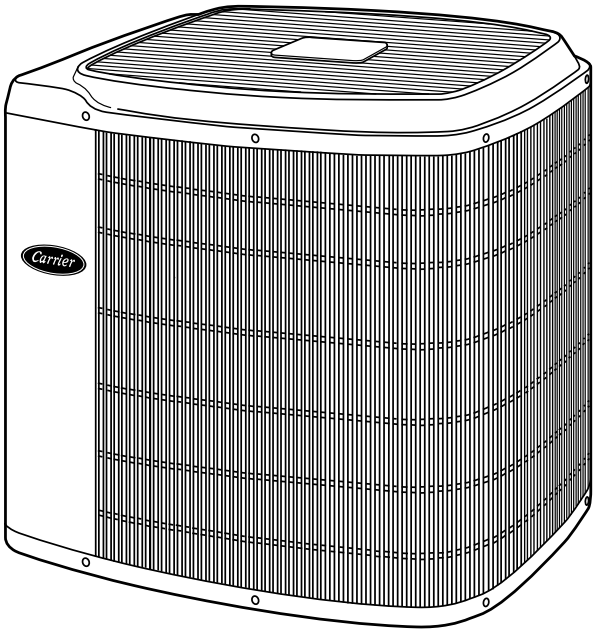
Carrier®
HEATING & COOLING

Product Data

Performance™ 13 38YXA (60 Hz) Heat Pump with Puron® Refrigerant

Sizes 024 thru 060



Performance SERIES

Carrier's technological leadership has risen to a new level with the development of the Performance™ Series 38YXA Heat Pump, the outdoor section of a superior split heat pump system. This leadership effort has yielded a product that appeals to consumers for all of its unique benefits.

Introducing Puron®, the environmentally sound refrigerant — The first unique feature of the 38YXA is the environmentally sound nature of Puron refrigerant, which provides the homeowner with additional peace of mind because their heating and cooling system's refrigerant has zero ozone-depletion potential.

Second, thanks to the performance advantage of Puron refrigerant, the 38YXA is extremely efficient. In fact, the 38YXA features some of the lowest energy usages of single speed heat pumps available from Carrier. Maximum performance and efficiency are made possible through the use of the FX4 and FV4 fan coils, custom made for Puron refrigerant applications.

Third, the cost of service will potentially be reduced in the future as the industry's older refrigerant, R-22 is gradually phased out through Federally legislated production limitations.

Carrier's Infinity® Controls — These industry-leading controls, when installed with Carrier's Ideal Humidity™ variable-speed furnaces or fan coils, provide the homeowner with:

–unparalleled control of temperature, humidity, indoor air quality, and zoning

–unprecedented ease of use

–simple operation through on-screen, text-based service reminders

Optional remote access through telephone or Internet is also available when combined with a remote connectivity kit.

FEATURES

Silencer System/Quiet Operation — The Silencer System features the Silencer™ top design, energy-efficient fan and motor, sound hood and discharge muffler. The Silencer Design top improves airflow patterns and requires less energy. The energy efficient fan and fan motor add to quiet operation while moving air more efficiently. The sound hood muffles noise from the operation. The discharge muffler minimizes low frequency sound and pressure pulsation generated by the compressor discharge gas.

Compressor — The 38YXA features the efficient Copeland Scroll compressor, specially designed for Puron applications, with its thicker shell, and ArrestII, an anti-reverse rotation device 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. The scroll compressor will start under most system loads, thus eliminating the need for start assisting components. 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 cooling performance tables.) The scroll compressor is covered with a standard 10-year limited warranty.

Accumulator/Reliable Operation — A properly sized accumulator which minimizes liquid refrigerant from reaching the compressor is standard on every unit.

Reliable Built-In Components — The 38YXA's principal feature of compressor protection is further enabled by a high pressure switch and a low pressure switch for loss of charge protection. Reliable operation is also optimized with a quiet and easy to service reversing valve. A high filtration and moisture removing filter drier specially designed for Puron is standard with every unit.

Defrost Control Board — This board incorporates a built-in 5-minute compressor time-delay relay, defrost relay, defrost timer, and low-voltage terminal board. The defrost control is a time/temperature initiation/ termination control which includes 4 field-selectable (DIP switch) time periods of 30, 60, 90, and 120 minutes. This control also includes a field-selectable (DIP Switch) Quiet Shift defrost mode which, if selected, maintains extremely quiet operation during defrost.

Thermostatic Expansion Valve (TXV) — This unit must be installed with a Puron TXV on the indoor coil. The FX4 and FV4 indoor fan coils and CK5P furnace coil come factory equipped with a bi-flow Puron TXV. When installed in this application, no further change is required. If any other 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™ III System includes three components:

— The casing steel is galvanized and 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.

—All screws on cabinet exterior are ceramic coated for a long-lasting, rust-resistant, quality appearance.

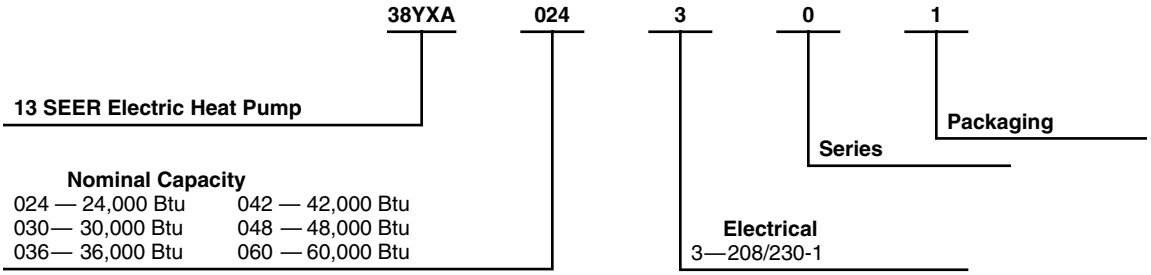
—The coil is protected by an enhanced WeatherArmor™ heavy duty inlet grille. With spacing of 3/8-in. and construction of coated wire, the guard helps protect from inclement weather, vandalism, and incidental damage. It provides protection while not restricting airflow and maintaining ease of coil inspection and cleaning.

Unit Design—All units are equipped with totally enclosed fan motors for greater reliability under rain and snow conditions. The large, wraparound coil uses copper tubing and enhanced sine wave aluminum fins 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. Rows of composite coils can be cleaned with a common garden hose.

External Service Valves—Both service valves are the brass, back seating type with sweat connections. Each valve has a service port for ease of checking operating refrigerant pressures. The suction service port provides for ease of checking operating pressure in the heating mode.

Limited Warranty—Standard 5-year limited warranty on all parts, and 10-year limited warranty on the compressor.

Model number nomenclature



Comfort HEAT PUMP SYSTEM	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, Comfort Zone II, or Infinity Control.

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

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

*Refer to the combination ratings in the Product Data Digest for system combinations that meet Energy Star® efficiency standards.

Physical data

UNIT SIZE-SERIES	024-32, 33	030-32, 33	036-32, 33	042-32, 33	048-32, 33, 34	060-32, 33
OPERATING WEIGHT (Lb)	201	194	203	208	253	282
COMPRESSOR						
Type	Scroll					
REFRIGERANT	Puron (R-410A)					
Control	TXV (Cooling)					
Charge (Lb) @ 15 Ft†	7.18	6.63	8.375	8.63	13.25	13.25
CONDENSER FAN	Propeller Type, Direct Drive					
Air Discharge	Vertical					
Air Quantity (CFM)	2400	2800	2800	2800	3300	3300
Motor HP	1/8	1/5	1/5	1/5	1/4	1/4
Motor RPM	825	825	825	825	1100	1100
CONDENSER COIL	Copper Tube, Aluminum Plate Fin					
Face Area (Sq Ft)	18.18	15.15	18.18	12.12	18.18	18.18
Fins per In.	25	25	25	20	20	20
Rows	1	1	1	2	2	2
Circuits	2	3	4	3	4	5
VALVE CONNECTION (In. ID)	Sweat					
Vapor	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, see Residential Split Systems Long-Line Application Guideline 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
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, 7/8
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 horizontal and/or 20 ft vertical differential, consult the Application Guideline and Service Manual for Residential Split-System 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	OUTDOOR PISTON	INDOOR TXV*	REQUIRED SUBCOOLING (°F)
024	46	KSATX0201PUR	11
030	52	KSATX0201PUR	9
036	57	KSATX0301PUR	14
042	59	KSATX0301PUR	11
048	63	KSATX0401PUR	10
060	73	KSATX0501PUR	12

* 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 — All Sizes
KAAFT0101AAA	Evaporator Freeze Thermostat — All Sizes
KHAIR0101AAA	Isolation Relay — All Sizes
HC38GE231 (RCD)	Ball-Bearing Fan Motor — Sizes 024–042
HC40GE232 (RCD)	Ball-Bearing Fan Motor — Sizes 048, 060
KSALA0401AAA*	MotorMaster®—Low-Ambient Controller — All Sizes
KSAHS1501AAA	Start Capacitor and Relay — Sizes 024–042
KSAHS1601AAA	Start Capacitor and Relay — Sizes 048, 060
KAACS0201PTC	Start Assist — PTC — All sizes
KAACH1201AAA	Crankcase Heater — Sizes 024–042
Standard	Crankcase Heater — Sizes 048, 060
KHAOT0301FST	Outdoor Thermostat — All Sizes
KHAOT0201SEC	Secondary Outdoor Thermostat — All Sizes
KHASA0101AAA†	Service Alarm — All Sizes
KSATX0201PUR‡	Bi-Flow TXV (Hard Shutoff) — Size 024, 030
KSATX0301PUR‡	Bi-Flow TXV (Hard Shutoff) — Sizes 036, 042
KSATX0401PUR‡	Bi-Flow TXV (Hard Shutoff) — Size 048
KSATX0501PUR‡	Bi-Flow TXV (Hard Shutoff) — Size 060
KHAPG0101PGS	Pressure Guard™ Kit — Sizes 024, 042 and 048
KHAPG0201PGS	Pressure Guard™ Kit — Sizes 030, 036 and 060
KH45LG140 (RCD)	Filter Drier— Suction Line — Sizes 024–036
KH45LG141 (RCD)	Filter Drier— Suction Line — Sizes 042–060
KHALS0401LLS	Liquid-Line Solenoid Valve — All Sizes
KSASF0101AAA	Support Feet — 4 in. — All Sizes
KHASS0206MPK	Snow Stand — All Sizes
KAACF0801MED	Coastal Filter — All Sizes

* Install using ball-bearing fan motor.
† For indicator light function, thermostat specified must be used and wired according to service alarm Installation Instructions.
‡ Must be applied on coils not equipped with Puron TXV.

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

* When applied with Carrier's IdealHumidity™ series 58MVP, 58CV(A,X) and FE Indoor Models.
† Must be installed in Dual-Fuel Infinity system applications.

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)
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
TSTATCCSHP01	Standard Programmable Thermostat—Manual Changeover, 5-2 Day Programmable, °F/°C, 1-Stage Heat/1-Stage Cool
TSTATCCBHP01*	Builder's Thermostat — Heat Pump, Non-Programmable, °F/°C, 2-Stage Heat/1-Stage Cool, Manual Changeover
TSTATXXSEN01-B**	Outdoor Air Temperature Sensor
TSTATXXNBP01†	Backplate for Non-Programmable Thermostat
TSTATXXPBP01†	Backplate for Programmable Thermostat and Thermidistat™ Control
TSTATXXBBP01†	Backplate for Builder's Thermostat
TSTATXXSBP01	Backplate for Standard Programmable Thermostat
TSTATXXCNV10‡	Thermostat Conversion Kit (4 to 5 Wire) — 10 Pack

See notes on pg. 5.

* 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

* For tubing line sets between 50 and 175 ft horizontal and/or 20 ft vertical differential, elevation difference between indoor and outdoor units, refer to the Application Guideline and Service Manual for Residential Split-System 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 MotorMaster®—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 single-phase reciprocating compressors in the following applications:
Long line
Low ambient cooling
Hard shut off expansion valve on indoor coil
Required for single-phase scroll compressors in the following applications:
Long line
Low ambient cooling
Suggested for all compressors in areas with a history of low voltage problems.

4. **Compressor Start Assist — PTC Type**
Solid state electrical device which gives a "soft" boost to the compressor at each start-up.
Usage Guideline:
Suggested in installations with marginal power supply.

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.

Accessory description and usage (Listed alphabetically) continued

9. **Low-Ambient Pressure Switch**
   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 MotorMaster®—Low-Ambient Controller must be used when cooling operation is used at outdoor temperatures below 55°F (12.8°C).
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°F ± 10°F (37.8°C ± –12°C).
    Usage Guideline:
    A MotorMaster®—Low-Ambient Controller or Low-Ambient Pressure Switch must be used when cooling operation is used at outdoor temperatures below 55°F (12.8°C).
    Suggested for all commercial applications
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. **Support Feet**
    Four stick-on plastic feet that raise the unit 4 in. above the mounting pad. This allows sand, dirt, and other debris to be flushed from the unit base, minimizing corrosion.
    Usage Guideline:
    Suggested in the following applications:
    Coastal installations.
    Windy areas or where debris is normally circulating.
    Rooftop installations.
    For improved sound ratings.
18. **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.
19. **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					
024-32, 33	208/230-1	253	187	61.0	15.1	0.8	19.7	14/14	39/37	30
030-32, 33				72.5	14.7	1.1	19.5	14/14	39/37	30
036-32, 33				83.0	19.3	1.1	25.2	12/12	50/48	35
042-32, 33				104.0	21.1	1.1	27.5	10/10	71/68	40
048-32, 33				109.0	20.5	1.4	27.0	10/10	74/70	40
048-34				117.0	21.8	1.4	28.6	10/10	69/66	40
060-32, 33				158.0	27.6	1.4	35.9	8/8	86/82	60

* 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.

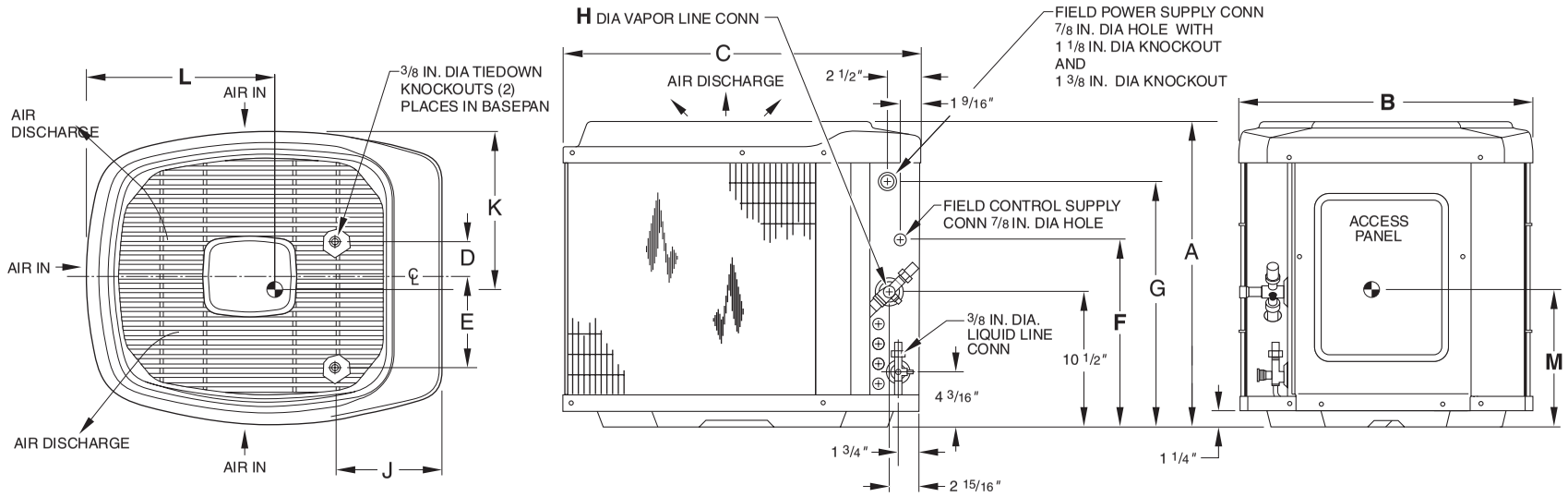
A-weighted sound power (dBA)

UNIT SIZE-SERIES	STANDARD RATING	TYPICAL OCTAVE BAND SPECTRUM (without tone adjustment)						
		125	250	500	1000	2000	4000	8000
24-32, 33	70	53.0	58.0	62.0	63.5	63.0	56.0	49.0
30-32, 33	72	54.0	62.0	64.0	65.0	63.5	60.0	53.0
36-32, 33	74	59.5	65.0	67.5	68.0	65.5	61.5	53.5
42-32, 33	73	58.0	64.5	67.5	67.0	65.0	60.5	52.5
48-32, 33, 34	76	60.0	67.5	69.5	68.5	65.0	63.0	55.0
60-32, 33	76	59.0	67.5	69.0	70.0	67.5	65.0	59.0

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

NOTES:

1. Allow 30 in. clearance to service side of unit, 48 in. above unit, 6 in. on one side, 12 in. on remaining side, and 24 in. between units for proper airflow.
2. Minimum outdoor operating ambient in cooling mode is 55°F (unless low ambient control is used) 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 ⊕.



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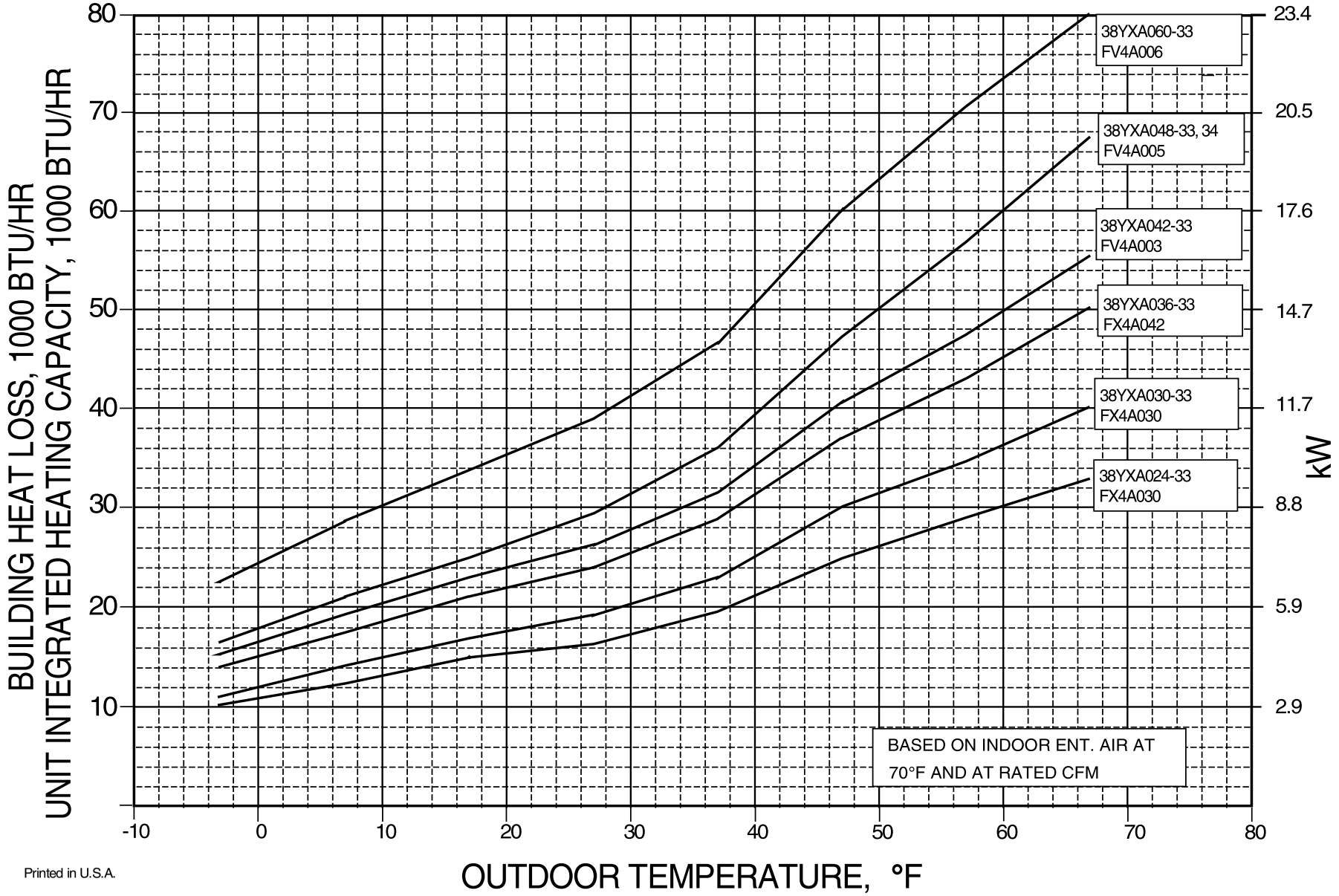
DIMENSIONS (IN.)

UNIT SIZE	SERIES	UNIT DIMENSIONS												MINIMUM MOUNTING PAD DIMENSIONS	
		A	B	C	D	E	F	G	H	J	K	L	M	Support Feet	Snow Stand
024	2, 3	39-13/16	30	34-15/16	4	9-3/4	27-1/2	33-7/8	5/8	8-3/16	15-7/8	14-3/8	14-1/4	26 x 32	31 x 35
030	2, 3	33-13/16	30	34-15/16	4	9-3/4	21-1/2	27-7/8	3/4	8-3/16	14	13-1/8	13-3/4	26 x 32	31 x 35
036	2, 3	39-13/16	30	34-15/16	4	9-3/4	27-1/2	33-7/8	3/4	8-3/16	15-7/8	14-3/8	14-1/4	26 x 32	31 x 35
042	2, 3	27-13/16	30	34-15/16	4	9-3/4	15-1/2	21-7/8	7/8	8-3/16	16-1/4	14	13-1/8	26 x 32	31 x 35
048	2, 3, 4	39-13/16	30	34-15/16	4	9-3/4	27-1/2	33-7/8	7/8	8-3/16	16-1/4	14-1/4	14-1/2	26 x 32	31 x 35
060	2, 3	39-13/16	30	34-15/16	4	9-3/4	27-1/2	33-7/8	7/8	8-3/16	16	13-3/4	13-3/4	26 x 32	31 x 35

38YXA BALANCE POINT WORKSHEET



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Combination ratings*

UNIT SIZE-SERIES	INDOOR UNIT	CFM††	ARI STANDARD RATINGS*											
			Cooling							Heating				
				Seasonal Efficiency SEER						High-Temp		Low-Temp		
					Factory-Supplied Enhance-ment		Field-Supplied Accessory‡							
			TC	Standard		Standard Rating	Puron TXV	Puron TXV & TDR**	EER	TC	COP	TC	COP	HSPF
024-32, 33	*FX4BNF030	25,000	TDR&TXV		13.00	—	—	—	11.10	25,000	3.30	16,600	2.38	8.0
	CC5A/CD5AA036	24,600	NONE	—	—	12.50	—	—	11.10	24,800	3.30	16,100	2.30	7.8
	CC5A/CD5AW030	23,800	NONE	—	—	12.00	—	—	10.80	24,600	3.10	15,900	2.22	7.5
	CC5A/CD5AW036	24,600	NONE	—	—	12.50	—	—	11.10	25,000	3.30	16,100	2.30	7.8
	CE3AA036	23,800	NONE		—	—	12.60	—	11.05	24,600	3.20	16,600	2.34	7.4
	CF5AA036	25,000	NONE		—	—	12.80	—	11.15	24,800	3.22	16,600	2.34	7.5
	CK3BA036	24,200	NONE		—	—	13.00	—	11.20	24,800	3.34	16,600	2.38	7.5
	CK5A/CK5BA036	24,200	NONE		—	—	13.00	—	11.20	24,800	3.34	16,600	2.38	7.5
	CK5A/CK5BT036	24,200	NONE		—	—	13.00	—	11.20	24,800	3.34	16,600	2.38	7.5
	CK5A/CK5BW036	24,200	NONE		—	—	13.00	—	11.20	24,800	3.34	16,600	2.38	7.5
	CK5PA036	24,200	TXV		—	—	—	13.00	11.20	24,800	3.34	16,600	2.38	7.5
	CK5PT036	24,200	TXV		—	—	—	13.00	11.20	24,800	3.34	16,600	2.38	7.5
	CK5PW036	24,200	TXV		—	—	—	13.00	11.20	24,800	3.34	16,600	2.38	7.5
	F(A,B)4BN(F,C)030	23,600	TDR		—	12.50	—	—	10.95	24,400	3.18	16,500	2.32	7.5
	FC4CNF030	24,000	TDR&TXV		—	12.50	—	—	10.95	24,400	3.18	16,500	2.32	7.5
	FE4ANF002	25,200	TDR&TXV		14.20	—	—	—	12.05	25,200	3.44	16,100	2.48	8.0
	FE4ANF003	25,200	TDR&TXV		14.50	—	—	—	12.35	25,000	3.44	15,900	2.48	8.0
	FK4DNF001	24,400	TDR&TXV		—	13.80	—	—	12.00	23,800	3.30	16,000	2.42	7.8
	FK4DNF002	25,200	TDR&TXV		—	14.00	—	—	12.35	25,000	3.58	16,100	2.54	8.0
	FK4DNF003	25,200	TDR&TXV		—	14.20	—	—	12.60	25,200	3.54	16,000	2.54	8.0
	FV4BNF002	25,200	TDR&TXV		14.20	—	—	—	12.05	25,200	3.44	16,100	2.48	8.0
	FV4BNF003	25,200	TDR&TXV		14.50	—	—	—	12.35	25,000	3.44	15,900	2.48	8.0
	COILS + 58CV(A,X)070-12 VARIABLE-SPEED FURNACE													
	CC5A/CD5AA030	24,000	TDR		—	13.50	—	—	11.85	23,200	3.12	15,000	2.30	7.5
	CC5A/CD5AA036	24,000	TDR		—	14.00	—	—	12.15	24,000	3.34	15,900	2.44	8.0
	CC5A/CD5AW030	24,000	TDR		—	13.50	—	—	11.85	23,200	3.12	15,000	2.30	7.5
	CK3BA030	24,000	TDR		—	13.50	—	—	11.90	23,400	3.28	15,200	2.36	7.8
	CK5A/CK5BW030	24,000	TDR		—	13.50	—	—	11.90	23,400	3.28	15,200	2.36	7.8
	CK5PA030	24,000	TDR&TXV		13.50	—	—	—	11.90	24,000	3.28	15,200	2.36	7.8
	CK5PA036	24,200	TDR&TXV		14.00	—	—	—	12.25	24,800	3.42	15,900	2.46	8.0
	CK5PT036	24,200	TDR&TXV		14.00	—	—	—	12.25	24,800	3.42	15,900	2.46	8.0
	CK5PW030	24,000	TDR&TXV		13.50	—	—	—	11.90	24,000	3.28	15,200	2.36	7.8
	COILS + 58MVP040-14 VARIABLE-SPEED FURNACE													
	CC5A/CD5AW036	24,200	TDR	—	14.00	—	—	—	12.10	24,000	3.30	15,200	2.36	7.8
	COILS + 58MVP060-14 VARIABLE-SPEED FURNACE													
	CC5A/CD5AA030	23,400	TDR	—	13.20	—	—	—	11.75	23,400	3.06	15,000	2.26	7.5
	CC5A/CD5AA036	24,200	TDR	—	14.00	—	—	—	12.10	24,000	3.28	15,200	2.36	7.8
	CC5A/CD5AW030	23,400	TDR	—	13.20	—	—	—	11.75	23,200	3.06	15,000	2.26	7.5
	CC5A/CD5AW036	24,200	TDR	—	14.00	—	—	—	12.15	24,000	3.30	15,200	2.36	7.8
	CK3BA036	24,600	TDR		—	14.00	—	—	12.00	24,400	3.46	16,200	2.48	8.0
	CK5A/CK5BA036	24,600	TDR		—	14.00	—	—	12.00	24,400	3.46	16,200	2.48	8.0
	CK5A/CK5BT036	24,600	TDR		—	14.00	—	—	12.00	24,400	3.46	16,200	2.48	8.0
	CK5PA036	24,600	TDR&TXV		14.00	—	—	—	12.00	24,400	3.46	16,200	2.48	8.0
	CK5PT036	24,600	TDR&TXV		14.00	—	—	—	12.00	24,400	3.46	16,200	2.48	8.0
	COILS + 58MVP080-14 VARIABLE-SPEED FURNACE													
	CC5A/CD5AA036	24,200	TDR	—	14.00	—	—	—	12.10	24,000	3.30	15,200	2.36	7.8
	CC5A/CD5AW030	23,600	TDR	—	13.10	—	—	—	11.75	23,200	3.08	15,100	2.26	7.5
	CC5A/CD5AW036	24,200	TDR	—	14.00	—	—	—	12.10	24,000	3.30	15,200	2.36	7.8
	CK5A/CK5BW036	24,600	TDR		—	14.00	—	—	12.25	24,200	3.50	16,200	2.50	8.0
	CK5PW036	24,600	TDR&TXV		14.00	—	—	—	12.25	24,200	3.50	16,200	2.50	8.0
	COILS + 58MVP080-20 VARIABLE-SPEED FURNACE													
	CC5A/CD5AA036	24,400	TDR	—	14.00	—	—	—	12.15	24,000	3.32	15,200	2.36	7.8
	CC5A/CD5AW030	23,600	TDR	—	13.20	—	—	—	11.75	23,200	3.08	15,000	2.26	7.5
	CC5A/CD5AW036	24,200	TDR	—	14.00	—	—	—	12.15	24,000	3.30	15,200	2.36	7.8
	COILS + 58MVP100-20 VARIABLE-SPEED FURNACE													
	CC5A/CD5AA036	24,200	TDR	—	14.00	—	—	—	12.10	24,000	3.30	15,200	2.36	7.8
	CC5A/CD5AW030	23,600	TDR	—	13.20	—	—	—	11.80	23,200	3.08	15,000	2.28	7.5
	CC5A/CD5AW036	24,400	TDR	—	14.00	—	—	—	12.15	24,000	3.32	15,200	2.36	7.8
	CK5A/CK5BW036	25,000	TDR		—	14.00	—	—	12.10	24,800	3.58	16,500	2.54	8.0
	CK5PW036	25,000	TDR&TXV		14.00	—	—	—	12.10	24,800	3.58	16,500	2.54	8.0
	COILS + 58MVP120-20 VARIABLE-SPEED FURNACE													
	CC5A/CD5AW036	24,200	TDR	—	14.00	—	—	—	12.10	24,000	3.28	15,200	2.36	7.8
030-32, 33	*FX4BNF030	29,000	TDR&TXV		13.00	—	—	—	11.15	30,000	3.56	18,500	2.38	8.0
	CE3AA036	28,600	NONE		—	—	12.70	—	11.15	29,200	3.44	18,500	2.36	7.5
	CF5AA036	28,600	NONE		—	—	12.50	—	10.75	29,400	3.52	18,500	2.36	7.7
	CK3BA036	28,800	NONE		—	—	12.70	—	11.30	29,400	3.56	18,500	2.40	7.7
	CK5A/CK5BW036	28,800	NONE		—	—	12.70	—	11.30	29,400	3.56	18,500	2.40	7.7
	CK5PW036	28,800	TXV		—	—	—	12.70	11.30	29,400	3.56	18,500	2.40	7.7
	F(A,B)4BN(F,C)030	28,000	TDR		—	12.50	—	—	11.00	29,400	3.42	18,400	2.34	7.4
	F(A,B)4BN(F,C)036	28,400	TDR		—	12.20	—	—	10.75	29,800	3.42	18,700	2.32	7.4
	FC4CNF030	28,000	TDR&TXV		—	12.50	—	—	11.00	29,400	3.42	18,400	2.34	7.4
	FC4CNF036	28,400	TDR&TXV		—	12.20	—	—	10.75	29,800	3.42	18,700	2.32	7.4
	FE4ANF002	29,200	TDR&TXV		14.00	—	—	—	12.15	29,000	3.68	17,900	2.48	8.1

See notes on pg. 17.

Combination ratings* continued

UNIT SIZE-SERIES	INDOOR UNIT	CFM††	ARI STANDARD RATINGS*											
			Cooling							Heating				
				Seasonal Efficiency SEER						High-Temp		Low-Temp		
					Factory-Supplied Enhance-ment		Field-Supplied Accessory‡							
			TC	Standard		Standard Rating	Puron TXV	Puron TXV & TDR**	EER	TC	COP	TC	COP	HSPF
	FE4ANF003	29,400	TDR&TXV		14.50	—	—	—	12.55	28,600	3.70	17,700	2.52	8.1
	FK4DNF001	28,600	TDR&TXV		—	13.70	—	—	12.10	28,600	3.54	17,800	2.44	7.8
	FK4DNF002	28,800	TDR&TXV		—	13.70	—	—	12.15	29,000	3.68	17,900	2.48	8.0
	FK4DNF003	29,000	TDR&TXV		—	14.20	—	—	12.55	28,600	3.68	17,700	2.50	8.0
	FV4BNF002	29,200	TDR&TXV		14.00	—	—	—	12.15	29,000	3.68	17,900	2.48	8.1
	FV4BNF003	29,400	TDR&TXV		14.50	—	—	—	12.55	28,600	3.70	17,700	2.52	8.1
	FX4BNF036	29,000	TDR&TXV		12.30	—	—	—	10.85	30,000	3.52	18,800	2.36	8.0
	COILS + 58CV(A,X)070-12 VARIABLE-SPEED FURNACE													
	CC5A/CD5AA036	28,600	TDR		—	14.00	—	—	12.20	28,600	3.52	17,600	2.44	7.8
	CK3BA036	28,800	TDR		—	14.00	—	—	12.25	29,000	3.62	17,800	2.48	8.0
	CK5A/CK5BA036	28,800	TDR		—	14.00	—	—	12.25	29,000	3.62	17,800	2.48	8.0
	CK5A/CK5BT036	28,600	TDR		—	14.00	—	—	12.25	29,000	3.62	17,800	2.48	8.0
	CK5PA036	28,800	TDR&TXV		14.00	—	—	—	12.25	29,000	3.62	17,800	2.48	8.0
	CK5PT036	28,800	TDR&TXV		14.00	—	—	—	12.25	29,000	3.62	17,800	2.48	8.0
	COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE													
	CC5A/CD5AA036	28,600	TDR		—	14.00	—	—	12.40	28,600	3.56	17,500	2.46	7.8
	CC5A/CD5AW036	28,600	TDR		—	14.00	—	—	12.40	28,600	3.56	17,600	2.46	7.8
	CK3BA036	28,800	TDR		—	14.20	—	—	12.45	29,000	3.64	17,700	2.50	8.0
	CK5A/CK5BA036	28,800	TDR		—	14.20	—	—	12.45	29,000	3.64	17,700	2.50	8.0
	CK5A/CK5BW036	28,800	TDR		—	14.20	—	—	12.45	29,000	3.64	17,700	2.50	8.0
	CK5PA036	28,800	TDR&TXV		14.20	—	—	—	12.45	29,000	3.64	17,700	2.50	8.0
	CK5PT036	28,800	TDR&TXV		14.20	—	—	—	12.45	29,000	3.64	17,700	2.50	8.0
	CK5PW036	28,800	TDR&TXV		14.20	—	—	—	12.45	29,000	3.64	17,700	2.50	8.0
	COILS + 58MVP040-14 VARIABLE-SPEED FURNACE													
	CC5A/CD5AW036	28,600	TDR	—	14.00	—	—	—	12.20	28,800	3.46	17,600	2.42	7.8
030-32, 33	**COILS + 58MVP060-14 VARIABLE-SPEED FURNACE**													
	CC5A/CD5AA036	28,400	TDR	—	14.00	—	—	—	12.20	28,600	3.48	17,500	2.42	7.8
	CC5A/CD5AW036	28,400	TDR	—	14.00	—	—	—	12.25	28,600	3.46	17,200	2.40	7.8
	CK3BA036	29,000	TDR		—	13.50	—	—	11.95	29,000	3.66	18,100	2.48	8.0
	CK5A/CK5BA036	29,000	TDR		—	13.50	—	—	11.95	29,000	3.66	18,100	2.48	8.0
	CK5A/CK5BT036	29,000	TDR		—	13.50	—	—	11.95	29,000	3.66	18,100	2.48	8.0
	CK5PA036	29,000	TDR&TXV		13.50	—	—	—	11.95	29,000	3.66	18,100	2.48	8.0
	CK5PT036	29,000	TDR&TXV		13.50	—	—	—	11.95	29,000	3.66	18,100	2.48	8.0
	COILS + 58MVP080-14 VARIABLE-SPEED FURNACE													
	CC5A/CD5AA036	28,600	TDR	—	14.00	—	—	—	12.20	28,800	3.48	17,300	2.38	7.8
	CC5A/CD5AW036	28,600	TDR	—	14.00	—	—	—	12.25	28,800	3.48	17,300	2.40	7.8
	CK5A/CK5BW036	29,000	TDR		—	13.70	—	—	12.10	29,000	3.68	18,100	2.48	8.0
	CK5PW036	29,000	TDR&TXV		13.70	—	—	—	12.10	29,000	3.68	18,100	2.48	8.0
	COILS + 58MVP080-20 VARIABLE-SPEED FURNACE													
	CC5A/CD5AA036	28,600	TDR	—	14.00	—	—	—	12.20	28,800	3.48	17,200	2.38	7.8
	CC5A/CD5AW036	28,400	TDR	—	14.00	—	—	—	12.25	28,600	3.48	17,200	2.40	7.8
	CK5A/CK5BW036	29,000	TDR		—	13.50	—	—	11.95	29,000	3.66	18,100	2.46	8.0
	CK5PW036	29,000	TDR&TXV		13.50	—	—	—	11.95	29,000	3.66	18,100	2.46	8.0
	COILS + 58MVP100-20 VARIABLE-SPEED FURNACE													
	CC5A/CD5AA036	28,600	TDR	—	14.00	—	—	—	12.30	28,600	3.48	17,200	2.40	7.8
	CC5A/CD5AW036	28,600	TDR	—	14.00	—	—	—	12.30	28,600	3.50	17,200	2.40	7.8
	CK5A/CK5BW036	29,200	TDR		—	14.00	—	—	12.35	28,800	3.74	17,900	2.52	8.0
	CK5PW036	29,200	TDR&TXV		14.00	—	—	—	12.35	28,800	3.74	17,900	2.52	8.0
	COILS + 58MVP120-20 VARIABLE-SPEED FURNACE													
	CC5A/CD5AW036	28,400	TDR	—	14.00	—	—	—	12.30	28,600	3.48	17,100	2.40	7.8
	*FX4BNF042	34,400	TDR&TXV		13.00	—	—	—	10.75	36,800	3.58	23,400	2.56	8.5
	CC5A/CD5AA042	34,000	NONE		—	12.30	—	—	10.40	36,600	3.40	23,400	2.48	8.0
	CC5A/CD5AC048	33,400	NONE	—	—	12.50	—	—	10.40	36,200	3.30	22,800	2.42	8.0
	CC5A/CD5AW042	34,000	NONE		—	12.50	—	—	10.60	36,400	3.40	23,200	2.50	8.1
	CC5A/CD5AW048	33,800	NONE	—	12.50	—	—	—	10.50	36,000	3.48	23,400	2.50	8.5
	CD5AA048	34,000	NONE		—	12.50	—	—	10.50	36,600	3.46	23,400	2.50	8.2
	CE3AA042	34,000	NONE		—	12.50	—	—	10.70	36,600	3.50	23,400	2.54	8.3
	CE3AA048	34,400	NONE		—	13.00	—	—	10.90	36,600	3.56	23,200	2.56	8.4
	CF5AA048	34,400	NONE		—	13.00	—	—	10.85	36,000	3.48	23,200	2.54	8.3
	CK3BA042	33,800	NONE		—	12.50	—	—	10.60	34,200	3.26	21,600	2.28	7.4
	CK3BA048	34,000	NONE		—	13.00	—	—	10.70	36,800	3.56	23,400	2.56	8.4
036-32, 33	CK5A/CK5BA042	34,000	NONE		—	12.50	—	—	10.65	36,600	3.50	23,400	2.54	8.3
	CK5A/CK5BA048	34,000	NONE		—	13.00	—	—	10.70	36,800	3.56	23,400	2.56	8.4
	CK5A/CK5BE042	33,200	NONE		—	12.30	—	—	10.70	34,000	3.16	21,600	2.30	7.3
	CK5A/CK5BT042	34,000	NONE		—	12.30	—	—	10.65	36,600	3.50	23,400	2.54	8.3
	CK5A/CK5BT048	34,000	NONE		—	12.50	—	—	10.70	36,800	3.56	23,400	2.56	8.4
	CK5A/CK5BW048	34,000	NONE		—	13.00	—	—	10.70	36,800	3.56	23,400	2.56	8.4
	CK5PA042	34,000	TXV		—	—	—	12.50	10.65	36,600	3.50	23,400	2.54	8.3
	CK5PA048	34,000	TXV		—	—	—	13.00	10.70	36,800	3.56	23,400	2.56	8.4
	CK5PE042	33,200	TXV		—	—	—	12.30	10.70	34,000	3.16	21,600	2.30	7.3
	CK5PT042	34,000	TXV		—	—	—	12.30	10.65	36,600	3.50	23,400	2.54	8.3
	CK5PT048	34,000	TXV		—	—	—	12.50	10.70	36,800	3.56	23,400	2.56	8.4
	CK5PW048	34,000	TXV		—	—	—	13.00	10.70	36,800	3.56	23,400	2.56	8.4

See notes on pg. 17.

Combination ratings* continued

UNIT SIZE-SERIES	INDOOR UNIT	CFM††	ARI STANDARD RATINGS*											
			Cooling							Heating				
					Seasonal Efficiency SEER					High-Temp		Low-Temp		
							Field-Supplied Accessory‡							
			TC	Standard	Factory-Supplied Enhance-ment	Standard Rating	Puron TXV	Puron TXV & TDR**	EER	TC	COP	TC	COP	HSPF
	F(A,B)4BN(F,B,C)042	34,000	TDR		—	—	12.50	—	10.50	36,800	3.46	23,400	2.50	8.2
	FC4CN(F,B)042	34,000	TDR&TXV		—	—	12.50	—	10.50	36,800	3.46	23,400	2.50	8.2
	FE4ANF002	33,800	TDR&TXV		13.00	—	—	—	11.30	33,600	3.32	20,800	2.34	7.6
	FE4ANF003	34,000	TDR&TXV		14.00	—	—	—	11.75	35,200	3.54	22,200	2.62	8.5
	FE4ANF005	35,000	TDR&TXV		14.50	—	—	—	12.25	35,000	3.82	22,400	2.74	9.0
	FK4DNF003	34,000	TDR&TXV		—	—	14.00	—	11.75	35,200	3.54	22,200	2.62	8.5
	FK4DNF005	35,000	TDR&TXV		—	—	14.50	—	12.25	35,000	3.82	22,400	2.74	9.0
	FV4BNF002	33,800	TDR&TXV		13.00	—	—	—	11.30	33,600	3.32	20,800	2.34	7.6
	FV4BNF003	34,000	TDR&TXV		14.00	—	—	—	11.75	35,200	3.54	22,200	2.62	8.5
	FV4BNF005	35,000	TDR&TXV		14.50	—	—	—	12.25	35,000	3.82	22,400	2.74	9.0
	COILS + 58CV(A,X)070-12 VARIABLE-SPEED FURNACE													
	CK5A/CK5BE042	34,400	TDR		—	—	13.50	—	11.25	36,200	3.64	22,800	2.62	8.5
	CK5PE042	34,400	TDR&TXV		13.50	—	—	—	11.25	36,200	3.64	22,800	2.62	8.5
	COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE													
	CE3AA048	34,400	TDR		—	—	13.80	—	11.45	36,000	3.62	22,200	2.60	8.5
	CK3BA042	34,400	TDR		—	—	13.50	—	11.40	36,000	3.62	22,200	2.60	8.5
	CK3BA048	34,600	TDR		—	—	14.00	—	11.50	36,000	3.70	22,600	2.66	8.8
	CK5A/CK5BA042	34,400	TDR		—	—	13.50	—	11.40	36,000	3.62	22,200	2.60	8.5
	CK5A/CK5BA048	34,600	TDR		—	—	14.00	—	11.50	36,000	3.68	22,600	2.66	8.8
	CK5A/CK5BE042	34,400	TDR		—	—	13.50	—	11.45	36,200	3.68	22,800	2.66	8.7
	CK5A/CK5BT042	34,400	TDR		—	—	13.50	—	11.40	36,000	3.62	22,600	2.64	8.5
	CK5A/CK5BT048	34,600	TDR		—	—	14.00	—	11.50	36,000	3.70	22,600	2.66	8.8
	CK5PA042	34,400	TDR&TXV		13.50	—	—	—	11.40	36,000	3.62	22,200	2.60	8.5
	CK5PA048	34,600	TDR&TXV		14.00	—	—	—	11.50	36,000	3.70	22,600	2.66	8.8
	CK5PE042	34,600	TDR&TXV		13.50	—	—	—	11.45	36,000	3.68	22,200	2.62	8.5
	CK5PT042	34,400	TDR&TXV		13.50	—	—	—	11.40	36,000	3.62	22,200	2.60	8.5
	CK5PT048	34,600	TDR&TXV		14.00	—	—	—	11.50	36,000	3.70	22,600	2.66	8.8
	COILS + 58CV(A,X)110-22 VARIABLE-SPEED FURNACE													
	CD5AA048	34,600	TDR		—	—	14.00	—	11.60	35,200	3.64	22,400	2.64	8.5
	CE3AA048	34,400	TDR		—	—	13.80	—	11.55	36,000	3.64	22,200	2.60	8.5
	CK3BA042	34,600	TDR		—	—	14.00	—	11.50	35,800	3.64	22,200	2.60	8.5
	CK3BA048	34,600	TDR		—	—	14.00	—	11.60	36,000	3.72	22,600	2.68	8.8
	CK5A/CK5BA042	34,400	TDR		—	—	14.00	—	11.50	35,800	3.64	22,200	2.60	8.5
	CK5A/CK5BA048	34,600	TDR		—	—	14.00	—	11.60	36,000	3.72	22,600	2.68	8.8
	CK5A/CK5BT042	34,600	TDR		—	—	14.00	—	11.50	35,800	3.64	22,200	2.60	8.5
	CK5A/CK5BT048	34,600	TDR		—	—	14.00	—	11.60	36,000	3.72	22,600	2.68	8.8
036-32, 33	CK5A/CK5BW048	34,600	TDR		—	—	14.00	—	11.60	36,000	3.72	22,200	2.64	8.8
	CK5PA042	34,600	TDR&TXV		14.00	—	—	—	11.50	35,800	3.64	22,200	2.60	8.5
	CK5PA048	34,600	TDR&TXV		14.00	—	—	—	11.60	36,000	3.70	22,600	2.68	8.8
	CK5PT042	34,600	TDR&TXV		14.00	—	—	—	11.50	35,800	3.64	22,200	2.60	8.5
	CK5PT048	34,600	TDR&TXV		14.00	—	—	—	11.60	36,000	3.72	22,200	2.64	8.8
	CK5PW048	34,600	TDR&TXV		14.00	—	—	—	11.60	36,000	3.72	22,600	2.68	8.8
	COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE													
	CC5A/CD5AW048	34,400	TDR		—	—	14.00	—	11.60	35,200	3.64	22,400	2.62	8.5
	CD5AA048	34,400	TDR		—	—	14.00	—	11.60	35,200	3.64	22,400	2.64	8.5
	CE3AA048	34,400	TDR		—	—	13.80	—	11.50	36,000	3.64	22,200	2.60	8.8
	CK3BA042	34,400	TDR		—	—	13.50	—	11.45	35,800	3.64	22,200	2.60	8.5
	CK3BA048	34,600	TDR		—	—	14.00	—	11.55	36,000	3.70	22,600	2.68	8.8
	CK5A/CK5BA042	34,600	TDR		—	—	13.50	—	11.45	36,000	3.64	22,200	2.60	8.5
	CK5A/CK5BA048	34,600	TDR		—	—	14.00	—	11.55	36,000	3.70	22,600	2.68	8.8
	CK5A/CK5BT042	34,400	TDR		—	—	13.50	—	11.45	35,800	3.64	22,200	2.60	8.5
	CK5A/CK5BT048	34,600	TDR		—	—	14.00	—	11.55	36,000	3.70	22,600	2.68	8.8
	CK5A/CK5BW048	34,600	TDR		—	—	14.00	—	11.55	36,000	3.70	22,600	2.68	8.8
	CK5PA042	34,400	TDR&TXV		13.50	—	—	—	11.45	35,800	3.64	22,200	2.60	8.5
	CK5PA048	34,600	TDR&TXV		14.00	—	—	—	11.55	36,000	3.70	22,200	2.64	8.8
	CK5PT042	34,400	TDR&TXV		13.50	—	—	—	11.45	36,000	3.64	22,200	2.60	8.5
	CK5PT048	34,600	TDR&TXV		14.00	—	—	—	11.55	36,000	3.70	22,600	2.68	8.8
	CK5PW048	34,600	TDR&TXV		14.00	—	—	—	11.55	36,000	3.70	22,200	2.64	8.8
	COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE													
	CC5A/CD5AW042	34,200	TDR		—	—	13.80	—	11.50	35,400	3.50	22,400	2.60	8.5
	CC5A/CD5AW048	34,600	TDR		—	—	14.00	—	11.65	35,200	3.64	22,400	2.64	8.5
	CD5AA048	34,600	TDR		—	—	14.00	—	11.65	35,000	3.64	22,400	2.64	8.5
	CE3AA048	34,400	TDR		—	—	14.00	—	11.60	35,800	3.64	22,200	2.62	8.5
	CK3BA042	34,400	TDR		—	—	14.00	—	11.50	35,800	3.64	22,200	2.62	8.5
	CK3BA048	34,600	TDR		—	—	14.00	—	11.70	36,000	3.72	22,200	2.64	8.8
	CK5A/CK5BA042	34,400	TDR		—	—	14.00	—	11.50	35,800	3.64	22,000	2.62	8.5
	CK5A/CK5BA048	34,600	TDR		—	—	14.00	—	11.70	36,000	3.72	22,600	2.68	8.8
	CK5A/CK5BT042	34,400	TDR		—	—	14.00	—	11.50	35,800	3.64	22,200	2.62	8.5
	CK5A/CK5BT048	34,600	TDR		—	—	14.00	—	11.70	36,000	3.72	22,200	2.64	8.8
	CK5A/CK5BW048	34,600	TDR		—	—	14.00	—	11.70	36,000	3.72	22,600	2.68	8.8
	CK5PA042	34,400	TDR&TXV		14.00	—	—	—	11.50	35,800	3.64	22,200	2.62	8.5
	CK5PA048	34,600	TDR&TXV		14.00	—	—	—	11.70	36,000	3.72	22,600	2.68	9.0
	CK5PT042	34,400	TDR&TXV		14.00	—	—	—	11.50	35,800	3.66	22,000	2.62	8.5
	CK5PT048	34,600	TDR&TXV		14.00	—	—	—	11.70	36,000	3.72	22,600	2.68	9.0
	CK5PW048	34,600	TDR&TXV		14.00	—	—	—	11.70	36,000	3.72	22,600	2.68	9.0

See notes on pg. 17.

Combination ratings* continued

UNIT SIZE-SERIES	INDOOR UNIT	CFM††	ARI STANDARD RATINGS*											
			Cooling							Heating				
				Seasonal Efficiency SEER						High-Temp		Low-Temp		
					Factory-Supplied Enhance-ment		Field-Supplied Accessory‡							
			TC	Standard		Standard Rating	Puron TXV	Puron TXV & TDR**	EER	TC	COP	TC	COP	HSPF
	COILS + 58MVP040-14 VARIABLE-SPEED FURNACE													
	CC5A/CD5AA042	33,600	TDR	—	13.00	—	—	—	11.10	35,600	3.42	22,600	2.54	8.2
	CC5A/CD5AC048	33,400	TDR	—	13.00	—	—	—	11.00	35,200	3.30	22,400	2.50	8.0
	CC5A/CD5AW042	33,200	TDR	—	13.00	—	—	—	11.00	35,200	3.34	22,400	2.50	8.0
	CC5A/CD5AW048	34,000	TDR	—	13.50	—	—	—	11.20	36,000	3.52	22,600	2.56	8.5
	CD5AA048	33,800	TDR	—	13.50	—	—	—	11.15	35,400	3.52	22,600	2.56	8.5
	CK5A/CK5BA042	34,000	TDR		—	—	14.00	—	11.70	35,800	3.48	22,600	2.60	8.3
	CK5A/CK5BT042	34,400	TDR		—	—	13.00	—	11.15	34,000	3.38	21,200	2.36	7.6
	CK5A/CK5BW048	34,600	TDR		—	—	13.20	—	11.30	34,200	3.46	21,200	2.40	7.8
	CK5PA042	34,000	TDR&TXV		14.00	—	—	—	11.70	35,800	3.48	22,600	2.60	8.3
	CK5PT042	34,400	TDR&TXV		13.00	—	—	—	11.15	34,000	3.38	21,200	2.36	7.6
	CK5PW048	34,600	TDR&TXV		13.20	—	—	—	11.30	34,200	3.46	21,200	2.40	7.8
	COILS + 58MVP060-14 VARIABLE-SPEED FURNACE													
	CC5A/CD5AA042	33,800	TDR	—	13.50	—	—	—	11.25	35,600	3.44	22,400	2.56	8.2
	CC5A/CD5AC048	33,400	TDR	—	13.50	—	—	—	11.15	35,200	3.34	22,400	2.52	8.0
	CD5AA048	34,000	TDR	—	13.50	—	—	—	11.35	35,200	3.54	22,600	2.58	8.5
	CK3BA042	34,400	TDR		—	—	13.00	—	11.15	34,000	3.38	21,200	2.36	7.5
	CK5A/CK5BE042	33,800	TDR		—	—	12.25	—	11.20	33,600	3.42	21,000	2.38	7.5
	CK5PE042	33,800	TDR&TXV		12.25	—	—	—	11.20	33,600	3.42	21,000	2.38	7.5
	COILS + 58MVP080-14 VARIABLE-SPEED FURNACE													
	CC5A/CD5AA042	33,600	TDR	—	13.00	—	—	—	11.05	35,600	3.42	22,600	2.52	8.2
	CC5A/CD5AC048	33,000	TDR	—	13.00	—	—	—	11.00	35,200	3.30	22,400	2.48	8.0
	CC5A/CD5AW042	33,200	TDR	—	13.00	—	—	—	10.95	35,200	3.32	22,400	2.48	8.0
	CC5A/CD5AW048	33,800	TDR	—	13.50	—	—	—	11.15	36,000	3.50	22,600	2.56	8.5
	CD5AA048	33,800	TDR	—	13.50	—	—	—	11.15	35,400	3.50	22,600	2.56	8.5
	CK3BA042	34,400	TDR		—	—	13.20	—	11.30	34,000	3.42	21,200	2.38	7.5
	CK3BA048	34,800	TDR		—	—	13.50	—	11.50	34,000	3.52	21,200	2.42	7.8
	CK5A/CK5BA042	34,200	TDR		—	—	13.50	—	11.50	36,600	3.56	23,000	2.62	8.4
	CK5A/CK5BA048	34,000	TDR		—	—	14.00	—	11.85	36,000	3.54	22,600	2.64	8.5
	CK5A/CK5BT042	34,400	TDR		—	—	13.20	—	11.30	34,000	3.42	21,200	2.38	7.7
	CK5A/CK5BT048	34,800	TDR		—	—	13.50	—	11.50	34,000	3.52	21,200	2.42	7.8
	CK5PA042	34,200	TDR&TXV		13.50	—	—	—	11.50	36,600	3.56	23,000	2.62	8.4
	CK5PA048	34,000	TDR&TXV		14.00	—	—	—	11.85	36,000	3.54	22,600	2.64	8.5
	CK5PT042	34,400	TDR&TXV		13.20	—	—	—	11.30	34,000	3.42	21,200	2.38	7.7
	CK5PT048	34,800	TDR&TXV		13.50	—	—	—	11.50	34,000	3.52	21,200	2.42	7.8
036-32, 33	**COILS + 58MVP080-20 VARIABLE-SPEED FURNACE**													
	CC5A/CD5AA042	33,800	TDR	—	13.50	—	—	—	11.20	35,600	3.44	22,600	2.54	8.2
	CC5A/CD5AC048	33,400	TDR	—	13.50	—	—	—	11.10	35,200	3.34	22,400	2.50	8.0
	CC5A/CD5AW042	33,200	TDR	—	13.00	—	—	—	11.10	35,200	3.36	22,400	2.50	8.0
	CC5A/CD5AW048	33,800	TDR	—	13.50	—	—	—	11.25	36,000	3.54	22,600	2.58	8.5
	CD5AA048	34,000	TDR	—	13.50	—	—	—	11.25	35,400	3.54	22,600	2.58	8.5
	CK3BA042	34,200	TDR		—	—	13.00	—	11.15	34,000	3.38	21,200	2.36	7.5
	CK3BA048	34,400	TDR		—	—	13.00	—	11.15	34,200	3.44	21,400	2.38	7.7
	CK5A/CK5BA042	34,200	TDR		—	—	13.50	—	11.35	36,800	3.54	23,200	2.60	8.4
	CK5A/CK5BA048	34,200	TDR		—	—	13.50	—	11.35	37,000	3.60	23,200	2.62	8.5
	CK5A/CK5BT042	34,200	TDR		—	—	13.00	—	11.15	34,000	3.38	21,200	2.36	7.6
	CK5A/CK5BT048	34,400	TDR		—	—	13.00	—	11.15	34,200	3.44	21,400	2.38	7.7
	CK5PA042	34,200	TDR&TXV		13.50	—	—	—	11.35	36,800	3.54	23,200	2.60	8.4
	CK5PA048	34,200	TDR&TXV		13.50	—	—	—	11.35	37,000	3.60	23,200	2.62	8.5
	CK5PT042	34,200	TDR&TXV		13.00	—	—	—	11.15	34,000	3.38	21,200	2.36	7.6
	CK5PT048	34,400	TDR&TXV		13.00	—	—	—	11.15	34,200	3.44	21,400	2.38	7.7
	COILS + 58MVP100-20 VARIABLE-SPEED FURNACE													
	CC5A/CD5AA042	33,800	TDR	—	13.50	—	—	—	11.25	35,600	3.46	22,400	2.56	8.2
	CC5A/CD5AC048	33,400	TDR	—	13.50	—	—	—	11.15	35,200	3.34	22,400	2.52	8.0
	CC5A/CD5AW042	33,400	TDR	—	13.50	—	—	—	11.15	35,200	3.36	22,400	2.52	8.0
	CC5A/CD5AW048	34,000	TDR	—	13.50	—	—	—	11.35	35,400	3.56	22,600	2.58	8.5
	CD5AA048	34,000	TDR	—	13.50	—	—	—	11.30	35,400	3.56	22,600	2.58	8.5
	CK3BA042	34,600	TDR		—	—	13.50	—	11.55	33,800	3.46	21,000	2.40	7.4
	CK3BA048	34,800	TDR		—	—	13.60	—	11.55	34,000	3.50	21,200	2.42	7.8
	CK5A/CK5BA042	34,600	TDR		—	—	14.00	—	11.75	36,400	3.62	23,000	2.66	8.5
	CK5A/CK5BA048	34,400	TDR		—	—	14.50	—	12.25	35,800	3.66	22,400	2.68	8.6
	CK5A/CK5BT042	34,600	TDR		—	—	13.50	—	11.55	33,800	3.46	21,000	2.40	7.7
	CK5A/CK5BT048	34,800	TDR		—	—	13.50	—	11.55	34,000	3.50	21,200	2.42	7.8
	CK5PA042	34,600	TDR&TXV		14.00	—	—	—	11.75	36,400	3.62	23,000	2.66	8.5
	CK5PA048	34,400	TDR&TXV		14.50	—	—	—	12.25	35,800	3.66	22,400	2.68	8.6
	CK5PT042	34,600	TDR&TXV		13.50	—	—	—	11.55	33,800	3.46	21,000	2.40	7.7
	CK5PT048	34,800	TDR&TXV		13.50	—	—	—	11.55	34,000	3.50	21,200	2.42	7.8
	COILS + 58MVP120-20 VARIABLE-SPEED FURNACE													
	CC5A/CD5AA042	33,800	TDR	—	13.50	—	—	—	11.30	35,400	3.46	22,400	2.56	8.2
	CC5A/CD5AC048	33,400	TDR	—	13.50	—	—	—	11.20	35,200	3.34	22,200	2.52	8.0
	CC5A/CD5AW042	33,400	TDR	—	13.50	—	—	—	11.20	35,200	3.36	22,200	2.52	8.0
	CC5A/CD5AW048	34,000	TDR	—	13.50	—	—	—	11.40	35,200	3.54	22,400	2.58	8.5

See notes on pg. 17.

Detailed cooling capacities* continued

UNIT SIZE-SERIES	INDOOR UNIT	CFM††	ARI STANDARD RATINGS*											
			Cooling							Heating				
				Seasonal Efficiency SEER						High-Temp		Low-Temp		
							Field-Supplied Accessory‡							
			TC	Standard	Factory-Supplied Enhance-ment	Standard Rating	Puron TXV	Puron TXV & TDR**	EER	TC	COP	TC	COP	HSPF
036-32, 33	CD5AA048	34,000	TDR	—	13.50	—	—	—	11.40	35,200	3.56	22,400	2.58	8.5
	CK5A/CK5BW048	34,800	TDR		—	—	13.70	—	11.65	33,800	3.52	21,000	2.44	7.9
	CK5PW048	34,800	TDR&TXV		13.70	—	—	—	11.65	33,800	3.52	21,000	2.44	7.9
042-32, 33	*FV4BNF003	40,500	TDR&TXV		13.00	—	—	—	11.00	40,500	3.36	25,400	2.46	7.7
	CC5A/CD5AC048	39,000	NONE	—	—	12.00	—	—	10.20	40,500	3.02	25,800	2.28	7.0
	CC5A/CD5AW048	39,500	NONE	—	—	12.20	—	—	10.30	41,000	3.16	26,000	2.34	7.2
	CD5AA048	39,500	NONE	—	—	12.00	—	—	10.30	41,000	3.16	26,000	2.34	7.2
	CE3AA048	40,500	NONE		—	—	12.00	—	10.35	41,500	3.32	26,400	2.40	7.4
	CF5AA048	41,000	NONE		—	—	12.50	—	10.85	40,500	3.44	26,000	2.46	7.6
	CK3BA048	40,000	NONE		—	—	12.00	—	10.30	41,500	3.34	26,400	2.40	7.5
	CK5A/CK5BA048	40,000	NONE		—	—	12.00	—	10.30	41,500	3.34	26,400	2.40	7.5
	CK5A/CK5BE042	39,000	NONE		—	—	11.80	—	10.30	41,000	3.18	26,400	2.40	7.3
	CK5A/CK5BT048	40,000	NONE		—	—	12.00	—	10.30	41,500	3.34	26,400	2.40	7.5
	CK5A/CK5BW048	40,000	NONE		—	—	12.00	—	10.30	41,500	3.34	26,400	2.40	7.5
	CK5PA048	40,000	TXV		—	—	—	12.00	10.30	41,500	3.34	26,400	2.40	7.5
	CK5PE042	39,000	TXV		—	—	—	11.80	10.30	41,000	3.18	26,400	2.40	7.3
	CK5PT048	40,000	TXV		—	—	—	12.00	10.30	41,500	3.34	26,400	2.40	7.5
	CK5PW048	40,000	TXV		—	—	—	12.00	10.30	41,500	3.34	26,400	2.40	7.5
	F(A,B)4BN(F,B,C)048	40,000	TDR		—	12.00	—	—	10.25	41,500	3.34	26,600	2.42	7.5
	FC4CN(F,B)048	40,500	TDR&TXV		—	12.00	—	—	10.25	41,500	3.38	26,600	2.42	7.6
	FE4ANF003	40,500	TDR&TXV		13.00	—	—	—	11.00	40,500	3.36	25,400	2.46	7.7
	FE4ANF005	41,000	TDR&TXV		14.00	—	—	—	11.55	40,000	3.56	25,200	2.56	8.1
	FK4DNF003	40,500	TDR&TXV		—	13.00	—	—	11.10	40,000	3.32	25,400	2.44	7.4
	FK4DNF005	41,000	TDR&TXV		—	13.50	—	—	11.55	40,000	3.56	25,200	2.56	8.0
	FV4BNF005	41,000	TDR&TXV		14.00	—	—	—	11.55	40,000	3.56	25,200	2.56	8.1
	FX4BNF042	40,500	TDR&TXV		12.00	—	—	—	10.25	41,500	3.40	26,600	2.42	7.6
	FX4BNF048	41,000	TDR&TXV		12.20	—	—	—	10.80	41,000	3.50	26,800	2.48	7.6
	COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE													
	CE3AA048	40,000	TDR		—	13.00	—	—	11.00	41,000	3.34	25,600	2.46	7.5
	CK3BA048	40,000	TDR		—	13.00	—	—	11.05	41,000	3.38	25,600	2.46	7.6
	CK5A/CK5BA048	40,000	TDR		—	13.00	—	—	11.05	41,000	3.38	25,400	2.48	7.6
	CK5A/CK5BT048	40,000	TDR		—	13.00	—	—	11.05	41,000	3.38	25,400	2.48	7.6
	CK5PA048	40,000	TDR&TXV		13.00	—	—	—	11.05	41,000	3.38	25,400	2.48	7.6
	CK5PT048	40,000	TDR&TXV		13.00	—	—	—	11.05	41,000	3.38	25,400	2.48	7.6
	COILS + 58CV(A,X)110-22 VARIABLE-SPEED FURNACE													
	CC5A/CD5AW048	40,000	TDR		—	13.20	—	—	11.20	40,500	3.30	25,200	2.46	7.5
	CD5AA048	40,000	TDR		—	13.20	—	—	11.20	40,500	3.32	25,200	2.46	7.5
	CE3AA048	40,000	TDR		—	13.20	—	—	11.15	40,500	3.36	25,400	2.46	7.6
	CK3BA048	40,000	TDR		—	13.20	—	—	11.15	40,500	3.42	25,400	2.50	7.7
	CK5A/CK5BA048	40,000	TDR		—	13.20	—	—	11.15	40,500	3.42	25,400	2.50	7.7
	CK5A/CK5BT048	40,000	TDR		—	13.20	—	—	11.15	40,500	3.42	25,400	2.50	7.7
	CK5A/CK5BW048	40,000	TDR		—	13.20	—	—	11.15	40,500	3.42	25,400	2.50	7.7
	CK5PA048	40,000	TDR&TXV		13.20	—	—	—	11.15	40,500	3.42	25,400	2.50	7.7
	CK5PT048	40,000	TDR&TXV		13.20	—	—	—	11.15	40,500	3.42	25,400	2.50	7.7
	CK5PW048	40,000	TDR&TXV		13.20	—	—	—	11.15	40,500	3.42	25,400	2.50	7.7
	COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE													
	CC5A/CD5AW048	40,000	TDR		—	13.00	—	—	11.20	40,500	3.30	25,200	2.46	7.5
	CD5AA048	40,000	TDR		—	13.00	—	—	11.20	40,500	3.32	25,200	2.46	7.5
	CE3AA048	40,000	TDR		—	13.20	—	—	11.15	40,500	3.36	25,400	2.46	7.6
	CK3BA048	40,000	TDR		—	13.20	—	—	11.20	40,500	3.42	25,400	2.50	7.7
	CK5A/CK5BA048	40,000	TDR		—	13.20	—	—	11.20	40,500	3.42	25,400	2.50	7.7
	CK5A/CK5BT048	40,000	TDR		—	13.20	—	—	11.20	40,500	3.42	25,400	2.50	7.7
	CK5A/CK5BW048	40,000	TDR		—	13.20	—	—	11.20	40,500	3.42	25,400	2.50	7.7
	CK5PA048	40,000	TDR&TXV		13.20	—	—	—	11.20	40,500	3.42	25,400	2.50	7.7
	CK5PT048	40,000	TDR&TXV		13.20	—	—	—	11.20	41,000	3.42	25,400	2.50	7.7
	CK5PW048	40,000	TDR&TXV		13.20	—	—	—	11.20	40,500	3.42	25,400	2.50	7.7
	COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE													
	CC5A/CD5AW048	40,000	TDR		—	13.50	—	—	11.25	40,500	3.32	25,200	2.46	7.5
	CD5AA048	40,000	TDR		—	13.50	—	—	11.25	40,500	3.32	25,200	2.46	7.5
	CE3AA048	40,500	TDR		—	13.50	—	—	11.15	40,500	3.36	25,400	2.48	7.6
	CK3BA048	40,000	TDR		—	13.50	—	—	11.20	40,500	3.42	25,400	2.50	7.7
	CK5A/CK5BA048	40,000	TDR		—	13.50	—	—	11.20	40,500	3.42	25,400	2.50	7.7
	CK5A/CK5BT048	40,000	TDR		—	13.50	—	—	11.20	40,500	3.42	25,400	2.50	7.7
	CK5A/CK5BW048	40,000	TDR		—	13.50	—	—	11.20	40,500	3.42	25,400	2.50	7.7
	CK5PA048	40,000	TDR&TXV		13.50	—	—	—	11.20	40,500	3.42	25,400	2.50	7.7
	CK5PT048	40,000	TDR&TXV		13.50	—	—	—	11.20	40,500	3.42	25,400	2.50	7.7
	CK5PW048	40,000	TDR&TXV		13.50	—	—	—	11.20	40,500	3.42	25,400	2.50	7.7
	COILS + 58MVP040-14 VARIABLE-SPEED FURNACE													
	CC5A/CD5AC048	39,000	TDR	—	12.50	—	—	—	10.60	40,000	3.02	25,400	2.32	7.0
	CC5A/CD5AW048	39,500	TDR	—	12.80	—	—	—	10.80	40,500	3.20	25,400	2.38	7.2
	CD5AA048	39,500	TDR	—	12.80	—	—	—	10.75	40,500	3.20	25,400	2.38	7.3
	CK3BA048	40,000	TDR		—	12.70	—	—	10.90	40,500	3.34	25,600	2.44	7.5

See notes on pg. 17.

Detailed cooling capacities* continued

UNIT SIZE-SERIES	INDOOR UNIT	CFM††	ARI STANDARD RATINGS* Cooling TC	Seasonal Efficiency SEER Standard	Factory-Supplied Enhance-ment	Standard Rating	Field-Supplied Accessory‡ Puron TXV	Puron TXV & TDR**	EER	High-Temp TC	High-Temp COP	Low-Temp TC	Low-Temp COP	Heating HSPF
	COILS + 58MVP060-14 VARIABLE-SPEED FURNACE													
	CC5A/CD5AC048	39,000	TDR	—	12.50	—	—	—	10.75	40,000	3.06	25,200	2.34	7.0
	CD5AA048	39,500	TDR	—	13.00	—	—	—	10.90	40,500	3.22	25,400	2.40	7.3
	CK5A/CK5BE042	39,000	TDR		—	12.30	—	—	10.65	40,000	3.10	25,600	2.42	7.3
	CK5PE042	39,000	TDR&TXV		12.30	—	—	—	10.65	40,000	3.10	25,600	2.42	7.3
	COILS + 58MVP080-14 VARIABLE-SPEED FURNACE													
	CC5A/CD5AC048	39,000	TDR	—	12.50	—	—	—	10.55	40,000	3.02	25,400	2.30	7.0
	CC5A/CD5AW048	39,500	TDR	—	12.80	—	—	—	10.75	40,500	3.18	25,600	2.38	7.2
	CD5AA048	39,500	TDR	—	12.80	—	—	—	10.75	40,500	3.18	25,600	2.38	7.2
	CK5A/CK5BA048	40,000	TDR		—	12.70	—	—	10.90	40,500	3.34	25,600	2.44	7.5
	CK5A/CK5BT048	40,000	TDR		—	12.70	—	—	10.90	40,500	3.34	25,600	2.44	7.5
	CK5PA048	40,000	TDR&TXV		12.70	—	—	—	10.90	40,500	3.34	25,600	2.44	7.5
	CK5PT048	40,000	TDR&TXV		12.70	—	—	—	10.90	40,500	3.34	25,600	2.44	7.5
	COILS + 58MVP080-20 VARIABLE-SPEED FURNACE													
	CC5A/CD5AC048	39,000	TDR	—	12.50	—	—	—	10.70	40,000	3.06	25,200	2.32	7.0
	CC5A/CD5AW048	39,500	TDR	—	13.00	—	—	—	10.85	40,500	3.22	25,400	2.40	7.3
	CD5AA048	39,500	TDR	—	13.00	—	—	—	10.85	40,500	3.22	25,400	2.40	7.3
	CK3BA048	40,000	TDR		—	12.50	—	—	10.75	40,500	3.32	25,600	2.42	7.5
042-32, 33	CK5A/CK5BA048	40,000	TDR		—	12.50	—	—	10.90	40,500	3.32	25,600	2.42	7.5
	CK5A/CK5BT048	40,000	TDR		—	12.50	—	—	10.90	40,500	3.32	25,600	2.42	7.5
	CK5PA048	40,000	TDR&TXV		12.50	—	—	—	10.90	40,500	3.32	25,600	2.42	7.5
	CK5PT048	40,000	TDR&TXV		12.50	—	—	—	10.90	40,500	3.32	25,600	2.42	7.5
	COILS + 58MVP100-20 VARIABLE-SPEED FURNACE													
	CC5A/CD5AC048	39,000	TDR	—	12.50	—	—	—	10.75	40,000	3.06	25,200	2.34	7.0
	CC5A/CD5AW048	39,500	TDR	—	13.00	—	—	—	10.95	40,500	3.24	25,400	2.42	7.3
	CD5AA048	39,500	TDR	—	13.00	—	—	—	10.95	40,500	3.24	25,400	2.40	7.3
	CK3BA048	40,000	TDR		—	13.00	—	—	11.10	40,500	3.36	25,400	2.46	7.5
	CK5A/CK5BA048	40,000	TDR		—	13.00	—	—	11.10	40,500	3.36	25,400	2.46	7.5
	CK5A/CK5BT048	40,000	TDR		—	13.00	—	—	11.10	40,500	3.36	25,400	2.46	7.5
	CK5A/CK5BW048	40,000	TDR		—	12.50	—	—	10.80	40,500	3.32	25,600	2.44	7.5
	CK5PA048	40,000	TDR&TXV		13.00	—	—	—	11.10	40,500	3.36	25,400	2.46	7.5
	CK5PT048	40,000	TDR&TXV		13.00	—	—	—	11.10	40,500	3.36	25,400	2.46	7.5
	CK5PW048	40,000	TDR&TXV		12.50	—	—	—	10.80	40,500	3.32	25,600	2.44	7.5
	COILS + 58MVP120-20 VARIABLE-SPEED FURNACE													
	CC5A/CD5AC048	39,000	TDR	—	13.00	—	—	—	10.80	40,000	3.06	25,200	2.34	7.0
	CC5A/CD5AW048	40,000	TDR	—	13.00	—	—	—	11.05	40,500	3.22	25,200	2.40	7.3
	CD5AA048	39,500	TDR	—	13.00	—	—	—	11.00	40,500	3.22	25,400	2.42	7.3
	CK5A/CK5BW048	40,000	TDR		—	13.00	—	—	11.05	40,500	3.36	25,400	2.46	7.5
	CK5PW048	40,000	TDR&TXV		13.00	—	—	—	11.05	40,500	3.36	25,400	2.46	7.5
	*FV4BNF005	45,500	TDR&TXV		13.50	—	—	—	11.60	47,500	3.58	27,600	2.46	8.5
	CC5A/CD5AA060	44,500	NONE		—	12.20	—	—	10.60	48,000	3.22	28,400	2.26	7.9
	CC5A/CD5AW060	44,500	NONE		—	12.50	—	—	10.80	48,000	3.40	28,400	2.34	8.1
	CD5PX060	44,500	TXV	—	—	—	13.00	—	11.00	46,500	3.18	27,400	2.28	7.5
	CE3AA060	45,500	NONE		—	12.50	—	—	10.80	48,000	3.40	28,400	2.34	8.0
	CK3BA060	45,000	NONE		—	12.50	—	—	10.75	48,000	3.50	28,600	2.38	8.2
	CK5A/CK5BA060	45,000	NONE		—	12.50	—	—	10.75	48,000	3.50	28,600	2.38	8.2
	CK5A/CK5BT060	45,000	NONE		—	12.50	—	—	10.75	48,000	3.50	28,600	2.38	8.2
	CK5A/CK5BX060	45,500	NONE		—	13.00	—	—	10.90	48,500	3.52	28,600	2.38	8.3
	CK5PA060	45,000	TXV		—	—	—	12.50	10.75	48,000	3.50	28,600	2.38	8.2
	CK5PT060	45,000	TXV		—	—	—	12.50	10.75	48,000	3.50	28,600	2.38	8.2
	CK5PX060	45,500	TXV		—	—	—	13.00	10.90	48,500	3.52	28,600	2.38	8.3
	F(A,B)4BN(F,B,C)060	44,500	TDR		—	—	11.70	—	10.20	48,500	3.32	29,000	2.26	7.8
	FB4BNB070	46,000	TDR		—	—	12.50	—	10.90	48,000	3.54	28,600	2.38	8.0
	FC4CN(F,B)060	44,500	TDR&TXV		—	—	11.70	—	10.20	48,000	3.32	29,000	2.26	7.7
	FC4CNB070	46,000	TDR&TXV		—	—	12.50	—	10.90	48,000	3.54	28,600	2.38	8.0
	FE4ANB006	46,500	TDR&TXV		14.10	—	—	—	12.05	48,000	3.76	27,600	2.54	8.6
048-32, 33, 34	FE4ANF005	45,500	TDR&TXV		13.50	—	—	—	11.60	47,500	3.58	27,600	2.46	8.5
	FK4DNB006	46,500	TDR&TXV		—	—	14.00	—	12.05	48,000	3.76	27,600	2.54	8.5
	FK4DNF005	45,500	TDR&TXV		—	—	13.20	—	11.60	48,000	3.58	27,800	2.46	8.2
	FV4BNB006	46,500	TDR&TXV		14.10	—	—	—	12.05	48,000	3.76	27,600	2.54	8.6
	FX4BNB060	45,500	TDR&TXV		12.60	—	—	—	10.90	48,000	3.54	28,600	2.38	8.1
	FX4BNF048	45,000	TDR&TXV		12.50	—	—	—	10.75	48,000	3.42	28,400	2.34	8.0
	COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE													
	CE3AA060	44,500	TDR		—	—	13.00	—	11.40	47,500	3.64	27,400	2.50	8.5
	COILS + 58CV(A,X)110-22 VARIABLE-SPEED FURNACE													
	CD5PX060	45,000	TDR&TXV		13.50	—	—	—	11.70	48,000	3.68	27,600	2.50	8.5
	CE3AA060	45,000	TDR		—	—	13.50	—	11.60	47,500	3.42	27,800	2.40	8.1
	CK3BA060	44,500	TDR		—	—	13.50	—	11.60	47,500	3.60	27,600	2.46	8.3
	CK5A/CK5BA060	44,500	TDR		—	—	13.50	—	11.60	47,000	3.48	27,400	2.42	8.1
	CK5A/CK5BT060	44,500	TDR		—	—	13.50	—	11.60	47,500	3.60	27,600	2.46	8.3
	CK5A/CK5BX060	45,500	TDR		—	—	14.00	—	11.85	47,500	3.60	27,600	2.46	8.3
	CK5PA060	44,500	TDR&TXV		13.50	—	—	—	11.60	47,500	3.60	27,600	2.46	8.3
	CK5PT060	44,500	TDR&TXV		13.50	—	—	—	11.60	47,500	3.60	27,600	2.46	8.3
	CK5PX060	45,500	TDR&TXV		14.00	—	—	—	11.85	47,500	3.62	27,600	2.50	8.5

See notes on pg. 17.

Detailed cooling capacities* continued

UNIT SIZE-SERIES	INDOOR UNIT	CFM††	ARI STANDARD RATINGS* Cooling TC	Seasonal Efficiency SEER Standard	Factory-Supplied Enhance-ment	Standard Rating	Field-Supplied Accessory‡ Puron TXV	Puron TXV & TDR**	EER	Heating High-Temp TC	High-Temp COP	Low-Temp TC	Low-Temp COP	HSPF
	COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE													
	CC5A/CD5AW060	44,500	TDR		—	—	13.50	—	11.60	47,000	3.46	27,400	2.42	8.1
	CE3AA060	45,000	TDR		—	—	13.50	—	11.60	47,000	3.48	27,400	2.42	8.1
	CK3BA060	44,500	TDR		—	—	13.50	—	11.55	47,500	3.58	27,600	2.46	8.3
	CK5A/CK5BA060	44,500	TDR		—	—	13.50	—	11.55	47,500	3.62	27,600	2.50	8.5
	CK5A/CK5BT060	44,500	TDR		—	—	13.50	—	11.55	47,500	3.58	27,600	2.46	8.3
	CK5A/CK5BX060	45,500	TDR		—	—	14.00	—	11.75	47,500	3.58	27,600	2.46	8.3
	CK5PA060	44,500	TDR&TXV		13.50	—	—	—	11.55	47,500	3.58	27,600	2.46	8.3
	CK5PT060	44,500	TDR&TXV		13.50	—	—	—	11.55	47,500	3.58	27,600	2.46	8.3
	CK5PX060	45,500	TDR&TXV		14.00	—	—	—	11.75	47,500	3.62	27,600	2.48	8.3
	COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE													
	CC5A/CD5AW060	44,500	TDR		—	—	13.50	—	11.70	47,000	3.28	27,200	2.34	7.8
	CE3AA060	45,000	TDR		—	—	13.50	—	11.70	47,000	3.46	27,600	2.42	8.1
	CK3BA060	44,500	TDR		—	—	13.50	—	11.65	47,500	3.60	27,400	2.48	8.3
	CK5A/CK5BA060	44,500	TDR		—	—	13.50	—	11.65	47,500	3.62	27,600	2.48	8.3
	CK5A/CK5BT060	44,500	TDR		—	—	13.50	—	11.65	47,500	3.60	27,400	2.48	8.3
	CK5A/CK5BX060	45,500	TDR		—	—	14.00	—	11.85	47,500	3.60	27,400	2.48	8.3
	CK5PA060	44,500	TDR&TXV		13.50	—	—	—	11.65	47,500	3.60	27,400	2.48	8.3
	CK5PT060	44,500	TDR&TXV		13.50	—	—	—	11.65	47,500	3.60	27,400	2.48	8.3
	CK5PX060	45,500	TDR&TXV		14.00	—	—	—	11.85	47,500	3.64	27,400	2.50	8.5
	COILS + 58MVP080-20 VARIABLE-SPEED FURNACE													
	CC5A/CD5AA060	43,000	TDR	—	13.00	—	—	—	10.95	46,500	3.22	27,400	2.30	7.5
	CC5A/CD5AW048	43,000	TDR	—	13.00	—	—	—	10.95	47,000	3.48	27,400	2.44	8.0
	CK3BA060	44,500	TDR		—	—	12.50	—	10.90	47,500	3.44	28,200	2.36	8.1
048-32, 33, 34	CK5A/CK5BA060	45,000	TDR		—	—	12.50	—	10.90	47,500	3.44	28,200	2.36	8.1
	CK5A/CK5BT060	45,000	TDR		—	—	12.50	—	10.90	47,500	3.44	28,200	2.36	8.1
	CK5A/CK5BX060	45,000	TDR		—	—	12.70	—	11.10	47,500	3.48	28,200	2.38	8.1
	CK5PA060	45,000	TDR&TXV		12.50	—	—	—	10.90	47,500	3.44	28,200	2.36	8.1
	CK5PT060	45,000	TDR&TXV		12.50	—	—	—	10.90	47,500	3.44	28,200	2.36	8.1
	CK5PX060	45,000	TDR&TXV		12.70	—	—	—	11.10	47,500	3.48	28,200	2.38	8.1
	COILS + 58MVP100-20 VARIABLE-SPEED FURNACE													
	CC5A/CD5AA060	43,000	TDR	—	13.00	—	—	—	11.05	46,500	3.18	27,600	2.28	7.5
	CC5A/CD5AW048	43,000	TDR	—	13.00	—	—	—	11.00	47,000	3.22	27,600	2.28	7.5
	CD5PX060	44,500	TDR&TXV	13.50	—	—	—	—	11.40	48,000	3.54	28,400	2.40	8.0
	CK3BA060	45,000	TDR		—	—	13.00	—	11.30	47,000	3.52	27,800	2.40	8.2
	CK5A/CK5BA060	45,000	TDR		—	—	13.00	—	11.25	47,000	3.50	27,800	2.40	8.2
	CK5A/CK5BT060	45,000	TDR		—	—	13.00	—	11.25	47,000	3.50	27,800	2.40	8.2
	CK5A/CK5BX060	45,500	TDR		—	—	13.50	—	11.45	47,500	3.54	27,800	2.44	8.3
	CK5PA060	45,000	TDR&TXV		13.00	—	—	—	11.25	47,000	3.50	27,800	2.40	8.2
	CK5PT060	45,000	TDR&TXV		13.00	—	—	—	11.25	47,000	3.50	27,800	2.40	8.2
	CK5PX060	45,500	TDR&TXV		13.50	—	—	—	11.45	47,500	3.54	27,800	2.44	8.3
	COILS + 58MVP120-20 VARIABLE-SPEED FURNACE													
	CC5A/CD5AA060	43,000	TDR	—	13.00	—	—	—	11.05	46,500	3.18	27,400	2.28	7.5
	CC5A/CD5AW048	43,000	TDR	—	13.00	—	—	—	11.05	47,000	3.22	27,400	2.30	7.5
	CK5A/CK5BA060	45,000	TDR		—	—	13.00	—	11.30	47,000	3.52	27,800	2.40	8.2
	CK5A/CK5BT060	45,000	TDR		—	—	13.00	—	11.30	47,000	3.52	27,800	2.40	8.2
	CK5A/CK5BX060	45,500	TDR		—	—	13.50	—	11.45	47,500	3.54	27,800	2.44	8.3
	CK5PA060	45,000	TDR&TXV		13.00	—	—	—	11.30	47,000	3.52	27,800	2.40	8.2
	CK5PT060	45,000	TDR&TXV		13.00	—	—	—	11.30	47,000	3.52	27,800	2.40	8.2
	CK5PX060	45,500	TDR&TXV		13.50	—	—	—	11.45	47,500	3.54	27,800	2.44	8.3
	*FV4BNB006	58,000	TDR&TXV		13.00	—	—	—	10.75	60,000	3.56	37,000	2.54	8.1
	CC5A/CD5AW060	56,000	NONE		—	—	12.50	—	10.45	58,500	3.26	36,800	2.42	7.6
	CD5PX060	56,500	TXV	—	—	—	12.00	—	10.25	60,000	3.46	37,600	2.48	8.0
	CK5A/CK5BX060	56,500	NONE		—	—	12.50	—	10.55	59,000	3.44	37,000	2.50	7.8
	CK5PX060	56,500	TXV		—	—	—	12.50	10.55	59,000	3.44	37,000	2.50	7.8
	FB4BNB070	57,000	TDR		—	12.20	—	—	10.20	60,000	3.44	37,800	2.46	7.8
	FC4CNB070	57,000	TDR&TXV		—	12.20	—	—	10.20	60,000	3.44	37,800	2.46	7.8
	FE4ANB006	58,000	TDR&TXV		13.00	—	—	—	10.75	60,000	3.56	37,000	2.54	8.1
	FK4DNB006	58,000	TDR&TXV		—	13.00	—	—	10.75	59,500	3.56	37,000	2.54	8.0
	FX4BNB060	57,000	TDR&TXV		12.10	—	—	—	10.20	60,000	3.44	37,800	2.46	7.8
060-32, 33	**COILS + 58CV(A,X)110-22 VARIABLE-SPEED FURNACE**													
	CD5PX060	56,500	TDR&TXV		12.50	—	—	—	10.50	59,000	3.52	37,200	2.52	8.0
	COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE													
	CC5A/CD5AW060	56,000	TDR		—	12.50	—	—	10.55	58,500	3.28	36,600	2.44	7.6
	COILS + 58MVP080-20 VARIABLE-SPEED FURNACE													
	CD5PX060	55,500	TDR&TXV	12.00	—	—	—	—	9.90	60,000	3.36	37,800	2.42	7.5
	COILS + 58MVP100-20 VARIABLE-SPEED FURNACE													
	CD5PX060	56,000	TDR&TXV	12.00	—	—	—	—	10.05	60,000	3.40	37,600	2.44	7.5
	COILS + 58MVP120-20 VARIABLE-SPEED FURNACE													
	CD5PX060	55,000	TDR&TXV	12.00	—	—	—	—	10.15	61,000	3.40	37,400	2.44	7.5

See notes on pg. 17.

* 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.

†† 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		
CFM	EWB	Capacity MBtuh† Total	Capacity MBtuh† Sens‡	Total System kW**	Capacity MBtuh† Total	Capacity MBtuh† Sens‡	Total System kW**	Capacity MBtuh† Total	Capacity MBtuh† Sens‡	Total System kW**	Capacity MBtuh† Total	Capacity MBtuh† Sens‡	Total System kW**	Capacity MBtuh† Total	Capacity MBtuh† Sens‡	Total System kW**	Capacity MBtuh† Total	Capacity MBtuh† Sens‡	Total System kW**
38YXA024-32, 33 Outdoor Section With FX4(A,B)NF030 Indoor Section																			
700	72	29.7	14.5	1.85	28.4	14.0	2.07	26.9	13.5	2.31	25.4	12.9	2.57	23.8	12.3	2.85	22.0	11.7	3.14
	67	27.2	18.2	1.85	25.9	17.6	2.06	24.6	17.1	2.30	23.2	16.5	2.55	21.7	15.9	2.83	20.1	15.3	3.12
	63††	25.3	17.7	1.85	24.1	17.2	2.06	22.9	16.6	2.29	21.6	16.1	2.54	20.2	15.5	2.82	18.7	14.8	3.11
	62	24.8	21.7	1.84	23.7	21.2	2.06	22.5	20.6	2.29	21.3	20.0	2.54	20.0	19.4	2.81	18.6	18.5	3.11
	57	23.7	23.7	1.84	22.8	22.8	2.06	21.9	21.9	2.29	20.9	20.9	2.54	19.8	19.8	2.81	18.6	18.6	3.11
800	72	30.3	15.2	1.88	28.9	14.6	2.11	27.3	14.1	2.35	25.8	13.6	2.61	24.1	13.0	2.88	22.2	12.3	3.18
	67	27.7	19.3	1.88	26.4	18.7	2.10	25.0	18.2	2.34	23.6	17.6	2.59	22.0	17.0	2.87	20.4	16.4	3.16
	63††	25.8	18.8	1.88	24.6	18.2	2.10	23.3	17.7	2.33	21.9	17.1	2.58	20.5	16.5	2.85	19.0	15.8	3.15
	62	25.4	23.3	1.88	24.2	22.7	2.10	23.0	22.1	2.33	21.8	21.4	2.58	20.5	20.5	2.85	19.2	19.2	3.15
	57	24.7	24.7	1.88	23.7	23.7	2.10	22.7	22.7	2.33	21.6	21.6	2.58	20.5	20.5	2.85	19.2	19.2	3.15
900	72	30.8	15.8	1.92	29.3	15.3	2.14	27.7	14.7	2.38	26.1	14.2	2.64	24.3	13.6	2.92	22.4	12.9	3.22
	67	28.2	20.4	1.92	26.8	19.8	2.14	25.3	19.3	2.37	23.9	18.7	2.63	22.3	18.1	2.90	20.5	17.4	3.20
	63††	26.2	19.8	1.92	24.9	19.2	2.13	23.6	18.6	2.37	22.2	18.1	2.62	20.8	17.4	2.89	19.1	16.7	3.19
	62	25.9	24.7	1.92	24.7	24.1	2.13	23.5	23.3	2.37	22.3	22.3	2.62	21.1	21.1	2.89	19.7	19.7	3.19
	57	25.5	25.5	1.91	24.5	24.5	2.13	23.4	23.4	2.37	22.3	22.3	2.62	21.1	21.1	2.89	19.7	19.7	3.19

Multipliers for Determining the Performance With Other Indoor Sections.

Indoor Section	Size	Cooling Capacity	Cooling Power
CC5A/CD5AA	036	0.98	0.98
CC5A/CD5AW	030	0.95	0.98
	036	0.98	0.98
CE3AA	036	0.95	0.96
CF5AA	036	1.00	1.00
CK3BA	036	0.97	0.96
CK5A/CK5BA	036	0.97	0.96
CK5A/CK5BT	036	0.97	0.96
CK5A/CK5BW	036	0.97	0.96
CK5PA	036	0.97	0.96
CK5PT	036	0.97	0.96
CK5PW	036	0.97	0.96
F(A,B)4BN(F,C)	030	0.94	0.96
FC4CNF	030	0.96	0.97
FE4ANF	002	1.01	0.93
	003	1.01	0.91
FK4DNF	001	0.98	0.90
	002	1.01	0.91
	003	1.01	0.89
FV4BNF	002	1.01	0.93
	003	1.01	0.91
FX4BNF	030	1.00	1.00
COILS + 58CV(A,X)070-12 VARIABLE-SPEED FURNACE			
CC5A/CD5AA	030	0.96	0.90
	036	0.96	0.88
CC5A/CD5AW	030	0.96	0.90
CK3BA	030	0.96	0.90
CK5A/CK5BW	030	0.96	0.90
CK5PA	030	0.96	0.90
	036	0.97	0.88
CK5PT	036	0.97	0.88

Indoor Section	Size	Cooling Capacity	Cooling Power
CK5PW	030	0.96	0.90
COILS + 58MVP040-14 VARIABLE-SPEED FURNACE			
CC5A/CD5AW	036	0.97	0.89
COILS + 58MVP060-14 VARIABLE-SPEED FURNACE			
CC5A/CD5AA	030	0.94	0.88
	036	0.97	0.89
CC5A/CD5AW	030	0.94	0.88
	036	0.97	0.89
CK3BA	036	0.98	0.91
CK5A/CK5BA	036	0.98	0.91
CK5A/CK5BT	036	0.98	0.91
CK5PA	036	0.98	0.91
CK5PT	036	0.98	0.91
COILS + 58MVP080-14 VARIABLE-SPEED FURNACE			
CC5A/CD5AA	036	0.97	0.89
CC5A/CD5AW	030	0.94	0.89
	036	0.97	0.89
CK5A/CK5BW	036	0.98	0.89
CK5PW	036	0.98	0.89
COILS + 58MVP080-20 VARIABLE-SPEED FURNACE			
CC5A/CD5AA	036	0.97	0.89
CC5A/CD5AW	030	0.94	0.89
	036	0.97	0.89
COILS + 58MVP100-20 VARIABLE-SPEED FURNACE			
CC5A/CD5AA	036	0.98	0.89
CC5A/CD5AW	030	0.94	0.89
	036	0.98	0.89
CK5A/CK5BW	036	1.00	0.92
CK5PW	036	1.00	0.92
COILS + 58MVP120-20 VARIABLE-SPEED FURNACE			
CC5A/CD5AW	036	0.97	0.89

See notes on pg. 25.

Detailed cooling capacities* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
		Capacity MBtuh†		Total System	Capacity MBtuh†		Total System	Capacity MBtuh†		Total System	Capacity MBtuh†		Total System	Capacity MBtuh†		Total System	Capacity MBtuh†		Total System
CFM	EWB	Total	Sens‡	kW**	Total	Sens‡	kW**	Total	Sens‡	kW**	Total	Sens‡	kW**	Total	Sens‡	kW**	Total	Sens‡	kW**
38YXA030-32, 33 Outdoor Section With FX4(A,B)NF030 Indoor Section																			
825	72	34.3	17.2	2.07	32.6	16.6	2.31	30.9	15.9	2.58	29.0	15.3	2.87	27.0	14.6	3.20	24.8	13.8	3.56
	67	31.4	21.7	2.06	29.9	21.1	2.29	28.3	20.5	2.56	26.6	19.8	2.86	24.8	19.1	3.18	22.7	18.3	3.54
	63††	29.2	21.1	2.04	27.8	20.5	2.28	26.4	19.9	2.55	24.8	19.2	2.84	23.1	18.5	3.17	21.2	17.7	3.53
	62	28.8	26.2	2.04	27.4	25.5	2.28	26.0	24.8	2.55	24.5	24.0	2.84	23.0	23.0	3.17	21.4	21.4	3.53
	57	27.8	27.8	2.04	26.7	26.7	2.27	25.6	25.6	2.54	24.3	24.3	2.84	23.0	23.0	3.17	21.4	21.4	3.53
1050	72	35.2	18.7	2.14	33.5	18.1	2.38	31.6	17.4	2.65	29.7	16.8	2.94	27.6	16.1	3.27	25.2	15.3	3.62
	67	32.4	24.3	2.13	30.7	23.7	2.36	29.0	23.0	2.63	27.2	22.3	2.93	25.3	21.6	3.25	23.2	20.7	3.61
	63††	30.2	23.6	2.11	28.6	22.9	2.35	27.0	22.3	2.62	25.4	21.5	2.91	23.6	20.8	3.24	21.6	19.9	3.59
	62	29.9	29.4	2.11	28.6	28.5	2.35	27.2	27.2	2.62	25.8	25.8	2.91	24.3	24.3	3.24	22.5	22.5	3.60
	57	29.8	29.8	2.11	28.5	28.5	2.35	27.2	27.2	2.62	25.8	25.8	2.91	24.3	24.3	3.24	22.6	22.6	3.60
1250	72	35.8	20.0	2.20	34.0	19.4	2.44	32.1	18.7	2.71	30.0	18.1	3.00	27.8	17.3	3.33	25.4	16.5	3.68
	67	32.9	26.5	2.19	31.2	25.8	2.42	29.4	25.1	2.69	27.6	24.4	2.98	25.6	23.6	3.31	23.4	22.6	3.67
	63††	30.7	25.6	2.17	29.1	24.9	2.41	27.5	24.2	2.67	25.7	23.4	2.97	23.9	22.6	3.30	21.9	21.5	3.65
	62	31.0	31.0	2.17	29.7	29.7	2.41	28.3	28.3	2.68	26.8	26.8	2.98	25.1	25.1	3.31	23.2	23.2	3.67
	57	31.0	31.0	2.17	29.7	29.7	2.41	28.3	28.3	2.68	26.8	26.8	2.98	25.1	25.1	3.31	23.2	23.2	3.67

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	0.99	**CK5PA**	036	0.99	0.89
CF5AA	036	0.99	1.02	**CK5PT**	036	0.99	0.89
CK3BA	036	0.99	0.98	**CK5PW**	036	0.99	0.89
CK5A/CK5BW	036	0.99	0.98	**COILS + 58MVP040-14 VARIABLE-SPEED FURNACE**			
CK5PW	036	0.99	0.98	CC5A/CD5AW	036	0.99	0.90
F(A,B)4BN(F,C)	030	0.97	0.98	**COILS + 58MVP060-14 VARIABLE-SPEED FURNACE**			
	036	0.98	1.02	**CC5A/CD5AA**	036	0.98	0.89
FC4CNF	030	0.97	0.98	**CC5A/CD5AW**	036	0.98	0.89
	036	0.98	1.02	**CK3BA**	036	1.00	0.93
FE4ANF	002	1.01	0.92	**CK5A/CK5BA**	036	1.00	0.93
	003	1.01	0.90	**CK5A/CK5BT**	036	1.00	0.93
FK4DNF	001	0.99	0.91	**CK5PA**	036	1.00	0.93
	002	0.99	0.91	**CK5PT**	036	1.00	0.93
	003	1.00	0.89	**COILS + 58MVP080-14 VARIABLE-SPEED FURNACE**			
FV4BNF	002	1.01	0.92	**CC5A/CD5AA**	036	0.99	0.90
	003	1.01	0.90	**CC5A/CD5AW**	036	0.99	0.90
FX4BNF	030	1.00	1.00	**CK5A/CK5BW**	036	1.00	0.92
	036	1.00	1.03	**CK5PW**	036	1.00	0.92
COILS + 58CV(A,X)070-12 VARIABLE-SPEED FURNACE				**COILS + 58MVP080-20 VARIABLE-SPEED FURNACE**			
CC5A/CD5AA	036	0.99	0.90	**CC5A/CD5AA**	036	0.99	0.90
CK3BA	036	0.99	0.90	**CC5A/CD5AW**	036	0.98	0.89
CK5A/CK5BA	036	0.99	0.90	**CK5A/CK5BW**	036	1.00	0.93
CK5A/CK5BT	036	0.99	0.90	**CK5PW**	036	1.00	0.93
CK5PA	036	0.99	0.90	**COILS + 58MVP100-20 VARIABLE-SPEED FURNACE**			
CK5PT	036	0.99	0.90	**CC5A/CD5AA**	036	0.99	0.89
COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE				**CC5A/CD5AW**	036	0.99	0.89
CC5A/CD5AA	036	0.99	0.89	**CK5A/CK5BW**	036	1.01	0.91
CC5A/CD5AW	036	0.99	0.89	**CK5PW**	036	1.01	0.91
CK3BA	036	0.99	0.89	**COILS + 58MVP120-20 VARIABLE-SPEED FURNACE**			
CK5A/CK5BA	036	0.99	0.89	**CC5A/CD5AW**	036	0.98	0.89
CK5A/CK5BW	036	0.99	0.89		—	—	—

See notes on pg. 25.

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‡	
38YXA036-32, 33 Outdoor Section With FX4(A,B)NF042 Indoor Section																			
1125	72	42.3	21.3	2.64	40.3	20.6	2.93	38.3	19.8	3.26	36.0	19.1	3.61	33.7	18.3	4.00	31.0	17.4	4.40
	67	38.7	27.3	2.63	36.9	26.5	2.93	35.0	25.8	3.25	33.0	25.0	3.60	30.8	24.1	3.98	28.3	23.2	4.38
	63††	36.1	26.5	2.63	34.4	25.7	2.92	32.6	25.0	3.24	30.6	24.1	3.59	28.6	23.3	3.96	26.3	22.3	4.36
	62	35.5	33.0	2.63	33.9	32.2	2.92	32.2	31.4	3.24	30.4	30.3	3.59	28.7	28.7	3.96	26.8	26.8	4.37
	57	34.7	34.7	2.63	33.3	33.3	2.92	31.9	31.9	3.24	30.4	30.4	3.59	28.7	28.7	3.96	26.8	26.8	4.37
1250	72	42.7	22.1	2.69	40.7	21.4	2.98	38.6	20.6	3.31	36.3	19.9	3.66	33.9	19.0	4.05	31.2	18.1	4.46
	67	39.2	28.6	2.68	37.3	27.9	2.98	35.4	27.1	3.30	33.2	26.3	3.65	31.0	25.4	4.03	28.5	24.5	4.43
	63††	36.6	27.8	2.68	34.8	27.0	2.97	32.9	26.2	3.29	31.0	25.4	3.64	28.8	24.5	4.01	26.5	23.5	4.41
	62	36.1	34.8	2.68	34.5	33.9	2.97	32.8	32.8	3.29	31.2	31.2	3.64	29.4	29.4	4.02	27.4	27.4	4.42
	57	35.7	35.7	2.68	34.3	34.3	2.97	32.8	32.8	3.29	31.2	31.2	3.64	29.4	29.4	4.02	27.4	27.4	4.42
1375	72	43.1	22.8	2.74	41.1	22.1	3.03	38.9	21.4	3.36	36.6	20.6	3.71	34.1	19.8	4.10	31.3	18.9	4.51
	67	39.6	30.0	2.73	37.7	29.2	3.03	35.6	28.4	3.35	33.5	27.6	3.70	31.3	26.7	4.08	28.7	25.7	4.48
	63††	36.9	29.0	2.73	35.1	28.2	3.02	33.2	27.4	3.34	31.2	26.6	3.69	29.0	25.7	4.06	26.7	24.6	4.46
	62	36.7	36.4	2.73	35.1	35.1	3.02	33.5	33.5	3.34	31.8	31.8	3.69	30.0	30.0	4.07	28.0	28.0	4.48
	57	36.6	36.6	2.73	35.1	35.1	3.02	33.5	33.5	3.34	31.8	31.8	3.69	30.0	30.0	4.07	27.9	27.9	4.48

Multipliers for Determining the Performance With Other Indoor Sections.

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	042	0.94	1.02	**CK5PA**	042	1.00	0.94
CC5A/CD5AC	048	0.98	0.98		048	1.01	0.94
CC5A/CD5AW	042	0.99	1.00	**CK5PE**	042	1.01	0.94
	048	0.99	0.98	**CK5PT**	042	1.00	0.94
CD5AA	048	0.99	1.01		048	1.01	0.94
CE3AA	042	0.99	0.99	**COILS + 58CV(A,X)110-22 VARIABLE-SPEED FURNACE**			
	048	1.00	0.99	**CD5AA**	048	1.01	0.93
CF5AA	048	1.00	0.99	**CE3AA**	048	1.00	0.93
CK3BA	042	0.98	1.00	**CK3BA**	042	1.01	0.94
	048	0.99	0.99		048	1.01	0.93
CK5A/CK5BA	042	0.99	1.00	**CK5A/CK5BA**	042	1.00	0.93
	048	0.99	0.99		048	1.01	0.93
CK5A/CK5BE	042	0.97	0.97	**CK5A/CK5BT**	042	1.01	0.94
CK5A/CK5BT	042	0.99	1.00		048	1.01	0.93
	048	0.99	0.99	**CK5A/CK5BW**	048	1.01	0.93
CK5A/CK5BW	048	0.99	0.99	**CK5PA**	042	1.01	0.94
CK5PA	042	0.99	1.00		048	1.01	0.93
	048	0.99	0.99	**CK5PT**	042	1.01	0.94
CK5PE	042	0.97	0.97		048	1.01	0.93
CK5PT	042	0.99	1.00	**CK5PW**	048	1.01	0.93
	048	0.99	0.99	**COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE**			
CK5PW	048	0.99	0.99	**CC5A/CD5AW**	048	1.00	0.93
F(A,B)4BN(F,B,C)	042	0.99	1.01	**CD5AA**	048	1.00	0.93
FC4CN(F,B)	042	0.99	1.01	**CE3AA**	048	1.00	0.93
FE4ANF	002	0.98	0.93	**CK3BA**	042	1.00	0.94
	003	0.99	0.90		048	1.01	0.94
	005	1.02	0.89	**CK5A/CK5BA**	042	1.01	0.94
FK4DNF	003	0.99	0.90		048	1.01	0.94
	005	1.02	0.89	**CK5A/CK5BT**	042	1.00	0.94
FV4BNF	002	0.98	0.93		048	1.01	0.94
	003	0.99	0.90	**CK5A/CK5BW**	048	1.01	0.94
	005	1.02	0.89	**CK5PA**	042	1.00	0.94
FX4BNF	042	1.00	1.00		048	1.01	0.94
COILS + 58CV(A,X)070-12 VARIABLE-SPEED FURNACE				**CK5PT**	042	1.00	0.94
CK5A/CK5BE	042	1.00	0.96		048	1.01	0.94
CK5PE	042	1.00	0.96	**CK5PW**	048	1.01	0.94
COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE				**COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE**			
CE3AA	048	1.00	0.94	**CC5A/CD5AW**	042	0.99	0.93
CK3BA	042	1.00	0.94		048	1.01	0.93
	048	1.01	0.94	**CD5AA**	048	1.01	0.93
CK5A/CK5BA	042	1.00	0.94	**CE3AA**	048	1.00	0.93
	048	1.01	0.94	**CK3BA**	042	1.00	0.93
CK5A/CK5BE	042	1.00	0.94		048	1.01	0.92
CK5A/CK5BT	042	1.00	0.94	**CK5A/CK5BA**	042	1.00	0.93
	048	1.01	0.94		048	1.01	0.92

See notes on pg. 25.

Detailed cooling capacities* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
CFM	EWB	Capacity MBtuh† Total	Capacity MBtuh† Sens‡	Total System kW**	Capacity MBtuh† Total	Capacity MBtuh† Sens‡	Total System kW**	Capacity MBtuh† Total	Capacity MBtuh† Sens‡	Total System kW**	Capacity MBtuh† Total	Capacity MBtuh† Sens‡	Total System kW**	Capacity MBtuh† Total	Capacity MBtuh† Sens‡	Total System kW**	Capacity MBtuh† Total	Capacity MBtuh† Sens‡	Total System kW**
38YXA036-32, 33 Outdoor Section With FX4(A,B)NF042 Indoor Section continued																			
1125	72	42.3	21.3	2.64	40.3	20.6	2.93	38.3	19.8	3.26	36.0	19.1	3.61	33.7	18.3	4.00	31.0	17.4	4.40
	67	38.7	27.3	2.63	36.9	26.5	2.93	35.0	25.8	3.25	33.0	25.0	3.60	30.8	24.1	3.98	28.3	23.2	4.38
	63††	36.1	26.5	2.63	34.4	25.7	2.92	32.6	25.0	3.24	30.6	24.1	3.59	28.6	23.3	3.96	26.3	22.3	4.36
	62	35.5	33.0	2.63	33.9	32.2	2.92	32.2	31.4	3.24	30.4	30.3	3.59	28.7	28.7	3.96	26.8	26.8	4.37
	57	34.7	34.7	2.63	33.3	33.3	2.92	31.9	31.9	3.24	30.4	30.4	3.59	28.7	28.7	3.96	26.8	26.8	4.37
1250	72	42.7	22.1	2.69	40.7	21.4	2.98	38.6	20.6	3.31	36.3	19.9	3.66	33.9	19.0	4.05	31.2	18.1	4.46
	67	39.2	28.6	2.68	37.3	27.9	2.98	35.4	27.1	3.30	33.2	26.3	3.65	31.0	25.4	4.03	28.5	24.5	4.43
	63††	36.6	27.8	2.68	34.8	27.0	2.97	32.9	26.2	3.29	31.0	25.4	3.64	28.8	24.5	4.01	26.5	23.5	4.41
	62	36.1	34.8	2.68	34.5	33.9	2.97	32.8	32.8	3.29	31.2	31.2	3.64	29.4	29.4	4.02	27.4	27.4	4.42
	57	35.7	35.7	2.68	34.3	34.3	2.97	32.8	32.8	3.29	31.2	31.2	3.64	29.4	29.4	4.02	27.4	27.4	4.42
1375	72	43.1	22.8	2.74	41.1	22.1	3.03	38.9	21.4	3.36	36.6	20.6	3.71	34.1	19.8	4.10	31.3	18.9	4.51
	67	39.6	30.0	2.73	37.7	29.2	3.03	35.6	28.4	3.35	33.5	27.6	3.70	31.3	26.7	4.08	28.7	25.7	4.48
	63††	36.9	29.0	2.73	35.1	28.2	3.02	33.2	27.4	3.34	31.2	26.6	3.69	29.0	25.7	4.06	26.7	24.6	4.46
	62	36.7	36.4	2.73	35.1	35.1	3.02	33.5	33.5	3.34	31.8	31.8	3.69	30.0	30.0	4.07	28.0	28.0	4.48
	57	36.6	36.6	2.73	35.1	35.1	3.02	33.5	33.5	3.34	31.8	31.8	3.69	30.0	30.0	4.07	27.9	27.9	4.48

Multipliers for Determining the Performance With Other Indoor Sections.

Indoor Section	Size	Cooling Capacity	Cooling Power
CK5A/CK5BT	042	1.00	0.93
	048	1.01	0.92
CK5A/CK5BW	048	1.01	0.92
CK5PA	042	1.00	0.93
	048	1.01	0.92
CK5PT	042	1.00	0.93
	048	1.01	0.92
CK5PW	048	1.01	0.92
COILS + 58MVP040-14 VARIABLE-SPEED FURNACE			
CC5A/CD5AA	042	0.99	0.93
CC5A/CD5AC	048	0.98	0.93
CC5A/CD5AW	042	0.98	0.92
	048	1.00	0.93
CD5AA	048	0.99	0.93
CK5A/CK5BA	042	0.99	0.91
CK5A/CK5BT	042	1.00	0.96
CK5A/CK5BW	048	1.01	0.96
CK5PA	042	0.99	0.91
CK5PT	042	1.00	0.96
CK5PW	048	1.01	0.96
COILS + 58MVP060-14 VARIABLE-SPEED FURNACE			
CC5A/CD5AA	042	0.99	0.92
CC5A/CD5AC	048	0.98	0.91
CD5AA	048	1.00	0.92
CK3BA	042	1.00	0.96
CK5A/CK5BE	042	0.98	0.94
CK5PE	042	0.98	0.94
COILS + 58MVP080-14 VARIABLE-SPEED FURNACE			
CC5A/CD5AA	042	0.99	0.93
CC5A/CD5AC	048	0.97	0.92
CC5A/CD5AW	042	0.98	0.93
	048	0.99	0.93
CD5AA	048	0.99	0.93
CK3BA	042	1.00	0.95
	048	1.01	0.95
CK5A/CK5BA	042	0.99	0.93
	048	0.99	0.90
CK5A/CK5BT	042	1.00	0.95
	048	1.01	0.95
CK5PA	042	0.99	0.93
	048	0.99	0.90
	—	—	—

Indoor Section	Size	Cooling Capacity	Cooling Power
CK5PT	042	1.00	0.95
	048	1.01	0.95
COILS + 58MVP080-20 VARIABLE-SPEED FURNACE			
CC5A/CD5AA	042	0.99	0.92
CC5A/CD5AC	048	0.98	0.92
CC5A/CD5AW	042	0.98	0.92
	048	0.99	0.92
CD5AA	048	1.00	0.92
CK3BA	042	0.99	0.96
	048	1.00	0.96
CK5A/CK5BA	042	0.99	0.94
	048	0.99	0.94
CK5A/CK5BT	042	0.99	0.96
	048	1.00	0.96
CK5PA	042	0.99	0.94
	048	0.99	0.94
CK5PT	042	0.99	0.96
	048	1.00	0.96
COILS + 58MVP100-20 VARIABLE-SPEED FURNACE			
CC5A/CD5AA	042	0.99	0.92
CC5A/CD5AC	048	0.98	0.91
CC5A/CD5AW	042	0.98	0.92
	048	1.00	0.92
CD5AA	048	1.00	0.92
CK3BA	042	1.01	0.94
	048	1.01	0.94
CK5A/CK5BA	042	1.01	0.92
	048	1.00	0.88
CK5A/CK5BT	042	1.01	0.94
	048	1.01	0.94
CK5PA	042	1.01	0.92
	048	1.00	0.88
CK5PT	042	1.01	0.94
	048	1.01	0.94
COILS + 58MVP120-20 VARIABLE-SPEED FURNACE			
CC5A/CD5AA	042	0.99	0.92
CC5A/CD5AC	048	0.98	0.91
CC5A/CD5AW	042	0.98	0.91
	048	1.00	0.91
CD5AA	048	1.00	0.91
CK5A/CK5BW	048	1.01	0.93
CK5PW	048	1.01	0.93

See notes on pg. 25.

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‡	
38YXA042-32, 33 Outdoor Section With FV4(A,B)NF003 Indoor Section																			
1225	72	48.5	24.4	2.95	46.4	23.6	3.32	44.1	22.8	3.72	41.7	21.9	4.17	39.0	21.0	4.65	36.1	20.0	5.17
	67	44.6	30.9	2.91	42.6	30.1	3.28	40.5	29.2	3.68	38.3	28.3	4.12	35.8	27.4	4.61	33.2	26.3	5.12
	63††	41.7	30.1	2.89	39.8	29.3	3.25	37.8	28.4	3.65	35.7	27.5	4.09	33.4	26.5	4.57	31.0	25.5	5.09
	62	41.0	37.2	2.88	39.2	36.3	3.24	37.3	35.3	3.65	35.3	34.3	4.09	33.2	33.0	4.57	31.1	31.1	5.09
	57	39.7	39.7	2.87	38.2	38.2	3.24	36.7	36.7	3.64	35.0	35.0	4.08	33.1	33.1	4.57	31.1	31.1	5.09
1400	72	49.4	25.6	2.99	47.1	24.8	3.36	44.8	23.9	3.77	42.2	23.1	4.22	39.5	22.1	4.70	36.5	21.1	5.22
	67	45.4	32.9	2.96	43.3	32.0	3.32	41.2	31.2	3.73	38.8	30.2	4.17	36.3	29.3	4.65	33.6	28.2	5.17
	63††	42.5	32.0	2.93	40.5	31.1	3.30	38.4	30.2	3.70	36.2	29.3	4.14	33.9	28.3	4.62	31.3	27.2	5.14
	62	41.9	39.7	2.93	40.0	38.7	3.29	38.2	37.6	3.70	36.2	36.2	4.14	34.2	34.2	4.62	32.0	32.0	5.15
	57	41.2	41.2	2.92	39.6	39.6	3.29	37.9	37.9	3.69	36.1	36.1	4.14	34.2	34.2	4.62	32.0	32.0	5.15
1575	72	50.0	26.7	3.04	47.7	25.9	3.41	45.3	25.1	3.81	42.7	24.2	4.26	39.9	23.2	4.74	36.8	22.2	5.26
	67	46.0	34.7	3.00	43.9	33.9	3.37	41.6	33.0	3.77	39.3	32.1	4.22	36.7	31.1	4.70	33.9	29.9	5.22
	63††	43.1	33.7	2.98	41.0	32.8	3.34	38.9	31.9	3.74	36.7	31.0	4.19	34.3	29.9	4.66	31.6	28.8	5.18
	62	42.7	41.9	2.97	40.9	40.7	3.34	39.0	39.0	3.74	37.1	37.1	4.19	35.1	35.1	4.68	32.8	32.8	5.20
	57	42.4	42.4	2.97	40.8	40.8	3.34	39.0	39.0	3.74	37.1	37.1	4.19	35.1	35.1	4.68	32.8	32.8	5.20

Multipliers for Determining the Performance With Other Indoor Sections.

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CC5A/CD5AC	048	0.96	1.04	**CD5AA**	048	0.99	0.97
CC5A/CD5AW	048	0.98	1.04		—	—	—
CD5AA	048	0.98	1.04	**CE3AA**	048	0.99	0.97
CE3AA	048	1.00	1.06	**CK3BA**	048	0.99	0.97
CF5AA	048	1.01	1.03	**CK5A/CK5BA**	048	0.99	0.97
CK3BA	048	0.99	1.05	**CK5A/CK5BT**	048	0.99	0.97
CK5A/CK5BA	048	0.99	1.05	**CK5A/CK5BW**	048	0.99	0.97
CK5A/CK5BE	042	0.96	1.03	**CK5PA**	048	0.99	0.97
CK5A/CK5BT	048	0.99	1.05	**CK5PT**	048	0.99	0.97
CK5A/CK5BW	048	0.99	1.05	**CK5PW**	048	0.99	0.97
CK5PA	048	0.99	1.05	**COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE**			
CK5PE	042	0.96	1.03	**CC5A/CD5AW**	048	0.99	0.97
CK5PT	048	0.99	1.05	**CD5AA**	048	0.99	0.97
CK5PW	048	0.99	1.05	**CE3AA**	048	1.00	0.99
F(A,B)4BN(F,B,C)	048	0.99	1.06	**CK3BA**	048	0.99	0.97
FC4CN(F,B)	048	1.00	1.07	**CK5A/CK5BA**	048	0.99	0.97
FE4ANF	003	1.00	1.00	**CK5A/CK5BT**	048	0.99	0.97
	005	1.01	0.96	**CK5A/CK5BW**	048	0.99	0.97
FK4DNF	003	1.00	0.99	**CK5PA**	048	0.99	0.97
	005	1.01	0.96	**CK5PT**	048	0.99	0.97
FV4BNF	003	1.00	1.00	**CK5PW**	048	0.99	0.97
	005	1.01	0.96	**COILS + 58MVP040-14 VARIABLE-SPEED FURNACE**			
FX4BNF	042	1.00	1.07	**CC5A/CD5AC**	048	0.96	1.00
	048	1.01	1.03	**CC5A/CD5AW**	048	0.98	0.99
COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE				**CD5AA**	048	0.98	1.00
CE3AA	048	0.99	0.99	**CK3BA**	048	0.99	1.00
CK3BA	048	0.99	0.98	**COILS + 58MVP060-14 VARIABLE-SPEED FURNACE**			
CK5A/CK5BA	048	0.99	0.98	**CC5A/CD5AC**	048	0.96	0.99
CK5A/CK5BT	048	0.99	0.98	**CD5AA**	048	0.98	0.99
CK5PA	048	0.99	0.98	**CK5A/CK5BE**	042	0.96	0.99
CK5PT	048	0.99	0.98	**CK5PE**	042	0.96	0.99
COILS + 58CV(A,X)110-22 VARIABLE-SPEED FURNACE				**COILS + 58MVP080-14 VARIABLE-SPEED FURNACE**			
CC5A/CD5AW	048	0.99	0.97	**CC5A/CD5AC**	048	0.96	1.00
CD5AA	048	0.99	0.97	**CC5A/CD5AW**	048	0.98	1.00
CE3AA	048	0.99	0.97	**CD5AA**	048	0.98	1.00
CK3BA	048	0.99	0.97	**CK5A/CK5BA**	048	0.99	1.00
CK5A/CK5BA	048	0.99	0.97	**CK5A/CK5BT**	048	0.99	1.00
CK5A/CK5BT	048	0.99	0.97	**CK5PA**	048	0.99	1.00
CK5A/CK5BW	048	0.99	0.97	**CK5PT**	048	0.99	1.00
CK5PA	048	0.99	0.97	**COILS + 58MVP080-20 VARIABLE-SPEED FURNACE**			
CK5PT	048	0.99	0.97	**CC5A/CD5AC**	048	0.96	0.99
CK5PW	048	0.99	0.97	**CC5A/CD5AW**	048	0.98	0.99
COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE				**CD5AA**	048	0.98	0.99
CC5A/CD5AW	048	0.99	0.97	**CK3BA**	048	0.99	1.01

See notes on pg. 25.

Detailed cooling capacities* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
CFM	EWB	Capacity MBtuh† Total	Capacity MBtuh† Sens‡	Total System kW**	Capacity MBtuh† Total	Capacity MBtuh† Sens‡	Total System kW**	Capacity MBtuh† Total	Capacity MBtuh† Sens‡	Total System kW**	Capacity MBtuh† Total	Capacity MBtuh† Sens‡	Total System kW**	Capacity MBtuh† Total	Capacity MBtuh† Sens‡	Total System kW**	Capacity MBtuh† Total	Capacity MBtuh† Sens‡	Total System kW**
38YXA042-32, 33 Outdoor Section With FV4(A,B)NF003 Indoor Section continued																			
1225	72	48.5	24.4	2.95	46.4	23.6	3.32	44.1	22.8	3.72	41.7	21.9	4.17	39.0	21.0	4.65	36.1	20.0	5.17
	67	44.6	30.9	2.91	42.6	30.1	3.28	40.5	29.2	3.68	38.3	28.3	4.12	35.8	27.4	4.61	33.2	26.3	5.12
	63††	41.7	30.1	2.89	39.8	29.3	3.25	37.8	28.4	3.65	35.7	27.5	4.09	33.4	26.5	4.57	31.0	25.5	5.09
	62	41.0	37.2	2.88	39.2	36.3	3.24	37.3	35.3	3.65	35.3	34.3	4.09	33.2	33.0	4.57	31.1	31.1	5.09
	57	39.7	39.7	2.87	38.2	38.2	3.24	36.7	36.7	3.64	35.0	35.0	4.08	33.1	33.1	4.57	31.1	31.1	5.09
1400	72	49.4	25.6	2.99	47.1	24.8	3.36	44.8	23.9	3.77	42.2	23.1	4.22	39.5	22.1	4.70	36.5	21.1	5.22
	67	45.4	32.9	2.96	43.3	32.0	3.32	41.2	31.2	3.73	38.8	30.2	4.17	36.3	29.3	4.65	33.6	28.2	5.17
	63††	42.5	32.0	2.93	40.5	31.1	3.30	38.4	30.2	3.70	36.2	29.3	4.14	33.9	28.3	4.62	31.3	27.2	5.14
	62	41.9	39.7	2.93	40.0	38.7	3.29	38.2	37.6	3.70	36.2	36.2	4.14	34.2	34.2	4.62	32.0	32.0	5.15
	57	41.2	41.2	2.92	39.6	39.6	3.29	37.9	37.9	3.69	36.1	36.1	4.14	34.2	34.2	4.62	32.0	32.0	5.15
1575	72	50.0	26.7	3.04	47.7	25.9	3.41	45.3	25.1	3.81	42.7	24.2	4.26	39.9	23.2	4.74	36.8	22.2	5.26
	67	46.0	34.7	3.00	43.9	33.9	3.37	41.6	33.0	3.77	39.3	32.1	4.22	36.7	31.1	4.70	33.9	29.9	5.22
	63††	43.1	33.7	2.98	41.0	32.8	3.34	38.9	31.9	3.74	36.7	31.0	4.19	34.3	29.9	4.66	31.6	28.8	5.18
	62	42.7	41.9	2.97	40.9	40.7	3.34	39.0	39.0	3.74	37.1	37.1	4.19	35.1	35.1	4.68	32.8	32.8	5.20
	57	42.4	42.4	2.97	40.8	40.8	3.34	39.0	39.0	3.74	37.1	37.1	4.19	35.1	35.1	4.68	32.8	32.8	5.20

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling Capacity	Cooling Power	Indoor Section	Size	Cooling Capacity	Cooling Power
CK5A/CK5BA	048	0.99	1.00	**CK5A/CK5BW**	048	0.99	1.01
CK5A/CK5BT	048	0.99	1.00	**CK5PA**	048	0.99	0.98
CK5PA	048	0.99	1.00	**CK5PT**	048	0.99	0.98
CK5PT	048	0.99	1.00	**CK5PW**	048	0.99	1.01
COILS + 58MVP100-20 VARIABLE-SPEED FURNACE				**COILS + 58MVP120-20 VARIABLE-SPEED FURNACE**			
CC5A/CD5AC	048	0.96	0.98	**CC5A/CD5AC**	048	0.96	0.98
CC5A/CD5AW	048	0.98	0.98	**CC5A/CD5AW**	048	0.99	0.98
CD5AA	048	0.98	0.98	**CD5AA**	048	0.98	0.98
CK3BA	048	0.99	0.98	**CK5A/CK5BW**	048	0.99	0.98
CK5A/CK5BA	048	0.99	0.98	**CK5PW**	048	0.99	0.98
CK5A/CK5BT	048	0.99	0.98		—	—	—

See notes on pg. 25.

Detailed cooling capacities* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																
		75			85			95			105			115			125		
CFM	EWB	Capacity MBtuh† Total	Capacity MBtuh† Sens‡	Total System kW**	Capacity MBtuh† Total	Capacity MBtuh† Sens‡	Total System kW**	Capacity MBtuh† Total	Capacity MBtuh† Sens‡	Total System kW**	Capacity MBtuh† Total	Capacity MBtuh† Sens‡	Total System kW**	Capacity MBtuh† Total	Capacity MBtuh† Sens‡	Total System kW**	Capacity MBtuh† Total	Capacity MBtuh† Sens‡	Total System kW**
38YXA048-32, 33, 34 Outdoor Section With FV4(A,B)NF005 Indoor Section																		
1400	72	54.7	27.7	3.20	52.2	26.8	3.56	49.6	25.9	3.96	46.9	24.9	4.41	43.9	23.9	4.90	40.7	22.8	5.43
	67	50.2	35.2	3.16	47.9	34.3	3.52	45.5	33.3	3.92	43.0	32.3	4.36	40.3	31.3	4.85	37.4	30.1	5.39
	63††	46.8	34.3	3.13	44.7	33.3	3.49	42.4	32.4	3.89	40.1	31.3	4.33	37.6	30.3	4.82	34.9	29.1	5.36
	62	46.1	42.5	3.12	44.0	41.5	3.48	42.0	40.5	3.88	39.7	39.3	4.33	37.5	37.5	4.82	35.2	35.2	5.37
	57	44.9	44.9	3.11	43.2	43.2	3.47	41.4	41.4	3.88	39.6	39.6	4.33	37.5	37.5	4.82	35.2	35.2	5.37
1600	72	55.6	29.1	3.26	53.0	28.1	3.62	50.3	27.2	4.02	47.4	26.2	4.47	44.4	25.2	4.96	41.1	24.1	5.49
	67	51.1	37.5	3.22	48.7	36.6	3.58	46.2	35.6	3.98	43.6	34.6	4.42	40.8	33.5	4.91	37.8	32.3	5.45
	63††	47.7	36.5	3.19	45.4	35.5	3.55	43.1	34.5	3.95	40.7	33.5	4.39	38.1	32.4	4.88	35.3	31.2	5.42
	62	47.1	45.5	3.18	45.1	44.4	3.54	42.9	42.9	3.95	41.0	41.0	4.39	38.8	38.8	4.89	36.3	36.3	5.43
	57	46.7	46.7	3.18	44.8	44.8	3.54	42.9	42.9	3.94	40.9	40.9	4.39	38.8	38.8	4.89	36.4	36.4	5.43
1800	72	56.3	30.4	3.32	53.6	29.4	3.68	50.8	28.5	4.08	47.9	27.5	4.53	44.8	26.5	5.01	41.4	25.4	5.55
	67	51.7	39.7	3.28	49.3	38.8	3.64	46.7	37.8	4.04	44.1	36.8	4.48	41.2	35.7	4.97	38.2	34.4	5.51
	63††	48.3	38.5	3.24	46.0	37.5	3.60	43.6	36.5	4.00	41.1	35.5	4.45	38.5	34.4	4.94	35.7	33.1	5.48
	62	48.2	48.1	3.24	46.2	46.2	3.61	44.2	44.2	4.01	42.1	42.1	4.46	39.8	39.8	4.95	37.3	37.3	5.50
	57	48.1	48.1	3.24	46.2	46.2	3.60	44.2	44.2	4.01	42.1	42.1	4.46	39.8	39.8	4.95	37.3	37.3	5.50

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling Capacity	Cooling Power	Indoor Section	Size	Cooling Capacity	Cooling Power
CC5A/CD5AA	060	0.98	1.07	**CK5PT**	060	0.98	0.98
CC5A/CD5AW	060	0.98	1.05	**CK5PX**	060	1.00	0.99
CD5PX	060	0.98	1.03	**COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE**			
CE3AA	060	1.00	1.07	**CC5A/CD5AW**	060	0.98	0.97
CK3BA	060	0.99	1.07	**CE3AA**	060	0.99	0.98
CK5A/CK5BA	060	0.99	1.07	**CK3BA**	060	0.98	0.97
CK5A/CK5BT	060	0.99	1.07	**CK5A/CK5BA**	060	0.98	0.97
CK5A/CK5BX	060	1.00	1.06	**CK5A/CK5BT**	060	0.98	0.97
CK5PA	060	0.99	1.07	**CK5A/CK5BX**	060	1.00	0.98
CK5PT	060	0.99	1.07	**CK5PA**	060	0.98	0.97
CK5PX	060	1.00	1.06	**CK5PT**	060	0.98	0.97
F(A,B)4BN(F,B,C)	060	0.98	1.11	**CK5PX**	060	1.00	0.98
FB4BNB	070	1.01	1.08	**COILS + 58MVP080-20 VARIABLE-SPEED FURNACE**			
FC4CN(F,B)	060	0.98	1.11	**CC5A/CD5AA**	060	0.95	1.00
FC4CNB	070	1.01	1.08	**CC5A/CD5AW**	048	0.95	1.00
FE4ANB	006	1.02	0.98	**CK3BA**	060	0.98	1.04
FE4ANF	005	1.00	1.00	**CK5A/CK5BA**	060	0.99	1.05
FK4DNB	006	1.02	0.98	**CK5A/CK5BT**	060	0.99	1.05
FK4DNF	005	1.00	1.00	**CK5A/CK5BX**	060	0.99	1.03
FV4BNB	006	1.02	0.98	**CK5PA**	060	0.99	1.05
FV4BNF	005	1.00	1.00	**CK5PT**	060	0.99	1.05
FX4BNB	060	1.00	1.06	**CK5PX**	060	0.99	1.03
FX4BNF	048	0.99	1.07	**COILS + 58MVP100-20 VARIABLE-SPEED FURNACE**			
COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE				**CC5A/CD5AA**	060	0.95	0.99
CE3AA	060	0.98	1.00	**CC5A/CD5AW**	048	0.95	1.00
COILS + 58CV(A,X)110-22 VARIABLE-SPEED FURNACE				**CD5PX**	060	0.98	1.00
CD5PX	060	0.99	0.98	**CK3BA**	060	0.99	1.02
CE3AA	060	0.99	0.99	**CK5A/CK5BA**	060	0.99	1.02
CK3BA	060	0.98	0.98	**CK5A/CK5BT**	060	0.99	1.02
CK5A/CK5BA	060	0.98	0.98	**CK5A/CK5BX**	060	1.00	1.01
CK5A/CK5BT	060	0.98	0.98	**CK5PA**	060	0.99	1.02
CK5A/CK5BX	060	1.00	0.98	**CK5PT**	060	0.99	1.02
CK5PA	060	0.98	0.98	**CK5PX**	060	1.00	1.01
CK5PT	060	0.98	0.98	**COILS + 58MVP120-20 VARIABLE-SPEED FURNACE**			
CK5PX	060	1.00	0.98	**CC5A/CD5AA**	060	0.95	0.99
COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE				**CC5A/CD5AW**	048	0.95	0.99
CC5A/CD5AW	060	0.98	0.98	**CK5A/CK5BA**	060	0.99	1.02
CE3AA	060	0.99	0.99	**CK5A/CK5BT**	060	0.99	1.02
CK3BA	060	0.98	0.98	**CK5A/CK5BX**	060	1.00	1.01
CK5A/CK5BA	060	0.98	0.98	**CK5PA**	060	0.99	1.02
CK5A/CK5BT	060	0.98	0.98	**CK5PT**	060	0.99	1.02
CK5A/CK5BX	060	1.00	0.99	**CK5PX**	060	1.00	1.01
CK5PA	060	0.98	0.98		—	—	—

See notes on pg. 25.

Detailed cooling capacities* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
CFM	EWB	Capacity MBtuh† Total	Capacity MBtuh† Sens‡	Total System kW**	Capacity MBtuh† Total	Capacity MBtuh† Sens‡	Total System kW**	Capacity MBtuh† Total	Capacity MBtuh† Sens‡	Total System kW**	Capacity MBtuh† Total	Capacity MBtuh† Sens‡	Total System kW**	Capacity MBtuh† Total	Capacity MBtuh† Sens‡	Total System kW**	Capacity MBtuh† Total	Capacity MBtuh† Sens‡	Total System kW**
38YXA060-32, 33 Outdoor Section With FV4(A,B)NB006 Indoor Section																			
1750	72	70.1	35.6	4.43	66.6	34.4	4.92	63.1	33.1	5.47	59.2	31.7	6.07	55.0	30.3	6.73	50.2	28.7	7.42
	67	64.4	45.5	4.35	61.3	44.2	4.85	58.0	42.9	5.40	54.5	41.5	6.00	50.6	40.0	6.65	46.4	38.4	7.35
	63††	60.2	44.3	4.30	57.2	43.0	4.79	54.2	41.7	5.34	50.9	40.3	5.94	47.3	38.8	6.60	43.4	37.1	7.30
	62	59.2	55.1	4.29	56.4	53.7	4.78	53.5	52.3	5.33	50.5	50.4	5.93	47.5	47.5	6.60	44.2	44.2	7.32
	57	57.8	57.8	4.27	55.6	55.6	4.77	53.1	53.1	5.32	50.5	50.5	5.93	47.5	47.5	6.60	44.2	44.2	7.32
2000	72	71.1	37.4	4.52	67.6	36.1	5.02	63.9	34.8	5.57	59.8	33.4	6.16	55.5	32.0	6.81	50.6	30.4	7.51
	67	65.5	48.5	4.44	62.2	47.2	4.94	58.8	45.9	5.49	55.1	44.4	6.09	51.1	42.9	6.74	46.8	41.2	7.44
	63††	61.2	47.1	4.39	58.1	45.8	4.88	54.9	44.4	5.43	51.6	43.0	6.03	47.9	41.5	6.68	43.8	39.7	7.39
	62	60.5	59.0	4.38	57.7	57.4	4.88	54.9	54.9	5.43	52.1	52.1	6.04	48.9	48.9	6.70	45.3	45.3	7.42
	57	60.1	60.1	4.38	57.6	57.6	4.88	54.9	54.9	5.43	52.1	52.1	6.04	49.0	49.0	6.70	45.4	45.4	7.42
2250	72	72.0	39.1	4.61	68.3	37.8	5.10	64.4	36.5	5.65	60.4	35.1	6.25	55.9	33.7	6.90	50.8	32.0	7.59
	67	66.2	51.4	4.53	62.9	50.1	5.03	59.4	48.7	5.57	55.6	47.3	6.17	51.7	45.7	6.83	47.1	43.9	7.53
	63††	61.9	49.8	4.48	58.8	48.5	4.97	55.6	47.1	5.52	52.1	45.6	6.12	48.3	44.0	6.77	44.1	42.1	7.48
	62	61.8	61.8	4.48	59.2	59.2	4.98	56.5	56.5	5.53	53.5	53.5	6.14	50.2	50.2	6.80	46.4	46.4	7.51
	57	61.8	61.8	4.48	59.2	59.2	4.98	56.4	56.4	5.53	53.4	53.4	6.14	50.2	50.2	6.80	46.4	46.4	7.51

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling Capacity	Cooling Power	Indoor Section	Size	Cooling Capacity	Cooling Power
CC5A/CD5AW	060	0.97	0.99	**COILS + 58CV(A,X)110-22 VARIABLE-SPEED FURNACE**			
CD5PX	060	0.97	1.02	**CD5PX**	060	0.97	1.00
CK5A/CK5BX	060	0.97	0.99	**COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE**			
CK5PX	060	0.97	0.99	**CC5A/CD5AW**	060	0.97	0.98
FB4BNB	070	0.98	1.04	**COILS + 58MVP080-20 VARIABLE-SPEED FURNACE**			
FC4CNB	070	0.98	1.04	**CD5PX**	060	0.96	1.04
FE4ANB	006	1.00	1.00	**COILS + 58MVP100-20 VARIABLE-SPEED FURNACE**			
FK4DNB	006	1.00	1.00	**CD5PX**	060	0.97	1.03
FV4BNB	006	1.00	1.00	**COILS + 58MVP120-20 VARIABLE-SPEED FURNACE**			
FX4BNB	060	0.98	1.04	**CD5PX**	060	0.95	1.00

NOTE: When the required data fall 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		
		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
EDB	CFM	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†
38YXA024-32, 33 Outdoor Section With FX4(A,B)NF030 Indoor Section																									
65	700	11.1	10.2	1.77	13.5	12.4	1.86	16.0	14.6	1.94	18.6	16.5	2.04	21.6	19.7	2.16	25.0	25.0	2.30	28.9	28.9	2.49	33.2	33.2	2.73
	800	11.3	10.4	1.78	13.7	12.6	1.86	16.2	14.7	1.94	18.8	16.7	2.02	21.9	19.9	2.14	25.4	25.4	2.27	29.3	29.3	2.45	33.8	33.8	2.68
	900	11.5	10.6	1.80	13.9	12.8	1.87	16.4	14.9	1.94	19.0	16.9	2.02	22.2	20.2	2.13	25.7	25.7	2.26	29.6	29.6	2.43	34.0	34.0	2.61
70	700	10.8	9.95	1.85	13.3	12.2	1.94	15.7	14.3	2.04	18.3	16.2	2.14	21.3	19.4	2.26	24.6	24.6	2.42	28.4	28.4	2.61	32.6	32.6	2.86
	800	11.0	10.1	1.86	13.5	12.4	1.95	16.6	15.1	2.04	18.5	16.5	2.12	21.6	19.6	2.24	25.0	25.0	2.38	28.8	28.8	2.56	33.2	33.2	2.80
	900	11.2	10.3	1.88	13.7	12.6	1.96	16.1	14.7	2.04	18.7	16.6	2.12	21.8	19.9	2.23	25.3	25.3	2.36	29.2	29.2	2.54	33.6	33.6	2.77
75	700	10.5	9.63	1.93	13.0	12.0	2.03	15.5	14.1	2.14	18.0	16.0	2.24	21.0	19.1	2.37	24.3	24.3	2.53	27.9	27.9	2.73	32.0	32.0	2.98
	800	10.7	9.82	1.94	13.2	12.2	2.04	15.7	14.3	2.13	18.3	16.2	2.23	21.2	19.3	2.35	24.6	24.6	2.49	28.4	28.4	2.68	32.6	32.6	2.92
	900	10.9	10.0	1.96	13.4	12.4	2.05	15.9	14.5	2.13	18.5	16.4	2.22	21.5	19.6	2.33	24.9	24.9	2.47	28.7	28.7	2.65	33.0	33.0	2.89

Multipliers for Determining the Performance With Other Indoor Sections.

Indoor Section	Size	Heating		Indoor Section	Size	Heating	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	036	0.99	0.99	**CK5PW**	030	0.96	0.97
CC5A/CD5AW	030	0.98	1.05	**COILS + 58MVP040-14 VARIABLE-SPEED FURNACE**			
	036	0.99	1.00	**CC5A/CD5AW**	036	0.96	0.96
CE3AA	036	0.98	1.01	**COILS + 58MVP060-14 VARIABLE-SPEED FURNACE**			
CF5AA	036	0.99	1.02	**CC5A/CD5AA**	030	0.94	1.01
CK3BA	036	0.99	0.98		036	0.96	0.97
CK5A/CK5BA	036	0.99	0.98	**CC5A/CD5AW**	030	0.93	1.00
CK5A/CK5BT	036	0.99	0.98		036	0.96	0.96
CK5A/CK5BW	036	0.99	0.98	**CK3BA**	036	0.98	0.93
CK5PA	036	0.99	0.98	**CK5A/CK5BA**	036	0.98	0.93
CK5PT	036	0.99	0.98	**CK5A/CK5BT**	036	0.98	0.93
CK5PW	036	0.99	0.98	**CK5PA**	036	0.98	0.93
F(A,B)4BN(F,C)	030	0.98	1.01	**CK5PT**	036	0.98	0.93
FC4CNF	030	0.98	1.01	**COILS + 58MVP080-14 VARIABLE-SPEED FURNACE**			
FE4ANF	002	1.01	0.97	**CC5A/CD5AA**	036	0.96	0.96
	003	1.00	0.96	**CC5A/CD5AW**	030	0.93	1.00
FK4DNF	001	0.95	0.95		036	0.96	0.96
	002	1.00	0.92	**CK5A/CK5BW**	036	0.97	0.91
	003	1.01	0.94	**CK5PW**	036	0.97	0.91
FV4BNF	002	1.01	0.97	**COILS + 58MVP080-20 VARIABLE-SPEED FURNACE**			
	003	1.00	0.96	**CC5A/CD5AA**	036	0.96	0.96
FX4BNF	030	1.00	1.00	**CC5A/CD5AW**	030	0.93	1.00
COILS + 58CV(A,X)070-12 VARIABLE-SPEED FURNACE					036	0.96	0.96
CC5A/CD5AA	030	0.93	0.98	**COILS + 58MVP100-20 VARIABLE-SPEED FURNACE**			
	036	0.96	0.95	**CC5A/CD5AA**	036	0.96	0.96
CC5A/CD5AW	030	0.93	0.98	**CC5A/CD5AW**	030	0.93	0.99
CK3BA	030	0.94	0.94		036	0.96	0.96
CK5A/CK5BW	030	0.94	0.94	**CK5A/CK5BW**	036	0.99	0.91
CK5PA	030	0.96	0.97	**CK5PW**	036	0.99	0.91
	036	0.99	0.96	**COILS + 58MVP120-20 VARIABLE-SPEED FURNACE**			
CK5PT	036	0.99	0.96	**CC5A/CD5AW**	036	0.96	0.97

See notes on pg. 33.

Heat pump heating performance continued

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES °F																							
		–3			7			17			27			37			47			57			67		
		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
EDB	CFM	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†
38YXA030-32, 33 Outdoor Section With FX4(A,B)NF030 Indoor Section																									
65	825	12.2	11.2	2.05	15.2	14.0	2.11	18.3	16.7	2.17	21.7	19.2	2.23	25.5	23.2	2.30	29.7	29.7	2.40	34.5	34.5	2.51	40.1	40.1	2.68
	1050	12.6	11.6	2.09	15.7	14.4	2.13	18.7	17.1	2.17	22.1	19.7	2.22	26.0	23.7	2.28	30.4	30.4	2.35	35.4	35.4	2.46	41.2	41.2	2.60
	1250	12.9	11.9	2.13	16.0	14.7	2.16	19.1	17.4	2.20	22.5	20.0	2.23	26.5	24.1	2.28	30.9	30.9	2.35	36.0	36.0	2.44	41.6	41.6	2.54
70	825	11.8	10.9	2.15	14.9	13.7	2.21	18.1	16.5	2.28	21.4	19.0	2.34	25.1	22.8	2.42	29.3	29.3	2.52	34.1	34.1	2.64	39.5	39.5	2.81
	1050	12.2	11.2	2.18	15.3	14.1	2.23	18.5	16.9	2.28	21.8	19.4	2.33	25.7	23.3	2.39	30.0	30.0	2.47	34.8	34.8	2.57	40.5	40.5	2.72
	1250	12.5	11.5	2.23	15.7	14.4	2.26	18.8	17.2	2.30	22.2	19.7	2.34	26.1	23.7	2.39	30.5	30.5	2.46	35.4	35.4	2.55	41.3	41.3	2.69
75	825	11.4	10.5	2.24	14.5	13.3	2.31	17.8	16.2	2.39	21.1	18.7	2.46	24.8	22.5	2.54	28.9	28.9	2.64	33.6	33.6	2.77	38.8	38.8	2.94
	1050	11.8	10.8	2.28	14.9	13.7	2.33	18.2	16.6	2.39	21.6	19.1	2.44	25.3	23.0	2.51	29.6	29.6	2.59	34.4	34.4	2.70	39.9	39.9	2.85
	1250	12.1	11.1	2.32	15.3	14.1	2.36	18.6	16.9	2.41	21.9	19.5	2.45	25.7	23.4	2.51	30.1	30.1	2.58	35.0	35.0	2.67	40.6	40.6	2.81

Multipliers for Determining the Performance With Other Indoor Sections.

Indoor Section	Size	Heating		Indoor Section	Size	Heating	
		Capacity	Power			Capacity	Power
CE3AA	036	0.97	1.01	**CK5PA**	036	0.97	0.95
CF5AA	036	0.98	0.99	**CK5PT**	036	0.97	0.95
CK3BA	036	0.98	0.98	**CK5PW**	036	0.97	0.95
CK5A/CK5BW	036	0.98	0.98	**COILS + 58MVP040-14 VARIABLE-SPEED FURNACE**			
CK5PW	036	0.98	0.98	**CC5A/CD5AW**	036	0.96	0.98
F(A,B)4BN(F,C)	030	0.98	1.02	**COILS + 58MVP060-14 VARIABLE-SPEED FURNACE**			
	036	0.99	1.03	**CC5A/CD5AA**	036	0.95	0.97
FC4CNF	030	0.98	1.02	**CC5A/CD5AW**	036	0.95	0.98
	036	0.99	1.03	**CK3BA**	036	0.97	0.94
FE4ANF	002	0.97	0.94	**CK5A/CK5BA**	036	0.97	0.94
	003	0.95	0.92	**CK5A/CK5BT**	036	0.97	0.94
FK4DNF	001	0.95	0.96	**CK5PA**	036	0.97	0.94
	002	0.97	0.94	**CK5PT**	036	0.97	0.94
	003	0.95	0.92	**COILS + 58MVP080-14 VARIABLE-SPEED FURNACE**			
FV4BNF	002	0.97	0.94	**CC5A/CD5AA**	036	0.96	0.98
	003	0.95	0.92	**CC5A/CD5AW**	036	0.96	0.98
FX4BNF	030	1.00	1.00	**CK5A/CK5BW**	036	0.97	0.94
	036	1.00	1.01	**CK5PW**	036	0.97	0.94
COILS + 58CV(A,X)070-12 VARIABLE-SPEED FURNACE				**COILS + 58MVP080-20 VARIABLE-SPEED FURNACE**			
CC5A/CD5AA	036	0.95	0.96	**CC5A/CD5AA**	036	0.96	0.98
CK3BA	036	0.97	0.95	**CC5A/CD5AW**	036	0.95	0.97
CK5A/CK5BA	036	0.97	0.95	**CK5A/CK5BW**	036	0.97	0.94
CK5A/CK5BT	036	0.97	0.95	**CK5PW**	036	0.97	0.94
CK5PA	036	0.97	0.95	**COILS + 58MVP100-20 VARIABLE-SPEED FURNACE**			
CK5PT	036	0.97	0.95	**CC5A/CD5AA**	036	0.95	0.97
COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE				**CC5A/CD5AW**	036	0.95	0.97
CC5A/CD5AA	036	0.95	0.95	**CK5A/CK5BW**	036	0.96	0.91
CC5A/CD5AW	036	0.95	0.95	**CK5PW**	036	0.96	0.91
CK3BA	036	0.97	0.95	**COILS + 58MVP120-20 VARIABLE-SPEED FURNACE**			
CK5A/CK5BA	036	0.97	0.95	**CC5A/CD5AW**	036	0.95	0.98
CK5A/CK5BW	036	0.97	0.95				

See notes on pg. 33.

Heat pump heating performance continued

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES °F																							
		–3			7			17			27			37			47			57			67		
		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
EDB	CFM	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†
38YXA036-32, 33 Outdoor Section With FX4(A,B)NF042 Indoor Section																									
65	1050	15.3	14.1	2.32	19.0	17.5	2.43	22.8	20.8	2.55	26.9	23.9	2.68	31.5	28.7	2.83	36.8	36.8	3.00	43.1	43.1	3.23	50.4	50.4	3.52
	1275	15.8	14.5	2.37	19.5	17.9	2.47	23.3	21.2	2.57	27.4	24.4	2.69	32.1	29.2	2.82	37.5	37.5	2.98	44.0	44.0	3.18	51.1	51.1	3.40
	1500	16.2	14.9	2.43	19.9	18.3	2.52	23.7	21.6	2.62	27.9	24.8	2.72	32.6	29.7	2.84	38.2	38.2	2.99	44.8	44.8	3.19	51.1	51.1	3.36
70	1050	14.9	13.7	2.42	18.6	17.1	2.54	22.5	20.6	2.68	26.6	23.6	2.82	31.1	28.3	2.97	36.3	36.3	3.15	42.4	42.4	3.38	49.6	49.6	3.68
	1275	15.3	14.1	2.47	19.1	17.6	2.58	23.0	21.0	2.70	27.1	24.1	2.82	31.7	28.8	2.96	37.0	37.0	3.12	43.3	43.3	3.33	50.5	50.5	3.57
	1500	15.7	14.5	2.53	19.6	18.0	2.63	23.4	21.3	2.74	27.5	24.5	2.85	32.2	29.3	2.98	37.6	37.6	3.13	44.1	44.1	3.33	50.9	50.9	3.54
75	1050	14.4	13.2	2.53	18.2	16.7	2.66	22.2	20.3	2.81	26.2	23.3	2.96	30.7	28.0	3.12	35.8	35.8	3.31	41.7	41.7	3.55	48.8	48.8	3.86
	1275	14.9	13.7	2.58	18.7	17.2	2.70	22.7	20.7	2.83	26.8	23.8	2.96	31.3	28.5	3.10	36.5	36.5	3.27	42.7	42.7	3.49	49.9	49.9	3.77
	1500	15.3	14.0	2.64	19.1	17.6	2.75	23.1	21.1	2.87	27.2	24.2	2.99	31.8	29.0	3.12	37.1	37.1	3.28	43.4	43.4	3.48	50.3	50.3	3.71

Multipliers for Determining the Performance With Other Indoor Sections.

Indoor Section	Size	Heating		Indoor Section	Size	Heating	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	042	0.99	1.05	**CK5PA**	042	0.98	0.97
CC5A/CD5AC	048	0.98	1.03		048	0.98	0.95
CC5A/CD5AW	042	0.99	1.04	**CK5PE**	042	0.98	0.95
	048	0.97	0.97	**CK5PT**	042	0.98	0.97
CD5AA	048	0.99	1.03		048	0.98	0.95
CE3AA	042	0.99	1.02	**COILS + 58CV(A,X)110-22 VARIABLE-SPEED FURNACE**			
	048	0.99	1.00	**CD5AA**	048	0.96	0.94
CF5AA	048	0.98	1.01	**CE3AA**	048	0.98	0.96
CK3BA	042	0.93	1.02	**CK3BA**	042	0.97	0.96
	048	1.00	1.01		048	0.98	0.94
CK5A/CK5BA	042	0.99	1.02	**CK5A/CK5BA**	042	0.97	0.96
	048	1.00	1.01		048	0.98	0.94
CK5A/CK5BE	042	0.92	1.05	**CK5A/CK5BT**	042	0.97	0.96
CK5A/CK5BT	042	0.99	1.02		048	0.98	0.94
	048	1.00	1.01	**CK5A/CK5BW**	048	0.98	0.94
CK5A/CK5BW	048	1.00	1.01	**CK5PA**	042	0.97	0.96
CK5PA	042	0.99	1.02		048	0.98	0.95
	048	1.00	1.01	**CK5PT**	042	0.97	0.96
CK5PE	042	0.92	1.05		048	0.98	0.94
CK5PT	042	0.99	1.02	**CK5PW**	048	0.98	0.94
	048	1.00	1.01	**COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE**			
CK5PW	048	1.00	1.01	**CC5A/CD5AW**	048	0.96	0.94
F(A,B)4BN(F,B,C)	042	1.00	1.03	**CD5AA**	048	0.96	0.94
FC4CN(F,B)	042	1.00	1.03	**CE3AA**	048	0.98	0.96
FE4ANF	002	0.91	0.98	**CK3BA**	042	0.97	0.96
	003	0.96	0.97		048	0.98	0.95
	005	0.95	0.89	**CK5A/CK5BA**	042	0.98	0.96
FK4DNF	003	0.96	0.97		048	0.98	0.95
	005	0.95	0.89	**CK5A/CK5BT**	042	0.97	0.96
FV4BNF	002	0.91	0.98		048	0.98	0.95
	003	0.96	0.97	**CK5A/CK5BW**	048	0.98	0.95
	005	0.95	0.89	**CK5PA**	042	0.97	0.96
FX4BNF	042	1.00	1.00		048	0.98	0.95
COILS + 58CV(A,X)070-12 VARIABLE-SPEED FURNACE				**CK5PT**	042	0.98	0.96
CK5A/CK5BE	042	0.98	0.97		048	0.98	0.95
CK5PE	042	0.98	0.97	**COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE**			
COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE				**CC5A/CD5AW**	042	0.96	0.98
CE3AA	048	0.98	0.97		048	0.96	0.94
CK3BA	042	0.98	0.97	**CD5AA**	048	0.95	0.94
	048	0.98	0.95	**CE3AA**	048	0.97	0.96
CK5A/CK5BA	042	0.98	0.97	**CK3BA**	042	0.97	0.96
	048	0.98	0.95		048	0.98	0.94
CK5A/CK5BE	042	0.98	0.96	**CK5A/CK5BA**	042	0.97	0.96
CK5A/CK5BT	042	0.98	0.97		048	0.98	0.94
	048	0.98	0.95	**CK5A/CK5BT**	042	0.97	0.96
	—	—	—		048	0.98	0.94

See notes on pg. 33.

Heat pump heating performance continued

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES °F																							
		–3			7			17			27			37			47			57			67		
		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
EDB	CFM	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†
38YXA036-32, 33 Outdoor Section With FX4(A,B)NF042 Indoor Section continued																									
65	1050	15.3	14.1	2.32	19.0	17.5	2.43	22.8	20.8	2.55	26.9	23.9	2.68	31.5	28.7	2.83	36.8	36.8	3.00	43.1	43.1	3.23	50.4	50.4	3.52
	1275	15.8	14.5	2.37	19.5	17.9	2.47	23.3	21.2	2.57	27.4	24.4	2.69	32.1	29.2	2.82	37.5	37.5	2.98	44.0	44.0	3.18	51.1	51.1	3.40
	1500	16.2	14.9	2.43	19.9	18.3	2.52	23.7	21.6	2.62	27.9	24.8	2.72	32.6	29.7	2.84	38.2	38.2	2.99	44.8	44.8	3.19	51.1	51.1	3.36
70	1050	14.9	13.7	2.42	18.6	17.1	2.54	22.5	20.6	2.68	26.6	23.6	2.82	31.1	28.3	2.97	36.3	36.3	3.15	42.4	42.4	3.38	49.6	49.6	3.68
	1275	15.3	14.1	2.47	19.1	17.6	2.58	23.0	21.0	2.70	27.1	24.1	2.82	31.7	28.8	2.96	37.0	37.0	3.12	43.3	43.3	3.33	50.5	50.5	3.57
	1500	15.7	14.5	2.53	19.6	18.0	2.63	23.4	21.3	2.74	27.5	24.5	2.85	32.2	29.3	2.98	37.6	37.6	3.13	44.1	44.1	3.33	50.9	50.9	3.54
75	1050	14.4	13.2	2.53	18.2	16.7	2.66	22.2	20.3	2.81	26.2	23.3	2.96	30.7	28.0	3.12	35.8	35.8	3.31	41.7	41.7	3.55	48.8	48.8	3.86
	1275	14.9	13.7	2.58	18.7	17.2	2.70	22.7	20.7	2.83	26.8	23.8	2.96	31.3	28.5	3.10	36.5	36.5	3.27	42.7	42.7	3.49	49.9	49.9	3.77
	1500	15.3	14.0	2.64	19.1	17.6	2.75	23.1	21.1	2.87	27.2	24.2	2.99	31.8	29.0	3.12	37.1	37.1	3.28	43.4	43.4	3.48	50.3	50.3	3.71

Multipliers for Determining the Performance With Other Indoor Sections.

Indoor Section	Size	Heating		Indoor Section	Size	Heating	
		Capacity	Power			Capacity	Power
CK5PW	048	0.98	0.95	**CK5PT**	042	0.92	0.97
CK5A/CK5BW	048	0.98	0.94		048	0.92	0.94
CK5PA	042	0.97	0.96	**COILS + 58MVP080-20 VARIABLE-SPEED FURNACE**			
	048	0.98	0.94	**CC5A/CD5AA**	042	0.96	0.97
CK5PT	042	0.97	0.95	**CC5A/CD5AC**	048	0.95	0.99
	048	0.98	0.94	**CC5A/CD5AW**	042	0.95	0.99
CK5PW	048	0.98	0.94		048	0.97	0.95
COILS + 58MVP040-14 VARIABLE-SPEED FURNACE				**CD5AA**	048	0.96	0.94
CC5A/CD5AA	042	0.96	0.98	**CK3BA**	042	0.92	0.98
CC5A/CD5AC	048	0.95	1.00		048	0.93	0.97
CC5A/CD5AW	042	0.95	0.99	**CK5A/CK5BA**	042	1.00	1.01
	048	0.97	0.96		048	1.01	1.00
CD5AA	048	0.96	0.94	**CK5A/CK5BT**	042	0.92	0.98
CK5A/CK5BA	042	0.97	1.00		048	0.93	0.97
CK5A/CK5BT	042	0.92	0.98	**CK5PA**	042	1.00	1.01
CK5A/CK5BW	048	0.93	0.96		048	1.01	1.00
CK5PA	042	0.97	1.00	**CK5PT**	042	0.92	0.98
CK5PT	042	0.92	0.98		048	0.93	0.97
CK5PW	048	0.93	0.96	**COILS + 58MVP100-20 VARIABLE-SPEED FURNACE**			
COILS + 58MVP060-14 VARIABLE-SPEED FURNACE				**CC5A/CD5AA**	042	0.96	0.97
CC5A/CD5AA	042	0.96	0.97	**CC5A/CD5AC**	048	0.95	0.99
CC5A/CD5AC	048	0.95	0.99	**CC5A/CD5AW**	042	0.95	0.98
CD5AA	048	0.95	0.93		048	0.96	0.94
CK3BA	042	0.92	0.98	**CD5AA**	048	0.96	0.93
CK5A/CK5BE	042	0.91	0.96	**CK3BA**	042	0.92	0.95
CK5PE	042	0.91	0.96		048	0.92	0.95
COILS + 58MVP080-14 VARIABLE-SPEED FURNACE				**CK5A/CK5BA**	042	0.99	0.98
CC5A/CD5AA	042	0.96	0.98		048	0.97	0.95
CC5A/CD5AC	048	0.95	1.00	**CK5A/CK5BT**	042	0.92	0.95
CC5A/CD5AW	042	0.95	0.99		048	0.92	0.95
	048	0.97	0.96	**CK5PA**	042	0.99	0.98
CD5AA	048	0.96	0.95		048	0.97	0.95
CK3BA	042	0.92	0.97	**CK5PT**	042	0.92	0.95
	048	0.92	0.94		048	0.92	0.95
CK5A/CK5BA	042	0.99	1.00	**COILS + 58MVP120-20 VARIABLE-SPEED FURNACE**			
	048	0.98	0.99	**CC5A/CD5AA**	042	0.96	0.96
CK5A/CK5BT	042	0.92	0.97	**CC5A/CD5AC**	048	0.95	0.99
	048	0.92	0.94	**CC5A/CD5AW**	042	0.95	0.98
CK5PA	042	0.99	1.00		048	0.95	0.93
	048	0.98	0.99	**CD5AA**	048	0.95	0.93
	—	—	—	**CK5A/CK5BW**	048	0.92	0.93
				CK5PW	048	0.92	0.93

See notes on pg. 33.

Heat pump heating performance continued

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES °F																							
		–3			7			17			27			37			47			57			67		
		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
EDB	CFM	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†
38YXA042-32, 33 Outdoor Section With FV4(A,B)NF003 Indoor Section																									
65	1225	17.3	15.9	2.61	21.5	19.7	2.74	25.6	23.4	2.86	30.0	26.6	2.99	35.1	32.0	3.15	41.1	41.1	3.35	48.2	48.2	3.61	56.4	56.4	3.96
	1400	17.6	16.1	2.61	21.7	20.0	2.73	25.9	23.6	2.84	30.2	26.9	2.95	35.5	32.3	3.09	41.6	41.6	3.28	48.8	48.8	3.53	57.2	57.2	3.86
	1575	17.8	16.4	2.62	21.9	20.2	2.73	26.1	23.8	2.83	30.5	27.1	2.93	35.8	32.6	3.06	42.0	42.0	3.24	49.4	49.40	3.47	57.1	57.1	3.72
70	1225	16.8	15.4	2.74	21.1	19.4	2.88	25.4	23.1	3.03	29.6	26.3	3.16	34.7	31.6	3.33	40.5	40.5	3.53	47.5	47.5	3.81	55.5	55.5	4.17
	1400	17.1	15.7	2.74	21.3	19.6	2.87	25.6	23.3	3.00	29.9	26.6	3.12	35.0	31.9	3.27	41.0	41.0	3.46	48.1	48.1	3.72	56.3	56.3	4.06
	1575	17.3	15.9	2.75	21.6	19.8	2.87	25.8	23.5	2.99	30.2	26.8	3.10	35.3	32.2	3.24	41.4	41.4	3.41	48.6	48.6	3.66	56.9	56.9	4.00
75	1225	16.2	14.9	2.88	20.6	18.9	3.03	25.1	22.8	3.19	29.3	26.0	3.34	34.3	31.2	3.51	39.9	39.9	3.73	46.7	46.7	4.01	54.6	54.6	4.39
	1400	16.5	15.2	2.88	20.9	19.2	3.02	25.3	23.1	3.17	29.6	26.3	3.30	34.6	31.5	3.46	40.4	40.4	3.65	47.3	47.3	3.91	55.4	55.4	4.27
	1575	16.7	15.4	2.89	21.1	19.4	3.02	25.5	23.3	3.15	29.8	26.5	3.27	34.9	31.7	3.42	40.8	40.8	3.60	47.8	47.8	3.85	56.0	56.0	4.20

Multipliers for Determining the Performance With Other Indoor Sections.

Indoor Section	Size	Heating		Indoor Section	Size	Heating	
		Capacity	Power			Capacity	Power
CC5A/CD5AC	048	1.00	1.11	**COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE**			
CC5A/CD5AW	048	1.01	1.07	**CC5A/CD5AW**	048	1.00	1.02
CD5AA	048	1.01	1.07	**CD5AA**	048	1.00	1.01
CE3AA	048	1.02	1.04	**CE3AA**	048	1.00	1.00
CF5AA	048	1.00	0.98	**CK3BA**	048	1.00	0.98
CK3BA	048	1.02	1.03	**CK5A/CK5BA**	048	1.00	0.98
CK5A/CK5BA	048	1.02	1.03	**CK5A/CK5BT**	048	1.00	0.98
CK5A/CK5BE	042	1.01	1.07	**CK5A/CK5BW**	048	1.00	0.98
CK5A/CK5BT	048	1.02	1.03	**CK5PA**	048	1.00	0.98
CK5A/CK5BW	048	1.02	1.03	**CK5PT**	048	1.01	0.99
CK5PA	048	1.02	1.03	**CK5PW**	048	1.00	0.98
CK5PE	042	1.01	1.07	**COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE**			
CK5PT	048	1.02	1.03	**CC5A/CD5AW**	048	1.00	1.01
CK5PW	048	1.02	1.03	**CD5AA**	048	1.00	1.01
F(A,B)4BN(F,B,C)	048	1.02	1.03	**CE3AA**	048	1.00	1.00
FC4CN(F,B)	048	1.02	1.02	**CK3BA**	048	1.00	0.98
FE4ANF	003	1.00	1.00	**CK5A/CK5BA**	048	1.00	0.98
	005	0.99	0.93	**CK5A/CK5BT**	048	1.00	0.98
FK4DNF	003	0.99	1.00	**CK5A/CK5BW**	048	1.00	0.98
	005	0.99	0.93	**CK5PA**	048	1.00	0.98
FV4BNF	003	1.00	1.00	**CK5PT**	048	1.00	0.98
	005	0.99	0.93	**CK5PW**	048	1.00	0.98
FX4BNF	042	1.02	1.01	**COILS + 58MVP040-14 VARIABLE-SPEED FURNACE**			
	048	1.01	0.97	**CC5A/CD5AC**	048	0.99	1.09
COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE				**CC5A/CD5AW**	048	1.00	1.05
CE3AA	048	1.01	1.02	**CD5AA**	048	1.00	1.05
CK3BA	048	1.01	1.01	**CK3BA**	048	1.01	1.01
CK5A/CK5BA	048	1.01	1.01	**COILS + 58MVP060-14 VARIABLE-SPEED FURNACE**			
CK5A/CK5BT	048	1.01	1.01	**CC5A/CD5AC**	048	0.99	1.08
CK5PA	048	1.01	1.01	**CD5AA**	048	1.00	1.04
CK5PT	048	1.01	1.01	**CK5A/CK5BE**	042	0.99	1.07
COILS + 58CV(A,X)110-22 VARIABLE-SPEED FURNACE				**CK5PE**	042	0.99	1.07
CC5A/CD5AW	048	1.00	1.02	**COILS + 58MVP080-14 VARIABLE-SPEED FURNACE**			
CD5AA	048	1.00	1.01	**CC5A/CD5AC**	048	0.99	1.10
CE3AA	048	1.00	1.00	**CC5A/CD5AW**	048	1.00	1.05
CK3BA	048	1.00	0.98	**CD5AA**	048	1.00	1.05
CK5A/CK5BA	048	1.00	0.98	**CK5A/CK5BA**	048	1.00	1.01
CK5A/CK5BT	048	1.00	0.98	**CK5A/CK5BT**	048	1.00	1.01
CK5A/CK5BW	048	1.00	0.98	**CK5PA**	048	1.00	1.01
CK5PA	048	1.00	0.98	**CK5PT**	048	1.00	1.01
CK5PT	048	1.00	0.98	**COILS + 58MVP080-20 VARIABLE-SPEED FURNACE**			
CK5PW	048	1.00	0.98	**CC5A/CD5AC**	048	0.99	1.08
	—	—	—	**CC5A/CD5AW**	048	1.00	1.04

See notes on pg. 33.

Heat pump heating performance continued

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES °F																							
		–3			7			17			27			37			47			57			67		
		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
EDB	CFM	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†
38YXA042-32, 33 Outdoor Section With FV4(A,B)NF003 Indoor Section continued																									
65	1225	17.3	15.9	2.61	21.5	19.7	2.74	25.6	23.4	2.86	30.0	26.6	2.99	35.1	32.0	3.15	41.1	41.1	3.35	48.2	48.2	3.61	56.4	56.4	3.96
	1400	17.6	16.1	2.61	21.7	20.0	2.73	25.9	23.6	2.84	30.2	26.9	2.95	35.5	32.3	3.09	41.6	41.6	3.28	48.8	48.8	3.53	57.2	57.2	3.86
	1575	17.8	16.4	2.62	21.9	20.2	2.73	26.1	23.8	2.83	30.5	27.1	2.93	35.8	32.6	3.06	42.0	42.0	3.24	49.4	49.40	3.47	57.1	57.1	3.72
70	1225	16.8	15.4	2.74	21.1	19.4	2.88	25.4	23.1	3.03	29.6	26.3	3.16	34.7	31.6	3.33	40.5	40.5	3.53	47.5	47.5	3.81	55.5	55.5	4.17
	1400	17.1	15.7	2.74	21.3	19.6	2.87	25.6	23.3	3.00	29.9	26.6	3.12	35.0	31.9	3.27	41.0	41.0	3.46	48.1	48.1	3.72	56.3	56.3	4.06
	1575	17.3	15.9	2.75	21.6	19.8	2.87	25.8	23.5	2.99	30.2	26.8	3.10	35.3	32.2	3.24	41.4	41.4	3.41	48.6	48.6	3.66	56.9	56.9	4.00
75	1225	16.2	14.9	2.88	20.6	18.9	3.03	25.1	22.8	3.19	29.3	26.0	3.34	34.3	31.2	3.51	39.9	39.9	3.73	46.7	46.7	4.01	54.6	54.6	4.39
	1400	16.5	15.2	2.88	20.9	19.2	3.02	25.3	23.1	3.17	29.6	26.3	3.30	34.6	31.5	3.46	40.4	40.4	3.65	47.3	47.3	3.91	55.4	55.4	4.27
	1575	16.7	15.4	2.89	21.1	19.4	3.02	25.5	23.3	3.15	29.8	26.5	3.27	34.9	31.7	3.42	40.8	40.8	3.60	47.8	47.8	3.85	56.0	56.0	4.20

Multipliers for Determining the Performance With Other Indoor Sections.

Indoor Section	Size	Heating		Indoor Section	Size	Heating	
		Capacity	Power			Capacity	Power
CD5AA	048	1.00	1.04	**CK5A/CK5BT**	048	1.00	1.00
CK3BA	048	1.00	1.01	**CK5A/CK5BW**	048	1.00	1.01
CK5A/CK5BA	048	1.00	1.01	**CK5PA**	048	1.00	1.00
CK5A/CK5BT	048	1.00	1.01	**CK5PT**	048	1.00	1.00
CK5PA	048	1.00	1.01	**CK5PW**	048	1.00	1.01
CK5PT	048	1.00	1.01	**COILS + 58MVP120-20 VARIABLE-SPEED FURNACE**			
COILS + 58MVP100-20 VARIABLE-SPEED FURNACE				**CC5A/CD5AC**	048	0.99	1.08
CC5A/CD5AC	048	0.99	1.08	**CC5A/CD5AW**	048	1.00	1.04
CC5A/CD5AW	048	1.00	1.04	**CD5AA**	048	1.00	1.04
CD5AA	048	1.00	1.03	**CK5A/CK5BW**	048	1.00	1.00
CK3BA	048	1.00	1.00	**CK5PW**	048	1.00	1.00
CK5A/CK5BA	048	1.00	1.00		—	—	—

See notes on pg. 33.

Heat pump heating performance continued

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES °F																							
		–3			7			17			27			37			47			57			67		
		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
EDB	CFM	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†
38YXA048-32, 33, 34 Outdoor Section With FV4(A,B)NF005 Indoor Section																									
65	1400	18.3	16.9	2.85	23.0	21.1	2.98	27.8	25.4	3.11	33.5	29.7	3.27	40.2	36.6	3.46	48.1	48.1	3.70	57.7	57.7	4.01	68.4	68.4	4.34
	1600	18.6	17.1	2.86	23.2	21.3	2.98	28.1	25.6	3.10	33.8	30.0	3.24	40.6	37.0	3.42	48.7	48.7	3.64	58.5	58.5	3.94	68.9	68.9	4.23
	1800	18.8	17.3	2.88	23.4	21.5	2.99	28.3	25.8	3.10	34.1	30.3	3.23	41.0	37.3	3.40	49.2	49.2	3.61	59.1	59.1	3.91	68.8	68.8	4.15
70	1400	17.9	16.5	3.01	22.6	20.8	3.14	27.5	25.1	3.29	33.1	29.4	3.45	39.6	36.1	3.65	47.4	47.4	3.89	56.8	56.8	4.21	67.5	67.5	4.58
	1600	18.2	16.7	3.02	22.9	21.1	3.14	27.8	25.3	3.27	33.4	29.7	3.42	40.1	36.5	3.60	48.0	48.0	3.83	57.6	57.6	4.14	68.1	68.1	4.46
	1800	18.4	16.9	3.03	23.1	21.3	3.15	28.0	25.6	3.27	33.7	29.9	3.41	40.5	36.8	3.58	48.5	48.5	3.80	58.2	58.2	4.10	68.3	68.3	4.37
75	1400	17.5	16.1	3.17	22.3	20.5	3.31	27.3	24.9	3.48	32.7	29.0	3.64	39.1	35.6	3.85	46.7	46.7	4.10	55.9	55.9	4.43	66.9	66.9	4.87
	1600	17.8	16.4	3.18	22.5	20.7	3.31	27.5	25.1	3.45	33.0	29.3	3.61	39.6	36.0	3.79	47.3	47.3	4.03	56.7	56.7	4.35	67.3	67.3	4.70
	1800	18.0	16.6	3.20	22.8	20.9	3.32	27.8	25.3	3.45	33.3	29.6	3.59	39.9	36.3	3.77	47.8	47.8	3.99	57.3	57.3	4.30	67.6	67.6	4.61

Multipliers for Determining the Performance With Other Indoor Sections.

Indoor Section	Size	Heating		Indoor Section	Size	Heating	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	060	1.01	1.12	**CK5PT**	060	1.00	1.00
CC5A/CD5AW	060	1.01	1.06	**CK5PX**	060	1.00	0.99
CD5PX	060	0.98	1.10	**COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE**			
CE3AA	060	1.01	1.06	**CC5A/CD5AW**	060	0.99	1.08
CK3BA	060	1.01	1.03	**CE3AA**	060	0.99	1.02
CK5A/CK5BA	060	1.01	1.03	**CK3BA**	060	1.00	0.99
CK5A/CK5BT	060	1.01	1.03	**CK5A/CK5BA**	060	1.00	0.99
CK5A/CK5BX	060	1.02	1.04	**CK5A/CK5BT**	060	1.00	0.99
CK5PA	060	1.01	1.03	**CK5A/CK5BX**	060	1.00	0.99
CK5PT	060	1.01	1.03	**CK5PA**	060	1.00	0.99
CK5PX	060	1.02	1.04	**CK5PT**	060	1.00	0.99
F(A,B)4BN(F,B,C)	060	1.02	1.10	**CK5PX**	060	1.00	0.98
FB4BNB	070	1.01	1.02	**COILS + 58MVP080-20 VARIABLE-SPEED FURNACE**			
FC4CN(F,B)	060	1.01	1.09	**CC5A/CD5AA**	060	0.98	1.09
FC4CNB	070	1.01	1.02	**CC5A/CD5AW**	048	0.99	1.02
FE4ANB	006	1.01	0.96	**CK3BA**	060	1.00	1.04
FE4ANF	005	1.00	1.00	**CK5A/CK5BA**	060	1.00	1.04
FK4DNB	006	1.01	0.96	**CK5A/CK5BT**	060	1.00	1.04
FK4DNF	005	1.01	1.01	**CK5A/CK5BX**	060	1.00	1.03
FV4BNB	006	1.01	0.96	**CK5PA**	060	1.00	1.04
FV4BNF	005	1.00	1.00	**CK5PT**	060	1.00	1.04
FX4BNB	060	1.01	1.02	**CK5PX**	060	1.00	1.03
FX4BNF	048	1.01	1.06	**COILS + 58MVP100-20 VARIABLE-SPEED FURNACE**			
COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE				**CC5A/CD5AA**	060	0.98	1.11
CE3AA	060	1.00	0.98	**CC5A/CD5AW**	048	0.99	1.10
COILS + 58CV(A,X)110-22 VARIABLE-SPEED FURNACE				**CD5PX**	060	1.01	1.02
CD5PX	060	1.01	0.98	**CK3BA**	060	0.99	1.01
CE3AA	060	1.00	1.05	**CK5A/CK5BA**	060	0.99	1.01
CK3BA	060	1.00	0.99	**CK5A/CK5BT**	060	0.99	1.01
CK5A/CK5BA	060	0.99	1.02	**CK5A/CK5BX**	060	1.00	1.01
CK5A/CK5BT	060	1.00	0.99	**CK5PA**	060	0.99	1.01
CK5A/CK5BX	060	1.00	0.99	**CK5PT**	060	0.99	1.01
CK5PA	060	1.00	0.99	**CK5PX**	060	1.00	1.01
CK5PT	060	1.00	0.99	**COILS + 58MVP120-20 VARIABLE-SPEED FURNACE**			
CK5PX	060	1.00	0.99	**CC5A/CD5AA**	060	0.98	1.10
COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE				**CC5A/CD5AW**	048	0.99	1.10
CC5A/CD5AW	060	0.99	1.02	**CK5A/CK5BA**	060	0.99	1.01
CE3AA	060	0.99	1.02	**CK5A/CK5BT**	060	0.99	1.01
CK3BA	060	1.00	1.00	**CK5A/CK5BX**	060	1.00	1.01
CK5A/CK5BA	060	1.00	0.99	**CK5PA**	060	0.99	1.01
CK5A/CK5BT	060	1.00	1.00	**CK5PT**	060	0.99	1.01
CK5A/CK5BX		060	1.00	**CK5PX**	060	1.00	1.01
CK5PA	060	1.00	1.00		—	—	—

See notes on pg. 33.

Heat pump heating performance continued

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES °F																							
		–3			7			17			27			37			47			57			67		
		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
EDB	CFM	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†
38YXA060-32, 33 Outdoor Section With FV4(A,B)NB006 Indoor Section																									
65	1750	25.4	23.3	3.70	31.5	28.9	3.89	37.6	34.2	4.05	44.1	39.2	4.23	51.9	47.2	4.44	60.8	60.8	4.70	71.5	71.5	5.04	83.8	83.8	5.42
	2000	25.8	23.7	3.73	31.9	29.3	3.89	37.9	34.6	4.04	44.6	39.6	4.19	52.4	47.7	4.39	61.5	61.5	4.63	72.5	72.5	4.95	84.0	84.0	5.25
	2250	26.2	24.1	3.77	32.3	29.7	3.91	38.2	34.9	4.04	45.0	40.0	4.19	52.9	48.2	4.37	62.2	62.2	4.59	73.3	73.3	4.90	84.5	84.5	5.17
70	1750	24.5	22.5	3.87	30.9	28.4	4.08	37.2	33.9	4.28	43.7	38.8	4.46	51.2	46.6	4.68	60.0	60.0	4.95	70.5	70.5	5.30	82.6	82.6	5.71
	2000	25.0	23.0	3.90	31.3	28.8	4.09	37.6	34.3	4.26	44.1	39.2	4.42	51.8	47.1	4.62	60.7	60.7	4.87	71.4	71.4	5.20	83.7	83.7	5.57
	2250	25.4	23.3	3.94	31.7	29.1	4.11	37.9	34.6	4.26	44.5	39.5	4.41	52.3	47.6	4.60	61.3	61.3	4.83	72.2	72.2	5.14	83.6	83.6	5.44
75	1750	23.4	21.6	4.01	30.1	27.7	4.27	36.8	33.6	4.51	43.2	38.4	4.70	50.6	46.1	4.93	59.2	59.2	5.21	69.4	69.4	5.58	81.5	81.5	6.05
	2000	23.9	22.0	4.05	30.6	28.1	4.28	37.2	33.9	4.49	43.7	38.8	4.66	51.2	46.6	4.87	59.9	59.9	5.12	70.3	70.3	5.46	82.4	82.4	5.84
	2250	24.4	22.4	4.09	31.0	28.5	4.31	37.6	34.3	4.49	44.1	39.1	4.65	51.7	47.0	4.84	60.5	60.5	5.08	71.1	71.1	5.40	83.0	83.0	5.73

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	**COILS + 58CV(A,X)110-22 VARIABLE-SPEED FURNACE**			
CD5PX	060	1.00	1.03	**CD5PX**	060	0.98	0.99
CK5A/CK5BX	060	0.98	1.02	**COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE**			
CK5PX	060	0.98	1.02	**CC5A/CD5AW**	060	0.98	1.06
FB4BNB	070	1.00	1.03	**COILS + 58MVP080-20 VARIABLE-SPEED FURNACE**			
FC4CNB	070	1.00	1.03	**CD5PX**	060	1.00	1.06
FE4ANB	006	1.00	1.00	**COILS + 58MVP100-20 VARIABLE-SPEED FURNACE**			
FK4DNB	006	0.99	0.99	**CD5PX**	060	1.00	1.05
FV4BNB	006	1.00	1.00	**COILS + 58MVP120-20 VARIABLE-SPEED FURNACE**			
FX4BNB	060	1.00	1.03	**CD5PX**	060	1.02	1.06

NOTE: When the required data fall 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 accessory is 55°F (12.8°C).
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.
7. Maximum elevation of indoor coil above or below base of outdoor unit is: indoor coil above = 50 ft/indoor coil below = 150 ft (see items 8 and 9 following).
8. For interconnecting refrigerant tube lengths greater than 50 ft and/or elevation differences between indoor and outdoor units greater than 20 ft, consult Residential Split-System Application Guideline and Service Manual for Air Conditioners and Heat Pumps using Puron refrigerant.
9. If ANY refrigerant tubing is buried, provide a minimum 6-in. vertical rise to the valve connections at the unit. Refrigerant tubing lengths up to 36 in. may be buried without further considerations. Buried refrigerant tubing lengths greater than 36 in. are not recommended.
10. Use only copper wire for electric connection at unit. Aluminum and clad aluminum are not acceptable for the type of connector provided.
11. Mismatches of indoor coil capacity more than 1 size larger than outdoor unit capacity (unless so specified) may result in inadequate indoor comfort.
12. Do not apply capillary tube indoor coils to these units.
13. Factory-supplied filter drier must be installed.

Guide specifications

Air-Cooled, Split-System Heat Pump
38YXA
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, shutoff suction tube 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.

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