9	3.41	29.9	27.0	3.76	27.5	25.9	4.14	24.9	24.5	4.55
	62	36.3	36.3	2.78	34.6	34.6	3.08	32.9	32.9	3.41	31.0	31.0	3.77	28.9	28.9	4.16	26.5	26.5	4.57
	57	36.2	36.2	2.78	34.6	34.6	3.08	32.9	32.9	3.41	31.0	31.0	3.77	28.9	28.9	4.16	26.5	26.5	4.57

Multipliers for Determining the Performance With Other Indoor Sections.

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
COILS + 58CV(A,X)110-22 VARIABLE SPEED FURNACE				CK5PA	042	0.98	0.87
CC5A/CD5AA	042	0.98	0.87		048	0.98	0.86
CC5A/CD5AC	048	0.98	0.87	CK5PT	042	0.98	0.87
CC5A/CD5AW	042	0.98	0.87		048	0.98	0.86
	048	0.98	0.86	CK5PW	048	0.98	0.86
CD5AA	048	0.98	0.86	COILS + 58CV(A,X)155-22 VARIABLE SPEED FURNACE			
CE3AA	042	0.98	0.87	CC5A/CD5AA	042	0.98	0.86
	048	0.98	0.86	CC5A/CD5AC	048	0.98	0.86
CK3BA	042	0.98	0.87	CC5A/CD5AW	042	0.98	0.87
	048	0.98	0.86		048	0.98	0.86
CK5A/CK5BA	042	0.98	0.87	CD5AA	048	0.98	0.86
	048	0.98	0.86	CE3AA	042	0.98	0.86
CK5A/CK5BT	042	0.98	0.87		048	0.98	0.86
	048	0.98	0.86	CK3BA	042	0.98	0.87
CK5A/CK5BW	048	0.98	0.86		048	0.98	0.86
CK5PA	042	0.98	0.87	CK5A/CK5BA	042	0.98	0.87
	048	0.98	0.86		048	0.98	0.86
CK5PT	042	0.98	0.87	CK5A/CK5BT	042	0.98	0.87
	048	0.98	0.86		048	0.98	0.86
CK5PW	048	0.98	0.86	CK5A/CK5BW	048	0.98	0.86
COILS + 58CV(A,X)135-22 VARIABLE SPEED FURNACE				CK5PA	042	0.98	0.87
CC5A/CD5AA	042	0.98	0.87		048	0.98	0.86
CC5A/CD5AC	048	0.98	0.87	CK5PT	042	0.98	0.87
CC5A/CD5AW	042	0.98	0.88		048	0.98	0.86
	048	0.98	0.86	CK5PW	048	0.98	0.86
CD5AA	048	0.98	0.86	COILS + 58MVP040-14 VARIABLE SPEED FURNACE			
CE3AA	042	0.98	0.87	CC5A/CD5AC	048	0.98	0.90
	048	0.98	0.87	CC5A/CD5AW	048	0.99	0.90
CK3BA	042	0.98	0.87	CD5AA	048	0.99	0.90
	048	0.98	0.86	CE3AA	048	0.99	0.90
CK5A/CK5BA	042	0.98	0.87	CK3BA	048	0.99	0.89
	048	0.98	0.86	CK5A/CK5BA	048	0.99	0.90
CK5A/CK5BT	042	0.98	0.87	CK5A/CK5BT	048	0.99	0.90
	048	0.98	0.86	CK5A/CK5BW	048	0.99	0.89
CK5A/CK5BW	048	0.98	0.86	CK5PA	048	0.99	0.90

See notes on pg. 32.

Detailed cooling capacities* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
CFM	EWB	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
38EYG036-30, 50 Outdoor Section With FX4(A,B)NF036 Indoor Section continued																			
1050	72	40.7	20.3	2.62	38.7	19.6	2.92	36.5	18.8	3.25	34.2	18.0	3.62	31.6	17.1	4.00	28.7	16.1	4.41
	67	37.3	25.9	2.61	35.4	25.2	2.91	33.4	24.4	3.24	31.2	23.5	3.60	28.9	22.6	3.98	26.2	21.6	4.38
	63††	34.7	25.2	2.61	33.0	24.5	2.90	31.1	23.6	3.23	29.1	22.8	3.58	26.8	21.8	3.96	24.2	20.7	4.36
	62	34.2	31.4	2.60	32.5	30.5	2.90	30.7	29.6	3.23	28.8	28.6	3.58	26.9	26.9	3.96	24.8	24.8	4.36
	57	33.2	33.2	2.60	31.8	31.8	2.90	30.3	30.3	3.22	28.7	28.7	3.58	26.9	26.9	3.96	24.8	24.8	4.37
1275	72	41.6	21.7	2.71	39.5	21.0	3.01	37.2	20.2	3.35	34.7	19.4	3.71	32.0	18.5	4.09	28.9	17.5	4.50
	67	38.1	28.3	2.70	36.1	27.6	3.00	34.0	26.8	3.33	31.8	25.9	3.69	29.3	24.9	4.07	26.5	23.8	4.48
	63††	35.5	27.5	2.70	33.6	26.7	2.99	31.7	25.9	3.32	29.6	25.0	3.67	27.2	24.0	4.05	24.6	22.8	4.45
	62	35.2	34.4	2.69	33.5	33.4	2.99	31.8	31.8	3.32	30.0	30.0	3.68	28.1	28.1	4.06	25.8	25.8	4.47
	57	34.9	34.9	2.69	33.4	33.4	2.99	31.8	31.8	3.32	30.0	30.0	3.67	28.1	28.1	4.06	25.8	25.8	4.47
1500	72	42.1	23.0	2.80	39.9	22.3	3.10	37.5	21.5	3.44	35.1	20.7	3.80	32.3	19.8	4.19	29.1	18.8	4.60
	67	38.7	30.7	2.79	36.6	29.9	3.09	34.4	29.0	3.42	32.1	28.1	3.78	29.6	27.1	4.16	26.8	25.8	4.57
	63††	36.1	29.6	2.78	34.1	28.8	3.08	32.1	27.9	3.41	29.9	27.0	3.76	27.5	25.9	4.14	24.9	24.5	4.55
	62	36.3	36.3	2.78	34.6	34.6	3.08	32.9	32.9	3.41	31.0	31.0	3.77	28.9	28.9	4.16	26.5	26.5	4.57
	57	36.2	36.2	2.78	34.6	34.6	3.08	32.9	32.9	3.41	31.0	31.0	3.77	28.9	28.9	4.16	26.5	26.5	4.57

Multipliers for Determining the Performance With Other Indoor Sections.

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CK5PT	048	0.99	0.89	CK5A/CK5BT	048	0.99	0.89
CK5PW	048	0.99	0.89	CK5A/CK5BW	048	1.00	0.89
COILS + 58MVP060-14 VARIABLE SPEED FURNACE				CK5PA	048	0.99	0.88
CC5A/CD5AC	048	0.98	0.89	CK5PT	048	0.99	0.88
CD5AA	048	0.99	0.88	CK5PW	048	1.00	0.89
CE3AA	048	0.99	0.89	COILS + 58MVP100-20 VARIABLE SPEED FURNACE			
CK3BA	048	1.00	0.89	CC5A/CD5AC	048	0.97	0.88
CK5A/CK5BA	048	0.99	0.89	CC5A/CD5AW	048	0.99	0.88
CK5A/CK5BT	048	0.99	0.89	CD5AA	048	0.99	0.89
CK5PA	048	0.99	0.88	CE3AA	048	1.00	0.89
CK5PT	048	0.99	0.88	CK3BA	048	1.00	0.89
COILS + 58MVP080-14 VARIABLE SPEED FURNACE				CK5A/CK5BA	048	1.00	0.89
CC5A/CD5AC	048	0.97	0.89	CK5A/CK5BT	048	1.00	0.89
CC5A/CD5AW	048	0.99	0.90	CK5A/CK5BW	048	1.00	0.89
CD5AA	048	0.99	0.90	CK5PA	048	1.00	0.89
CE3AA	048	0.99	0.90	CK5PT	048	1.00	0.89
CK3BA	048	0.99	0.90	CK5PW	048	1.00	0.89
CK5A/CK5BA	048	0.99	0.90	COILS + 58MVP120-20 VARIABLE SPEED FURNACE			
CK5A/CK5BT	048	0.99	0.90	CC5A/CD5AC	048	0.97	0.88
CK5A/CK5BW	048	0.99	0.89	CC5A/CD5AW	048	0.99	0.88
CK5PA	048	0.99	0.89	CD5AA	048	0.99	0.88
CK5PT	048	0.99	0.89	CE3AA	048	0.99	0.89
CK5PW	048	0.99	0.89	CK3BA	048	1.00	0.88
COILS + 58MVP080-20 VARIABLE SPEED FURNACE				CK5A/CK5BA	048	1.00	0.89
CC5A/CD5AC	048	0.98	0.89	CK5A/CK5BT	048	1.00	0.89
CC5A/CD5AW	048	0.99	0.89	CK5A/CK5BW	048	1.00	0.88
CD5AA	048	0.99	0.89	CK5PA	048	1.00	0.89
CE3AA	048	0.99	0.89	CK5PT	048	1.00	0.89
CK3BA	048	0.99	0.89	CK5PW	048	1.00	0.88
CK5A/CK5BA	048	0.99	0.89		—	—	—

See notes on pg. 32.

Detailed cooling capacities* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																					
		75				85				95				105				115				125	
CFM	EWB	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total
38EYG042-30 Outdoor Section With FX4(A,B)NF042 Indoor Section																							
1225	72	48.4	24.1	3.09	46.1	23.3	3.45	43.6	22.4	3.85	41.0	21.5	4.30	38.0	20.5	4.78	34.6	19.3	5.30				
	67	44.4	30.9	3.06	42.2	30.0	3.42	40.0	29.1	3.82	37.5	28.1	4.26	34.8	27.1	4.74	31.7	25.9	5.25				
	63††	41.4	30.0	3.04	39.4	29.2	3.40	37.3	28.3	3.80	35.0	27.2	4.23	32.5	26.2	4.71	29.6	25.0	5.22				
	62	40.8	37.3	3.03	38.8	36.4	3.39	36.8	35.4	3.79	34.6	34.2	4.23	32.4	32.4	4.71	30.1	30.1	5.22				
	57	39.6	39.6	3.03	38.0	38.0	3.39	36.3	36.3	3.79	34.5	34.5	4.23	32.4	32.4	4.71	30.0	30.0	5.22				
1400	72	49.1	25.3	3.16	46.7	24.4	3.53	44.1	23.5	3.93	41.4	22.6	4.37	38.3	21.6	4.85	34.9	20.4	5.37				
	67	45.1	32.8	3.13	42.8	31.9	3.49	40.5	31.0	3.89	38.0	30.0	4.33	35.1	28.9	4.82	32.0	27.7	5.33				
	63††	42.1	31.9	3.11	40.0	31.0	3.47	37.8	30.0	3.87	35.4	29.0	4.31	32.8	27.9	4.79	29.9	26.7	5.29				
	62	41.6	39.9	3.11	39.6	38.9	3.47	37.6	37.6	3.87	35.6	35.6	4.31	33.4	33.4	4.79	30.9	30.9	5.31				
	57	41.0	41.0	3.11	39.4	39.4	3.47	37.6	37.6	3.87	35.6	35.6	4.31	33.4	33.4	4.79	30.9	30.9	5.31				
1575	72	49.7	26.3	3.24	47.1	25.5	3.60	44.5	24.6	4.00	41.7	23.6	4.44	38.6	22.6	4.93	35.0	21.5	5.44				
	67	45.6	34.7	3.21	43.3	33.8	3.57	40.9	32.9	3.97	38.3	31.8	4.41	35.4	30.7	4.89	32.2	29.4	5.40				
	63††	42.6	33.6	3.19	40.4	32.7	3.54	38.1	31.7	3.94	35.7	30.7	4.38	33.0	29.5	4.86	30.0	28.2	5.37				
	62	42.4	42.1	3.18	40.5	40.5	3.54	38.6	38.6	3.95	36.5	36.5	4.39	34.2	34.2	4.87	31.5	31.5	5.39				
	57	42.2	42.2	3.18	40.5	40.5	3.54	38.6	38.6	3.95	36.5	36.5	4.39	34.2	34.2	4.87	31.5	31.5	5.39				

Multipliers for Determining the Performance With Other Indoor Sections.

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CC5A/CD5AC	048	1.00	1.08	COILS + 58CV(A,X)110-22 VARIABLE SPEED FURNACE			
CC5A/CD5AW	048	1.01	1.08	CC5A/CD5AC	048	1.00	0.99
CD5AA	048	1.01	1.08	CC5A/CD5AW	048	1.01	0.99
CE3AA	048	1.01	1.07	CD5AA	048	1.01	0.99
CF5AA	048	1.01	1.07	CE3AA	048	1.01	0.99
CK3BA	048	1.01	1.07	CK3BA	048	1.01	0.99
CK5A/CK5BA	048	1.01	1.07	CK5A/CK5BA	048	1.01	0.99
CK5A/CK5BE	042	0.97	1.03	CK5A/CK5BT	048	1.01	0.99
CK5A/CK5BT	048	1.01	1.07	CK5A/CK5BW	048	1.01	0.99
CK5A/CK5BW	048	1.01	1.07	CK5PA	048	1.01	0.99
CK5PA	048	1.01	1.07	CK5PT	048	1.01	0.99
CK5PE	042	0.97	1.03	CK5PW	048	1.01	0.99
CK5PT	048	1.01	1.07	COILS + 58CV(A,X)135-22 VARIABLE SPEED FURNACE			
CK5PW	048	1.01	1.07	CC5A/CD5AC	048	1.00	0.99
F(A,B)4(A,B)N(F,B,C)	048	1.03	1.10	CC5A/CD5AW	048	1.01	0.99
FC4(B,C)N(F,B)	048	1.03	1.10	CD5AA	048	1.01	0.99
FG3AAA	048	1.01	1.08	CE3AA	048	1.01	0.99
FK4(C,D)NF	003	1.01	1.00	CK3BA	048	1.01	0.99
	005	1.06	1.01	CK5A/CK5BA	048	1.01	0.99
FV4(A,B)NF	003	1.01	1.00	CK5A/CK5BT	048	1.01	0.99
	005	1.06	1.01	CK5A/CK5BW	048	1.01	0.99
FX4(A,B)NF	042	1.04	1.10	CK5PA	048	1.01	0.99
COILS + 58CV(A,X)090-16 VARIABLE SPEED FURNACE				CK5PT	048	1.01	0.99
CC5A/CD5AC	048	1.00	1.00	CK5PW	048	1.01	0.99
CD5AA	048	1.01	1.00	COILS + 58CV(A,X)155-22 VARIABLE SPEED FURNACE			
CE3AA	048	1.01	1.01	CC5A/CD5AC	048	1.00	0.99
CK3BA	048	1.01	1.00	CC5A/CD5AW	048	1.01	0.99
CK5A/CK5BA	048	1.01	1.00	CD5AA	048	1.01	0.99
CK5A/CK5BE	042	1.01	1.01	CE3AA	048	1.01	0.99
CK5A/CK5BT	048	1.01	1.00	CK3BA	048	1.01	0.99
CK5PA	048	1.01	1.00	CK5A/CK5BA	048	1.01	0.99
CK5PE	042	1.01	1.01	CK5A/CK5BT	048	1.01	0.99
CK5PT	048	1.01	1.00	CK5A/CK5BW	048	1.01	0.99
	—	—	—	CK5PA	048	1.01	0.99

See notes on pg. 32.

Detailed cooling capacities* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
CFM	EWB	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
38EYG042-30 Outdoor Section With FX4(A,B)NF042 Indoor Section continued																			
1225	72	48.4	24.1	3.09	46.1	23.3	3.45	43.6	22.4	3.85	41.0	21.5	4.30	38.0	20.5	4.78	34.6	19.3	5.30
	67	44.4	30.9	3.06	42.2	30.0	3.42	40.0	29.1	3.82	37.5	28.1	4.26	34.8	27.1	4.74	31.7	25.9	5.25
	63††	41.4	30.0	3.04	39.4	29.2	3.40	37.3	28.3	3.80	35.0	27.2	4.23	32.5	26.2	4.71	29.6	25.0	5.22
	62	40.8	37.3	3.03	38.8	36.4	3.39	36.8	35.4	3.79	34.6	34.2	4.23	32.4	32.4	4.71	30.1	30.1	5.22
	57	39.6	39.6	3.03	38.0	38.0	3.39	36.3	36.3	3.79	34.5	34.5	4.23	32.4	32.4	4.71	30.0	30.0	5.22
1400	72	49.1	25.3	3.16	46.7	24.4	3.53	44.1	23.5	3.93	41.4	22.6	4.37	38.3	21.6	4.85	34.9	20.4	5.37
	67	45.1	32.8	3.13	42.8	31.9	3.49	40.5	31.0	3.89	38.0	30.0	4.33	35.1	28.9	4.82	32.0	27.7	5.33
	63††	42.1	31.9	3.11	40.0	31.0	3.47	37.8	30.0	3.87	35.4	29.0	4.31	32.8	27.9	4.79	29.9	26.7	5.29
	62	41.6	39.9	3.11	39.6	38.9	3.47	37.6	37.6	3.87	35.6	35.6	4.31	33.4	33.4	4.79	30.9	30.9	5.31
	57	41.0	41.0	3.11	39.4	39.4	3.47	37.6	37.6	3.87	35.6	35.6	4.31	33.4	33.4	4.79	30.9	30.9	5.31
1575	72	49.7	26.3	3.24	47.1	25.5	3.60	44.5	24.6	4.00	41.7	23.6	4.44	38.6	22.6	4.93	35.0	21.5	5.44
	67	45.6	34.7	3.21	43.3	33.8	3.57	40.9	32.9	3.97	38.3	31.8	4.41	35.4	30.7	4.89	32.2	29.4	5.40
	63††	42.6	33.6	3.19	40.4	32.7	3.54	38.1	31.7	3.94	35.7	30.7	4.38	33.0	29.5	4.86	30.0	28.2	5.37
	62	42.4	42.1	3.18	40.5	40.5	3.54	38.6	38.6	3.95	36.5	36.5	4.39	34.2	34.2	4.87	31.5	31.5	5.39
	57	42.2	42.2	3.18	40.5	40.5	3.54	38.6	38.6	3.95	36.5	36.5	4.39	34.2	34.2	4.87	31.5	31.5	5.39

Multipliers for Determining the Performance With Other Indoor Sections.

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CK5PT	048	1.01	0.99	COILS + 58MVP080-20 VARIABLE SPEED FURNACE			
CK5PW	048	1.01	0.99	CC5A/CD5AC	048	0.99	1.01
COILS + 58MVP040-14 VARIABLE SPEED FURNACE				CC5A/CD5AW	048	1.00	1.01
CC5A/CD5AC	048	0.99	1.02	CD5AA	048	1.00	1.01
CC5A/CD5AW	048	1.00	1.02	CE3AA	048	1.01	1.03
CD5AA	048	1.00	1.02	CK3BA	048	1.01	1.02
CE3AA	048	1.00	1.02	CK5A/CK5BA	048	1.01	1.02
CK3BA	048	1.00	1.02	CK5A/CK5BT	048	1.01	1.02
CK5A/CK5BA	048	1.00	1.02	CK5A/CK5BW	048	1.01	1.02
CK5A/CK5BT	048	1.00	1.02	CK5PA	042	1.00	1.02
CK5A/CK5BW	048	1.00	1.01		048	1.01	1.02
CK5PA	042	1.00	1.03	CK5PT	048	1.01	1.02
	048	1.00	1.02	CK5PW	048	1.01	1.02
CK5PT	048	1.00	1.02	COILS + 58MVP100-20 VARIABLE SPEED FURNACE			
CK5PW	048	1.00	1.01	CC5A/CD5AC	048	0.99	1.01
COILS + 58MVP060-14 VARIABLE SPEED FURNACE				CC5A/CD5AW	048	1.00	1.00
CC5A/CD5AC	048	0.99	1.01	CD5AA	048	1.00	1.00
CD5AA	048	1.00	1.01	CE3AA	048	1.01	1.02
CE3AA	048	1.01	1.02	CK3BA	048	1.01	1.01
CK3BA	048	1.01	1.02	CK5A/CK5BA	048	1.01	1.02
CK5A/CK5BA	048	1.01	1.02	CK5A/CK5BT	048	1.01	1.02
CK5A/CK5BT	048	1.01	1.02	CK5A/CK5BW	048	1.01	1.01
CK5PA	042	1.00	1.02	CK5PA	042	1.00	1.02
	048	1.01	1.02		048	1.01	1.02
CK5PT	048	1.01	1.02	CK5PT	048	1.01	1.02
COILS + 58MVP080-14 VARIABLE SPEED FURNACE				CK5PW	048	1.01	1.01
CC5A/CD5AC	048	0.99	1.03	COILS + 58MVP120-20 VARIABLE SPEED FURNACE			
CC5A/CD5AW	048	1.00	1.02	CC5A/CD5AC	048	0.99	1.01
CD5AA	048	1.00	1.03	CC5A/CD5AW	048	1.00	1.00
CE3AA	048	1.00	1.02	CD5AA	048	1.00	1.00
CK3BA	048	1.00	1.02	CE3AA	048	1.01	1.01
CK5A/CK5BA	048	1.00	1.02	CK3BA	048	1.01	1.01
CK5A/CK5BT	048	1.00	1.02	CK5A/CK5BA	048	1.01	1.01
CK5A/CK5BW	048	1.00	1.01	CK5A/CK5BT	048	1.01	1.01
CK5PA	042	1.00	1.04	CK5A/CK5BW	048	1.01	1.00
	048	1.00	1.02	CK5PA	042	1.00	1.01
CK5PT	048	1.00	1.02		048	1.01	1.01
CK5PW	048	1.00	1.01	CK5PT	048	1.01	1.01
	—	—	—	CK5PW	048	1.01	1.00

See notes on pg. 32.

Detailed cooling capacities* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
CFM	EWB	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
38EYG048-30, 50 Outdoor Section With FX4(A,B)NF048 Indoor Section																			
1400	72	54.6	27.6	3.66	51.9	26.6	4.05	49.0	25.6	4.49	46.0	24.6	4.98	42.7	23.4	5.52	38.8	22.1	6.10
	67	50.1	35.5	3.61	47.6	34.5	4.00	45.0	33.5	4.44	42.2	32.4	4.93	39.1	31.2	5.47	35.7	29.9	6.05
	63††	46.8	34.5	3.58	44.4	33.5	3.97	42.0	32.5	4.40	39.4	31.4	4.89	36.5	30.2	5.43	33.4	28.9	6.01
	62	46.1	43.2	3.57	43.8	42.1	3.96	41.5	40.9	4.40	39.2	39.2	4.89	36.8	36.8	5.43	34.1	34.1	6.03
	57	45.1	45.1	3.56	43.2	43.2	3.95	41.4	41.4	4.40	39.2	39.2	4.89	36.9	36.9	5.44	34.1	34.1	6.03
1600	72	55.3	28.9	3.76	52.5	27.9	4.15	49.5	26.9	4.59	46.4	25.9	5.07	42.9	24.7	5.61	39.0	23.4	6.19
	67	50.8	37.8	3.71	48.2	36.8	4.10	45.5	35.8	4.54	42.6	34.7	5.02	39.5	33.5	5.56	35.9	32.1	6.14
	63††	47.4	36.7	3.67	45.0	35.7	4.06	42.5	34.6	4.50	39.8	33.5	4.99	36.8	32.2	5.53	33.6	30.9	6.11
	62	47.0	46.1	3.67	44.8	44.7	4.06	42.7	42.7	4.50	40.4	40.4	5.00	37.9	37.9	5.54	35.0	35.0	6.13
	57	46.7	46.7	3.66	44.8	44.8	4.06	42.7	42.7	4.50	40.4	40.4	4.99	37.9	37.9	5.54	35.0	35.0	6.13
1800	72	55.9	30.2	3.85	52.9	29.2	4.24	49.9	28.2	4.68	46.6	27.1	5.17	43.1	26.0	5.70	39.1	24.7	6.28
	67	51.3	40.1	3.80	48.6	39.0	4.19	45.8	38.0	4.63	42.9	36.8	5.12	39.7	35.6	5.65	36.1	34.1	6.24
	63††	47.9	38.8	3.76	45.5	37.7	4.16	42.8	36.6	4.59	40.1	35.5	5.08	37.1	34.2	5.62	33.8	32.7	6.20
	62	48.1	48.1	3.77	45.9	45.9	4.16	43.7	43.7	4.61	41.3	41.3	5.10	38.7	38.7	5.64	35.7	35.7	6.23
	57	48.0	48.0	3.77	46.0	46.0	4.16	43.7	43.7	4.60	41.4	41.4	5.10	38.7	38.7	5.64	35.7	35.7	6.23
Multipliers for Determining the Performance With Other Indoor Sections																			
Indoor Section		Size	Cooling				Indoor Section		Size		Cooling								
			Capacity	Power							Capacity	Power							
CC5A/CD5AA		060	0.96				CD5PX		060	0.98		0.90							
CC5A/CD5AW		060	0.98				CE3AA		060	0.98		0.90							
CD5PX		060	0.98				CK3BA		060	0.98		0.90							
CE3AA		060	0.99				CK5A/CK5BA		060	0.98		0.90							
CK3BA		060	0.98				CK5A/CK5BT		060	0.98		0.90							
CK5A/CK5BA		060	0.98				CK5A/CK5BX		060	0.98		0.89							
CK5A/CK5BT		060	0.98				CK5PA		060	0.98		0.90							
CK5A/CK5BX		060	1.00				CK5PT		060	0.98		0.90							
CK5PA		060	0.98				CK5PX		060	0.98		0.89							
CK5PT		060	0.98				COILS + 58CV(A,X)135-22 VARIABLE SPEED FURNACE												
CK5PX		060	1.00				CC5A/CD5AA		060	0.96		0.91							
F(A,B)4(A,B)N(F,B,C)		060	0.99				CC5A/CD5AW		060	0.98		0.91							
FB4(A,B)NB		070	1.00				CD5PX		060	0.98		0.90							
FC4(B,C)N(F,B)		060	0.98				CE3AA		060	0.98		0.91							
FC4(B,C)NB		070	1.00				CK3BA		060	0.98		0.91							
FG3AAA		060	0.97				CK5A/CK5BA		060	0.98		0.91							
FK4(C,D)NB		006	1.01				CK5A/CK5BT		060	0.98		0.91							
FK4(C,D)NF		005	0.99				CK5A/CK5BX		060	0.98		0.89							
FV4(A,B)NB		006	1.01				CK5PA		060	0.98		0.91							
FV4(A,B)NF		005	0.99				CK5PT		060	0.98		0.91							
FX4(A,B)NB		060	1.00				CK5PX		060	0.98		0.89							
FX4(A,B)NF		048	1.00				COILS + 58CV(A,X)155-22 VARIABLE SPEED FURNACE												
COILS + 58CV(A,X)090-16 VARIABLE SPEED FURNACE							CC5A/CD5AA		060	0.96		0.90							
CE3AA		060	0.98				CC5A/CD5AW		060	0.98		0.90							
COILS + 58CV(A,X)110-20 VARIABLE SPEED FURNACE							CD5PX		060	0.98		0.89							
CD5PX		060	0.97				CE3AA		060	0.98		0.89							
CK5PA		060	0.96				CK3BA		060	0.98		0.90							
CK5PT		060	0.96				CK5A/CK5BA		060	0.98		0.90							
CK5PX		060	0.98				CK5A/CK5BT		060	0.98		0.90							
CC5A/CD5AA		060	0.96						—	—		—							

See notes on pg. 32.

Detailed cooling capacities* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
CFM	EWB	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
38EYG048-30, 50 Outdoor Section With FX4(A,B)NF048 Indoor Section continued																			
1400	72	54.6	27.6	3.66	51.9	26.6	4.05	49.0	25.6	4.49	46.0	24.6	4.98	42.7	23.4	5.52	38.8	22.1	6.10
	67	50.1	35.5	3.61	47.6	34.5	4.00	45.0	33.5	4.44	42.2	32.4	4.93	39.1	31.2	5.47	35.7	29.9	6.05
	63††	46.8	34.5	3.58	44.4	33.5	3.97	42.0	32.5	4.40	39.4	31.4	4.89	36.5	30.2	5.43	33.4	28.9	6.01
	62	46.1	43.2	3.57	43.8	42.1	3.96	41.5	40.9	4.40	39.2	39.2	4.89	36.8	36.8	5.43	34.1	34.1	6.03
	57	45.1	45.1	3.56	43.2	43.2	3.95	41.4	41.4	4.40	39.2	39.2	4.89	36.9	36.9	5.44	34.1	34.1	6.03
1600	72	55.3	28.9	3.76	52.5	27.9	4.15	49.5	26.9	4.59	46.4	25.9	5.07	42.9	24.7	5.61	39.0	23.4	6.19
	67	50.8	37.8	3.71	48.2	36.8	4.10	45.5	35.8	4.54	42.6	34.7	5.02	39.5	33.5	5.56	35.9	32.1	6.14
	63††	47.4	36.7	3.67	45.0	35.7	4.06	42.5	34.6	4.50	39.8	33.5	4.99	36.8	32.2	5.53	33.6	30.9	6.11
	62	47.0	46.1	3.67	44.8	44.7	4.06	42.7	42.7	4.50	40.4	40.4	5.00	37.9	37.9	5.54	35.0	35.0	6.13
	57	46.7	46.7	3.66	44.8	44.8	4.06	42.7	42.7	4.50	40.4	40.4	4.99	37.9	37.9	5.54	35.0	35.0	6.13
1800	72	55.9	30.2	3.85	52.9	29.2	4.24	49.9	28.2	4.68	46.6	27.1	5.17	43.1	26.0	5.70	39.1	24.7	6.28
	67	51.3	40.1	3.80	48.6	39.0	4.19	45.8	38.0	4.63	42.9	36.8	5.12	39.7	35.6	5.65	36.1	34.1	6.24
	63††	47.9	38.8	3.76	45.5	37.7	4.16	42.8	36.6	4.59	40.1	35.5	5.08	37.1	34.2	5.62	33.8	32.7	6.20
	62	48.1	48.1	3.77	45.9	45.9	4.16	43.7	43.7	4.61	41.3	41.3	5.10	38.7	38.7	5.64	35.7	35.7	6.23
	57	48.0	48.0	3.77	46.0	46.0	4.16	43.7	43.7	4.60	41.4	41.4	5.10	38.7	38.7	5.64	35.7	35.7	6.23

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CK5A/CK5BX	060	0.98	0.88	CK3BA	060	0.96	0.91
CK5PA	060	0.98	0.90	CK5A/CK5BA	048	0.93	0.92
CK5PT	060	0.98	0.90		060	0.96	0.91
CK5PX	060	0.98	0.88	CK5A/CK5BT	060	0.96	0.91
COILS + 58MVP080-20 VARIABLE SPEED FURNACE				CK5A/CK5BX	060	0.97	0.91
CC5A/CD5AA	060	0.93	0.92	CK5PA	060	0.96	0.91
CD5PX	060	0.97	0.93	CK5PT	060	0.96	0.91
CE3AA	060	0.96	0.92	CK5PX	060	0.97	0.91
CK3BA	060	0.96	0.92	COILS + 58MVP120-20 VARIABLE SPEED FURNACE			
CK5A/CK5BA	048	0.93	0.92	CC5A/CD5AA	060	0.93	0.91
	060	0.96	0.92	CD5PX	060	0.97	0.92
CK5A/CK5BT	060	0.96	0.92	CE3AA	060	0.96	0.91
CK5A/CK5BX	060	0.97	0.92	CK3BA	060	0.96	0.91
CK5PA	060	0.96	0.92	CK5A/CK5BA	048	0.93	0.92
CK5PT	060	0.96	0.92		060	0.96	0.91
CK5PX	060	0.97	0.92	CK5A/CK5BT	060	0.96	0.91
COILS + 58MVP100-20 VARIABLE SPEED FURNACE				CK5A/CK5BX	060	0.97	0.91
CC5A/CD5AA	060	0.93	0.92	CK5PA	060	0.96	0.91
CD5PX	060	0.97	0.92	CK5PT	060	0.96	0.91
CE3AA	060	0.96	0.91	CK5PX	060	0.97	0.91

See notes on pg. 32.

Detailed cooling capacities* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																					
		75				85				95				105				115				125	
CFM	EWB	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**	Capacity MBtu/h†		Total System kW**	
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total
38EYG060-30, 50 Outdoor Section With FX4(A,B)NB060 Indoor Section																							
1750	72	69.0	34.6	4.74	65.6	33.4	5.24	62.0	32.1	5.79	58.3	30.8	6.39	54.1	29.3	7.04	49.4	27.7	7.74				
	67	63.4	44.3	4.67	60.3	43.1	5.17	57.0	41.8	5.71	53.5	40.4	6.32	49.8	39.0	6.97	45.4	37.3	7.68				
	63††	59.1	43.2	4.62	56.2	41.9	5.12	53.2	40.6	5.66	50.0	39.2	6.27	46.5	37.7	6.93	42.5	36.0	7.63				
	62	58.2	53.8	4.61	55.4	52.4	5.11	52.5	51.0	5.65	49.4	49.3	6.26	46.5	46.5	6.93	43.2	43.2	7.64				
	57	56.7	56.7	4.60	54.4	54.4	5.09	52.0	52.0	5.65	49.4	49.4	6.26	46.5	46.5	6.93	43.2	43.2	7.64				
2000	72	69.9	36.2	4.86	66.5	35.0	5.36	62.8	33.7	5.91	58.8	32.4	6.51	54.5	30.9	7.16	49.6	29.3	7.85				
	67	64.3	47.2	4.79	61.1	45.9	5.29	57.7	44.6	5.83	54.1	43.2	6.43	50.1	41.7	7.09	45.7	40.0	7.79				
	63††	60.0	45.8	4.74	57.0	44.5	5.23	53.9	43.2	5.78	50.5	41.8	6.38	46.9	40.3	7.04	42.8	38.5	7.75				
	62	59.3	57.6	4.73	56.5	56.0	5.23	53.8	53.8	5.78	51.0	51.0	6.39	47.9	47.9	7.06	44.3	44.3	7.77				
	57	58.8	58.8	4.73	56.3	56.3	5.23	53.8	53.8	5.78	51.0	51.0	6.39	47.9	47.9	7.06	44.3	44.3	7.77				
2250	72	70.7	37.8	4.97	67.1	36.6	5.47	63.3	35.3	6.02	59.3	34.0	6.62	54.8	32.5	7.27	49.8	30.9	7.97				
	67	64.9	49.9	4.91	61.7	48.7	5.40	58.2	47.3	5.95	54.5	45.9	6.55	50.5	44.3	7.20	46.0	42.6	7.91				
	63††	60.7	48.4	4.86	57.7	47.1	5.35	54.4	45.7	5.90	51.0	44.3	6.50	47.3	42.7	7.15	43.1	40.9	7.86				
	62	60.5	60.5	4.85	57.9	57.9	5.35	55.2	55.2	5.91	52.2	52.2	6.52	49.0	49.0	7.18	45.3	45.3	7.89				
	57	60.5	60.5	4.85	57.9	57.9	5.35	55.2	55.2	5.91	52.2	52.2	6.52	49.0	49.0	7.18	45.3	45.3	7.89				

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CC5A/CD5AW	060	0.96	0.98	CK5A/CK5BT	060	0.98	0.95
CK5A/CK5BX	060	0.96	0.96	CK5A/CK5BX	060	0.98	0.94
CK5PX	060	0.96	0.96	CK5PA	060	0.98	0.95
FB4(A,B)NB	070	1.00	1.00	CK5PT	060	0.98	0.95
FC4(B,C)NB	070	1.00	1.00	CK5PX	060	0.98	0.94
FK4(C,D)NB	006	1.01	0.96	COILS + 58MVP080-20 VARIABLE SPEED FURNACE			
FV4(A,B)NB	006	1.01	0.96	CD5PX	060	0.93	0.99
FX4(A,B)NB	060	1.00	1.00	CK3BA	060	0.93	0.99
COILS + 58CV(A,X)110-22 VARIABLE SPEED FURNACE				CK5A/CK5BA	060	0.92	0.99
CD5PX	060	0.98	0.95	CK5A/CK5BT	060	0.93	0.99
CK3BA	060	0.98	0.96	CK5A/CK5BX	060	0.92	0.97
CK5A/CK5BA	060	0.98	0.96	CK5PA	060	0.92	0.99
CK5A/CK5BT	060	0.98	0.96	CK5PT	060	0.93	0.99
CK5A/CK5BX	060	0.98	0.94	CK5PX	060	0.94	0.99
CK5PA	060	0.98	0.96	COILS + 58MVP100-20 VARIABLE SPEED FURNACE			
CK5PT	060	0.98	0.96	CD5PX	060	0.93	0.98
CK5PX	060	0.98	0.94	CK3BA	060	0.92	0.97
COILS + 58CV(A,X)135-22 VARIABLE SPEED FURNACE				CK5A/CK5BA	060	0.93	0.98
CC5A/CD5AW	060	0.98	0.95	CK5A/CK5BT	060	0.92	0.97
CD5PX	060	0.96	0.96	CK5A/CK5BX	060	0.94	0.98
CK3BA	060	0.98	0.96	CK5PA	060	0.92	0.97
CK5A/CK5BA	060	0.98	0.96	CK5PT	060	0.92	0.97
CK5A/CK5BT	060	0.98	0.96	CK5PX	060	0.94	0.98
CK5A/CK5BX	060	0.98	0.94	COILS + 58MVP120-20 VARIABLE SPEED FURNACE			
CK5PA	060	0.98	0.96	CK3BA	060	0.92	0.96
CK5PT	060	0.98	0.96	CK5A/CK5BA	060	0.92	0.96
CK5PX	060	0.98	0.94	CK5A/CK5BT	060	0.92	0.96
COILS + 58CV(A,X)155-22 VARIABLE SPEED FURNACE				CK5A/CK5BX	060	0.94	0.97
CC5A/CD5AW		060	0.98	CK5PA	060	0.92	0.96
CD5PX	060	0.96	0.95	CK5PT	060	0.92	0.96
CK3BA	060	0.98	0.95	CK5PX	060	0.94	0.97
CK5A/CK5BA	060	0.98	0.95		—	—	—

See notes on pg. 32.

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

** 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

Heat pump heating performance

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES °F																							
		-3			7			17			27			37			47			57			67		
EDB	CFM	Capacity (MBtuh)	Total Pwr	Capacity (MBtuh)	Total Pwr	Capacity (MBtuh)	Total Pwr	Capacity (MBtuh)	Total Pwr	Capacity (MBtuh)	Total Pwr	Capacity (MBtuh)	Total Pwr	Capacity (MBtuh)	Total Pwr	Capacity (MBtuh)	Total Pwr	Capacity (MBtuh)	Total Pwr	Capacity (MBtuh)	Total Pwr	Capacity (MBtuh)	Total Pwr		
		Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†
38EYG018-30 Outdoor Section With FX4(A,B)NF024 Indoor Section																									
65	525	5.78	5.32	1.24	7.97	7.33	1.34	10.10	9.25	1.43	12.5	11.1	1.52	15.1	13.8	1.63	18.1	18.1	1.74	21.6	21.6	1.87	25.6	25.6	2.04
	600	5.95	5.48	1.26	8.17	7.51	1.36	10.40	9.44	1.45	12.7	11.3	1.54	15.5	14.1	1.63	18.6	18.6	1.74	22.2	22.2	1.88	26.4	26.4	2.03
	675	6.11	5.62	1.29	8.34	7.66	1.38	10.50	9.61	1.47	13.0	11.5	1.55	15.8	14.4	1.65	19.0	19.0	1.75	22.7	22.7	1.89	26.8	26.8	2.02
70	525	5.29	4.86	1.24	7.55	6.94	1.35	9.80	8.93	1.45	12.1	10.7	1.55	14.7	13.3	1.66	17.6	17.6	1.78	20.9	20.9	1.91	24.8	24.8	2.08
	600	5.46	5.02	1.27	7.75	7.13	1.37	10.00	9.12	1.47	12.3	10.9	1.57	15.0	13.6	1.67	18.0	18.0	1.78	21.5	21.5	1.91	25.5	25.5	2.08
	675	5.61	5.16	1.29	7.93	7.29	1.40	10.20	9.28	1.49	12.5	11.1	1.58	15.3	13.9	1.68	18.4	18.4	1.79	21.9	21.9	1.92	26.1	26.1	2.07
75	525	4.74	4.36	1.24	7.09	6.52	1.36	9.42	8.59	1.47	11.7	10.4	1.58	14.2	12.9	1.69	17.1	17.1	1.81	20.2	20.2	1.95	24.0	24.0	2.12
	600	4.91	4.52	1.27	7.30	6.71	1.38	9.64	8.79	1.49	11.9	10.6	1.60	14.5	13.2	1.70	17.4	17.4	1.82	20.8	20.8	1.95	24.6	24.6	2.12
	675	5.07	4.66	1.30	7.47	6.87	1.41	9.82	8.96	1.51	12.1	10.8	1.61	14.8	13.5	1.71	17.8	17.8	1.83	21.2	21.2	1.96	25.2	25.2	2.12

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Heating		Indoor Section	Size	Heating	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	024	1.00	1.03	CK5PW	024	0.99	0.94
CC5A/CD5AW	024	0.97	1.01		030	0.94	0.94
CE3AA	024	1.00	1.02	COILS + 58CV(A,X)090-16 VARIABLE SPEED FURNACE			
CF5AA	024	1.00	1.03	CK5PA	024	0.96	0.92
CK3BA	024	1.00	0.97		030	0.94	0.93
CK5A/CK5BA	024	1.00	0.97	CK5PW	024	0.96	0.92
CK5A/CK5BW	024	1.00	0.97		030	0.94	0.93
CK5PA	024	1.00	0.97	COILS + 58MVP040-14 VARIABLE SPEED FURNACE			
	030	1.00	1.02	CE3AA	024	0.93	0.95
CK5PW	024	1.00	0.97	COILS + 58MVP060-14 VARIABLE SPEED FURNACE			
	030	1.00	1.02	CC5A/CD5AA	024	0.97	0.95
F(A,B)4(A,B)N(F,C)	024	1.00	0.99	CC5A/CD5AW	024	0.97	0.95
FC4(B,C)NF	024	1.00	0.99	CE3AA	024	0.99	0.96
FF1DNA	024	1.00	0.99	CK3BA	024	1.00	0.92
FG3AAA	024	0.98	1.02	CK5A/CK5BA	024	1.00	0.92
FK4(C,D)NF	002	0.94	0.90	CK5A/CK5BW	024	1.00	0.92
FV4(A,B)NF	002	0.94	0.90	CK5PA	024	1.00	0.92
FX4(A,B)NF	018	1.00	1.00		030	0.94	0.93
COILS + 58CV(A,X)070-12 VARIABLE SPEED FURNACE				CK5PW	024	1.00	0.92
CC5A/CD5AA	024	0.95	0.96		030	0.94	0.93
CC5A/CD5AW	024	0.95	0.96	COILS + 58MVP080-14 VARIABLE SPEED FURNACE			
CE3AA	024	0.96	0.96	CC5A/CD5AW	024	0.97	0.95
CK3BA	024	0.99	0.94	CE3AA	024	0.98	0.95
CK5A/CK5BA	024	0.99	0.94	CK3BA	024	0.94	0.91
CK5A/CK5BW	024	0.99	0.94	CK5A/CK5BW	024	0.96	0.92
CK5PA	024	0.99	0.94	CK5PW	024	0.96	0.92
	030	0.94	0.94		030	0.94	0.93

See notes on pg. 44.

Heat pump heating performance continued

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES °F																							
		-3			7			17			27			37			47			57			67		
EDB	CFM	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr
		Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†
38EYG024-30 Outdoor Section With FX4(A,B)NF030 Indoor Section																									
65	700	10.50	9.64	1.85	12.9	11.8	1.91	15.4	14.0	1.96	18.1	16.0	2.01	21.3	19.3	2.09	24.9	24.9	2.18	29.3	29.3	2.31	33.3	33.3	2.40
	825	10.70	9.84	1.87	13.1	12.0	1.91	15.6	14.2	1.95	18.3	16.3	2.00	21.6	19.7	2.06	25.4	25.4	2.15	29.8	29.8	2.24	33.2	33.2	2.31
	950	10.90	10.00	1.89	13.3	12.2	1.93	15.8	14.4	1.96	18.6	16.5	2.00	21.9	19.9	2.06	25.7	25.7	2.13	29.5	29.5	2.19	32.8	32.8	2.25
70	700	10.20	9.38	1.94	12.7	11.7	2.00	15.2	13.8	2.06	17.8	15.8	2.11	20.9	19.1	2.19	24.6	24.6	2.29	28.8	28.8	2.42	33.4	33.4	2.55
	825	10.40	9.59	1.95	12.9	11.9	2.00	15.4	14.0	2.05	18.1	16.1	2.10	21.3	19.4	2.16	25.0	25.0	2.25	29.3	29.3	2.35	33.3	33.3	2.44
	950	10.60	9.78	1.98	13.1	12.0	2.02	15.6	14.2	2.06	18.3	16.3	2.10	21.6	19.6	2.15	25.3	25.3	2.23	29.4	29.4	2.31	33.1	33.1	2.39
75	700	9.89	9.10	2.02	12.4	11.4	2.09	15.0	13.7	2.16	17.6	15.6	2.22	20.7	18.8	2.30	24.2	24.2	2.40	28.4	28.4	2.53	33.0	33.0	2.68
	825	10.10	9.31	2.04	12.7	11.6	2.09	15.2	13.9	2.15	17.9	15.9	2.20	21.0	19.1	2.27	24.6	24.6	2.35	28.9	28.9	2.48	32.9	32.9	2.56
	950	10.30	9.51	2.06	12.9	11.8	2.11	15.4	14.1	2.15	18.1	16.1	2.20	21.3	19.3	2.26	25.0	25.0	2.34	29.3	29.3	2.43	32.7	32.7	2.50

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Heating		Indoor Section	Size	Heating	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	036	1.00	1.02	CK5PT	036	0.96	0.95
CC5A/CD5AW	036	1.00	1.02	COILS + 58MVP040-14 VARIABLE SPEED FURNACE			
CE3AA	024	0.96	1.04	CE3AA	030	0.94	1.00
	030	0.94	1.04	COILS + 58MVP060-14 VARIABLE SPEED FURNACE			
	036	1.00	1.04	CC5A/CD5AA	036	0.92	0.94
CF5AA	036	1.00	1.03	CE3AA	030	0.94	1.00
CK3BA	030	0.90	1.03	CK3BA	030	0.92	0.99
	036	1.00	1.00	CK5A/CK5BA	030	0.92	1.00
CK5A/CK5BA	036	1.00	1.00	CK5A/CK5BW	030	0.90	0.99
CK5A/CK5BW	036	1.00	1.00	CK5PA	030	0.92	1.00
CK5PA	030	0.90	1.03	CK5PW	030	0.92	0.99
	036	1.00	1.00	COILS + 58MVP080-14 VARIABLE SPEED FURNACE			
CK5PW	036	1.00	1.00	CE3AA	030	0.94	1.00
F(A,B)4(A,B)N(F,C)	030	1.00	1.04	CK3BA	030	0.92	0.99
	036	1.00	1.03	CK5A/CK5BW	030	0.90	0.99
FC4(B,C)NF	030	1.00	1.04	CK5PW	030	0.91	0.99
	036	1.00	1.03	COILS + 58MVP080-20 VARIABLE SPEED FURNACE			
FF1DNA	030	1.00	1.03	CE3AA	030	0.94	1.00
FG3AAA	036	1.00	1.04	CK3BA	030	0.92	0.99
FK4(C,D)NF	001	0.98	0.98	CK5A/CK5BW	030	0.91	0.98
	002	0.98	0.95	CK5PW	030	0.91	0.99
FV4(A,B)NF	002	0.98	0.95	COILS + 58MVP100-20 VARIABLE SPEED FURNACE			
FX4(A,B)NF	030	1.00	1.00	CE3AA	030	0.94	0.99
COILS + 58CV(A,X)070-12 VARIABLE SPEED FURNACE				CK3BA	030	0.92	0.99
CE3AA	036	0.96	1.00	CK5A/CK5BW	030	0.91	0.98
CK3BA	036	0.96	0.95	CK5PW	030	0.91	0.98
CK5A/CK5BA	036	0.96	0.95	COILS + 58MVP120-20 VARIABLE SPEED FURNACE			
CK5A/CK5BT	036	0.96	0.95	CE3AA	030	0.96	1.02
CK5PA	036	0.96	0.96	—	—	—	—

See notes on pg. 44.

Heat pump heating performance continued

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES °F																							
		-3			7			17			27			37			47			57			67		
EDB	CFM	Capacity (MBtuh)	Total Pwr	Capacity (MBtuh)	Total Pwr	Capacity (MBtuh)	Total Pwr	Capacity (MBtuh)	Total Pwr	Capacity (MBtuh)	Total Pwr	Capacity (MBtuh)	Total Pwr	Capacity (MBtuh)	Total Pwr	Capacity (MBtuh)	Total Pwr	Capacity (MBtuh)	Total Pwr	Capacity (MBtuh)	Total Pwr	Capacity (MBtuh)	Total Pwr		
		Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†
38EYG030-30 Outdoor Section With FX4(A,B)NF030 Indoor Section																									
65	900	12.50	11.50	2.12	15.5	14.3	2.18	18.7	17.0	2.25	22.0	19.5	2.31	25.7	23.4	2.39	30.0	30.0	2.48	34.8	34.8	2.61	40.5	40.5	2.77
	1050	12.70	11.70	2.16	15.8	14.5	2.21	18.9	17.3	2.26	22.3	19.8	2.31	26.1	23.8	2.38	30.4	30.4	2.46	35.4	35.4	2.57	41.3	41.3	2.72
	1200	13.00	12.00	2.19	16.1	14.8	2.24	19.2	17.5	2.28	22.6	20.1	2.33	26.4	24.1	2.39	30.8	30.8	2.46	35.9	35.9	2.57	41.7	41.7	2.69
70	900	12.10	11.10	2.22	15.2	13.9	2.28	18.4	16.8	2.36	21.7	19.3	2.43	25.4	23.1	2.51	29.5	29.5	2.60	34.3	34.3	2.73	39.9	39.9	2.89
	1050	12.40	11.40	2.25	15.5	14.2	2.30	18.7	17.1	2.37	22.0	19.6	2.43	25.8	23.4	2.49	30.0	30.0	2.58	34.9	34.9	2.69	40.6	40.6	2.85
	1200	12.60	11.60	2.29	15.8	14.5	2.33	19.0	17.3	2.39	22.3	19.8	2.44	26.1	23.7	2.50	30.4	30.4	2.58	35.4	35.4	2.68	41.2	41.2	2.83
75	900	11.60	10.70	2.31	14.8	13.6	2.39	18.1	16.5	2.47	21.4	19.0	2.54	25.1	22.8	2.63	29.1	29.1	2.73	33.8	33.8	2.86	39.2	39.2	3.03
	1050	11.90	11.00	2.35	15.1	13.9	2.41	18.4	16.8	2.48	21.7	19.3	2.54	25.4	23.1	2.61	29.6	29.6	2.70	34.3	34.3	2.82	39.9	39.9	2.98
	1200	12.20	11.20	2.38	15.4	14.1	2.44	18.7	17.1	2.50	22.0	19.6	2.55	25.8	23.4	2.62	30.0	30.0	2.70	34.8	34.8	2.81	40.5	40.5	2.96

Multipliers for Determining the Performance With Other Indoor Sections.

Indoor Section	Size	Heating		Indoor Section	Size	Heating	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	036	1.00	1.01	CK5PA	036	0.97	0.94
CC5A/CD5AW	036	1.00	1.01	CK5PT	036	0.97	0.94
CE3AA	036	1.00	1.04	CK5PW	036	0.97	0.94
CF5AA	036	1.00	1.06	COILS + 58MVP040-14 VARIABLE SPEED FURNACE			
CK3BA	036	1.00	1.00	CC5A/CD5AW	036	0.95	0.96
CK5A/CK5BA	036	1.00	1.00	CE3AA	036	0.97	0.99
CK5A/CK5BW	036	1.00	1.00	CK5A/CK5BW	036	0.96	0.94
CK5PA	036	1.00	1.00	CK5PW	036	0.96	0.94
CK5PW	036	1.00	1.00	COILS + 58MVP060-14 VARIABLE SPEED FURNACE			
F(A,B)4(A,B)N(F,C)	036	1.00	1.03	CC5A/CD5AW	036	0.95	0.96
FC4(B,C)NF	036	1.00	1.03	CE3AA	036	0.95	0.98
FG3AAA	036	1.00	1.04	CK3BA	036	0.96	0.94
FK4(C,D)NF	002	0.97	0.93	CK5A/CK5BA	036	0.96	0.94
	003	0.97	0.93	CK5A/CK5BT	036	0.96	0.94
FV4(A,B)NF	002	0.97	0.93	CK5A/CK5BW	036	0.96	0.94
	003	0.97	0.93	CK5PA	036	0.96	0.94
FX4(A,B)NF	030	1.00	1.00	CK5PT	036	0.97	0.95
COILS + 58CV(A,X)070-12 VARIABLE SPEED FURNACE				CK5PW	036	0.96	0.94
CC5A/CD5AA	036	0.97	0.98	COILS + 58MVP080-14 VARIABLE SPEED FURNACE			
CE3AA	036	0.97	1.00	CC5A/CD5AA	036	0.96	0.96
CK3BA	036	0.97	0.96	CC5A/CD5AW	036	0.95	0.95
CK5A/CK5BA	036	0.97	0.96	CE3AA	036	0.95	0.98
CK5A/CK5BT	036	0.97	0.96	CK3BA	036	0.96	0.94
CK5PA	036	0.97	0.96	CK5A/CK5BA	036	0.96	0.94
CK5PT	036	0.97	0.96	CK5A/CK5BT	036	0.96	0.94
COILS + 58CV(A,X)090-16 VARIABLE SPEED FURNACE				CK5A/CK5BW	036	0.96	0.94
CC5A/CD5AA	036	0.97	0.98	CK5PA	036	0.96	0.94
CC5A/CD5AW	036	0.97	0.98	CK5PT	036	0.96	0.94
CE3AA	036	0.97	0.99	CK5PW	036	0.96	0.94
CK3BA	036	0.97	0.94	COILS + 58MVP080-20 VARIABLE SPEED FURNACE			
CK5A/CK5BA	036	0.97	0.94	CC5A/CD5AA	036	0.95	0.96
CK5A/CK5BW	036	0.97	0.94	CC5A/CD5AW	036	0.95	0.96

See notes on pg. 44.

Heat pump heating performance continued

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES °F																							
		-3			7			17			27			37			47			57			67		
EDB	CFM	Capacity (MBtuh)	Total Pwr	Capacity (MBtuh)	Total Pwr	Capacity (MBtuh)	Total Pwr	Capacity (MBtuh)	Total Pwr	Capacity (MBtuh)	Total Pwr	Capacity (MBtuh)	Total Pwr	Capacity (MBtuh)	Total Pwr	Capacity (MBtuh)	Total Pwr	Capacity (MBtuh)	Total Pwr	Capacity (MBtuh)	Total Pwr	Capacity (MBtuh)	Total Pwr		
		Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†
38EYG030-30 Outdoor Section With FX4(A,B)NF030 Indoor Section continued																									
65	900	12.50	11.50	2.12	15.5	14.3	2.18	18.7	17.0	2.25	22.0	19.5	2.31	25.7	23.4	2.39	30.0	30.0	2.48	34.8	34.8	2.61	40.5	40.5	2.77
	1050	12.70	11.70	2.16	15.8	14.5	2.21	18.9	17.3	2.26	22.3	19.8	2.31	26.1	23.8	2.38	30.4	30.4	2.46	35.4	35.4	2.57	41.3	41.3	2.72
	1200	13.00	12.00	2.19	16.1	14.8	2.24	19.2	17.5	2.28	22.6	20.1	2.33	26.4	24.1	2.39	30.8	30.8	2.46	35.9	35.9	2.57	41.7	41.7	2.69
70	900	12.10	11.10	2.22	15.2	13.9	2.28	18.4	16.8	2.36	21.7	19.3	2.43	25.4	23.1	2.51	29.5	29.5	2.60	34.3	34.3	2.73	39.9	39.9	2.89
	1050	12.40	11.40	2.25	15.5	14.2	2.30	18.7	17.1	2.37	22.0	19.6	2.43	25.8	23.4	2.49	30.0	30.0	2.58	34.9	34.9	2.69	40.6	40.6	2.85
	1200	12.60	11.60	2.29	15.8	14.5	2.33	19.0	17.3	2.39	22.3	19.8	2.44	26.1	23.7	2.50	30.4	30.4	2.58	35.4	35.4	2.68	41.2	41.2	2.83
75	900	11.60	10.70	2.31	14.8	13.6	2.39	18.1	16.5	2.47	21.4	19.0	2.54	25.1	22.8	2.63	29.1	29.1	2.73	33.8	33.8	2.86	39.2	39.2	3.03
	1050	11.90	11.00	2.35	15.1	13.9	2.41	18.4	16.8	2.48	21.7	19.3	2.54	25.4	23.1	2.61	29.6	29.6	2.70	34.3	34.3	2.82	39.9	39.9	2.98
	1200	12.20	11.20	2.38	15.4	14.1	2.44	18.7	17.1	2.50	22.0	19.6	2.55	25.8	23.4	2.62	30.0	30.0	2.70	34.8	34.8	2.81	40.5	40.5	2.96

Multipliers for Determining the Performance With Other Indoor Sections.

Indoor Section	Size	Heating		Indoor Section	Size	Heating	
		Capacity	Power			Capacity	Power
CE3AA	036	0.95	0.98	CK3BA	036	0.96	0.94
CK3BA	036	0.96	0.94	CK5A/CK5BA	036	0.96	0.94
CK5A/CK5BA	036	0.96	0.94	CK5A/CK5BT	036	0.96	0.94
CK5A/CK5BT	036	0.96	0.94	CK5A/CK5BW	036	0.96	0.94
CK5A/CK5BW	036	0.97	0.95	CK5PA	036	0.96	0.94
CK5PA	036	0.96	0.94	CK5PT	036	0.96	0.94
CK5PT	036	0.97	0.95	CK5PW	036	0.96	0.94
CK5PW	036	0.96	0.94	COILS + 58MVP120-20 VARIABLE SPEED FURNACE			
COILS + 58MVP100-20 VARIABLE SPEED FURNACE				CC5A/CD5AW	036	0.95	0.96
CC5A/CD5AA	036	0.95	0.95	CE3AA	036	0.95	0.98
CC5A/CD5AW	036	0.95	0.95	CK5A/CK5BW	036	0.96	0.94
CE3AA	036	0.95	0.97	CK5PW	036	0.96	0.94

See notes on pg. 44.

Heat pump heating performance continued

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES °F																							
		-3			7			17			27			37			47			57			67		
EDB	CFM	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr
		Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†
38EYG036-30, 50 Outdoor Section With FX4(A,B)NF036 Indoor Section																									
65	1050	16.1	14.8	2.48	19.3	17.7	2.54	23.0	20.9	2.64	27.0	24.0	2.75	31.6	28.7	2.87	36.6	36.6	3.01	42.4	42.4	3.17	48.7	48.7	3.35
	1275	16.4	15.1	2.58	19.7	18.1	2.62	23.4	21.4	2.68	27.6	24.5	2.76	32.3	29.4	2.87	37.6	37.6	2.99	43.6	43.6	3.12	50.2	50.2	3.28
	1500	16.7	15.4	2.69	20.1	18.4	2.71	23.9	21.8	2.75	28.1	25.0	2.81	32.9	30.0	2.90	38.3	38.3	3.00	44.5	44.5	3.12	51.4	51.4	3.26
70	1050	15.9	14.7	2.59	19.1	17.6	2.67	22.7	20.7	2.77	26.7	23.7	2.88	31.2	28.3	3.02	36.1	36.1	3.16	41.7	41.7	3.33	47.8	47.8	3.51
	1275	16.3	15.0	2.69	19.5	17.9	2.73	23.2	21.2	2.81	27.3	24.3	2.90	31.9	29.0	3.01	37.0	37.0	3.13	42.8	42.8	3.27	49.3	49.3	3.43
	1500	16.6	15.3	2.80	19.9	18.3	2.83	23.6	21.5	2.88	27.8	24.7	2.95	32.5	29.6	3.04	37.8	37.8	3.14	43.8	43.8	3.27	50.5	50.5	3.41
75	1050	15.8	14.5	2.71	18.9	17.4	2.80	22.5	20.5	2.91	26.4	23.4	3.03	30.7	28.0	3.17	35.6	35.6	3.32	41.0	41.0	3.49	46.9	46.9	3.68
	1275	16.1	14.9	2.81	19.3	17.8	2.86	22.9	20.9	2.94	27.0	24.0	3.04	31.5	28.6	3.16	36.5	36.5	3.29	42.1	42.1	3.43	48.4	48.4	3.60
	1500	16.5	15.1	2.92	19.7	18.1	2.95	23.4	21.3	3.01	27.5	24.4	3.08	32.1	29.2	3.18	37.2	37.2	3.29	43.1	43.1	3.42	49.6	49.6	3.57

Multipliers for Determining the Performance With Other Indoor Sections.

Indoor Section	Size	Heating		Indoor Section	Size	Heating	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	042	1.00	1.02	FV4(A,B)NF	003	0.96	0.94
CC5A/CD5AC	048	0.95	1.03		005	0.98	0.90
CC5A/CD5AW	042	1.00	1.03	FV4BNF	002	0.97	0.94
	048	1.00	1.01	FX4(A,B)NF	036	1.00	1.00
CD5AA	048	1.00	1.01		042	1.00	0.97
CE3AA	042	1.00	1.00	COILS + 58CV(A,X)070-12 VARIABLE SPEED FURNACE			
	048	1.00	0.99	CE3AA	042	0.95	0.95
CF5AA	048	1.00	1.01	CK5A/CK5BE	042	0.95	0.92
CK3BA	042	1.00	1.00	CK5PE	042	0.95	0.92
	048	1.00	0.98	COILS + 58CV(A,X)090-16 VARIABLE SPEED FURNACE			
CK5A/CK5BA	042	1.00	1.00	CC5A/CD5AA	042	0.95	0.95
	048	1.00	1.00	CC5A/CD5AC	048	0.95	0.99
CK5A/CK5BE	042	0.95	0.93	CD5AA	048	0.95	0.92
CK5A/CK5BT	042	1.00	1.00	CE3AA	042	0.95	0.94
	048	1.00	0.98		048	0.95	0.92
CK5A/CK5BW	048	1.00	0.98	CK3BA	042	0.95	0.92
CK5PA	042	1.00	1.00		048	0.95	0.91
	048	1.00	1.00	CK5A/CK5BA	042	0.95	0.92
CK5PE	042	0.95	0.93		048	0.95	0.91
CK5PT	042	1.00	1.00	CK5A/CK5BE	042	0.95	0.91
	048	1.00	0.98	CK5A/CK5BT	042	0.95	0.92
CK5PW	048	1.00	0.98		048	0.95	0.91
F(A,B)4(A,B)N(F,B,C)	042	1.00	1.01	CK5PA	042	0.95	0.92
	048	1.01	0.99		048	0.95	0.91
FC4(B,C)N(F,B)	042	1.00	1.01	CK5PE	042	0.95	0.91
	048	1.01	0.99	CK5PT	042	0.95	0.92
FG3AAA	048	1.00	0.99		048	0.95	0.91
FK4(C,D)NF	003	0.96	0.95	COILS + 58CV(A,X)110-20 VARIABLE SPEED FURNACE			
	005	0.98	0.90	CK5PA	048	0.96	0.94
FK4DNF	002	0.97	0.95	CK5PT	048	0.96	0.94
	—	—	—	CK5PW	048	0.96	0.93

See notes on pg. 44.

Heat pump heating performance continued

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES °F																							
		-3			7			17			27			37			47			57			67		
EDB	CFM	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr
		Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†
38EYG036-30, 50 Outdoor Section With FX4(A,B)NF036 Indoor Section continued																									
65	1050	16.1	14.8	2.48	19.3	17.7	2.54	23.0	20.9	2.64	27.0	24.0	2.75	31.6	28.7	2.87	36.6	36.6	3.01	42.4	42.4	3.17	48.7	48.7	3.35
	1275	16.4	15.1	2.58	19.7	18.1	2.62	23.4	21.4	2.68	27.6	24.5	2.76	32.3	29.4	2.87	37.6	37.6	2.99	43.6	43.6	3.12	50.2	50.2	3.28
	1500	16.7	15.4	2.69	20.1	18.4	2.71	23.9	21.8	2.75	28.1	25.0	2.81	32.9	30.0	2.90	38.3	38.3	3.00	44.5	44.5	3.12	51.4	51.4	3.26
70	1050	15.9	14.7	2.59	19.1	17.6	2.67	22.7	20.7	2.77	26.7	23.7	2.88	31.2	28.3	3.02	36.1	36.1	3.16	41.7	41.7	3.33	47.8	47.8	3.51
	1275	16.3	15.0	2.69	19.5	17.9	2.73	23.2	21.2	2.81	27.3	24.3	2.90	31.9	29.0	3.01	37.0	37.0	3.13	42.8	42.8	3.27	49.3	49.3	3.43
	1500	16.6	15.3	2.80	19.9	18.3	2.83	23.6	21.5	2.88	27.8	24.7	2.95	32.5	29.6	3.04	37.8	37.8	3.14	43.8	43.8	3.27	50.5	50.5	3.41
75	1050	15.8	14.5	2.71	18.9	17.4	2.80	22.5	20.5	2.91	26.4	23.4	3.03	30.7	28.0	3.17	35.6	35.6	3.32	41.0	41.0	3.49	46.9	46.9	3.68
	1275	16.1	14.9	2.81	19.3	17.8	2.86	22.9	20.9	2.94	27.0	24.0	3.04	31.5	28.6	3.16	36.5	36.5	3.29	42.1	42.1	3.43	48.4	48.4	3.60
	1500	16.5	15.1	2.92	19.7	18.1	2.95	23.4	21.3	3.01	27.5	24.4	3.08	32.1	29.2	3.18	37.2	37.2	3.29	43.1	43.1	3.42	49.6	49.6	3.57

Multipliers for Determining the Performance With Other Indoor Sections.

Indoor Section	Size	Heating		Indoor Section	Size	Heating	
		Capacity	Power			Capacity	Power
COILS + 58CV(A,X)110-22 VARIABLE SPEED FURNACE				CK5PA	042	0.95	0.92
CC5A/CD5AA	042	0.95	0.95		048	0.95	0.91
CC5A/CD5AC	048	0.95	0.98	CK5PT	042	0.95	0.92
CC5A/CD5AW	042	0.95	0.96		048	0.95	0.91
	048	0.95	0.92	CK5PW	048	0.95	0.91
CD5AA	048	0.95	0.92	COILS + 58CV(A,X)155-22 VARIABLE SPEED FURNACE			
CE3AA	042	0.95	0.93	CC5A/CD5AA	042	0.95	0.95
	048	0.95	0.92	CC5A/CD5AC	048	0.95	0.97
CK3BA	042	0.95	0.92	CC5A/CD5AW	042	0.95	0.96
	048	0.95	0.90		048	0.95	0.91
CK5A/CK5BA	042	0.95	0.92	CD5AA	048	0.95	0.91
	048	0.95	0.90		CE3AA	042	0.95
CK5A/CK5BT	042	0.95	0.92	048		0.95	0.92
	048	0.95	0.90	CK3BA	042	0.95	0.92
CK5A/CK5BW	048	0.95	0.90		048	0.95	0.90
CK5PA	042	0.95	0.92	CK5A/CK5BA	042	0.95	0.92
	048	0.95	0.90		048	0.95	0.90
CK5PT	042	0.95	0.92	CK5A/CK5BT	042	0.95	0.92
	048	0.95	0.90		048	0.95	0.90
CK5PW	048	0.95	0.90	CK5A/CK5BW	048	0.95	0.90
COILS + 58CV(A,X)135-22 VARIABLE SPEED FURNACE				CK5PA	042	0.95	0.92
CC5A/CD5AA	042	0.95	0.95		048	0.95	0.90
CC5A/CD5AC	048	0.95	0.98	CK5PT	042	0.95	0.92
CC5A/CD5AW	042	0.95	0.96		048	0.95	0.90
	048	0.95	0.92	CK5PW	048	0.95	0.90
CD5AA	048	0.95	0.92	COILS + 58MVP040-14 VARIABLE SPEED FURNACE			
CE3AA	042	0.95	0.94	CC5A/CD5AC	048	0.95	1.01
	048	0.95	0.92	CC5A/CD5AW	048	0.95	0.96
CK3BA	042	0.95	0.92	CD5AA	048	0.95	0.95
	048	0.95	0.91	CE3AA	048	0.96	0.97
CK5A/CK5BA	042	0.95	0.92	CK3BA	048	0.96	0.95
	048	0.95	0.91	CK5A/CK5BA	048	0.96	0.95
CK5A/CK5BT	042	0.95	0.92	CK5A/CK5BT	048	0.96	0.95
	048	0.95	0.91	CK5A/CK5BW	048	0.94	0.92
CK5A/CK5BW	048	0.95	0.91		—	—	—

See notes on pg. 44.

Heat pump heating performance continued

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES °F																							
		-3			7			17			27			37			47			57			67		
EDB	CFM	Capacity (MBtuh)	Total Pwr	Capacity (MBtuh)	Total Pwr	Capacity (MBtuh)	Total Pwr	Capacity (MBtuh)	Total Pwr	Capacity (MBtuh)	Total Pwr	Capacity (MBtuh)	Total Pwr	Capacity (MBtuh)	Total Pwr	Capacity (MBtuh)	Total Pwr	Capacity (MBtuh)	Total Pwr	Capacity (MBtuh)	Total Pwr	Capacity (MBtuh)	Total Pwr		
		Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†
38EYG036-30, 50 Outdoor Section With FX4(A,B)NF036 Indoor Section continued																									
65	1050	16.1	14.8	2.48	19.3	17.7	2.54	23.0	20.9	2.64	27.0	24.0	2.75	31.6	28.7	2.87	36.6	36.6	3.01	42.4	42.4	3.17	48.7	48.7	3.35
	1275	16.4	15.1	2.58	19.7	18.1	2.62	23.4	21.4	2.68	27.6	24.5	2.76	32.3	29.4	2.87	37.6	37.6	2.99	43.6	43.6	3.12	50.2	50.2	3.28
	1500	16.7	15.4	2.69	20.1	18.4	2.71	23.9	21.8	2.75	28.1	25.0	2.81	32.9	30.0	2.90	38.3	38.3	3.00	44.5	44.5	3.12	51.4	51.4	3.26
70	1050	15.9	14.7	2.59	19.1	17.6	2.67	22.7	20.7	2.77	26.7	23.7	2.88	31.2	28.3	3.02	36.1	36.1	3.16	41.7	41.7	3.33	47.8	47.8	3.51
	1275	16.3	15.0	2.69	19.5	17.9	2.73	23.2	21.2	2.81	27.3	24.3	2.90	31.9	29.0	3.01	37.0	37.0	3.13	42.8	42.8	3.27	49.3	49.3	3.43
	1500	16.6	15.3	2.80	19.9	18.3	2.83	23.6	21.5	2.88	27.8	24.7	2.95	32.5	29.6	3.04	37.8	37.8	3.14	43.8	43.8	3.27	50.5	50.5	3.41
75	1050	15.8	14.5	2.71	18.9	17.4	2.80	22.5	20.5	2.91	26.4	23.4	3.03	30.7	28.0	3.17	35.6	35.6	3.32	41.0	41.0	3.49	46.9	46.9	3.68
	1275	16.1	14.9	2.81	19.3	17.8	2.86	22.9	20.9	2.94	27.0	24.0	3.04	31.5	28.6	3.16	36.5	36.5	3.29	42.1	42.1	3.43	48.4	48.4	3.60
	1500	16.5	15.1	2.92	19.7	18.1	2.95	23.4	21.3	3.01	27.5	24.4	3.08	32.1	29.2	3.18	37.2	37.2	3.29	43.1	43.1	3.42	49.6	49.6	3.57

Multipliers for Determining the Performance With Other Indoor Sections.

Indoor Section	Size	Heating		Indoor Section	Size	Heating	
		Capacity	Power			Capacity	Power
CK5PA	048	0.96	0.95	CK5A/CK5BA	048	0.96	0.95
CK5PT	048	0.96	0.95	CK5A/CK5BT	048	0.94	0.92
CK5PW	048	0.96	0.95	CK5A/CK5BW	048	0.94	0.91
COILS + 58MVP060-14 VARIABLE SPEED FURNACE				CK5PA	048	0.96	0.95
CC5A/CD5AC	048	0.95	1.00	CK5PT	048	0.96	0.95
CD5AA	048	0.95	0.95	CK5PW	048	0.96	0.94
CE3AA	048	0.96	0.95	COILS + 58MVP100-20 VARIABLE SPEED FURNACE			
CK3BA	048	0.96	0.94	CC5A/CD5AC	048	0.95	1.00
CK5A/CK5BA	048	0.96	0.94	CC5A/CD5AW	048	0.95	0.94
CK5A/CK5BT	048	0.94	0.91	CD5AA	048	0.95	0.94
CK5PA	048	0.96	0.94	CE3AA	048	0.96	0.95
CK5PT	048	0.96	0.94	CK3BA	048	0.96	0.94
COILS + 58MVP080-14 VARIABLE SPEED FURNACE				CK5A/CK5BA	048	0.96	0.94
CC5A/CD5AC	048	0.95	1.02	CK5A/CK5BT	048	0.94	0.91
CC5A/CD5AW	048	0.93	0.94	CK5A/CK5BW	048	0.94	0.91
CD5AA	048	0.95	0.95	CK5PA	048	0.96	0.94
CE3AA	048	0.96	0.97	CK5PT	048	0.96	0.94
CK3BA	048	0.96	0.95	CK5PW	048	0.96	0.94
CK5A/CK5BA	048	0.96	0.95	COILS + 58MVP120-20 VARIABLE SPEED FURNACE			
CK5A/CK5BT	048	0.94	0.92	CC5A/CD5AC	048	0.95	1.00
CK5A/CK5BW	048	0.94	0.92	CC5A/CD5AW	048	0.95	0.94
CK5PA	048	0.96	0.95	CD5AA	048	0.95	0.94
CK5PT	048	0.96	0.95	CE3AA	048	0.96	0.95
CK5PW	048	0.96	0.95	CK3BA	048	0.96	0.94
COILS + 58MVP080-20 VARIABLE SPEED FURNACE				CK5A/CK5BA	048	0.96	0.94
CC5A/CD5AC	048	0.95	1.00	CK5A/CK5BT	048	0.96	0.94
CC5A/CD5AW	048	0.95	0.95	CK5A/CK5BW	048	0.96	0.94
CD5AA	048	0.95	0.95	CK5PA	048	0.96	0.94
CE3AA	048	0.96	0.96	CK5PT	048	0.96	0.94
CK3BA	048	0.96	0.95	CK5PW	048	0.96	0.94

See notes on pg. 44.

Heat pump heating performance continued

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES °F																							
		-3			7			17			27			37			47			57			67		
EDB	CFM	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr
		Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†
38EYG042-30 Outdoor Section With FX4(A,B)NF042 Indoor Section																									
65	1225	19.7	18.1	3.16	23.7	21.8	3.14	27.5	25.1	3.09	31.7	28.2	3.05	36.5	33.3	3.02	42.0	42.0	3.01	48.4	48.4	3.04	55.7	55.7	3.10
	1400	20.1	18.5	3.19	24.0	22.0	3.16	27.9	25.4	3.10	32.1	28.5	3.04	37.0	33.7	3.00	42.6	42.6	2.98	49.1	49.1	2.99	55.4	55.4	2.98
	1575	20.4	18.8	3.24	24.3	22.3	3.19	28.2	25.7	3.12	32.5	28.9	3.05	37.5	34.1	3.00	43.1	43.1	2.97	49.7	49.7	2.98	55.9	55.9	2.95
70	1225	19.2	17.7	3.31	23.3	21.4	3.29	27.2	24.8	3.25	31.4	27.9	3.21	36.1	32.8	3.18	41.4	41.4	3.17	47.7	47.7	3.19	54.8	54.8	3.25
	1400	19.6	18.0	3.34	23.7	21.8	3.31	27.6	25.2	3.26	31.7	28.2	3.20	36.5	33.3	3.16	42.0	42.0	3.13	48.4	48.4	3.14	55.6	55.6	3.18
	1575	19.9	18.3	3.39	24.0	22.1	3.34	27.9	25.5	3.28	32.1	28.5	3.21	37.0	33.6	3.15	42.5	42.5	3.12	49.0	49.0	3.12	55.8	55.8	3.13
75	1225	18.7	17.2	3.46	22.9	21.0	3.45	26.9	24.6	3.42	31.0	27.5	3.38	35.6	32.4	3.34	40.8	40.8	3.33	47.0	47.0	3.35	54.0	54.0	3.41
	1400	19.0	17.5	3.50	23.3	21.4	3.47	27.3	24.9	3.43	31.4	27.9	3.37	36.1	32.8	3.32	41.4	41.4	3.29	47.7	47.7	3.30	54.8	54.8	3.35
	1575	19.4	17.8	3.54	23.6	21.7	3.50	27.6	25.2	3.44	31.8	28.2	3.37	36.5	33.2	3.32	41.9	41.9	3.28	48.2	48.2	3.27	55.4	55.4	3.33

Multipliers for Determining the Performance With Other Indoor Sections.

Indoor Section	Size	Heating		Indoor Section	Size	Heating	
		Capacity	Power			Capacity	Power
CC5A/CD5AC	048	1.02	1.02	COILS + 58CV(A,X)110-22 VARIABLE SPEED FURNACE			
CC5A/CD5AW	048	1.02	0.97	CC5A/CD5AC	048	1.00	0.99
CD5AA	048	1.02	0.97	CC5A/CD5AW	048	1.00	0.95
CE3AA	048	1.02	0.96	CD5AA	048	1.00	0.94
CF5AA	048	1.02	0.98	CE3AA	048	1.02	0.95
CK3BA	048	1.02	0.96	CK3BA	048	1.02	0.93
CK5A/CK5BA	048	1.02	0.96	CK5A/CK5BA	048	1.02	0.93
CK5A/CK5BE	042	1.00	0.93	CK5A/CK5BT	048	1.02	0.93
CK5A/CK5BT	048	1.02	0.96	CK5A/CK5BW	048	1.02	0.93
CK5A/CK5BW	048	1.02	0.96	CK5PA	048	1.02	0.93
CK5PA	048	1.02	0.96	CK5PT	048	1.02	0.93
CK5PE	042	1.00	0.93	CK5PW	048	1.02	0.93
CK5PT	048	1.02	0.96	COILS + 58CV(A,X)135-22 VARIABLE SPEED FURNACE			
CK5PW	048	1.02	0.96	CC5A/CD5AC	048	1.00	0.99
F(A,B)4(A,B)N(F,B,C)	048	1.02	0.94	CC5A/CD5AW	048	1.00	0.94
FC4(B,C)N(F,B)	048	1.02	0.94	CD5AA	048	1.00	0.94
FG3AAA	048	1.02	0.96	CE3AA	048	1.02	0.95
FK4(C,D)NF	003	1.02	0.96	CK3BA	048	1.02	0.93
	005	1.02	0.88	CK5A/CK5BA	048	1.02	0.93
FV4(A,B)NF	003	1.02	0.95	CK5A/CK5BT	048	1.02	0.93
	005	1.02	0.88	CK5A/CK5BW	048	1.02	0.93
FX4(A,B)NF	042	1.02	0.93	CK5PA	048	1.02	0.93
COILS + 58CV(A,X)090-16 VARIABLE SPEED FURNACE				CK5PT	048	1.02	0.93
CC5A/CD5AC	048	1.00	1.00	CK5PW	048	1.02	0.93
CD5AA	048	1.00	0.95	COILS + 58CV(A,X)155-22 VARIABLE SPEED FURNACE			
CE3AA	048	1.02	0.96	CC5A/CD5AC	048	1.00	0.99
CK3BA	048	1.02	0.94	CC5A/CD5AW	048	1.00	0.94
CK5A/CK5BA	048	1.02	0.94	CD5AA	048	1.00	0.94
CK5A/CK5BE	042	1.02	0.94	CE3AA	048	1.02	0.95
CK5A/CK5BT	048	1.02	0.94	CK3BA	048	1.02	0.93
CK5PA	048	1.02	0.94	CK5A/CK5BA	048	1.02	0.93
CK5PE	042	1.02	0.94	CK5A/CK5BT	048	1.02	0.93
CK5PT	048	1.02	0.94	CK5A/CK5BW	048	1.02	0.93
	—	—	—	CK5PA	048	1.02	0.93

See notes on pg. 44.

Heat pump heating performance continued

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES °F																							
		-3			7			17			27			37			47			57			67		
EDB	CFM	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr
		Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†
38EYG042-30 Outdoor Section With FX4(A,B)NF042 Indoor Section continued																									
65	1225	19.7	18.1	3.16	23.7	21.8	3.14	27.5	25.1	3.09	31.7	28.2	3.05	36.5	33.3	3.02	42.0	42.0	3.01	48.4	48.4	3.04	55.7	55.7	3.10
	1400	20.1	18.5	3.19	24.0	22.0	3.19	27.9	25.4	3.10	32.1	28.5	3.04	37.0	33.7	3.00	42.6	42.6	2.98	49.1	49.1	2.99	55.4	55.4	2.98
	1575	20.4	18.8	3.24	24.3	22.3	3.16	28.2	25.7	3.12	32.5	28.9	3.05	37.5	34.1	3.00	43.1	43.1	2.97	49.7	49.7	2.98	55.9	55.9	2.95
70	1225	19.2	17.7	3.31	23.3	21.4	3.29	27.2	24.8	3.25	31.4	27.9	3.21	36.1	32.8	3.18	41.4	41.4	3.17	47.7	47.7	3.19	54.8	54.8	3.25
	1400	19.6	18.0	3.34	23.7	21.8	3.31	27.6	25.2	3.26	31.7	28.2	3.20	36.5	33.3	3.16	42.0	42.0	3.13	48.4	48.4	3.14	55.6	55.6	3.18
	1575	19.9	18.3	3.39	24.0	22.1	3.34	27.9	25.5	3.28	32.1	28.5	3.21	37.0	33.6	3.15	42.5	42.5	3.12	49.0	49.0	3.12	55.8	55.8	3.13
75	1225	18.7	17.2	3.46	22.9	21.0	3.45	26.9	24.6	3.42	31.0	27.5	3.38	35.6	32.4	3.34	40.8	40.8	3.33	47.0	47.0	3.35	54.0	54.0	3.41
	1400	19.0	17.5	3.50	23.3	21.4	3.47	27.3	24.9	3.43	31.4	27.9	3.37	36.1	32.8	3.32	41.4	41.4	3.29	47.7	47.7	3.30	54.8	54.8	3.35
	1575	19.4	17.8	3.54	23.6	21.7	3.50	27.6	25.2	3.44	31.8	28.2	3.37	36.5	33.2	3.32	41.9	41.9	3.28	48.2	48.2	3.27	55.4	55.4	3.31

Multipliers for Determining the Performance With Other Indoor Sections.

Indoor Section	Size	Heating		Indoor Section	Size	Heating	
		Capacity	Power			Capacity	Power
CK5PT	048	1.02	0.93	COILS + 58MVP080-20 VARIABLE SPEED FURNACE			
CK5PW	048	1.02	0.93	CC5A/CD5AC	048	0.99	1.01
COILS + 58MVP040-14 VARIABLE SPEED FURNACE				CC5A/CD5AW	048	1.00	0.97
CC5A/CD5AC	048	0.99	1.02	CD5AA	048	1.00	0.97
CC5A/CD5AW	048	1.00	0.98	CE3AA	048	1.01	0.96
CD5AA	048	1.00	0.98	CK3BA	048	1.01	0.95
CE3AA	048	1.01	0.97	CK5A/CK5BA	048	1.01	0.95
CK3BA	048	1.01	0.95	CK5A/CK5BT	048	1.01	0.95
CK5A/CK5BA	048	1.01	0.95	CK5A/CK5BW	048	1.01	0.95
CK5A/CK5BT	048	1.01	0.95	CK5PA	042	1.01	0.96
CK5A/CK5BW	048	1.01	0.95		048	1.01	0.95
CK5PA	042	1.01	0.97	CK5PT	048	1.01	0.95
	048	1.01	0.95	CK5PW	048	1.01	0.94
CK5PT	048	1.01	0.95	COILS + 58MVP100-20 VARIABLE SPEED FURNACE			
CK5PW	048	1.01	0.95	CC5A/CD5AC	048	0.99	1.01
COILS + 58MVP060-14 VARIABLE SPEED FURNACE				CC5A/CD5AW	048	1.02	0.99
CC5A/CD5AC	048	0.99	1.01	CD5AA	048	1.00	0.96
CD5AA	048	1.00	0.97	CE3AA	048	1.01	0.96
CE3AA	048	1.01	0.96	CK3BA	048	1.01	0.94
CK3BA	048	1.01	0.95	CK5A/CK5BA	048	1.01	0.94
CK5A/CK5BA	048	1.01	0.95	CK5A/CK5BT	048	1.01	0.94
CK5A/CK5BT	048	1.01	0.95	CK5A/CK5BW	048	1.01	0.93
CK5PA	042	1.01	0.96	CK5PA	042	1.01	0.96
	048	1.01	0.95		048	1.01	0.94
CK5PT	048	1.01	0.95	CK5PT	048	1.01	0.94
COILS + 58MVP080-14 VARIABLE SPEED FURNACE				CK5PW	048	1.01	0.94
CC5A/CD5AC	048	0.99	1.02	COILS + 58MVP120-20 VARIABLE SPEED FURNACE			
CC5A/CD5AW	048	1.00	0.98	CC5A/CD5AC	048	1.00	1.02
CD5AA	048	1.00	0.98	CC5A/CD5AW	048	1.01	0.98
CE3AA	048	1.01	0.97	CD5AA	048	0.99	0.96
CK3BA	048	1.01	0.96	CE3AA	048	1.01	0.96
CK5A/CK5BA	048	1.01	0.96	CK3BA	048	1.01	0.95
CK5A/CK5BT	048	1.01	0.96	CK5A/CK5BA	048	1.01	0.95
CK5A/CK5BW	048	1.01	0.95	CK5A/CK5BT	048	1.01	0.95
CK5PA	042	1.01	0.97	CK5A/CK5BW	048	1.01	0.94
	048	1.01	0.96	CK5PA	042	1.01	0.96
CK5PT	048	1.01	0.96		048	1.01	0.95
CK5PW	048	1.01	0.95	CK5PT	048	1.01	0.95
	—	—	—	CK5PW	048	1.01	0.94

See notes on pg. 44.

Heat pump heating performance continued

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES °F																							
		-3			7			17			27			37			47			57			67		
EDB	CFM	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr
		Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†
38EYG048-30, 50 Outdoor Section With FX4(A,B)NF048 Indoor Section																									
65	1400	20.3	18.7	3.11	24.8	22.8	3.21	29.3	26.7	3.31	34.3	30.4	3.42	40.2	36.6	3.56	47.0	47.0	3.75	55.1	55.1	3.99	62.8	62.8	4.19
	1600	20.7	19.0	3.16	25.1	23.1	3.24	29.7	27.1	3.33	34.7	30.8	3.43	40.7	37.1	3.56	47.7	47.7	3.73	55.5	55.5	3.92	62.0	62.0	4.08
	1800	21.0	19.3	3.21	25.5	23.4	3.29	30.0	27.4	3.36	35.1	31.2	3.45	41.2	37.5	3.58	48.3	48.3	3.74	55.4	55.4	3.89	61.7	61.7	4.04
70	1400	19.9	18.3	3.27	24.4	22.4	3.37	29.0	26.5	3.48	33.9	30.1	3.60	39.7	36.1	3.75	46.3	46.3	3.93	54.3	54.3	4.18	62.4	62.4	4.42
	1600	20.2	18.6	3.32	24.8	22.8	3.41	29.4	26.8	3.50	34.3	30.5	3.60	40.2	36.6	3.74	47.0	47.0	3.91	55.1	55.1	4.14	61.8	61.8	4.29
	1800	20.6	18.9	3.37	25.2	23.1	3.45	29.7	27.1	3.53	34.7	30.8	3.63	40.7	37.0	3.75	47.6	47.6	3.91	55.3	55.3	4.10	61.2	61.2	4.23
75	1400	19.4	17.8	3.44	24.0	22.1	3.54	28.8	26.2	3.67	33.6	29.8	3.79	39.2	35.6	3.94	45.7	45.7	4.13	53.5	53.5	4.39	61.8	61.8	4.66
	1600	19.8	18.2	3.48	24.4	22.4	3.57	29.1	26.6	3.68	34.0	30.2	3.79	39.7	36.1	3.93	46.3	46.3	4.10	54.3	54.3	4.34	61.5	61.5	4.53
	1800	20.1	18.5	3.53	24.8	22.8	3.62	29.5	26.9	3.71	34.4	30.5	3.81	40.1	36.5	3.94	46.9	46.9	4.10	54.9	54.9	4.33	61.2	61.2	4.47

Multipliers for Determining the Performance With Other Indoor Sections.

Indoor Section	Size	Heating		Indoor Section	Size	Heating	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	060	0.96	1.03	CD5PX	060	0.96	0.91
CC5A/CD5AW	060	0.98	1.00	CE3AA	060	0.96	0.97
CD5PX	060	0.96	0.92	CK3BA	060	0.96	0.93
CE3AA	060	0.98	1.00	CK5A/CK5BA	060	0.96	0.93
CK3BA	060	0.98	0.98	CK5A/CK5BT	060	0.96	0.93
CK5A/CK5BA	060	0.98	0.98	CK5A/CK5BX	060	0.96	0.93
CK5A/CK5BT	060	0.98	0.98	CK5PA	060	0.96	0.93
CK5A/CK5BX	060	0.98	0.97	CK5PT	060	0.96	0.93
CK5PA	060	0.98	0.98	CK5PX	060	0.96	0.93
CK5PT	060	0.98	0.98	COILS + 58CV(A,X)135-22 VARIABLE SPEED FURNACE			
CK5PX	060	0.98	0.97	CC5A/CD5AA	060	0.94	1.01
F(A,B)4(A,B)N(F,B,C)	060	1.00	1.02	CC5A/CD5AW	060	0.95	0.95
FB4(A,B)NB	070	1.00	0.97	CD5PX	060	0.96	0.91
FC4(B,C)N(F,B)	060	1.00	1.02	CE3AA	060	0.96	0.97
FC4(B,C)NB	070	0.98	1.00	CK3BA	060	0.96	0.94
FG3AAA	060	0.98	1.02	CK5A/CK5BA	060	0.96	0.94
FK4(C,D)NB	006	0.97	0.90	CK5A/CK5BT	060	0.96	0.94
FK4(C,D)NF	005	0.98	0.96	CK5A/CK5BX	060	0.96	0.93
FV4(A,B)NB	006	0.97	0.90	CK5PA	060	0.96	0.94
FV4(A,B)NF	005	0.97	0.95	CK5PT	060	0.96	0.94
FX4(A,B)NB	060	1.00	0.97	CK5PX	060	0.96	0.93
FX4(A,B)NF	048	1.00	1.00	COILS + 58CV(A,X)155-22 VARIABLE SPEED FURNACE			
COILS + 58CV(A,X)090-16 VARIABLE SPEED FURNACE				CC5A/CD5AA	060	0.94	1.00
				CC5A/CD5AW	060	0.95	0.95
COILS + 58CV(A,X)110-20 VARIABLE SPEED FURNACE				CD5PX	060	0.96	0.91
				CE3AA	060	0.96	0.96
				CK3BA	060	0.96	0.93
				CK5A/CK5BA	060	0.96	0.93
				CK5A/CK5BT	060	0.96	0.93
				—	—	—	—

See notes on pg. 44.

Heat pump heating performance continued

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES °F																							
		-3			7			17			27			37			47			57			67		
EDB	CFM	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr
		Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†
38EYG048-30, 50 Outdoor Section With FX4(A,B)NF048 Indoor Section continued																									
65	1400	20.3	18.7	3.11	24.8	22.8	3.21	29.3	26.7	3.31	34.3	30.4	3.42	40.2	36.6	3.56	47.0	47.0	3.75	55.1	55.1	3.99	62.8	62.8	4.19
	1600	20.7	19.0	3.16	25.1	23.1	3.24	29.7	27.1	3.33	34.7	30.8	3.43	40.7	37.1	3.56	47.7	47.7	3.73	55.5	55.5	3.92	62.0	62.0	4.08
	1800	21.0	19.3	3.21	25.5	23.4	3.29	30.0	27.4	3.36	35.1	31.2	3.45	41.2	37.5	3.58	48.3	48.3	3.74	55.4	55.4	3.89	61.7	61.7	4.04
70	1400	19.9	18.3	3.27	24.4	22.4	3.37	29.0	26.5	3.48	33.9	30.1	3.60	39.7	36.1	3.75	46.3	46.3	3.93	54.3	54.3	4.18	62.4	62.4	4.42
	1600	20.2	18.6	3.32	24.8	22.8	3.41	29.4	26.8	3.50	34.3	30.5	3.60	40.2	36.6	3.74	47.0	47.0	3.91	55.1	55.1	4.14	61.8	61.8	4.29
	1800	20.6	18.9	3.37	25.2	23.1	3.45	29.7	27.1	3.53	34.7	30.8	3.63	40.7	37.0	3.75	47.6	47.6	3.91	55.3	55.3	4.10	61.2	61.2	4.23
75	1400	19.4	17.8	3.44	24.0	22.1	3.54	28.8	26.2	3.67	33.6	29.8	3.79	39.2	35.6	3.94	45.7	45.7	4.13	53.5	53.5	4.39	61.8	61.8	4.66
	1600	19.8	18.2	3.48	24.4	22.4	3.57	29.1	26.6	3.68	34.0	30.2	3.79	39.7	36.1	3.93	46.3	46.3	4.10	54.3	54.3	4.34	61.5	61.5	4.53
	1800	20.1	18.5	3.53	24.8	22.8	3.62	29.5	26.9	3.71	34.4	30.5	3.81	40.1	36.5	3.94	46.9	46.9	4.10	54.9	54.9	4.33	61.2	61.2	4.47

Multipliers for Determining the Performance With Other Indoor Sections.

Indoor Section	Size	Heating		Indoor Section	Size	Heating	
		Capacity	Power			Capacity	Power
CK5A/CK5BX	060	0.96	0.92	CK3BA	060	0.96	0.96
CK5PA	060	0.96	0.93	CK5A/CK5BA	048	0.96	1.01
CK5PT	060	0.96	0.93		060	0.96	0.95
CK5PX	060	0.96	0.92	CK5A/CK5BT	060	0.96	0.95
COILS + 58MVP080-20 VARIABLE SPEED FURNACE				CK5A/CK5BX	060	0.98	0.97
CC5A/CD5AA	060	0.96	1.06	CK5PA	060	0.96	0.95
CD5PX	060	0.96	0.93	CK5PT	060	0.96	0.95
CE3AA	060	0.96	1.00	CK5PX	060	0.97	0.96
CK3BA	060	0.96	0.96	COILS + 58MVP120-20 VARIABLE SPEED FURNACE			
CK5A/CK5BA	048	0.96	1.00	CC5A/CD5AA	060	0.95	1.05
	060	0.96	0.96	CD5PX	060	0.96	0.93
CK5A/CK5BT	060	0.97	0.97	CE3AA	060	0.96	0.99
CK5A/CK5BX	060	0.96	0.96	CK3BA	060	0.96	0.96
CK5PA	060	0.97	0.97	CK5A/CK5BA	048	0.96	1.01
CK5PT	060	0.97	0.97		060	0.96	0.96
CK5PX	060	0.97	0.97	CK5A/CK5BT	060	0.96	0.96
COILS + 58MVP100-20 VARIABLE SPEED FURNACE				CK5A/CK5BX	060	0.96	0.95
CC5A/CD5AA	060	0.96	1.06	CK5PA	060	0.96	0.96
CD5PX	060	0.96	0.93	CK5PT	060	0.96	0.96
CE3AA	060	0.96	0.99	CK5PX	060	0.96	0.95

See notes on pg. 44.

Heat pump heating performance continued

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES °F																							
		-3			7			17			27			37			47			57			67		
EDB	CFM	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr
		Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†
38EYG060-30, 50 Outdoor Section With FX4(A,B)NB060 Indoor Section																									
65	1750	25.6	23.6	4.10	32.0	29.4	4.27	38.5	35.1	4.44	45.3	40.2	4.61	52.5	47.8	4.79	60.8	60.8	5.01	70.5	70.5	5.28	81.8	81.8	5.63
	2000	26.2	24.1	4.17	32.5	29.9	4.32	39.1	35.7	4.46	45.8	40.7	4.61	53.2	48.4	4.77	61.6	61.6	4.97	71.6	71.6	5.22	83.3	83.3	5.50
	2250	26.7	24.6	4.24	33.1	30.4	4.37	39.7	36.2	4.51	46.3	41.2	4.63	53.8	49.0	4.78	62.3	62.3	4.96	72.5	72.5	5.19	84.3	84.3	5.45
70	1750	24.6	22.6	4.27	31.1	28.6	4.47	37.8	34.5	4.65	44.8	39.8	4.85	51.9	47.3	5.04	60.0	60.0	5.26	69.5	69.5	5.55	80.5	80.5	5.90
	2000	25.2	23.2	4.34	31.7	29.2	4.52	38.4	35.0	4.68	45.4	40.3	4.84	52.6	47.9	5.01	60.8	60.8	5.21	70.6	70.6	5.47	82.0	82.0	5.79
	2250	25.7	23.7	4.42	32.3	29.7	4.58	39.0	35.5	4.72	45.9	40.7	4.87	53.2	48.4	5.02	61.5	61.5	5.20	71.4	71.4	5.44	83.2	83.2	5.73
75	1750	23.3	21.5	4.43	30.2	27.7	4.67	37.0	33.8	4.88	44.2	39.2	5.09	51.4	46.7	5.30	59.2	59.2	5.53	68.6	68.6	5.82	79.3	79.3	6.19
	2000	24.0	22.1	4.50	30.8	28.3	4.72	37.7	34.3	4.90	44.9	39.8	5.09	52.0	47.3	5.27	60.0	60.0	5.48	69.6	69.6	5.74	80.6	80.6	6.08
	2250	24.5	22.6	4.58	31.4	28.9	4.78	38.3	34.9	4.94	45.4	40.3	5.11	52.6	47.9	5.27	60.7	60.7	5.46	70.4	70.4	5.70	81.9	81.9	6.01

Multipliers for Determining the Performance With Other Indoor Sections.

Indoor Section	Size	Heating		Indoor Section	Size	Heating	
		Capacity	Power			Capacity	Power
CC5A/CD5AW	060	0.98	1.06	CK5A/CK5BT	060	0.98	0.99
CK5A/CK5BX	060	0.98	1.01	CK5A/CK5BX	060	0.98	0.97
CK5PX	060	0.98	1.01	CK5PA	060	0.98	0.99
FB4(A,B)NB	070	1.00	1.00	CK5PT	060	0.98	0.99
FC4(B,C)NB	070	1.00	1.00	CK5PX	060	0.98	0.97
FK4(C,D)NB	006	0.99	0.96	COILS + 58MVP080-20 VARIABLE SPEED FURNACE			
FV4(A,B)NB	006	0.99	0.96	CD5PX	060	1.00	1.02
FX4(A,B)NB	060	1.00	1.00	CK3BA	060	1.00	1.04
COILS + 58CV(A,X)110-22 VARIABLE SPEED FURNACE				CK5A/CK5BA	060	1.00	1.04
CD5PX	060	0.98	0.97	CK5A/CK5BT	060	1.00	1.04
CK3BA	060	0.98	0.99	CK5A/CK5BX	060	1.00	1.04
CK5A/CK5BA	060	0.98	0.99	CK5PA	060	1.00	1.04
CK5A/CK5BT	060	0.98	0.99	CK5PT	060	1.00	1.04
CK5A/CK5BX	060	0.98	0.97	CK5PX	060	1.00	1.04
CK5PA	060	0.98	0.99	COILS + 58MVP100-20 VARIABLE SPEED FURNACE			
CK5PT	060	0.98	0.99	CD5PX	060	1.00	1.01
CK5PX	060	0.98	0.97	CK3BA	060	1.00	1.04
COILS + 58CV(A,X)135-22 VARIABLE SPEED FURNACE				CK5A/CK5BA	060	1.00	1.04
CC5A/CD5AW	060	0.98	1.03	CK5A/CK5BT	060	1.00	1.04
CD5PX	060	0.98	0.97	CK5A/CK5BX	060	1.00	1.03
CK3BA	060	0.98	1.00	CK5PA	060	1.00	1.04
CK5A/CK5BA	060	0.98	1.00	CK5PT	060	1.00	1.04
CK5A/CK5BT	060	0.98	1.00	CK5PX	060	1.00	1.03
CK5A/CK5BX	060	0.98	0.98	COILS + 58MVP120-20 VARIABLE SPEED FURNACE			
CK5PA	060	0.98	1.00	CK3BA	060	1.00	1.04
CK5PT	060	0.98	1.00	CK5A/CK5BA	060	1.00	1.04
CK5PX	060	0.98	0.98	CK5A/CK5BT	060	1.00	1.04
COILS + 58CV(A,X)155-22 VARIABLE SPEED FURNACE				CK5A/CK5BX	060	1.00	1.02
CC5A/CD5AW	060	0.98	1.03	CK5PA	060	1.00	1.04
CD5PX	060	0.98	0.97	CK5PT	060	1.00	1.04
CK3BA	060	0.98	0.99	CK5PX	060	1.00	1.02
CK5A/CK5BA	060	0.98	0.99		—	—	—

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

System Design

1. Intended for outdoor installation with free air inlet and outlet. Outdoor fan external static pressure available is less than 0.01-in. wc.
2. Minimum outdoor operating air temperature for cooling mode without low-ambient operation accessories is 55°F (12.8°C). For Low Ambient applications see the Accessory Usage Guideline in this literature for accessory requirements.
3. Maximum outdoor operating air temperature for cooling mode is 125°F (51.7°C).
4. Minimum outdoor operating air temperature for heating mode is -30°F (-34.4°C).
5. Maximum outdoor operating air temperature for heating mode is 66°F (18.9°C).
6. For reliable operation unit should be level in all horizontal planes within 2 degrees (+/- 3/8 in./ft).
7. Maximum elevation of indoor coil above or below base of outdoor unit without additional consideration is 20 ft. For applications greater than 20 ft, consult the Application Guideline and Service Manual for Air Conditioners and Heat Pumps Using Puron® Refrigerant, Long Line Guideline section. For long line accessories see Accessory Usage Guideline in this literature.
8. For vapor line sizing and capacity losses for interconnecting refrigerant tubing lengths greater than 50 ft consult the Application Guideline and Service Manual for Air Conditioners and Heat Pumps Using Puron® Refrigerant. Only 3/8 in. liquid lines are approved for long line applications on Residential products.
9. If any refrigerant tubing is buried, provide a 6 in. vertical rise to the outdoor unit service valve connections. Refrigerant tubing lengths up to 36 in. may be buried without further consideration. To bury refrigerant lines longer than 36 in., consult your local distributor.
10. Use only copper wire for electric connections at unit. Aluminum and clad aluminum wiring are NOT acceptable for the type of connector provided.
11. Do not apply capillary tube indoor coils to these units.
12. Factory-supplied filter drier must be installed. Filter drier must be replaced whenever refrigerant system is opened to the atmosphere for servicing.
13. If factory-supplied TXV (Thermostatic Expansion Valve) or LLS (Liquid Line Solenoid) is provided, do not deviate or substitute them. If they are not provided from the factory and are required for the application, use only the approved TXV or LLS listed in the Accessories section of this literature.

Guide specifications

**Air-Cooled, Split-System
Heat Pump
38EYG
1-1/2 to 5 Tons Nominal**

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 will be leak tested at 217 psig and pressure tested at 450 psig.

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 will be all factory wiring, piping, controls, compressor, refrigerant charge (Puron®), and special features required prior to field start-up.

Unit Cabinet

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

Fans

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

Condenser fan motors will be totally enclosed, 1-phase type with class B insulation and permanently lubricated bearings.

Shafts will be corrosion resistant.

Fan blades will be statically and dynamically balanced.

Condenser fan openings will be equipped with steel wire safety guards.

Compressor

Compressor will be hermetically sealed.

Compressor will be mounted on rubber vibration isolators.

Condenser Coil

Condenser coil will be air cooled.

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

Refrigeration Components

Refrigeration circuit components will include liquid tube shutoff valve with sweat connections, suction tube shutoff valves with sweat connections, system charge of Puron® 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, ____ 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.

