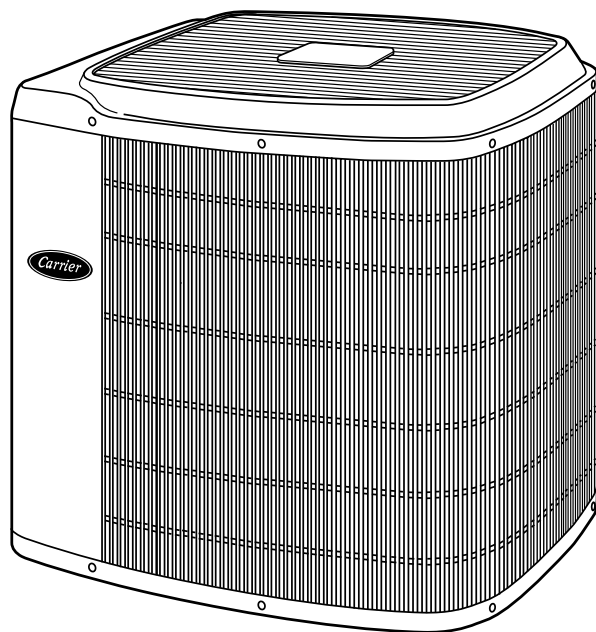




Product Data

Comfort™ 12 38YRA (60Hz) 12 SEER Heat Pump

Sizes 018 thru 060



Comfort™
SERIES

The 38YRA Outdoor Sections of Split-System Heat Pumps are designed for quiet, reliable heating during the winter and cooling during the summer. These heat pump systems provide economy of operation through energy conservation with SEER up to 15.0 and HSPF up to 9.2. They recover heat for indoor comfort from outdoor air during the heating season and, by automatically reversing the refrigerant system, remove indoor heat and excess humidity during the cooling season. All models are 208/230v, single phase, 60 hertz, and are listed with ARI, UL (U.S. and Canada), and CEC.

CARRIER'S TECH2000™ SILENCER SYSTEM

The Silencer System features the InViroFlow design, energy-efficient fan and motor, sound hood, and discharge muffler.

InViroFlow™ Design improves airflow pattern and requires less energy.

Energy-Efficient Fan and Fan Motor adds to quiet operation while moving air more efficiently.

Sound Hood muffles noise from operation.

Discharge Muffler minimizes low frequency sound and pressure pulsation generated by compressor discharge gas.

FEATURES/BENEFITS

Compressor—This unit features a scroll compressor. This compressor is significantly more efficient than

conventional compressors. Its simple design offers improved reliability. Each compressor is mounted on rubber isolators for additional sound reduction. The scroll compressor will start under most system loads, thus eliminating the need for start assistance components. For improved serviceability, all models are equipped with a compressor terminal plug. Continuous operation is approved down to -30°F (-34.4°C) in the heating mode and down to 55°F (12.8°C) in the cooling mode. (See heating and cooling performance tables.) The scroll compressor is covered with a standard 10-year limited warranty.

Built-In-Reliable Components — Includes a suction tube accumulator that minimizes the amount of liquid refrigerant that reaches the compressor; high-pressure switch for high-pressure protection; and a low-pressure switch for loss of charge protection.

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 TXV on the indoor coil. The FC4 and FK4 indoor fan coils come factory equipped with a bi-flow 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 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 coated for a long-lasting, rust-resistant, quality appearance.
- The coil is protected with an enhanced coil guard. With spacing

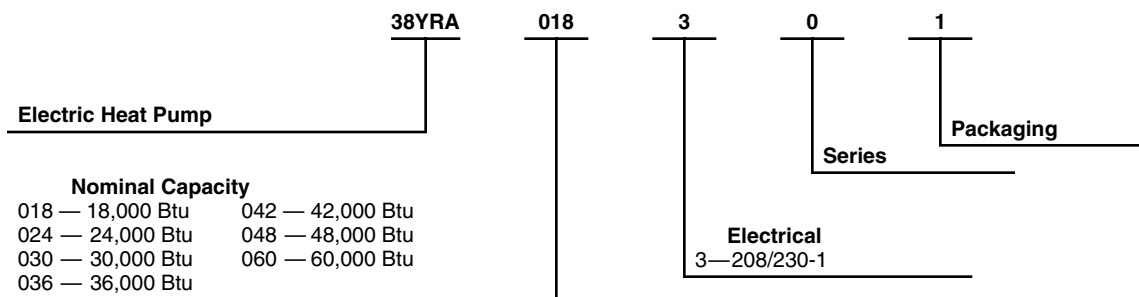
of 3/8-in. and construction of coated wire, the guard helps to protect from inclement weather (hail), vandalism, and incidental damage.

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 tube and enhanced sine wave aluminum fin and is designed for optimum heat transfer during heating and cooling. The vertical air discharge carries the sound and air up and away from adjacent patio areas and foliage. Rows of composite coils can be cleaned with a common garden hose.

External Service Valves— Both service valves are 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, with a 10-year limited warranty on the compressor.

Model number nomenclature



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



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



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



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

CERTIFICATE NO. FM 28768

REGISTERED QUALITY SYSTEM

★ Refer to the combination ratings in the Product Data Digest for system combinations meeting Energy Star[®] efficiency standards.

Physical data

UNIT SIZE-SERIES	018-32, 33, 34	024-32, 33, 34	030-32, 33, 34	036-31, 32, 33	042-31, 32, 33	048-31, 33, 34	060-30, 31, 32
SHIPPING WT (Lb)	190	210	225	228	248	282	357
COMPRESSOR TYPE	Scroll						
REFRIGERANT	R-22						
Control	TXV (Cooling)						
Charge (Lb)†	5.12	5.63	6.63	7.13	10.88	11.88	14.88
COND FAN	Propeller Type, Direct Drive						
Air Discharge	Vertical						
Air Qty (CFM)	2000	2000	2600	2600	2800	3600	
Mtr Rpm (60 hz)	820						
COND COIL							
Face Area (Sq Ft)	12.17	15.21	18.25	18.25	15.15	18.25	24.89
CONNECT (In. ID)	Sweat						
Vapor	5/8	3/4	3/8	7/8			
Liquid	3/8						
REFRIG TUBES*							
(In. OD)							
Vapor	5/8	3/4	3/8	7/8	1-1/8		
Liquid							

* Tube sizes are for runs up to 50 ft. For tube set over 50 ft horizontal or 20 ft vertical differential, consult Long-Line Application Guideline.

† Charge quantity is for 15 ft of interconnecting tubing. For tubing lengths other than 15 ft, see Long-Line Application Guideline for additional refrigerant requirements.

NOTE: See unit Installation Instructions for proper installation.

METERING DEVICE

UNIT SIZE	SERIES	OUTDOOR PISTON	INDOOR TXV*
018	32, 33, 34	42	KSATX0601HSO
024	32, 33, 34	49	KSATX0601HSO
030	32, 33, 34	52	KSATX0601HSO
036	31, 32, 33	59	KSATX0601HSO
042	31, 32, 33	63	KSATX0601HSO
048	31, 33, 34	70	KSATX0701HSO
060	30, 31, 32	73	KSATX1001HSO

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

Accessories

ORDERING NUMBER	DESCRIPTION
KAATD0101TDR	Time-Delay Relay — All Sizes
KAFT0101AAA*	Evaporator Freeze Thermostat — All Sizes
KHAIR0101AAA*	Isolation Relay — All Sizes
Standard	Cycle Protector
KSAHS1501AAA	Start Capacitor and Relay — Sizes 018–042
KSAHS1701AAA	Start Capacitor and Relay — Size 048
KSAHS1601AAA	Start Capacitor and Relay — Size 060
KAACS0201PTC	Start Assist — PTC — All Sizes
KAACH1201AAA	Crankcase Heater — Sizes 018–042
Standard	Crankcase Heater — Sizes 048, 060
Standard	Sound Hood — All Sizes
KHAOT0301FST	Outdoor Thermostat — All Sizes
KHAOT0201SEC	Secondary Outdoor Thermostat — All Sizes
KSATX0601HSO‡	Bi-flow TXV (Hard Shutoff) — Sizes 018–042
KSATX0701HSO‡	Bi-flow TXV (Hard Shutoff) — Size 048
KSATX1001HSO‡	Bi-flow TXV (Hard Shutoff) — Size 060
KSALA0201R22	Low-Ambient Pressure Switch — All Sizes
Standard	High-Pressure Switch — All Sizes
P504-8083S (RCD)	Filter Drier—Bi-flow — Sizes 018–036
P504-8163S (RCD)	Filter Drier—Bi-flow — Sizes 042–060
KHALS0401LLS	Liquid Solenoid Valve — All Sizes
KSASF0101AAA	Support Feet — 4 in. — All Sizes
KHASS0206MPK	Snow Stand — Sizes 018–048
KHASS0306MPK	Snow Stand — Size 060
KSALA0401AAA**	MotorMaster®—Low-Ambient Controller — All Sizes
HC38GE231 (RCD)	Ball Bearing Fan Motor — Sizes 030–048
HC38GE232 (RCD)	Ball Bearing Fan Motor — Size 060

* Use with low-ambient control.

‡ Must be applied on coils not equipped with TXV.

** Fan Motor with ball bearings required.

THERMOSTAT PKG	DESCRIPTION
TSTATCCPRH01-B*	Thermostat 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*	Thermostat, Auto Changeover, 7-Day Programmable, °F/°C, Dual Fuel Thermostat, 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
TSTATCCBHP01*	Builder's Thermostat, Manual Changeover, Non-Programmable, °F/°C, 2-Stage Heat, 1-Stage Cool, Heat Pump
TSTATXXSEN01-B**	Outdoor Air Temperature Sensor
TSTATXXNBP01†	Backplate for Non-Programmable Thermostat
TSTATXXPBP01†	Backplate for Programmable Thermostat and Thermostat Control
TSTATXXBBP01†	Backplate for Builder's Thermostat
TSTATXXCNV10‡	Thermostat Conversion Kit (4 to 5 Wire) — 10 Pack

* Do not use in zoning heat pump applications.

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

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

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

† 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.

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
Winter Start Control	Yes‡	No
Accumulator	No	No
Compressor Start Assist Capacitor and Relay	Yes	Yes
MotorMaster®—Low-Ambient Controller	Yes	No
Wind Baffle	See Low-Ambient Instructions	No
Coastal Filter	No	No
Support Feet	Recommended	No
Liquid-Line Solenoid Valve or Hard Shutoff TXV	No	See Long-Line Application Guideline
Ball Bearing Fan Motor	Yes	No

* For tubing line sets between 50 and 175 ft or 20 ft vertical differential, refer to Residential's Split Systems Long-Line Application Guidelines.

‡ Only when low-pressure switch is used.

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.

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

Liquid line solenoid on indoor coil

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

Long line

Low ambient cooling

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

4. Compressor Start Assist – PTC Type

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

Usage Guideline:

Suggested when compressor power supply is marginal.

Suggested in reciprocating compressor applications with rapid pressure balance (RPB) expansion valve on indoor coil.

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. Cycle Protector

Solid-state timing device which prevents compressor rapid recycling. This control provides an approximate 5-minute delay after power to the compressor has been interrupted for any reason, including normal room thermostat cycling.

Usage Guideline:

Suggested in the following applications:

Installations in areas where power interruptions are frequent.

Where user is likely to "play" with the room thermostat.

All commercial installations.

Long line applications.

High-rise applications.

7. 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.

8. Filter Drier

A device for removing contaminants from refrigerant circulating in a heat pump system: two-direction flow.

Usage Guideline:

Suggested in all field-connected split-system heat pumps.

Accessory description and usage (continued)

9. High-Pressure Switch

Auto reset SPST switch activated by refrigerant pressure on high side of refrigerant circuit. Cycles compressor off if refrigerant pressure rises to 426 ± 10 psig and resets at 320 ± 20 psig. Provides protection against compressor damage due to loss of outdoor airflow.

Usage Guideline:

Suggested in installations exposed to "very dirty" outdoor air.

Suggested in installations where condenser inlet air temperature exceeds 125°F (51.7°C).

10. 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.

11. Liquid-Line Solenoid Valve (LLS)

An electrically operated shutoff valve which stops and starts refrigerant liquid flow in response to compressor operation. It maintains a column of refrigerant liquid ready for action at next compressor operation cycle. It also provides system protection against off-cycle refrigerant migration.

Note: When LLS is used with reciprocating compressors, Compressor Start Assist — Capacitor and Relay is required.

Usage Guideline:

Required in all heat pump long line applications to control refrigerant off cycle migration in the heating mode. A second LLS or hard shut off TXV is required in heat pump long line applications for refrigerant off cycle migration in the cooling mode. See Long Line Application Guide-line.

12. 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 100 psig to 225 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).

13. MotorMaster®—Low-Ambient Controller

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

Usage Guideline:

A 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.

14. 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.

15. 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.

16. 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.

17. 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.

18. Support Feet

Four stick-on plastic feet which 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.

19. 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. Kit includes valve, adapter tubes, and external equalizer tube. Both hard shutoff and RPB valves are available.

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

Usage Guideline:

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

Required for use on all zoning systems.

See long line guideline.

20. Time-Delay Relay

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

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

Usage Guideline:

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

Electrical data

UNIT SIZE-SERIES	V-PH	OPER VOLTS*		COMPR		FAN FLA	MCA	MIN WIRE SIZE 60°C/75°C**	MAX LENGTH (Ft) 60°C/75°C‡	MAX FUSE† OR CKT BKR AMPS
		Max	Min	LRA	RLA					
018-32, 33, 34	208/230-1	253	187	45.0	10.0	0.5	13.0	14/14	61/58	20
024-32, 33, 34				63.0	12.8	0.5	16.5	14/14	46/44	25
030-32, 33, 34				72.5	15.1	1.0	19.7	14/14	41/39	30
036-31, 32, 33				88.0	16.0	1.0	21.0	12/12	60/57	30
042-31, 32, 33				104.0	24.9	1.0	32.0	8/10	97/59	50
048-31, 33, 34				137.0	25.4	1.0	32.8	8/10	94/58	50
060-30, 31, 32				148.0	34.9	1.4	45.0	6/8	116/66	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)

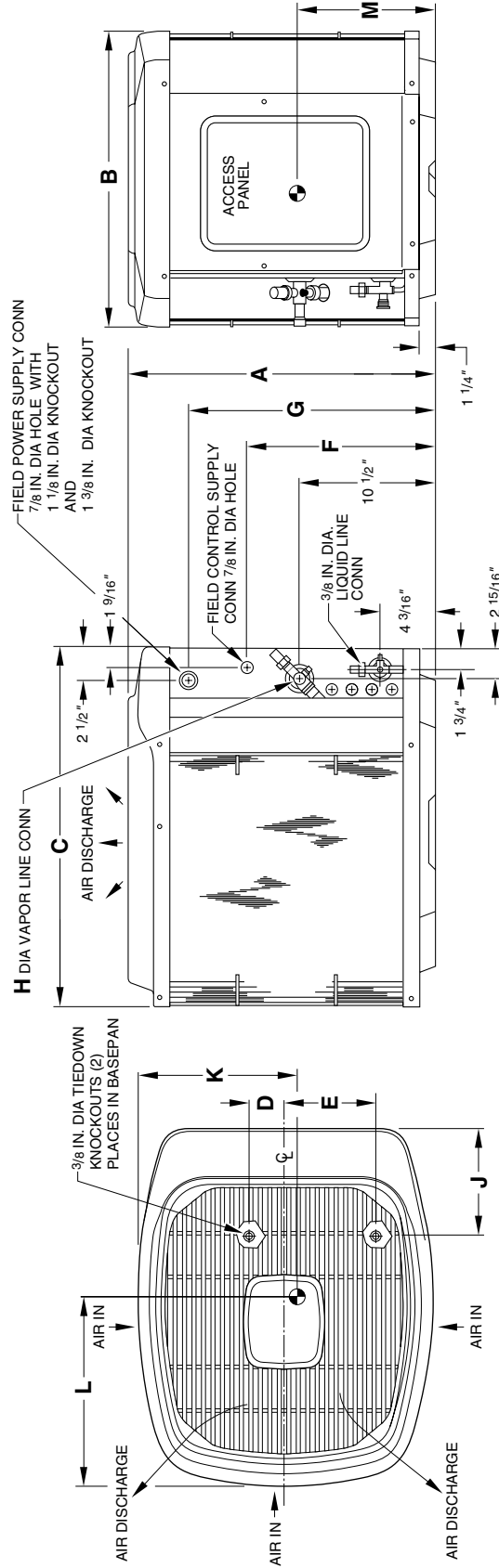
UNIT SIZE	STANDARD RATING	TYPICAL OCTAVE BAND SPECTRUM (without tone adjustment)						
		125	250	500	1000	2000	4000	8000
018	69	52.0	57.5	62.5	61.0	60.5	57.5	48.5
024	69	53.0	57.0	62.0	62.5	58.5	57.0	50.5
030	72	54.0	64.5	65.0	66.0	64.5	61.0	55.5
036	72	56.0	61.5	64.0	68.0	63.0	58.0	53.5
042	72	58.5	61.5	65.0	66.0	60.5	61.5	52.0
048	75	57.5	63.0	66.0	70.0	65.0	63.5	58.0
060	75	59.5	63.5	67.5	67.5	66.5	64.0	57.0

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

Dimensions

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 



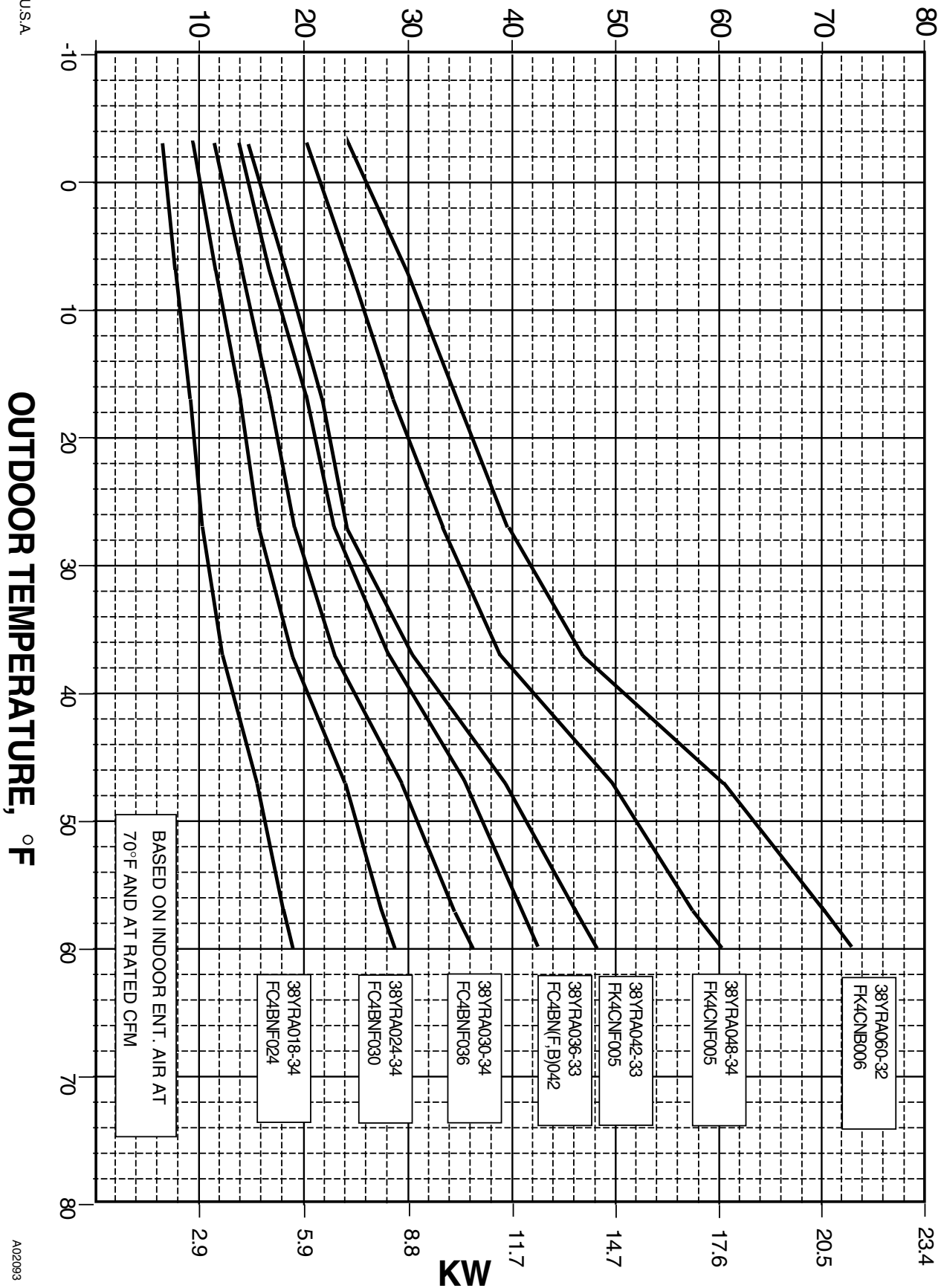
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DIMENSIONS (IN.)

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
018	2, 3, 4	27-13/16	30	34-15/16	4	9-3/4	15-1/2	21-7/8	5/8	8-3/16	16-13/16	20-1/2	11	26 x 32	31 x 35
024	2, 3, 4	33-13/16	30	34-15/16	4	9-3/4	21-1/2	27-7/8	3/4	8-3/16	16-13/16	20-1/2	14	26 x 32	31 x 35
030	2, 3, 4	39-13/16	30	34-15/16	4	9-3/4	27-1/2	27-7/8	3/4	8-3/16	16-1/2	20-3/8	16	26 x 32	31 x 35
036	1, 2, 3	39-13/16	30	34-15/16	4	9-3/4	27-1/2	33-7/8	7/8	8-3/16	16-1/2	20-3/8	16	26 x 32	31 x 35
042	1, 2, 3	33-13/16	30	34-15/16	4	9-3/4	21-1/2	27-7/8	7/8	8-3/16	16-1/2	20-3/8	15	26 x 32	31 x 35
048	1, 3, 4	39-13/16	30	34-15/16	4	9-3/4	27-1/2	33-7/8	7/8	8-3/16	15-13/16	19-7/8	16	26 x 32	31 x 35
060	0, 1, 2	39-13/16	39-5/8	45	5-15/16	11-13/16	27-1/2	33-7/8	7/8	8-9/16	19-7/8	26	17-1/2	32 x 42	36 x 46

38YRA BALANCE POINT WORKSHEET

BUILDING HEAT LOSS, 1000 BTU/HR
UNIT INTEGRATED HEATING CAPACITY, 1000 BTU/HR



Combination ratings*

UNIT SIZE- SERIES	INDOOR UNIT	ARI STANDARD RATINGS*											
		Cooling						Heating					
		TC	Seasonal Efficiency SEER				EER	High-Temp		Low-Temp		Seasonal Efficiency HSPF/HSPF LLS	
			Factory- Supplied Enhance- ment	Standard Rating	Field-Supplied Accessory			CAP	COP	CAP	COP		
TXV‡	TXV & TDR**												
018-32, 33, 34	*FC4CNF024	18,200	TDR&TXV	12.50	—	—	11.05	15,900	2.90	10,800	2.22	7.5/8.0	
	CC5A/CD5AA018	17,800	NONE	—	—	12.00	10.85	15,500	2.54	10,600	2.08	6.8/7.2	
	CC5A/CD5AA024	18,300	NONE	—	—	12.50	11.25	15,700	2.72	10,700	2.16	7.0/7.5	
	CC5A/CD5AW024	18,300	NONE	—	—	12.50	11.25	15,700	2.72	10,700	2.16	7.0/7.5	
	CE3AA024	18,400	NONE	—	—	12.50	11.25	15,700	2.74	10,700	2.18	7.0/7.5	
	CF5AA024	18,400	NONE	—	—	12.50	11.35	15,700	2.78	10,700	2.18	7.2/7.5	
	CK3BA024	17,600	NONE	—	—	12.50	11.05	15,600	2.84	10,500	2.20	7.2/8.0	
	CK5A/CK5BA018	17,300	NONE	—	—	12.00	10.85	15,500	2.72	10,500	2.14	7.0/7.5	
	CK5A/CK5BA024	18,100	NONE	—	—	12.50	11.05	15,600	2.84	10,500	2.20	8.0/7.2	
	CK5A/CK5BW024	18,100	NONE	—	—	12.50	11.05	15,600	2.84	10,500	2.20	7.2/8.0	
	F(A,B)4BN(F,C)018	17,600	TDR	—	12.00	—	10.65	15,600	2.62	10,600	2.08	6.8/7.5	
	F(A,B)4BN(F,C)024	18,200	TDR	—	12.50	—	11.05	15,900	2.90	10,800	2.22	7.5/8.0	
	FF1DNA018	17,800	TDR	—	12.50	—	11.30	15,400	2.70	10,400	2.16	7.0/7.5	
	FF1DNA024	18,600	TDR	—	13.00	—	11.45	15,800	2.86	10,700	2.22	7.5/8.0	
	FF1DNE018	17,800	TDR&TXV	12.50	—	—	11.30	15,400	2.70	10,400	2.16	7.0/7.5	
	FF1DNE024	18,600	TDR&TXV	13.00	—	—	11.45	15,800	2.86	10,700	2.22	-/8.0	
	FG3AAA024	18,200	NONE	—	—	12.50	11.10	15,600	2.70	10,700	2.14	7.0/7.5	
	FK4DNF001	19,000	TDR&TXV	15.00	—	—	13.15	14,800	2.96	9,900	2.30	7.5/8.0	
	FK4DNF002	19,200	TDR&TXV	15.00	—	—	13.30	14,900	3.08	9,900	2.34	8.0/8.5	
	COILS + 58CV(A,X)070-12 VARIABLE-SPEED FURNACE												
	CC5A/CD5AA018	17,300	TDR	—	13.00	—	11.55	15,000	2.62	10,100	2.16	6.8/-	
	CC5A/CD5AA024	17,900	TDR	—	13.50	—	11.95	15,200	2.84	10,200	2.24	7.5/-	
	CC5A/CD5AW024	17,900	TDR	—	13.50	—	11.95	15,200	2.84	10,200	2.24	7.5/-	
	CE3AA024	18,000	TDR	—	13.50	—	11.95	15,300	2.86	10,200	2.28	7.5/-	
	CK3BA024	18,300	TDR	—	14.00	—	12.20	15,500	3.06	10,300	2.34	8/-	
	CK5A/CK5BA018	17,800	TDR	—	13.50	—	11.85	15,400	2.90	10,200	2.28	7.0/-	
	CK5A/CK5BA024	18,300	TDR	—	14.00	—	12.20	15,500	3.06	10,300	2.34	8.0/-	
	CK5A/CK5BW024	18,300	TDR	—	14.00	—	12.20	15,500	3.06	10,300	2.34	8.0/-	
	COILS + 58MVP040-14 VARIABLE-SPEED FURNACE												
	CC5A/CD5AA024	18,600	TDR	—	14.00	—	12.50	15,200	2.86	10,200	2.26	7.5/8.0	
	CC5A/CD5AW024	18,600	TDR	—	14.00	—	12.50	15,200	2.86	10,200	2.26	7.5/8.0	
	CK3BA024	18,300	TDR	—	14.00	—	12.30	15,500	3.10	10,300	2.36	8.0/8.5	
	CK5A/CK5BA018	18,000	TDR	—	13.50	—	11.90	15,400	2.96	10,300	2.30	7.5/8.0	
	CK5A/CK5BA024	18,300	TDR	—	14.00	—	12.30	15,500	3.10	10,300	2.36	8.0/8.5	
	CK5A/CK5BW024	18,300	TDR	—	14.00	—	12.30	15,500	3.10	10,300	2.36	8.0/8.5	
COILS + 58MVP060-14 VARIABLE-SPEED FURNACE													
CC5A/CD5AA024	18,600	TDR	—	14.00	—	12.45	15,200	2.86	10,200	2.26	7.5/8.0		
CC5A/CD5AW024	18,600	TDR	—	14.00	—	12.45	15,200	2.86	10,200	2.26	7.5/8.0		
CK3BA024	18,300	TDR	—	14.00	—	12.25	15,500	3.08	10,300	2.36	8.0/8.5		
CK5A/CK5BA018	18,000	TDR	—	13.50	—	11.85	15,400	2.94	10,300	2.28	7.5/8.0		
CK5A/CK5BA024	18,300	TDR	—	14.00	—	12.25	15,500	3.08	10,300	2.36	8.0/8.5		
CK5A/CK5BW024	18,300	TDR	—	14.00	—	12.25	15,500	3.08	10,300	2.36	8.0/8.5		
COILS + 58MVP080-14 VARIABLE-SPEED FURNACE													
CC5A/CD5AA024	18,600	TDR	—	14.00	—	12.50	15,200	2.86	10,200	2.26	7.5/8.0		
CC5A/CD5AW024	18,600	TDR	—	14.00	—	12.50	15,200	2.86	10,200	2.26	7.5/8.0		
CK3BA024	18,300	TDR	—	14.00	—	12.35	15,400	3.10	10,300	2.36	8.0/8.5		
CK5A/CK5BA018	18,000	TDR	—	13.50	—	11.95	15,300	2.96	10,200	2.30	7.5/8.0		
CK5A/CK5BA024	18,300	TDR	—	14.00	—	12.35	15,400	3.10	10,300	2.36	8.0/8.5		
CK5A/CK5BW024	18,300	TDR	—	14.00	—	12.35	15,400	3.10	10,300	2.36	8.0/8.5		
024-32, 33, 34	*FC4CNF030	24,000	TDR&TXV	12.50	—	—	10.85	24,000	3.34	15,400	2.38	7.5/8.0	
	CC5A/CD5AA024	23,400	NONE	—	—	12.00	10.50	24,000	3.16	15,300	2.28	7.0/7.5	
	CC5A/CD5AA030	23,600	NONE	—	—	12.00	10.60	24,000	3.18	15,400	2.30	7.5/7.0	
	CC5A/CD5AA036	24,400	NONE	—	—	12.50	10.90	24,200	3.42	15,400	2.40	7.5/8.0	
	CC5A/CD5AW024	23,400	NONE	—	—	12.00	10.50	24,000	3.16	15,300	2.28	7.0/7.5	
	CC5A/CD5AW030	23,600	NONE	—	—	12.00	10.60	24,000	3.18	15,400	2.30	7.0/7.5	
	CC5A/CD5AW036	24,400	NONE	—	—	12.50	10.90	24,200	3.42	15,400	2.40	7.5/8.0	
	CE3AA024	23,400	NONE	—	—	12.00	10.50	24,000	3.14	15,400	2.28	7.0/7.5	
	CE3AA030	23,800	NONE	—	—	12.00	10.70	24,200	3.32	15,400	2.26	7.5/8.0	
	CF5AA024	23,600	NONE	—	—	12.00	10.55	24,000	3.22	15,400	2.32	7.0/7.5	
	CK3BA024	23,200	NONE	—	—	12.00	10.55	23,800	3.26	15,300	2.34	7.2/7.7	
	CK3BA030	23,400	NONE	—	—	12.00	10.75	23,800	3.24	15,300	2.34	7.2/7.7	
	CK5A/CK5BA024	23,200	NONE	—	—	12.00	10.55	23,800	3.26	15,300	2.34	7.7/7.2	
	CK5A/CK5BA030	23,400	NONE	—	—	12.00	10.75	23,800	3.24	15,300	2.34	7.2/7.7	
	CK5A/CK5BW024	23,200	NONE	—	—	12.00	10.55	23,800	3.26	15,300	2.34	7.2/7.7	
	CK5A/CK5BW030	23,400	NONE	—	—	12.00	10.75	23,800	3.24	15,300	2.34	7.2/7.7	
	F(A,B)4BN(F,C)024	23,400	TDR	—	12.00	—	10.55	24,200	3.30	15,400	2.34	7.5/7.8	
	F(A,B)4BN(F,C)030	24,000	TDR	—	12.50	—	10.85	24,000	3.34	15,400	2.38	8.0/7.5	
	FC4CNF024	23,400	TDR&TXV	12.00	—	—	10.55	24,200	3.30	15,400	2.34	7.5/7.8	
	FF1DNA024	23,400	TDR	—	12.00	—	10.55	24,200	3.32	15,400	2.36	7.5/7.8	
	FF1DNA030	24,000	TDR	—	12.00	—	10.70	24,200	3.38	15,500	2.38	7.5/8.0	
	FF1DNE024	23,400	TDR&TXV	12.00	—	—	10.55	24,200	3.32	15,400	2.36	-/7.8	
	FF1DNE030	24,000	TDR&TXV	12.00	—	—	10.70	24,200	3.38	15,500	2.38	7.5/8.0	

See notes on pg. 18.

Combination ratings* continued

UNIT SIZE- SERIES	INDOOR UNIT	ARI STANDARD RATINGS*											
		Cooling						Heating					
		TC	Factory- Supplied Enhance- ment	Seasonal Efficiency SEER			EER	High-Temp		Low-Temp		Seasonal Efficiency HSPF/HSPF LLS	
				Standard Rating	TXV‡	Field-Supplied Accessory TXV & TDR**		CAP	COP	CAP	COP		
024-32, 33, 34	FG3AAA024	23,000	NONE	—	—	11.80	10.40	23,800	3.12	15,300	2.26	7.0/7.5	
	FK4DNF001	24,400	TDR&TXV	13.50	—	—	11.90	23,600	3.48	14,900	2.48	7.8/8.0	
	FK4DNF002	24,600	TDR&TXV	13.80	—	—	11.95	23,600	3.62	14,900	2.54	8.0/8.5	
	FK4DNF003	24,600	TDR&TXV	14.00	—	—	12.25	23,400	3.60	14,800	2.56	8.0/8.5	
	COILS + 58CV(A,X)070-12 VARIABLE-SPEED FURNACE												
	CC5A/CD5AA024	23,800	TDR	—	13.00	—	11.65	23,000	3.18	14,500	2.36	7.0/—	
	CC5A/CD5AA030	23,600	TDR	—	13.50	—	11.65	23,000	3.22	14,500	2.40	7.0/—	
	CC5A/CD5AW024	23,400	TDR	—	13.50	—	11.45	23,000	3.18	14,500	2.36	7.0/—	
	CC5A/CD5AW030	24,000	TDR	—	13.50	—	11.80	22,800	3.22	14,500	2.40	7.0/—	
	CE3AA024	23,600	TDR	—	13.00	—	11.50	23,200	3.26	14,700	2.40	7.0/—	
	CE3AA030	23,800	TDR	—	13.50	—	11.70	23,200	3.38	14,700	2.44	7.5/—	
	CK3BA024	23,600	TDR	—	13.50	—	11.60	23,600	3.50	14,700	2.48	7.5/—	
	CK3BA030	23,600	TDR	—	13.50	—	11.65	23,000	3.36	14,700	2.46	7.5/—	
	CK5A/CK5BA024	23,600	TDR	—	13.50	—	11.60	22,800	3.50	14,700	2.48	7.5/—	
	CK5A/CK5BA030	23,800	TDR	—	14.00	—	11.65	23,200	3.36	14,700	2.46	7.5/—	
	CK5A/CK5BW024	23,600	TDR	—	13.50	—	11.55	23,600	3.50	14,700	2.48	7.5/—	
	CK5A/CK5BW030	23,600	TDR	—	13.50	—	11.65	23,000	3.36	14,700	2.46	7.5/—	
	COILS + 58MVP040-14 VARIABLE-SPEED FURNACE												
	CC5A/CD5AA030	24,200	TDR	—	13.50	—	11.60	23,400	3.34	14,900	2.42	7.5/8.0	
	CC5A/CD5AW030	24,200	TDR	—	13.50	—	11.60	23,400	3.34	14,900	2.42	7.5/8.0	
	CK3BA024	23,800	TDR	—	13.00	—	11.30	23,800	3.48	15,100	2.46	7.7/8.2	
	CK3BA030	24,200	TDR	—	13.30	—	11.60	23,600	3.48	15,000	2.48	7.7/8.2	
	CK5A/CK5BA024	23,800	TDR	—	13.00	—	11.30	23,800	3.48	15,100	2.46	7.7/8.2	
	CK5A/CK5BA030	24,200	TDR	—	13.30	—	11.60	23,600	3.48	15,000	2.48	7.7/8.2	
	CK5A/CK5BW024	23,800	TDR	—	13.00	—	11.30	23,800	3.48	15,100	2.46	7.7/8.2	
	CK5A/CK5BW030	24,200	TDR	—	13.30	—	11.60	23,600	3.48	15,000	2.48	7.7/8.2	
	COILS + 58MVP060-14 VARIABLE-SPEED FURNACE												
	CC5A/CD5AA030	24,000	TDR	—	13.30	—	11.55	23,400	3.32	14,900	2.40	7.5/8.0	
	CC5A/CD5AW030	24,000	TDR	—	13.30	—	11.55	23,400	3.32	14,900	2.40	7.5/8.0	
	CK3BA024	23,800	TDR	—	13.00	—	11.30	23,800	3.48	15,100	2.46	7.7/8.2	
	CK3BA030	24,200	TDR	—	13.30	—	11.55	23,600	3.46	15,000	2.48	7.7/8.2	
	CK5A/CK5BA024	23,800	TDR	—	13.00	—	11.30	23,800	3.48	15,100	2.46	7.7/8.2	
	CK5A/CK5BA030	24,200	TDR	—	13.30	—	11.55	23,600	3.46	15,000	2.48	7.7/8.2	
	CK5A/CK5BW024	23,800	TDR	—	13.00	—	11.30	23,800	3.48	15,100	2.46	7.7/8.2	
	CK5A/CK5BW030	24,200	TDR	—	13.30	—	11.55	23,600	3.46	15,000	2.48	7.7/8.2	
	COILS + 58MVP080-14 VARIABLE-SPEED FURNACE												
	CC5A/CD5AA030	24,200	TDR	—	13.50	—	11.70	23,400	3.34	14,900	2.42	7.5/8.0	
	CC5A/CD5AW030	24,200	TDR	—	13.50	—	11.70	23,400	3.34	14,900	2.42	7.5/8.0	
	CK3BA024	23,800	TDR	—	13.30	—	11.55	23,600	3.52	15,000	2.50	7.8/8.3	
	CK3BA030	24,400	TDR	—	13.50	—	11.80	23,600	3.50	14,900	2.52	7.8/8.3	
	CK5A/CK5BA024	23,800	TDR	—	13.30	—	11.55	23,600	3.52	15,000	2.50	7.8/8.3	
	CK5A/CK5BA030	24,400	TDR	—	13.50	—	11.80	23,600	3.50	14,900	2.52	7.8/8.3	
	CK5A/CK5BW024	23,800	TDR	—	13.30	—	11.55	23,600	3.52	15,000	2.50	7.8/8.3	
	CK5A/CK5BW030	24,400	TDR	—	13.50	—	11.80	23,600	3.50	14,900	2.52	7.8/8.3	
	COILS + 58MVP100-20 VARIABLE-SPEED FURNACE												
	CC5A/CD5AA030	24,200	TDR	—	13.50	—	11.65	23,400	3.34	14,900	2.42	7.5/8.0	
	CC5A/CD5AW030	24,200	TDR	—	13.50	—	11.65	23,400	3.34	14,900	2.42	7.5/8.0	
	030-32, 33, 34	*FC4CNF036	28,600	TDR&TXV	12.30	—	—	10.70	29,600	3.26	18,400	2.28	7.7/8.0
		CC5A/CD5AA030	28,000	NONE	—	—	12.30	10.65	29,000	3.12	18,200	2.24	7.5/7.8
		CC5A/CD5AA036	29,000	NONE	—	—	12.50	10.95	29,400	3.30	18,300	2.32	7.7/8.2
		CC5A/CD5AW030	28,000	NONE	—	—	12.30	10.65	29,000	3.12	18,200	2.24	7.5/7.8
		CC5A/CD5AW036	29,000	NONE	—	—	12.50	10.95	29,400	3.30	18,300	2.32	7.7/8.2
		CE3AA030	28,200	NONE	—	—	12.50	10.70	29,200	3.24	18,300	2.28	7.7/8.0
		CE3AA036	28,600	NONE	—	—	12.50	10.85	29,200	3.16	18,300	2.28	7.7/8.0
		CF5AA036	28,800	NONE	—	—	12.50	10.90	29,400	3.28	18,300	2.30	7.7/8.0
		CK3BA030	28,000	NONE	—	—	12.50	10.75	29,000	3.20	18,100	2.28	7.5/8.0
		CK3BA036	29,200	NONE	—	—	12.50	10.95	29,600	3.36	18,400	2.34	7.7/8.2
		CK5A/CK5BA030	28,000	NONE	—	—	12.50	10.75	29,000	3.20	18,100	2.28	7.5/8.0
		CK5A/CK5BA036	29,200	NONE	—	—	12.50	10.95	29,600	3.36	18,400	2.34	7.7/8.2
		CK5A/CK5BT036	29,200	NONE	—	—	12.50	10.95	29,600	3.36	18,400	2.34	7.7/8.2
		CK5A/CK5BW030	28,000	NONE	—	—	12.50	10.75	29,000	3.20	18,100	2.28	7.5/8.0
		CK5A/CK5BW036	29,200	NONE	—	—	12.50	10.95	29,600	3.36	18,400	2.34	7.7/8.2
		F(A,B)4BN(F,C)030	28,200	TDR	—	12.50	—	10.80	29,200	3.26	18,200	2.30	7.7/8.0
		F(A,B)4BN(F,C)036	28,600	TDR	—	12.30	—	10.70	29,600	3.26	18,400	2.28	7.7/8.0
		FC4CNF030	28,200	TDR&TXV	12.50	—	—	10.80	29,200	3.26	18,200	2.30	7.7/8.0
		FF1DNA030	28,400	TDR	—	12.30	—	10.70	29,400	3.28	18,400	2.30	7.7/8.0
		FF1DNE030	28,400	TDR&TXV	12.30	—	—	10.70	29,400	3.28	18,400	2.30	7.7/8.0
		FG3AAA036	28,400	NONE	—	—	12.50	10.75	29,200	3.24	18,300	2.28	7.7/8.0
		FK4DNF001	29,000	TDR&TXV	13.70	—	—	11.75	28,800	3.40	17,900	2.40	8.0/8.5
		FK4DNF002	29,200	TDR&TXV	13.70	—	—	11.80	29,000	3.52	18,000	2.44	8.2/8.7
		FK4DNF003	29,600	TDR&TXV	14.20	—	—	12.25	28,600	3.52	17,700	2.48	8.2/8.7

See notes on pg. 18.

Combination ratings* continued

UNIT SIZE- SERIES	INDOOR UNIT	ARI STANDARD RATINGS*										
		Cooling					Heating					
		TC	Factory- Supplied Enhance- ment	Seasonal Efficiency SEER			EER	High-Temp		Low-Temp		Seasonal Efficiency HSPF/HSPF LLS
				Standard Rating	TXV‡	Field-Supplied Accessory TXV & TDR**		CAP	COP	CAP	COP	
030-32, 33, 34	COILS + 58CV(A,X)070-12 VARIABLE-SPEED FURNACE											
	CC5A/CD5AA030	28,200	TDR	—	13.00	—	11.45	28,400	3.14	17,500	2.30	7.5/-
	CC5A/CD5AA036	29,000	TDR	—	13.70	—	11.80	27,000	3.36	17,600	2.38	8.0/-
	CC5A/CD5AW030	28,200	TDR	—	13.00	—	11.45	28,400	3.14	17,500	2.30	7.5/-
	CE3AA030	28,600	TDR	—	13.30	—	11.55	28,800	3.34	17,600	2.36	7.7/-
	CE3AA036	28,600	TDR	—	13.50	—	11.60	28,600	3.32	17,700	2.36	7.7/-
	CK3BA030	29,200	TDR	—	13.50	—	11.75	28,600	3.26	17,700	2.36	7.7/-
	CK3BA036	29,200	TDR	—	13.70	—	11.85	28,400	3.48	17,700	2.42	8.0/-
	CK5A/CK5BA030	28,600	TDR	—	13.00	—	11.50	28,600	3.26	17,700	2.36	7.7/-
	CK5A/CK5BA036	29,200	TDR	—	13.70	—	11.85	28,400	3.48	17,700	2.42	8.0/-
	CK5A/CK5BT036	29,200	TDR	—	13.70	—	11.85	28,400	3.48	17,700	2.42	8.0/-
	CK5A/CK5BW030	29,200	TDR	—	13.50	—	11.75	28,600	3.24	17,700	2.36	7.7/-
	COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE											
	CC5A/CD5AA030	28,200	TDR	—	13.30	—	11.60	28,200	3.16	17,400	2.32	7.5/-
	CC5A/CD5AA036	29,200	TDR	—	14.00	—	11.95	27,000	3.40	17,600	2.40	8.0/-
	CC5A/CD5AW030	28,200	TDR	—	13.30	—	11.60	28,200	3.16	17,400	2.32	7.5/-
	CC5A/CD5AW036	29,200	TDR	—	14.00	—	11.95	27,200	3.40	17,600	2.40	8.0/-
	CE3AA030	28,600	TDR	—	13.50	—	11.70	28,600	3.36	17,600	2.38	7.7/-
	CE3AA036	28,800	TDR	—	13.70	—	11.85	28,400	3.34	17,500	2.38	7.7/-
	CK3BA030	28,400	TDR	—	13.30	—	11.55	28,600	3.26	17,600	2.38	7.7/-
	CK3BA036	29,400	TDR	—	14.00	—	12.00	28,400	3.50	17,600	2.44	8.0/-
	CK5A/CK5BA030	28,400	TDR	—	13.30	—	11.55	28,400	3.28	17,600	2.38	7.7/-
	CK5A/CK5BA036	29,400	TDR	—	14.00	—	12.00	28,200	3.50	17,600	2.44	8.0/-
	CK5A/CK5BW030	29,200	TDR	—	13.30	—	11.90	28,600	3.26	17,600	2.38	7.7/-
	CK5A/CK5BW036	29,400	TDR	—	14.00	—	12.00	28,200	3.50	17,600	2.44	8.0/-
	COILS + 58MVP040-14 VARIABLE-SPEED FURNACE											
	CC5A/CD5AA036	29,600	TDR	—	13.50	—	11.65	29,200	3.44	18,200	2.42	8.0/8.5
	CC5A/CD5AW036	29,600	TDR	—	13.50	—	11.65	29,200	3.44	18,200	2.42	8.0/8.5
	CK3BA030	28,600	TDR	—	13.00	—	11.20	29,000	3.32	18,100	2.34	7.7/8.2
	CK3BA036	29,600	TDR	—	13.50	—	11.65	29,200	3.48	18,000	2.42	8.0/8.5
	CK5A/CK5BA030	28,600	TDR	—	13.00	—	11.20	29,000	3.32	18,100	2.34	7.7/8.2
	CK5A/CK5BA036	29,600	TDR	—	13.50	—	11.65	29,200	3.48	18,000	2.42	8.0/8.5
	CK5A/CK5BT036	29,600	TDR	—	13.50	—	11.65	29,200	3.48	18,000	2.42	8.0/8.5
	CK5A/CK5BW030	28,600	TDR	—	13.00	—	11.20	29,000	3.32	18,100	2.34	7.7/8.2
	CK5A/CK5BW036	29,600	TDR	—	13.50	—	11.65	29,200	3.48	18,000	2.42	8.0/8.5
	COILS + 58MVP060-14 VARIABLE-SPEED FURNACE											
	CC5A/CD5AA036	29,600	TDR	—	13.50	—	11.65	29,200	3.44	18,200	2.42	8.0/8.5
	CC5A/CD5AW036	29,600	TDR	—	13.50	—	11.65	29,200	3.44	18,200	2.42	8.0/8.5
	CK3BA030	28,800	TDR	—	13.00	—	11.20	29,000	3.32	18,100	2.34	7.7/8.2
	CK3BA036	29,600	TDR	—	13.50	—	11.60	29,200	3.48	18,100	2.42	8.0/8.5
	CK5A/CK5BA030	28,800	TDR	—	13.00	—	11.20	29,000	3.32	18,100	2.34	7.7/8.2
	CK5A/CK5BA036	29,600	TDR	—	13.50	—	11.60	29,200	3.48	18,100	2.42	8.0/8.5
	CK5A/CK5BT036	29,600	TDR	—	13.50	—	11.60	29,200	3.48	18,100	2.42	8.0/8.5
	CK5A/CK5BW030	28,800	TDR	—	13.00	—	11.20	29,000	3.32	18,100	2.34	7.7/8.2
	CK5A/CK5BW036	29,600	TDR	—	13.50	—	11.60	29,200	3.48	18,100	2.42	8.0/8.5
	COILS + 58MVP080-14 VARIABLE-SPEED FURNACE											
	CC5A/CD5AA036	29,600	TDR	—	13.70	—	11.85	29,000	3.48	18,100	2.44	8.0/8.5
	CC5A/CD5AW036	29,600	TDR	—	13.70	—	11.85	29,000	3.48	18,100	2.44	8.0/8.5
	CK3BA030	28,800	TDR	—	13.00	—	11.30	29,000	3.32	18,000	2.36	7.7/8.2
	CK3BA036	29,600	TDR	—	13.00	—	11.70	29,200	3.50	18,000	2.44	8.0/8.5
	CK5A/CK5BA030	28,800	TDR	—	13.00	—	11.30	29,000	3.32	18,000	2.36	7.7/8.2
	CK5A/CK5BA036	29,600	TDR	—	13.00	—	11.70	29,200	3.50	18,000	2.44	8.0/8.5
	CK5A/CK5BT036	29,600	TDR	—	13.00	—	11.70	29,200	3.50	18,000	2.44	8.0/8.5
	CK5A/CK5BW030	28,800	TDR	—	13.00	—	11.30	29,000	3.32	18,000	2.36	7.7/8.2
	CK5A/CK5BW036	29,600	TDR	—	13.00	—	11.70	29,200	3.50	18,000	2.44	8.0/8.5
	COILS + 58MVP100-20 VARIABLE-SPEED FURNACE											
	CC5A/CD5AA036	29,600	TDR	—	13.70	—	11.85	29,000	3.48	18,100	2.44	8.0/8.5
	CC5A/CD5AW036	29,600	TDR	—	13.70	—	11.85	29,000	3.48	18,100	2.44	8.0/8.5
	CK3BA030	29,000	TDR	—	13.50	—	11.55	28,800	3.38	17,900	2.38	7.7/8.2
	CK3BA036	29,800	TDR	—	14.00	—	11.95	29,000	3.54	17,900	2.46	8.0/8.5
	CK5A/CK5BA030	29,000	TDR	—	13.50	—	11.55	28,800	3.38	17,900	2.38	7.7/8.2
	CK5A/CK5BA036	29,800	TDR	—	14.00	—	11.95	29,000	3.54	17,900	2.46	8.0/8.5
	CK5A/CK5BT036	29,800	TDR	—	14.00	—	11.95	29,000	3.54	17,900	2.46	8.0/8.5
	CK5A/CK5BW030	29,000	TDR	—	13.50	—	11.55	28,800	3.38	17,900	2.38	7.7/8.2
	CK5A/CK5BW036	29,800	TDR	—	14.00	—	11.95	29,000	3.54	17,900	2.46	8.0/8.5
	COILS + 58MVP120-20 VARIABLE-SPEED FURNACE											
	CK3BA030	28,800	TDR	—	13.00	—	11.50	28,800	3.36	17,900	2.38	7.7/8.2
	CK3BA036	29,800	TDR	—	14.00	—	11.90	29,000	3.52	17,900	2.46	8.0/8.5
	CK5A/CK5BA030	28,800	TDR	—	13.00	—	11.50	28,800	3.36	17,900	2.38	7.7/8.2

See notes on pg. 18.

Combination ratings* continued

UNIT SIZE- SERIES	INDOOR UNIT	ARI STANDARD RATINGS*												
		Cooling						Heating						
		TC	Factory- Supplied Enhance- ment	Seasonal Efficiency SEER				EER	High-Temp		Low-Temp		Seasonal Efficiency HSPF/HSPF LLS	
				Standard Rating	TXV‡	TXV & TDR**	CAP		COP	CAP	COP			
Field-Supplied Accessory														
030-32, 33, 34	CK5A/CK5BA036	29,800	TDR	—	14.00	—	11.90	29,000	3.52	17,900	2.46	8.0/8.5		
	CK5A/CK5BT036	29,800	TDR	—	14.00	—	11.90	29,000	3.52	17,900	2.46	8.0/8.5		
	CK5A/CK5BW030	28,800	TDR	—	13.00	—	11.50	28,800	3.36	17,900	2.38	7.7/8.2		
	CK5A/CK5BW036	29,800	TDR	—	14.00	—	11.90	29,000	3.52	17,900	2.46	8.0/8.5		
	*FC4CN(F,B)042	34,200	TDR&TXV	12.00	—	—	10.20	36,000	3.34	22,800	2.42	7.8/8.2		
036-31, 32, 33	CC5A/CD5AA036	34,000	NONE	—	—	12.00	10.25	36,000	3.32	22,600	2.42	7.7/—		
	CC5A/CD5AA042	34,000	NONE	—	—	12.00	10.25	36,000	3.32	22,600	2.42	7.7/—		
	CC5A/CD5AW036	34,000	NONE	—	—	12.00	10.25	36,000	3.22	22,600	2.42	7.7/—		
	CE3AA036	33,600	NONE	—	—	11.70	10.15	36,000	3.26	22,600	2.38	7.6/8.0		
	CE3AA042	34,400	NONE	—	—	12.00	10.30	36,000	3.36	22,600	2.44	7.7/8.2		
	CF5AA036	34,000	NONE	—	—	12.00	10.25	36,000	3.30	22,600	2.40	7.7/—		
	CK3BA036	33,600	NONE	—	—	12.00	10.35	36,000	3.32	22,400	2.42	7.7/—		
	CK3BA042	34,200	NONE	—	—	12.00	10.25	36,000	3.36	22,800	2.44	7.8/—		
	CK5A/CK5BA036	33,600	NONE	—	—	12.00	10.35	36,000	3.32	22,400	2.42	7.7/—		
	CK5A/CK5BA042	34,200	NONE	—	—	12.00	10.25	36,000	3.36	22,800	2.44	7.8/—		
	CK5A/CK5BT036	33,600	NONE	—	—	12.00	10.35	36,000	3.32	22,400	2.42	7.7/—		
	CK5A/CK5BT042	34,200	NONE	—	—	12.00	10.25	36,000	3.36	22,800	2.44	7.8/—		
	CK5A/CK5BW036	33,600	NONE	—	—	12.00	10.35	36,000	3.32	22,400	2.42	7.7/—		
	F(A,B)4BN(F,B,C)042	34,200	TDR	—	12.00	—	10.20	36,000	3.34	22,800	2.42	7.8/8.2		
	F(A,B)4BN(F,C)036	33,600	TDR	—	11.50	—	9.95	36,000	3.24	22,800	2.36	7.6/8.0		
	FC4CNF036	33,600	TDR&TXV	11.50	—	—	9.95	36,000	3.24	22,800	2.36	7.6/8.0		
	FG3AAA036	33,400	NONE	—	—	11.50	10.10	36,000	3.24	22,600	2.38	7.6/8.0		
	FK4DNF001	33,600	TDR&TXV	12.50	—	—	10.70	35,400	3.32	22,000	2.46	7.8/8.2		
	FK4DNF002	33,600	TDR&TXV	12.50	—	—	10.70	35,800	3.44	22,200	2.50	8.0/8.5		
	FK4DNF003	34,400	TDR&TXV	13.00	—	—	11.25	35,200	3.46	21,800	2.54	8.0/8.5		
	COILS + 58CV(A,X)070-12 VARIABLE-SPEED FURNACE													
	036-31, 32, 33	CC5A/CD5AA036	34,000	TDR	—	12.50	—	10.95	35,200	3.32	21,800	2.46	7.8/—	
		CE3AA036	32,600	TDR	—	13.00	—	10.55	35,000	3.26	21,800	2.44	7.5/—	
		CE3AA042	34,600	TDR	—	13.00	—	11.15	35,400	3.38	21,800	2.48	7.5/—	
		CK3BA036	34,000	TDR	—	12.50	—	10.95	35,400	3.40	22,000	2.50	7.5/—	
		CK5A/CK5BA036	34,800	TDR	—	13.00	—	11.20	35,400	3.40	22,000	2.50	7.5/—	
		CK5A/CK5BE042	34,000	TDR	—	13.00	—	11.05	35,400	3.46	22,000	2.52	8.0/—	
		CK5A/CK5BT036	34,000	TDR	—	12.50	—	10.95	35,400	3.40	22,000	2.50	7.5/—	
		COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE												
		036-31, 32, 33	CC5A/CD5AA036	33,600	TDR	—	13.50	—	10.90	35,000	3.36	21,800	2.48	7.5/—
			CC5A/CD5AA042	34,000	TDR	—	12.50	—	10.85	35,000	3.38	21,600	2.50	7.5/—
	CC5A/CD5AW036		34,000	TDR	—	13.00	—	11.15	35,000	3.36	21,800	2.48	7.5/—	
	CE3AA036		33,000	TDR	—	13.00	—	10.75	35,000	3.30	21,800	2.46	7.5/—	
	CE3AA042		34,600	TDR	—	13.00	—	11.35	35,200	3.42	21,800	2.52	8.0/—	
	CK3BA036		35,000	TDR	—	13.00	—	11.40	35,200	3.44	21,800	2.52	8.0/—	
	CK3BA042		35,000	TDR	—	13.00	—	11.50	35,200	3.44	21,800	2.54	8.0/—	
	CK5A/CK5BA036		35,000	TDR	—	13.00	—	11.40	35,200	3.44	21,800	2.52	8.0/—	
	CK5A/CK5BA042		35,000	TDR	—	13.00	—	11.50	35,200	3.44	21,800	2.54	8.0/—	
	CK5A/CK5BE042		35,200	TDR	—	13.00	—	11.55	35,400	3.50	21,800	2.56	8.0/—	
	CK5A/CK5BT036		35,000	TDR	—	13.00	—	11.40	35,200	3.44	21,800	2.52	8.0/—	
CK5A/CK5BT042	35,000		TDR	—	13.00	—	11.50	35,200	3.44	21,800	2.54	8.0/—		
CK5A/CK5BW036	35,000		TDR	—	13.00	—	11.40	35,200	3.44	21,800	2.52	8.0/—		
COILS + 58CV(A,X)110-22 VARIABLE-SPEED FURNACE														
036-31, 32, 33	CC5A/CD5AA036	34,000	TDR	—	13.00	—	11.20	35,000	3.36	21,800	2.50	7.5/—		
	CC5A/CD5AA042	33,600	TDR	—	13.00	—	11.10	35,000	3.40	21,600	2.52	7.5/—		
	CC5A/CD5AW036	34,000	TDR	—	13.00	—	11.20	35,000	3.36	21,800	2.50	7.5/—		
	CC5A/CD5AW042	34,000	TDR	—	13.00	—	11.25	34,800	3.38	21,600	2.50	7.5/—		
	CE3AA036	33,200	TDR	—	13.00	—	10.85	35,000	3.30	21,600	2.48	7.5/—		
	CE3AA042	34,600	TDR	—	13.00	—	11.45	35,200	3.44	21,600	2.52	8.0/—		
	CK3BA036	35,000	TDR	—	13.00	—	11.50	35,200	3.44	21,800	2.54	8.0/—		
	CK3BA042	34,200	TDR	—	13.00	—	11.30	35,200	3.46	21,800	2.54	8.0/—		
	CK5A/CK5BA036	35,000	TDR	—	13.00	—	11.50	35,200	3.44	21,800	2.54	8.0/—		
	CK5A/CK5BA042	34,200	TDR	—	13.00	—	11.30	35,200	3.46	21,800	2.54	8.0/—		
	CK5A/CK5BT036	35,000	TDR	—	13.00	—	11.50	35,200	3.44	21,800	2.54	8.0/—		
	CK5A/CK5BT042	34,200	TDR	—	13.00	—	11.30	35,200	3.46	21,800	2.54	8.0/—		
	CK5A/CK5BW036	35,000	TDR	—	13.00	—	11.50	35,200	3.44	21,800	2.54	8.0/—		
	COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE													
	036-31, 32, 33	CC5A/CD5AA042	34,600	TDR	—	13.00	—	11.40	35,000	3.38	21,600	2.50	7.5/—	
		CC5A/CD5AW036	34,000	TDR	—	13.00	—	11.10	35,000	3.36	21,800	2.48	7.5/—	
CC5A/CD5AW042		34,000	TDR	—	13.00	—	11.20	34,800	3.36	21,600	2.48	7.5/—		
CE3AA036		33,800	TDR	—	13.00	—	11.00	35,000	3.30	21,800	2.48	7.5/—		
CE3AA042		34,600	TDR	—	13.00	—	11.40	35,200	3.44	21,800	2.52	8.0/—		
CK3BA042		34,000	TDR	—	13.00	—	11.25	35,200	3.44	21,800	2.54	8.0/—		
CK5A/CK5BA042		34,000	TDR	—	13.00	—	11.25	35,200	3.44	21,800	2.54	8.0/—		
CK5A/CK5BT042		34,000	TDR	—	13.00	—	11.25	35,200	3.44	21,800	2.54	8.0/—		

See notes on pg. 18.

Combination ratings* continued

UNIT SIZE- SERIES	INDOOR UNIT	ARI STANDARD RATINGS*											
		Cooling					Heating						
		TC	Factory- Supplied Enhance- ment	Seasonal Efficiency SEER			EER	High-Temp		Low-Temp		Seasonal Efficiency HSPF/HSPF LLS	
				Standard Rating	TXV‡	TXV & TDR**		CAP	COP	CAP	COP		
Field-Supplied Accessory													
COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE													
036-31, 32, 33	CC5A/CD5AA042	34,200	TDR	—	13.00	—	11.40	34,800	3.40	21,600	2.52	7.5/-	
	CC5A/CD5AW036	33,600	TDR	—	13.00	—	10.95	35,000	3.36	21,600	2.50	7.5/-	
	CC5A/CD5AW042	34,000	TDR	—	13.00	—	11.30	34,800	3.38	21,600	2.50	7.5/-	
	CE3AA036	33,200	TDR	—	13.00	—	10.85	35,000	3.30	21,600	2.48	7.5/-	
	CE3AA042	34,600	TDR	—	13.00	—	11.45	35,000	3.44	21,600	2.54	8.0/-	
	CK3BA042	34,200	TDR	—	13.00	—	11.30	35,200	3.46	21,600	2.54	8.0/-	
	CK5A/CK5BA042	34,200	TDR	—	13.00	—	11.30	35,200	3.46	21,800	2.56	8.0/-	
	CK5A/CK5BT042	34,200	TDR	—	13.00	—	11.30	35,200	3.46	21,800	2.56	8.0/-	
	CK5A/CK5BW036	34,000	TDR	—	13.00	—	11.20	35,200	3.44	21,800	2.54	8.0/-	
	COILS + 58MVP040-14 VARIABLE-SPEED FURNACE												
	036-31, 32, 33	CC5A/CD5AA042	34,400	TDR	—	12.50	—	10.65	36,000	3.40	22,400	2.46	7.8/-
		CK3BA036	34,400	TDR	—	12.00	—	10.50	36,000	3.40	22,600	2.46	7.8/-
		CK3BA042	34,400	TDR	—	12.50	—	10.65	36,000	3.44	22,400	2.48	8.0/-
		CK5A/CK5BA042	34,400	TDR	—	12.50	—	10.65	36,000	3.44	22,400	2.48	8.0/-
CK5A/CK5BT042		34,400	TDR	—	12.50	—	10.65	36,000	3.44	22,400	2.48	8.0/-	
CK5A/CK5BW036		34,400	TDR	—	12.00	—	10.50	36,000	3.40	22,600	2.46	7.8/-	
COILS + 58MVP060-14 VARIABLE-SPEED FURNACE													
036-31, 32, 33	CK3BA036	34,400	TDR	—	12.00	—	10.55	36,000	3.40	22,400	2.46	7.8/-	
	CK3BA042	34,400	TDR	—	12.50	—	10.65	36,000	3.44	22,400	2.48	8.0/-	
	CK5A/CK5BA036	34,400	TDR	—	12.00	—	10.55	36,000	3.40	22,400	2.46	7.8/-	
	CK5A/CK5BT036	34,400	TDR	—	12.00	—	10.55	36,000	3.40	22,400	2.46	7.8/-	
COILS + 58MVP080-14 VARIABLE-SPEED FURNACE													
036-31, 32, 33	CC5A/CD5AA042	34,600	TDR	—	12.70	—	10.85	35,800	3.44	22,200	2.50	8.0/-	
	CK3BA036	34,400	TDR	—	12.50	—	10.60	36,000	3.42	22,400	2.48	8.0/-	
	CK3BA042	34,600	TDR	—	12.50	—	10.80	36,000	3.46	22,200	2.50	8.0/-	
	CK5A/CK5BA042	34,600	TDR	—	12.50	—	10.80	36,000	3.46	22,200	2.50	8.0/-	
	CK5A/CK5BT042	34,600	TDR	—	12.50	—	10.80	36,000	3.46	22,200	2.50	8.0/-	
	CK5A/CK5BW036	34,400	TDR	—	12.50	—	10.60	36,000	3.42	22,400	2.48	8.0/-	
COILS + 58MVP100-20 VARIABLE-SPEED FURNACE													
036-31, 32, 33	CC5A/CD5AA042	34,600	TDR	—	12.70	—	10.90	35,800	3.44	22,200	2.50	8.0/-	
	CK3BA036	34,600	TDR	—	12.50	—	10.85	36,000	3.48	22,200	2.50	8.0/-	
	CK3BA042	34,600	TDR	—	12.80	—	11.00	35,800	3.50	22,200	2.54	8.0/-	
	CK5A/CK5BA042	34,600	TDR	—	12.80	—	11.00	35,800	3.50	22,200	2.54	8.0/-	
	CK5A/CK5BT042	34,600	TDR	—	12.80	—	11.00	35,800	3.50	22,200	2.54	8.0/-	
	CK5A/CK5BW036	34,600	TDR	—	12.50	—	10.85	36,000	3.48	22,200	2.50	8.0/-	
COILS + 58MVP120-20 VARIABLE-SPEED FURNACE													
036-31, 32, 33	CK3BA036	34,600	TDR	—	12.50	—	10.85	35,800	3.48	22,200	2.52	8.0/-	
	CK3BA042	34,600	TDR	—	12.80	—	11.00	35,800	3.50	22,200	2.54	8.0/-	
	CK5A/CK5BA042	34,600	TDR	—	12.80	—	11.00	35,800	3.50	22,200	2.54	8.0/-	
	CK5A/CK5BT042	34,600	TDR	—	12.80	—	11.00	35,800	3.50	22,200	2.54	8.0/-	
	CK5A/CK5BW036	34,600	TDR	—	12.50	—	10.85	35,800	3.48	22,200	2.52	8.0/-	
	COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE												
042-31, 32, 33	*FK4DNF005	41,000	TDR&TXV	14.00	—	—	12.10	41,000	3.72	24,800	2.66	8.2/8.4	
	CC5A/CD5AA042	39,000	NONE	—	—	12.00	10.75	41,000	3.32	25,400	2.40	7.5/-	
	CC5A/CD5AC048	38,500	NONE	—	—	12.50	10.70	41,000	3.22	25,400	2.38	7.3/-	
	CC5A/CD5AW048	39,000	NONE	—	—	12.50	10.80	41,000	3.36	25,400	2.42	7.5/-	
	CD5AA048	39,000	NONE	—	—	12.50	10.80	41,000	3.36	25,400	2.42	7.5/-	
	CE3AA042	39,500	NONE	—	—	12.00	10.85	41,000	3.36	25,400	2.42	7.5/7.7	
	CE3AA048	39,500	NONE	—	—	12.50	10.85	41,000	3.40	25,400	2.44	7.5/7.7	
	CF5AA048	39,500	NONE	—	—	12.50	10.85	41,000	3.34	25,400	2.42	7.5/-	
	CK3BA042	40,000	NONE	—	—	12.00	10.75	41,000	3.34	25,600	2.42	7.5/-	
	CK3BA048	40,000	NONE	—	—	12.00	10.80	41,000	3.40	25,600	2.44	7.5/-	
	CK5A/CK5BA042	40,000	NONE	—	—	12.00	10.75	41,000	3.34	25,600	2.42	7.5/-	
	CK5A/CK5BA048	40,000	NONE	—	—	12.00	10.80	41,000	3.40	25,600	2.44	7.5/-	
	CK5A/CK5BT042	40,000	NONE	—	—	12.00	10.75	41,000	3.34	25,600	2.42	7.5/-	
	CK5A/CK5BT048	40,000	NONE	—	—	12.00	10.80	41,000	3.40	25,600	2.44	7.5/-	
CK5A/CK5BW048	40,000	NONE	—	—	12.00	10.80	41,000	3.40	25,600	2.44	7.5/-		
F(A,B)4BN(F,B,C)042	39,000	TDR	—	12.00	—	10.65	41,000	3.32	25,600	2.40	7.5/7.7		
F(A,B)4BN(F,B,C)048	39,500	TDR	—	12.50	—	10.80	41,000	3.46	25,600	2.46	7.7/7.9		
FC4CN(F,B)042	39,000	TDR&TXV	—	12.00	—	10.65	41,000	3.32	25,600	2.40	7.5/7.7		
FC4CN(F,B)048	39,500	TDR&TXV	12.50	—	—	10.80	41,000	3.46	25,600	2.46	7.7/7.9		
FG3AAA048	39,000	NONE	—	—	12.00	10.80	41,000	3.38	25,400	2.44	7.5/7.7		
FK4DNF003	39,500	TDR&TXV	13.50	—	—	11.60	40,000	3.42	24,800	2.52	7.8/8.0		
FK4DNF005	41,000	TDR&TXV	14.00	—	—	12.10	41,000	3.72	24,800	2.66	-/8.4		
COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE													
042-31, 32, 33	CC5A/CD5AA042	39,500	TDR	—	13.00	—	11.05	41,000	3.42	25,400	2.48	7.5/-	
	CC5A/CD5AC048	39,000	TDR	—	13.00	—	11.05	41,000	3.32	25,200	2.44	7.5/-	
	CD5AA048	39,500	TDR	—	13.00	—	11.20	41,000	3.46	25,200	2.50	7.5/-	
	CE3AA042	39,500	TDR	—	13.50	—	11.10	41,500	3.48	25,400	2.50	7.5/-	
	CE3AA048	40,000	TDR	—	13.00	—	11.20	41,500	3.52	25,400	2.52	7.7/-	

See notes on pg. 18.

Combination ratings* continued

UNIT SIZE- SERIES	INDOOR UNIT	ARI STANDARD RATINGS*											
		Cooling						Heating				Seasonal Efficiency HSPF/HSPF LLS	
		TC	Factory- Supplied Enhance- ment	Standard Rating	Seasonal Efficiency SEER		EER	High-Temp		Low-Temp			
					TXV‡	TXV & TDR**		CAP	COP	CAP	COP		
Field-Supplied Accessory													
042-31, 32, 33	CK3BA042	39,500	TDR	—	13.00	—	11.05	41,500	3.50	25,400	2.52	7.7/-	
	CK3BA048	41,000	TDR	—	13.00	—	11.55	41,500	3.56	25,400	2.54	8.0/-	
	CK5A/CK5BA042	39,500	TDR	—	13.00	—	11.05	42,000	3.52	25,400	2.52	7.7/-	
	CK5A/CK5BA048	39,500	TDR	—	13.00	—	11.15	41,500	3.56	25,400	2.54	8.0/-	
	CK5A/CK5BE042	40,500	TDR	—	13.00	—	11.40	41,500	3.56	25,400	2.52	7.7/-	
	CK5A/CK5BT042	40,500	TDR	—	13.00	—	11.40	41,500	3.50	25,400	2.52	7.7/-	
	CK5A/CK5BT048	41,000	TDR	—	13.50	—	11.50	41,500	3.56	25,400	2.54	8.0/-	
	COILS + 58CV(A,X)110-22 VARIABLE-SPEED FURNACE												
	CC5A/CD5AA042	39,500	TDR	—	13.00	—	11.20	41,000	3.44	25,200	2.48	7.5/-	
	CC5A/CD5AC048	39,500	TDR	—	13.00	—	11.20	40,500	3.34	25,000	2.46	7.5/-	
	CC5A/CD5AW042	40,000	TDR	—	13.00	—	11.35	41,000	3.38	25,200	2.46	7.5/-	
	CC5A/CD5AW048	39,500	TDR	—	13.00	—	11.30	41,000	3.50	25,200	2.52	7.7/-	
	CD5AA048	39,500	TDR	—	13.00	—	11.30	41,000	3.50	25,200	2.52	7.7/-	
	CE3AA042	41,000	TDR	—	13.50	—	11.55	41,000	3.50	25,200	2.52	7.7/-	
	CE3AA048	41,000	TDR	—	13.50	—	11.60	41,500	3.54	25,400	2.54	7.7/-	
	CK3BA042	39,500	TDR	—	13.00	—	11.15	41,500	3.54	25,400	2.54	7.7/-	
	CK3BA048	39,500	TDR	—	13.00	—	11.30	41,500	3.60	25,400	2.56	8.0/-	
	CK5A/CK5BA042	39,500	TDR	—	13.50	—	11.15	41,500	3.54	25,400	2.54	7.7/-	
	CK5A/CK5BA048	39,500	TDR	—	13.00	—	11.30	41,500	3.60	25,400	2.56	8.0/-	
	CK5A/CK5BT042	39,500	TDR	—	13.00	—	11.15	41,500	3.54	25,400	2.54	7.7/-	
	CK5A/CK5BT048	41,000	TDR	—	13.50	—	11.65	41,500	3.60	25,400	2.56	8.0/-	
	CK5A/CK5BW048	40,000	TDR	—	13.00	—	11.35	41,500	3.60	25,400	2.56	8.0/-	
	COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE												
	CC5A/CD5AA042	39,500	TDR	—	13.00	—	11.20	41,000	3.44	25,200	2.48	7.5/-	
	CC5A/CD5AC048	39,500	TDR	—	13.00	—	11.25	40,500	3.34	25,000	2.46	7.5/-	
	CC5A/CD5AW042	39,500	TDR	—	13.00	—	11.10	41,000	3.38	25,200	2.46	7.5/-	
CC5A/CD5AW048	40,500	TDR	—	13.00	—	11.60	41,000	3.50	25,000	2.52	7.7/-		
CD5AA048	39,500	TDR	—	13.00	—	11.35	41,000	3.50	25,200	2.52	7.7/-		
CE3AA042	41,000	TDR	—	13.50	—	11.55	41,000	3.50	25,200	2.52	7.7/-		
CE3AA048	41,000	TDR	—	13.50	—	11.60	41,500	3.54	25,400	2.54	7.7/-		
CK3BA042	39,500	TDR	—	13.50	—	11.20	41,500	3.54	25,400	2.54	7.7/-		
CK3BA048	40,000	TDR	—	13.50	—	11.45	41,500	3.60	25,200	2.56	8.0/-		
CK5A/CK5BA042	40,500	TDR	—	13.50	—	11.50	41,500	3.54	25,400	2.54	7.7/-		
CK5A/CK5BA048	41,000	TDR	—	13.50	—	11.65	41,500	3.60	25,200	2.56	8.0/-		
CK5A/CK5BT042	39,500	TDR	—	13.50	—	11.25	41,500	3.54	25,400	2.54	7.7/-		
CK5A/CK5BT048	39,500	TDR	—	13.00	—	11.35	41,500	3.60	25,200	2.56	8.0/-		
CK5A/CK5BW048	39,500	TDR	—	13.50	—	11.30	41,500	3.60	25,200	2.56	8.0/-		
COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE													
CC5A/CD5AA042	39,500	TDR	—	13.50	—	11.25	41,000	3.44	25,200	2.50	7.5/-		
CC5A/CD5AC048	39,500	TDR	—	13.50	—	11.35	40,500	3.34	25,000	2.48	7.5/-		
CC5A/CD5AW042	39,500	TDR	—	13.00	—	11.15	41,000	3.38	25,200	2.46	7.5/-		
CC5A/CD5AW048	39,500	TDR	—	13.00	—	11.35	41,000	3.50	25,000	2.52	7.7/-		
CD5AA048	40,500	TDR	—	13.50	—	11.65	41,000	3.50	25,000	2.52	7.7/-		
CE3AA042	41,000	TDR	—	13.50	—	11.60	41,000	3.52	25,200	2.52	7.7/-		
CE3AA048	41,000	TDR	—	13.50	—	11.65	41,500	3.54	25,200	2.54	7.7/-		
CK3BA042	40,500	TDR	—	13.00	—	11.50	41,500	3.54	25,200	2.54	7.7/-		
CK3BA048	40,000	TDR	—	13.00	—	11.40	41,500	3.60	25,200	2.56	8.0/-		
CK5A/CK5BA042	41,000	TDR	—	13.50	—	11.55	41,500	3.54	25,200	2.54	7.7/-		
CK5A/CK5BA048	40,000	TDR	—	13.50	—	11.40	41,500	3.60	25,200	2.56	8.0/-		
CK5A/CK5BT042	41,000	TDR	—	13.50	—	11.60	41,500	3.54	25,200	2.54	7.7/-		
CK5A/CK5BT048	40,000	TDR	—	13.50	—	11.40	41,500	3.60	25,200	2.56	8.0/-		
CK5A/CK5BW048	41,000	TDR	—	13.50	—	11.70	41,500	3.60	25,200	2.56	8.0/-		
COILS + 58MVP040-14 VARIABLE-SPEED FURNACE													
CK3BA048	40,000	TDR	—	12.50	—	10.75	42,000	3.44	26,000	2.44	7.5/-		
CK5A/CK5BW048	40,000	TDR	—	12.50	—	10.75	42,000	3.44	26,000	2.44	7.5/-		
COILS + 58MVP060-14 VARIABLE-SPEED FURNACE													
CK3BA048	40,000	TDR	—	12.50	—	10.85	42,000	3.46	25,800	2.46	7.5/-		
COILS + 58MVP080-14 VARIABLE-SPEED FURNACE													
CD5AA048	39,000	TDR	—	13.00	—	11.05	41,000	3.32	25,200	2.42	7.5/-		
CK3BA042	40,000	TDR	—	12.50	—	10.75	42,000	3.40	25,800	2.44	7.5/-		
CK3BA048	40,500	TDR	—	12.50	—	11.00	42,000	3.50	25,800	2.48	7.5/-		
CK5A/CK5BA042	40,000	TDR	—	12.50	—	10.75	42,000	3.40	25,800	2.44	7.5/-		
CK5A/CK5BA048	40,500	TDR	—	12.50	—	11.00	42,000	3.50	25,800	2.48	7.5/-		
CK5A/CK5BT042	40,000	TDR	—	12.50	—	10.75	42,000	3.40	25,800	2.44	7.5/-		
CK5A/CK5BT048	40,500	TDR	—	12.50	—	11.00	42,000	3.50	25,800	2.48	7.5/-		
COILS + 58MVP100-20 VARIABLE-SPEED FURNACE													
CD5AA048	39,500	TDR	—	13.00	—	11.15	41,000	3.34	25,000	2.44	7.5/-		
CK3BA042	40,000	TDR	—	12.50	—	11.00	41,000	3.46	25,600	2.46	7.5/-		
CK3BA048	40,500	TDR	—	13.00	—	11.20	41,000	3.54	25,600	2.52	7.7/-		
CK5A/CK5BA042	40,000	TDR	—	12.50	—	11.00	41,000	3.46	25,600	2.46	7.5/-		

See notes on pg. 18.

Combination ratings* continued

UNIT SIZE- SERIES	INDOOR UNIT	ARI STANDARD RATINGS*											
		Cooling						Heating					
		TC	Seasonal Efficiency SEER			EER	High-Temp		Low-Temp		Seasonal Efficiency HSPF/HSPF LLS		
			Factory- Supplied Enhance- ment	Standard Rating	Field-Supplied Accessory		CAP	COP	CAP	COP			
TXV‡	TXV & TDR**												
042-31, 32, 33	CK5A/CK5BA048	40,500	TDR	—	13.00	—	11.20	41,000	3.54	25,600	2.52	7.7/-	
	CK5A/CK5BT042	40,000	TDR	—	12.50	—	11.00	41,000	3.46	25,600	2.46	7.5/-	
	CK5A/CK5BT048	40,500	TDR	—	13.00	—	11.20	41,000	3.54	25,600	2.52	7.7/-	
	COILS + 58MVP120-20 VARIABLE-SPEED FURNACE												
	CK3BA042	40,000	TDR	—	13.00	—	11.10	41,000	3.46	25,600	2.48	7.5/-	
	CK3BA048	40,500	TDR	—	13.00	—	11.25	41,000	3.54	25,600	2.52	7.7/-	
	CK5A/CK5BA042	40,000	TDR	—	13.00	—	11.10	41,000	3.46	25,600	2.48	7.5/-	
	CK5A/CK5BT042	40,000	TDR	—	13.00	—	11.10	41,000	3.46	25,600	2.48	7.5/-	
	CK5A/CK5BW048	40,500	TDR	—	13.00	—	11.25	41,000	3.54	25,600	2.52	7.7/-	
	048-31, 33, 34	*FK4DNF005	47,500	TDR&TXV	12.50	—	—	10.75	49,500	3.52	31,400	2.68	8.6/8.8
CC5A/CD5AA060		45,000	NONE	—	—	11.20	9.80	49,500	3.14	31,600	2.44	7.7/7.9	
CC5A/CD5AC048		44,500	NONE	—	—	11.10	9.75	49,500	3.18	31,800	2.46	8.0/8.2	
CC5A/CD5AW048		44,500	NONE	—	—	11.10	9.75	49,500	3.18	31,800	2.46	8.0/8.2	
CC5A/CD5AW060		46,000	NONE	—	—	11.50	10.00	50,000	3.34	31,800	2.54	8.2/8.4	
CE3AA048		45,000	NONE	—	—	11.20	9.85	49,500	3.22	31,800	2.48	8.0/8.2	
CE3AA060		46,000	NONE	—	—	11.50	10.10	50,000	3.34	31,800	2.54	8.2/8.4	
CF5AA048		45,000	NONE	—	—	11.20	9.85	49,500	3.16	31,600	2.44	7.8/8.0	
CK5A/CK5BA048		45,500	NONE	—	—	11.30	10.05	49,500	3.28	31,800	2.52	8.0/8.2	
CK5A/CK5BA060		46,500	NONE	—	—	11.50	10.20	49,500	3.32	32,000	2.54	8.0/8.2	
CK5A/CK5BT048		45,500	NONE	—	—	11.30	10.05	49,500	3.28	31,800	2.52	8.0/8.2	
CK5A/CK5BT060		46,500	NONE	—	—	11.50	10.20	49,500	3.32	32,000	2.54	8.0/8.2	
CK5A/CK5BW048		45,500	NONE	—	—	11.30	10.05	49,500	3.28	31,800	2.52	8.0/8.2	
CK5A/CK5BX060		47,000	NONE	—	—	11.50	10.35	50,000	3.44	32,000	2.60	8.5/8.7	
F(A,B)4BN(F,B,C)048		45,500	TDR	—	11.10	—	9.75	50,000	3.30	32,000	2.50	8.1/8.3	
F(A,B)4BN(F,B,C)060		46,500	TDR	—	11.20	—	9.80	50,500	3.40	32,400	2.54	8.3/8.5	
FB4BNB070		47,500	TDR	—	11.50	—	10.15	51,000	3.56	32,200	2.76	8.7/8.9	
FC4CN(F,B)048		45,500	TDR&TXV	11.10	—	—	9.75	50,000	3.30	32,000	2.50	8.1/8.3	
FC4CN(F,B)060		46,500	TDR&TXV	11.20	—	—	9.80	50,500	3.40	32,400	2.54	8.3/8.5	
FC4CNB054		47,500	TDR&TXV	12.00	—	—	10.35	50,500	3.62	32,000	2.70	8.7/8.9	
FC4CNB070		47,500	TDR&TXV	11.50	—	—	10.15	51,000	3.56	32,200	2.76	8.7/8.9	
FG3AAA048		44,500	NONE	—	—	11.10	9.75	49,500	3.22	31,800	2.48	8.0/8.2	
FG3AAA060		45,500	NONE	—	—	11.50	10.00	49,500	3.26	31,800	2.50	8.0/8.2	
FK4DNB006		48,000	TDR&TXV	13.00	—	—	11.05	49,500	3.70	31,400	2.76	9.0/9.2	
FK4DNF005		47,500	TDR&TXV	12.50	—	—	10.75	49,500	3.52	31,400	2.68	-8.8	
COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE													
048-31, 33, 34		CC5A/CD5AC048	44,000	TDR	—	11.50	—	10.05	48,500	3.12	31,200	2.46	8.0/-
		CD5AA048	44,500	TDR	—	11.70	—	10.15	49,000	3.30	31,400	2.52	8.0/-
		CE3AA048	45,000	TDR	—	11.70	—	10.15	49,500	3.34	31,600	2.54	8.5/-
		CE3AA060	46,500	TDR	—	12.00	—	10.50	49,500	3.42	31,600	2.62	8.5/-
		CK3BA048	45,000	TDR	—	11.70	—	10.15	49,500	3.40	31,600	2.58	8.5/-
		CK5A/CK5BA048	46,500	TDR	—	11.70	—	10.45	49,500	3.40	31,600	2.58	8.5/-
	CK5A/CK5BT048	45,000	TDR	—	11.70	—	10.15	49,500	3.40	31,600	2.58	8.5/-	
	COILS + 58CV(A,X)110-22 VARIABLE-SPEED FURNACE												
	CC5A/CD5AA060	45,000	TDR	—	12.00	—	10.40	48,500	3.26	31,000	2.54	8.2/-	
	CC5A/CD5AC048	44,500	TDR	—	12.00	—	10.25	48,500	3.14	31,000	2.50	8.0/-	
CC5A/CD5AW048	45,000	TDR	—	12.00	—	10.35	49,000	3.32	31,000	2.54	8.2/-		
CD5AA048	45,000	TDR	—	12.00	—	10.35	49,000	3.32	31,200	2.56	8.2/-		
CE3AA048	45,500	TDR	—	12.00	—	10.35	49,500	3.38	31,200	2.58	8.5/-		
CE3AA060	46,500	TDR	—	12.50	—	10.70	49,500	3.46	31,400	2.64	8.5/-		
CK3BA048	45,000	TDR	—	12.00	—	10.35	49,500	3.42	31,400	2.60	8.5/-		
CK3BA060	46,500	TDR	—	12.50	—	10.65	50,000	3.62	31,400	2.68	8.7/-		
CK5A/CK5BA048	45,000	TDR	—	12.00	—	10.35	49,500	3.42	31,400	2.60	8.5/-		
CK5A/CK5BA060	46,500	TDR	—	12.50	—	10.65	50,000	3.62	31,400	2.68	8.7/-		
CK5A/CK5BT048	45,000	TDR	—	12.00	—	10.35	49,500	3.42	31,400	2.60	8.5/-		
CK5A/CK5BT060	46,500	TDR	—	12.50	—	10.65	50,000	3.62	31,400	2.68	8.7/-		
CK5A/CK5BW048	45,000	TDR	—	12.00	—	10.35	49,500	3.42	31,400	2.60	8.5/-		
CK5A/CK5BX060	47,500	TDR	—	12.50	—	10.95	49,500	3.62	31,400	2.70	8.7/-		
COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE													
048-31, 33, 34	CC5A/CD5AA060	45,000	TDR	—	12.00	—	10.35	48,500	3.24	31,200	2.54	8.0/-	
	CC5A/CD5AC048	44,500	TDR	—	12.00	—	10.25	48,500	3.14	31,000	2.48	8.0/-	
	CC5A/CD5AW048	45,000	TDR	—	12.00	—	10.30	49,000	3.32	31,200	2.54	8.2/-	
	CC5A/CD5AW060	47,000	TDR	—	12.50	—	10.75	49,500	3.46	31,400	2.62	8.5/-	
	CD5AA048	45,000	TDR	—	12.00	—	10.30	49,000	3.32	31,200	2.56	8.2/-	
	CE3AA048	45,500	TDR	—	12.00	—	10.30	49,500	3.38	31,400	2.56	8.5/-	
	CE3AA060	46,500	TDR	—	12.50	—	10.70	49,500	3.44	31,400	2.64	8.5/-	
	CK3BA048	45,000	TDR	—	12.00	—	10.30	49,500	3.42	31,400	2.62	8.5/-	
	CK3BA060	46,500	TDR	—	12.30	—	10.60	50,000	3.60	31,400	2.68	8.7/-	
	CK5A/CK5BA048	45,000	TDR	—	12.00	—	10.30	49,500	3.42	31,400	2.62	8.5/-	
	CK5A/CK5BA060	46,500	TDR	—	12.30	—	10.60	50,000	3.60	31,400	2.68	8.7/-	
	CK5A/CK5BT048	45,000	TDR	—	12.00	—	10.30	49,500	3.42	31,400	2.62	8.5/-	
	CK5A/CK5BT060	46,500	TDR	—	12.30	—	10.60	50,000	3.60	31,400	2.68	8.7/-	
	CK5A/CK5BW048	45,000	TDR	—	12.00	—	10.30	49,500	3.42	31,400	2.62	8.5/-	

See notes on pg. 18.

Combination ratings* continued

UNIT SIZE- SERIES	INDOOR UNIT	ARI STANDARD RATINGS*											
		Cooling						Heating					
		TC	Seasonal Efficiency SEER				EER	High-Temp		Low-Temp		Seasonal Efficiency HSPF/HSPF LLS	
			Factory- Supplied Enhance- ment	Standard Rating	TXV‡	Field-Supplied Accessory TXV & TDR**		CAP	COP	CAP	COP		
048-31, 33, 34	CK5A/CK5BX060	47,500	TDR	—	12.50	—	10.85	49,500	3.60	31,400	2.70	8.7/-	
	COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE												
	CC5A/CD5AA060	45,000	TDR	—	12.00	—	10.45	48,500	3.26	31,000	2.54	8.0/-	
	CC5A/CD5AC048	44,500	TDR	—	12.50	—	10.35	48,500	3.16	30,800	2.50	8.0/-	
	CC5A/CD5AW048	45,000	TDR	—	12.00	—	10.40	49,000	3.32	31,000	2.56	8.2/-	
	CC5A/CD5AW060	46,500	TDR	—	12.50	—	10.75	49,500	3.48	31,200	2.64	8.5/-	
	CD5AA048	46,500	TDR	—	12.00	—	10.70	49,000	3.34	31,000	2.56	8.2/-	
	CE3AA048	45,500	TDR	—	12.00	—	10.40	49,500	3.40	31,200	2.58	8.5/-	
	CE3AA060	47,000	TDR	—	12.50	—	10.80	49,500	3.46	31,200	2.66	8.5/-	
	CK3BA048	46,500	TDR	—	12.00	—	10.70	49,500	3.44	31,400	2.62	8.5/-	
	CK3BA060	46,500	TDR	—	12.50	—	10.70	49,500	3.62	31,400	2.68	8.7/-	
	CK5A/CK5BA048	46,500	TDR	—	12.00	—	10.70	49,500	3.44	31,400	2.62	8.5/-	
	CK5A/CK5BA060	46,500	TDR	—	12.50	—	10.70	49,500	3.62	31,400	2.68	8.7/-	
	CK5A/CK5BT048	46,500	TDR	—	12.00	—	10.70	49,500	3.44	31,400	2.62	8.5/-	
	CK5A/CK5BT060	46,500	TDR	—	12.50	—	10.70	49,500	3.62	31,400	2.70	8.7/-	
	CK5A/CK5BW048	46,500	TDR	—	12.00	—	10.65	49,500	3.44	31,400	2.62	8.5/-	
	CK5A/CK5BX060	47,500	TDR	—	12.50	—	10.95	49,500	3.62	31,400	2.70	8.2/-	
	COILS + 58MVP040-14 VARIABLE-SPEED FURNACE												
	CC5A/CD5AA060	44,500	TDR	—	11.10	—	9.80	49,000	3.06	31,800	2.42	7.7/7.9	
	CC5A/CD5AW060	45,500	TDR	—	11.50	—	10.10	49,000	3.30	31,800	2.54	8.1/8.3	
	COILS + 58MVP060-14 VARIABLE-SPEED FURNACE												
	CC5A/CD5AA060	44,500	TDR	—	11.20	—	9.90	49,000	3.08	31,600	2.44	7.7/7.9	
	CC5A/CD5AW060	45,500	TDR	—	11.50	—	10.15	49,500	3.30	31,800	2.54	8.2/8.4	
	COILS + 58MVP080-14 VARIABLE-SPEED FURNACE												
	CC5A/CD5AA060	44,500	TDR	—	11.50	—	10.05	48,500	3.12	31,400	2.46	7.8/8.0	
	CC5A/CD5AW060	46,000	TDR	—	12.00	—	10.35	49,000	3.34	31,600	2.58	8.2/8.4	
	COILS + 58MVP100-20 VARIABLE-SPEED FURNACE												
	CC5A/CD5AA060	44,500	TDR	—	11.50	—	10.15	48,500	3.12	31,400	2.48	7.8/8.0	
	CC5A/CD5AW060	46,000	TDR	—	12.00	—	10.45	49,000	3.36	31,400	2.58	8.2/8.4	
	CK5A/CK5BA060	47,000	TDR	—	11.50	—	10.20	50,000	3.40	32,200	2.58	8.5/8.7	
	CK5A/CK5BT060	47,000	TDR	—	11.50	—	10.20	50,000	3.40	32,200	2.58	8.5/8.7	
	CK5A/CK5BX060	48,500	TDR	—	13.00	—	11.15	49,500	3.70	31,400	2.76	9.0/9.2	
	COILS + 58MVP120-20 VARIABLE-SPEED FURNACE												
	CK5A/CK5BA048	46,500	TDR	—	11.50	—	10.05	50,000	3.36	32,200	2.56	8.3/8.5	
	CK5A/CK5BA060	47,500	TDR	—	11.50	—	10.30	50,000	3.42	32,200	2.60	8.5/8.7	
	CK5A/CK5BT048	46,500	TDR	—	11.50	—	10.05	50,000	3.36	32,200	2.56	8.3/8.5	
	CK5A/CK5BT060	47,500	TDR	—	11.50	—	10.30	50,000	3.42	32,200	2.60	8.5/8.7	
	CK5A/CK5BW048	46,500	TDR	—	11.50	—	10.05	50,000	3.36	32,200	2.56	8.3/8.5	
	CK5A/CK5BX060	48,000	TDR	—	12.00	—	10.50	50,500	3.56	32,200	2.66	8.7/8.9	
	060-30, 31, 32	*FK4DNB006	59,000	TDR&TXV	12.50	—	—	10.90	61,000	3.32	39,000	2.58	8.3/8.5
		CC5A/CD5AA060	55,500	NONE	—	—	11.50	10.00	61,000	2.82	38,500	2.30	7.3/-
		CC5A/CD5AW060	56,500	NONE	—	—	11.50	10.20	61,000	3.00	39,000	2.40	7.7/-
		CE3AA060	57,500	NONE	—	—	12.00	10.35	61,000	3.00	39,000	2.40	7.7/7.9
		CK3BA060	57,500	NONE	—	—	11.50	10.30	61,000	2.94	39,000	2.38	7.5/-
		CK5A/CK5BA060	57,500	NONE	—	—	11.50	10.30	61,000	2.94	39,000	2.38	7.5/-
		CK5A/CK5BT060	57,500	NONE	—	—	11.50	10.30	61,000	2.94	39,000	2.38	7.5/-
		CK5A/CK5BX060	58,000	NONE	—	—	12.00	10.40	61,000	3.08	39,000	2.44	7.8/-
		F(A,B)4BN(F,B,C)060	57,500	TDR	—	11.50	—	10.00	61,000	3.06	39,500	2.40	7.8/8.0
		FB4BNB070	58,500	TDR	—	12.00	—	10.35	61,000	3.22	39,500	2.48	8.0/8.2
		FC4CN(F,B)060	57,500	TDR&TXV	11.50	—	—	10.00	61,000	3.06	39,500	2.40	7.8/8.0
FC4CNB070		58,500	TDR&TXV	12.00	—	—	10.35	61,000	3.22	39,500	2.48	8.0/8.2	
FG3AAA060		56,500	NONE	—	—	11.50	10.20	61,000	2.94	39,000	2.36	7.5/7.7	
FK4DNB006		59,000	TDR&TXV	12.50	—	—	10.90	61,000	3.32	39,000	2.58	-/8.5	
COILS + 58CV(A,X)110-22 VARIABLE-SPEED FURNACE													
CC5A/CD5AA060		55,500	TDR	—	11.70	—	10.20	61,000	2.88	38,000	2.34	7.2/-	
CK3BA060		56,500	TDR	—	11.70	—	10.35	62,500	3.20	38,500	2.48	7.7/-	
CK5A/CK5BA060		56,500	TDR	—	11.70	—	10.35	62,500	3.20	38,500	2.48	7.7/-	
CK5A/CK5BT060		56,500	TDR	—	11.70	—	10.35	62,500	3.20	38,500	2.48	7.7/-	
CK5A/CK5BX060		58,500	TDR	—	12.00	—	10.70	62,500	3.18	38,500	2.52	8.0/-	
COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE													
CC5A/CD5AA060		55,500	TDR	—	11.50	—	10.15	61,000	2.88	38,000	2.34	7.2/-	
CC5A/CD5AW060		57,000	TDR	—	12.00	—	10.50	62,000	3.08	38,500	2.44	7.5/-	
CK3BA060		56,500	TDR	—	11.70	—	10.35	62,500	3.18	38,500	2.48	7.7/-	
CK5A/CK5BA060		56,500	TDR	—	11.70	—	10.35	62,500	3.18	38,500	2.48	7.7/-	
CK5A/CK5BT060	56,500	TDR	—	11.70	—	10.35	62,500	3.18	38,500	2.48	7.7/-		
CK5A/CK5BX060	58,500	TDR	—	12.00	—	10.70	62,500	3.18	38,500	2.50	8.0/-		
COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE													
CC5A/CD5AA060	55,500	TDR	—	11.70	—	10.25	61,000	2.90	38,000	2.36	7.2/-		
CC5A/CD5AW060	57,000	TDR	—	12.00	—	10.55	62,000	3.08	38,000	2.44	7.5/-		
CK3BA060	56,500	TDR	—	12.00	—	10.40	62,500	3.20	38,500	2.50	7.7/-		
CK5A/CK5BA060	56,500	TDR	—	12.00	—	10.40	62,500	3.20	38,500	2.50	7.7/-		

See notes on pg. 18.

Combination ratings* continued

UNIT SIZE- SERIES	INDOOR UNIT	ARI STANDARD RATINGS*										
		Cooling						Heating				
		TC	Seasonal Efficiency SEER				EER	High-Temp		Low-Temp		Seasonal Efficiency HSPF/HSPF LLS
			Factory- Supplied Enhance- ment	Standard Rating	Field-Supplied Accessory			CAP	COP	CAP	COP	
TXV‡	TXV & TDR**											
060-30, 31, 32	CK5A/CK5BT060	56,500	TDR	—	12.00	—	10.40	62,500	3.20	38,500	2.50	7.7/—
	CK5A/CK5BX060	58,500	TDR	—	12.50	—	10.75	62,500	3.20	38,500	2.52	8.0/—
	COILS + 58CV(A,X)070-12 VARIABLE-SPEED FURNACE											
	CC5A/CD5AA060	55,000	TDR	—	11.20	—	9.80	61,000	2.80	39,500	2.30	7.2/—
	CC5A/CD5AW060	56,500	TDR	—	11.50	—	10.10	61,000	3.00	39,500	2.40	7.5/—

* 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.

‡ Requires hard shutoff TXV; based on computer simulation.

** TDR is on all furnaces, except 58GFA.

SEER — Seasonal Energy Efficiency Ratio

LSV — Liquid Solenoid Valve

COP — Coefficient of Performance

TDR — Time-Delay Relay

HSPF — Heating Seasonal Performance Factor

TXV — Thermostatic Expansion Valve

TC — Total Capacity (Btuh)

EER — Energy Efficiency Ratio

Detailed cooling capacities*

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																							
		75				85				95				105				115				125			
		CFM	EWB	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**				
Total	Sens‡			Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡					
38YRA018-32, 33, 34 Outdoor Section With FC4CNF024 Indoor Section																									
550	72	21.5	10.7	1.31	20.6	10.4	1.46	19.6	10.1	1.63	18.7	9.73	1.82	17.8	9.40	2.03	16.8	9.07	2.26						
	67	19.7	13.7	1.30	18.9	13.3	1.45	18.0	13.0	1.63	17.2	12.6	1.82	16.3	12.3	2.02	15.4	11.9	2.24						
	63††	18.4	13.3	1.30	17.6	12.9	1.45	16.8	12.6	1.62	16.0	12.3	1.81	15.1	11.9	2.01	14.2	11.5	2.23						
	62	18.1	16.5	1.30	17.3	16.1	1.45	16.6	15.8	1.62	15.8	15.4	1.81	15.0	14.9	2.01	14.3	14.3	2.23						
	57	17.6	17.6	1.29	16.9	16.9	1.45	16.3	16.3	1.62	15.6	15.6	1.80	15.0	15.0	2.01	14.3	14.3	2.24						
600	72	21.8	11.1	1.33	20.8	10.7	1.48	19.9	10.4	1.65	19.0	10.1	1.85	17.9	9.72	2.05	17.0	9.38	2.28						
	67	19.9	14.2	1.32	19.1	13.9	1.47	18.2	13.5	1.65	17.4	13.2	1.84	16.4	12.8	2.04	15.5	12.5	2.26						
	63††	18.6	13.8	1.31	17.7	13.5	1.46	16.9	13.1	1.64	16.1	12.8	1.83	15.2	12.4	2.03	14.3	12.0	2.25						
	62	18.3	17.3	1.31	17.5	16.9	1.46	16.8	16.5	1.64	16.1	16.0	1.83	15.3	15.3	2.03	14.6	14.6	2.25						
	57	18.0	18.0	1.31	17.3	17.3	1.46	16.7	16.7	1.64	16.0	16.0	1.82	15.3	15.3	2.03	14.6	14.6	2.26						
650	72	21.9	11.4	1.34	20.9	11.0	1.50	20.0	10.7	1.67	19.1	10.4	1.87	18.0	10.0	2.07	17.0	9.68	2.30						
	67	20.1	14.8	1.34	19.2	14.4	1.49	18.3	14.1	1.66	17.5	13.7	1.86	16.5	13.3	2.05	15.6	13.0	2.28						
	63††	18.7	14.3	1.33	18.0	14.0	1.49	17.1	13.6	1.66	16.3	13.3	1.85	15.3	12.9	2.04	14.4	12.5	2.27						
	62	18.5	18.0	1.33	17.8	17.5	1.48	17.0	17.0	1.66	16.4	16.4	1.85	15.6	15.6	2.05	14.8	14.8	2.28						
	57	18.4	18.4	1.33	17.7	17.7	1.48	17.0	17.0	1.66	16.3	16.3	1.84	15.6	15.6	2.05	14.9	14.9	2.28						

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	018	0.98	1.00	CK5A/CK5BA	018	0.98	0.91
	024	1.01	0.99		024	1.01	0.91
CC5A/CD5AW	024	1.01	0.99	CK5A/CK5BW	024	1.01	0.91
CE3AA	024	1.01	0.99	COILS + 58MVP040-14 VARIABLE-SPEED FURNACE			
CF5AA	024	1.01	0.98	CC5A/CD5AA	024	1.02	0.90
CK3BA	024	0.97	0.97	CC5A/CD5AW	024	1.02	0.90
CK5A/CK5BA	018	0.95	0.97	CK3BA	024	1.01	0.90
	024	0.99	0.99		018	0.99	0.92
CK5A/CK5BW	024	0.99	0.99	024	1.01	0.90	
F(A,B)4BN(F,C)	018	0.97	1.00	CK5A/CK5BW	024	1.01	0.90
	024	1.00	1.00		COILS + 58MVP060-14 VARIABLE-SPEED FURNACE		
FC4CNF	024	1.00	1.00	CC5A/CD5AA	024	1.02	0.91
FF1DN(A,E)	018	0.98	0.96	CC5A/CD5AW	024	1.02	0.91
	024	1.02	0.99	CK3BA	024	1.01	0.91
FG3AAA	024	1.00	1.00	CK5A/CK5BA	018	0.99	0.92
FK4DNF	001	1.04	0.88		024	1.01	0.91
	002	1.05	0.88	CK5A/CK5BW	024	1.01	0.91
COILS + 58CV(A,X)070-12 VARIABLE-SPEED FURNACE				COILS + 58MVP080-14 VARIABLE-SPEED FURNACE			
CC5A/CD5AA	018	0.95	0.91	CC5A/CD5AA	024	1.02	0.90
	024	0.98	0.91		CC5A/CD5AW	024	1.02
CC5A/CD5AW	024	0.98	0.91	CK3BA	024	1.01	0.90
CE3AA	024	0.99	0.91	CK5A/CK5BA	018	0.99	0.91
CK3BA	024	1.01	0.91		024	1.01	0.90
	—	—	—	CK5A/CK5BW	024	1.01	0.90

See notes on pg. 29.

Detailed cooling capacities* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																							
		75				85				95				105				115				125			
		CFM	EWB	Capacity MBtu/h†		Total Sys-tem kW**	Capacity MBtu/h†		Total Sys-tem kW**	Capacity MBtu/h†		Total Sys-tem kW**	Capacity MBtu/h†		Total Sys-tem kW**	Capacity MBtu/h†		Total Sys-tem kW**	Capacity MBtu/h†		Total Sys-tem kW**				
Total	Sens‡			Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡					
38YRA024-32, 33, 34 Outdoor Section With FC4CNF030 Indoor Section																									
700	72	28.3	14.0	1.67	27.0	13.5	1.91	25.7	13.0	2.17	24.4	12.6	2.47	23.1	12.1	2.79	21.6	11.6	3.11						
	67	25.9	17.6	1.67	24.8	17.2	1.91	23.6	16.7	2.17	22.3	16.2	2.46	21.1	15.7	2.77	19.9	15.2	3.10						
	63††	24.2	17.2	1.67	23.1	16.7	1.91	21.9	16.2	2.16	20.8	15.7	2.45	19.6	15.2	2.76	18.3	14.6	3.06						
	62	23.7	21.2	1.67	22.7	20.7	1.91	21.6	20.2	2.16	20.5	19.6	2.45	19.4	19.0	2.75	18.3	18.3	3.07						
	57	22.8	22.8	1.66	22.0	22.0	1.91	21.2	21.2	2.18	20.2	20.2	2.45	19.2	19.2	2.74	18.3	18.3	3.06						
800	72	28.7	14.6	1.70	27.4	14.1	1.94	26.2	13.7	2.21	24.9	13.2	2.51	23.4	12.7	2.82	21.9	12.2	3.14						
	67	26.4	18.7	1.70	25.1	18.2	1.94	24.0	17.8	2.21	22.8	17.3	2.51	21.4	16.7	2.81	20.1	16.2	3.13						
	63††	24.6	18.2	1.70	23.4	17.7	1.94	22.4	17.2	2.21	21.1	16.7	2.49	19.9	16.2	2.79	18.5	15.6	3.09						
	62	24.2	22.6	1.70	23.1	22.1	1.94	22.1	21.5	2.21	21.0	20.9	2.50	19.9	19.9	2.79	18.9	18.9	3.12						
	57	23.7	23.7	1.71	22.8	22.8	1.94	21.9	21.9	2.21	20.9	20.9	2.49	19.9	19.9	2.78	18.8	18.8	3.10						
900	72	29.0	15.2	1.73	27.7	14.7	1.97	26.5	14.3	2.25	25.1	13.8	2.54	23.6	13.3	2.85	22.0	12.7	3.17						
	67	26.6	19.7	1.73	25.4	19.2	1.97	24.2	18.8	2.24	23.0	18.3	2.54	21.6	17.7	2.84	20.2	17.2	3.17						
	63††	24.9	19.1	1.73	23.7	18.6	1.97	22.6	18.1	2.24	21.3	17.6	2.52	20.1	17.1	2.82	18.7	16.5	3.13						
	62	24.6	23.9	1.73	23.5	23.3	1.97	22.5	22.5	2.24	21.6	21.6	2.53	20.5	20.5	2.83	19.4	19.4	3.16						
	57	24.4	24.4	1.73	23.5	23.5	1.97	22.6	22.6	2.24	21.5	21.5	2.52	20.5	20.5	2.83	19.3	19.3	3.14						

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	024	0.98	1.01	CK5A/CK5BA	024	0.98	0.92
	030	0.98	1.01		030	0.99	0.92
	036	1.02	1.01		CK5A/CK5BW	024	0.98
CC5A/CD5AW	024	0.98	1.01	030		0.98	0.92
	030	0.98	1.01	COILS + 58MVP040-14 VARIABLE-SPEED FURNACE			
	036	1.02	1.01	CC5A/CD5AA	030	1.01	0.94
CE3AA	024	0.98	1.01	CC5A/CD5AW	030	1.01	0.94
	030	0.99	1.01		CK3BA	024	0.99
CF5AA	024	0.98	1.01	030		1.01	0.94
CK3BA	024	0.97	0.99	CK5A/CK5BA	024	0.99	0.95
	030	0.98	0.98		030	1.01	0.94
CK5A/CK5BA	024	0.97	0.99		CK5A/CK5BW	024	0.99
	030	0.98	0.98	030		1.01	0.94
CK5A/CK5BW	024	0.97	0.99	COILS + 58MVP060-14 VARIABLE-SPEED FURNACE			
	030	0.98	0.98	CC5A/CD5AA	030	1.00	0.94
F(A,B)4BN(F,C)	024	0.98	1.00	CC5A/CD5AW	030	1.00	0.94
	030	1.00	1.00		CK3BA	024	0.99
FC4CNF	024	0.98	1.00	030		1.01	0.95
	030	1.00	1.00	CK5A/CK5BA	024	0.99	0.95
FF1DNA	024	0.98	1.00		030	1.01	0.95
	030	1.00	1.01	CK5A/CK5BW	024	0.99	0.95
FF1DNE	024	0.98	1.00		030	1.01	0.95
	030	1.00	1.01	COILS + 58MVP080-14 VARIABLE-SPEED FURNACE			
FG3AAA	024	0.96	1.00	CC5A/CD5AA	030	1.01	0.94
FK4DNF	001	1.02	0.93	CC5A/CD5AW	030	1.01	0.94
	002	1.03	0.93		CK3BA	024	0.99
	003	1.03	0.91	030		1.02	0.93
COILS + 58CV(A,X)070-12 VARIABLE-SPEED FURNACE				CK5A/CK5BA	024	0.99	0.93
CC5A/CD5AA	024	0.99	0.92		030	1.02	0.93
	030	0.98	0.92	CK5A/CK5BW	024	0.99	0.93
CC5A/CD5AW	024	0.98	0.92		030	1.02	0.93
	030	1.00	0.92	COILS + 58MVP100-20 VARIABLE-SPEED FURNACE			
CE3AA	024	0.98	0.93	CC5A/CD5AA	030	1.01	0.94
	030	0.99	0.92		CC5A/CD5AW	030	1.01
CK3BA	024	0.98	0.92	—		—	—
	030	0.98	0.92	—	—	—	

See notes on pg. 29.

Detailed cooling capacities* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
		CFM	EWB	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†
Total	Sens‡			Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡
38YRA030-32, 33, 34 Outdoor Section With FC4CNF036 Indoor Section																			
850	72	33.5	16.6	2.23	32.3	16.2	2.44	30.9	15.7	2.66	29.5	15.1	2.91	28.0	14.6	3.18	26.5	14.1	3.49
	67	30.7	21.1	2.21	29.6	20.7	2.41	28.3	20.1	2.63	26.9	19.6	2.87	25.7	19.1	3.15	24.5	18.6	3.47
	63††	28.6	20.6	2.19	27.6	20.1	2.39	26.3	19.5	2.61	25.1	19.0	2.85	23.9	18.5	3.13	22.7	18.0	3.44
	62	28.2	25.5	2.18	27.2	25.0	2.39	26.0	24.4	2.61	24.8	23.8	2.85	23.7	23.2	3.12	22.6	22.5	3.44
	57	27.3	27.3	2.18	26.3	26.3	2.37	25.5	25.5	2.60	24.5	24.5	2.84	23.6	23.6	3.12	22.5	22.5	3.43
950	72	34.1	17.3	2.27	32.7	16.8	2.48	31.3	16.3	2.70	29.7	15.7	2.95	28.3	15.2	3.23	26.9	14.8	3.54
	67	31.2	22.2	2.25	30.0	21.7	2.45	28.6	21.2	2.67	27.4	20.7	2.93	25.9	20.1	3.19	24.7	19.6	3.51
	63††	29.1	21.6	2.24	27.9	21.1	2.43	26.6	20.5	2.65	25.4	20.0	2.90	24.1	19.4	3.17	22.9	18.9	3.48
	62	28.6	26.9	2.23	27.6	26.4	2.43	26.4	25.8	2.65	25.3	25.1	2.90	24.2	24.2	3.17	23.2	23.2	3.49
	57	28.1	28.1	2.22	27.2	27.2	2.43	26.2	26.2	2.65	25.2	25.2	2.89	24.2	24.2	3.17	23.1	23.1	3.48
1050	72	34.4	17.8	2.32	33.0	17.3	2.52	31.5	16.8	2.74	29.9	16.3	2.99	28.5	15.8	3.27	27.0	15.3	3.58
	67	31.5	23.3	2.29	30.2	22.7	2.49	28.8	22.2	2.71	27.5	21.7	2.97	26.1	21.1	3.24	24.8	20.6	3.55
	63††	29.4	22.6	2.28	28.2	22.0	2.47	26.8	21.5	2.69	25.6	20.9	2.94	24.3	20.4	3.21	23.1	19.8	3.52
	62	29.2	28.3	2.28	28.0	27.6	2.47	26.8	26.8	2.69	25.8	25.8	2.94	24.7	24.7	3.21	23.7	23.7	3.53
	57	28.8	28.8	2.27	27.9	27.9	2.47	26.8	26.8	2.70	25.7	25.7	2.94	24.7	24.7	3.22	23.5	23.5	3.52

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	030	0.98	0.98	CE3AA	030	1.00	0.91
	036	1.01	0.99		036	1.01	0.91
CC5A/CD5AW	030	0.98	0.98	CK3BA	030	0.99	0.92
	036	1.01	0.99		036	1.03	0.92
CE3AA	030	0.99	0.99	CK5A/CK5BA	030	0.99	0.92
	036	1.00	0.99		036	1.03	0.92
CF5AA	036	1.01	0.99	CK5A/CK5BW	030	1.02	0.92
CK3BA	030	0.98	0.97		036	1.03	0.92
	036	1.02	1.00	COILS + 58MVP040-14 VARIABLE-SPEED FURNACE			
CK5A/CK5BA	030	0.98	0.97	CC5A/CD5AA	036	1.03	0.95
	036	1.02	1.00	CC5A/CD5AW	036	1.03	0.95
CK5A/CK5BT	036	1.02	1.00	CK3BA	030	1.00	0.96
CK5A/CK5BW	030	0.98	0.97		036	1.03	0.95
	036	1.02	1.00	CK5A/CK5BA	030	1.00	0.96
F(A,B)4BN(F,C)	030	0.99	0.98		036	1.03	0.95
	036	1.00	1.00	CK5A/CK5BT	036	1.03	0.95
FC4CNF	030	0.99	0.98	CK5A/CK5BW	030	1.00	0.96
	036	1.00	1.00		036	1.03	0.95
FF1DN(A,E)	030	0.99	0.99	COILS + 58MVP060-14 VARIABLE-SPEED FURNACE			
FG3AAA	036	0.99	0.99	CC5A/CD5AA	036	1.03	0.95
FK4DNF	001	1.01	0.92	CC5A/CD5AW	036	1.03	0.95
	002	1.02	0.93	CK3BA	030	1.01	0.96
	003	1.03	0.90		036	1.03	0.95
COILS + 58CV(A,X)070-12 VARIABLE-SPEED FURNACE				CK5A/CK5BA	030	1.01	0.96
CC5A/CD5AA	030	0.99	0.92		036	1.03	0.95
	036	1.01	0.92	CK5A/CK5BT	036	1.03	0.95
CC5A/CD5AW	030	0.99	0.92	CK5A/CK5BW	030	1.01	0.96
CE3AA	030	1.00	0.93		036	1.03	0.95
	036	1.00	0.92	COILS + 58MVP080-14 VARIABLE-SPEED FURNACE			
CK3BA	030	1.02	0.93	CC5A/CD5AA	036	1.03	0.93
	036	1.02	0.92	CC5A/CD5AW	036	1.03	0.93
CK5A/CK5BA	030	1.00	0.93	CK3BA	030	1.01	0.95
	036	1.02	0.92		036	1.03	0.95
CK5A/CK5BT	036	1.02	0.92	CK5A/CK5BA	030	1.01	0.95
CK5A/CK5BW	030	1.02	0.93		036	1.03	0.95
	COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE				CK5A/CK5BT	036	1.03
CC5A/CD5AA	030	0.99	0.91	CK5A/CK5BW	030	1.01	0.95
	036	1.02	0.91		036	1.03	0.95
CC5A/CD5AW	030	0.99	0.91	COILS + 58MVP100-20 VARIABLE-SPEED FURNACE			
	036	1.02	0.91	CC5A/CD5AA	036	1.03	0.93

See notes on pg. 29.

Detailed cooling capacities* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
CFM	EWB	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
38YRA030-32, 33, 34 Outdoor Section With FC4CNF036 Indoor Section continued																			
850	72	33.5	16.6	2.23	32.3	16.2	2.44	30.9	15.7	2.66	29.5	15.1	2.91	28.0	14.6	3.18	26.5	14.1	3.49
	67	30.7	21.1	2.21	29.6	20.7	2.41	28.3	20.1	2.63	26.9	19.6	2.87	25.7	19.1	3.15	24.5	18.6	3.47
	63††	28.6	20.6	2.19	27.6	20.1	2.39	26.3	19.5	2.61	25.1	19.0	2.85	23.9	18.5	3.13	22.7	18.0	3.44
	62	28.2	25.5	2.18	27.2	25.0	2.39	26.0	24.4	2.61	24.8	23.8	2.85	23.7	23.2	3.12	22.6	22.5	3.44
	57	27.3	27.3	2.18	26.3	26.3	2.37	25.5	25.5	2.60	24.5	24.5	2.84	23.6	23.6	3.12	22.5	22.5	3.43
950	72	34.1	17.3	2.27	32.7	16.8	2.48	31.3	16.3	2.70	29.7	15.7	2.95	28.3	15.2	3.23	26.9	14.8	3.54
	67	31.2	22.2	2.25	30.0	21.7	2.45	28.6	21.2	2.67	27.4	20.7	2.93	25.9	20.1	3.19	24.7	19.6	3.51
	63††	29.1	21.6	2.24	27.9	21.1	2.43	26.6	20.5	2.65	25.4	20.0	2.90	24.1	19.4	3.17	22.9	18.9	3.48
	62	28.6	26.9	2.23	27.6	26.4	2.43	26.4	25.8	2.65	25.3	25.1	2.90	24.2	24.2	3.17	23.2	23.2	3.49
	57	28.1	28.1	2.22	27.2	27.2	2.43	26.2	26.2	2.65	25.2	25.2	2.89	24.2	24.2	3.17	23.1	23.1	3.48
1050	72	34.4	17.8	2.32	33.0	17.3	2.52	31.5	16.8	2.74	29.9	16.3	2.99	28.5	15.8	3.27	27.0	15.3	3.58
	67	31.5	23.3	2.29	30.2	22.7	2.49	28.8	22.2	2.71	27.5	21.7	2.97	26.1	21.1	3.24	24.8	20.6	3.55
	63††	29.4	22.6	2.28	28.2	22.0	2.47	26.8	21.5	2.69	25.6	20.9	2.94	24.3	20.4	3.21	23.1	19.8	3.52
	62	29.2	28.3	2.28	28.0	27.6	2.47	26.8	26.8	2.69	25.8	25.8	2.94	24.7	24.7	3.21	23.7	23.7	3.53
	57	28.8	28.8	2.27	27.9	27.9	2.47	26.8	26.8	2.70	25.7	25.7	2.94	24.7	24.7	3.22	23.5	23.5	3.52

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CC5A/CD5AW	036	1.03	0.93	COILS + 58MVP120-20 VARIABLE-SPEED FURNACE			
CK3BA	030	1.01	0.94	CK3BA	030	1.01	0.94
	036	1.04	0.93		036	1.04	0.94
CK5A/CK5BA	030	1.01	0.94	CK5A/CK5BA	030	1.01	0.94
	036	1.04	0.93		036	1.04	0.94
CK5A/CK5BT	036	1.04	0.93	CK5A/CK5BT	036	1.04	0.94
CK5A/CK5BW	030	1.01	0.94	CK5A/CK5BW	030	1.01	0.94
	036	1.04	0.93		036	1.04	0.94

See notes on pg. 29.

Detailed cooling capacities* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
		Capacity MBtu/h†	Total System kW**	Sens‡	Capacity MBtu/h†	Total System kW**	Sens‡	Capacity MBtu/h†	Total System kW**	Sens‡	Capacity MBtu/h†	Total System kW**	Sens‡	Capacity MBtu/h†	Total System kW**	Sens‡	Capacity MBtu/h†	Total System kW**	Sens‡
CFM	EWB																		
38YRA036-31, 32, 33 Outdoor Section With FC4CN(F,B)042 Indoor Section																			
1100	72	40.3	20.4	2.78	38.6	19.8	3.05	37.0	19.2	3.35	35.2	18.6	3.67	33.2	17.9	4.02	31.1	17.2	4.40
	67	37.0	26.3	2.75	35.6	25.7	3.02	34.0	25.0	3.31	32.3	24.3	3.63	30.4	23.6	3.98	28.6	22.9	4.36
	63††	34.5	25.5	2.73	33.2	25.0	3.00	31.7	24.3	3.29	30.1	23.6	3.60	28.4	22.9	3.96	26.8	22.2	4.34
	62	34.1	31.9	2.72	32.8	31.2	3.00	31.4	30.4	3.28	29.9	29.6	3.60	28.5	28.5	3.96	27.0	27.0	4.33
57	33.4	33.4	2.72	32.2	32.2	2.98	31.1	31.1	3.28	29.8	29.8	3.60	28.4	28.4	3.95	27.0	27.0	4.33	
1200	72	40.6	21.0	2.83	38.9	20.4	3.09	37.3	19.8	3.39	35.4	19.2	3.71	33.3	18.5	4.06	31.2	17.7	4.44
	67	37.3	27.3	2.79	35.9	26.7	3.07	34.2	26.1	3.35	32.4	25.4	3.67	30.8	24.7	4.03	29.0	24.0	4.42
	63††	34.8	26.5	2.77	33.5	25.9	3.04	31.9	25.2	3.33	30.4	24.6	3.66	28.7	23.8	4.00	27.0	23.1	4.38
	62	34.5	33.2	2.77	33.2	32.5	3.04	31.8	31.6	3.33	30.4	30.4	3.64	29.0	29.0	4.00	27.5	27.5	4.38
57	34.1	34.1	2.76	32.9	32.9	3.03	31.8	31.8	3.33	30.4	30.4	3.64	28.9	28.9	3.99	27.5	27.5	4.38	
1300	72	40.9	21.6	2.87	39.1	21.0	3.13	37.5	20.4	3.43	35.5	19.7	3.75	33.5	19.0	4.10	31.5	18.4	4.49
	67	37.6	28.3	2.83	36.1	27.7	3.10	34.4	27.1	3.39	32.8	26.4	3.73	30.9	25.7	4.07	29.1	25.0	4.46
	63††	35.1	27.5	2.81	33.7	26.9	3.08	32.1	26.2	3.37	30.6	25.5	3.69	28.8	24.7	4.04	27.1	24.0	4.42
	62	34.9	34.4	2.81	33.7	33.5	3.08	32.3	32.3	3.37	30.9	30.9	3.69	29.5	29.5	4.05	27.9	27.9	4.43
57	34.8	34.8	2.81	33.7	33.7	3.08	32.3	32.3	3.37	30.9	30.9	3.69	29.5	29.5	4.05	27.9	27.9	4.43	

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	036	0.99	0.99	CK5A/CK5BE	042	1.03	0.91
	042	0.99	0.99		CK5A/CK5BT	036	1.02
CC5A/CD5AW	036	0.99	0.99	CK5A/CK5BW	036	1.02	0.92
	042	1.01	1.00		COILS + 58CV(A,X)110-22 VARIABLE-SPEED FURNACE		
CE3AA	036	0.98	0.99	CC5A/CD5AA	036	0.99	0.91
CF5AA	036	0.99	0.99	CC5A/CD5AW	042	0.98	0.90
	042	1.00	1.00		036	0.99	0.91
CK3BA	036	0.98	0.97	CE3AA	036	0.97	0.91
	042	1.00	1.00		042	1.01	0.90
CK5A/CK5BA	036	0.98	0.97	CK3BA	036	1.02	0.91
	042	1.00	1.00		042	1.00	0.90
CK5A/CK5BT	036	0.98	0.97	CK5A/CK5BA	036	1.02	0.91
	042	1.00	1.00		042	1.00	0.90
CK5A/CK5BW	036	0.98	0.97	CK5A/CK5BT	036	1.02	0.91
	042	1.00	1.00		042	1.00	0.90
F(A,B)4BN(F,B,C)	042	1.00	1.00	CK5A/CK5BW	036	1.02	0.91
F(A,B)4BN(F,C)	036	0.98	1.01		036	1.02	0.91
FC4CN(F,B)	042	1.00	1.00	CK5A/CK5BT	036	1.02	0.91
FC4CNF	036	0.98	1.01		042	1.00	0.90
FG3AAA	036	0.98	0.99	CK5A/CK5BW	036	1.02	0.91
FK4DNF	001	0.98	0.94		COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE		
	002	0.98	0.94	CC5A/CD5AA	042	1.01	0.91
	003	1.01	0.91	CC5A/CD5AW	036	0.99	0.91
COILS + 58CV(A,X)070-12 VARIABLE-SPEED FURNACE				CE3AA	042	0.99	0.91
CC5A/CD5AA	036	0.99	0.93		036	0.99	0.92
CE3AA	036	0.95	0.92	CK3BA	042	1.01	0.91
	042	1.01	0.93		042	0.99	0.90
CK3BA	036	0.99	0.93	CK5A/CK5BA	042	0.99	0.90
CK5A/CK5BA	036	1.02	0.93	CK5A/CK5BT	042	0.99	0.90
CK5A/CK5BE	042	0.99	0.92	CK5A/CK5BW	036	0.99	0.91
CK5A/CK5BT	036	0.99	0.93	COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE			
COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE				CC5A/CD5AA	042	1.00	0.89
CC5A/CD5AA	036	0.98	0.92	CC5A/CD5AW	036	0.98	0.92
	042	0.99	0.93		042	0.99	0.90
CC5A/CD5AW	036	0.99	0.91	CE3AA	036	0.97	0.91
CE3AA	036	0.96	0.92		042	1.01	0.90
	042	1.01	0.91	CK3BA	042	1.00	0.90
CK3BA	036	1.02	0.92		CK5A/CK5BA	042	1.00
	042	1.02	0.91	CK5A/CK5BT	042	1.00	0.90
CK5A/CK5BA	036	1.02	0.92	CK5A/CK5BW	036	0.99	0.91
	042	1.02	0.91	COILS + 58MVP040-14 VARIABLE-SPEED FURNACE			
—	—	—	—	CC5A/CD5AA	042	1.01	0.96

See notes on pg. 29.

Detailed cooling capacities* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
CFM	EWB	75			85			95			105			115			125		
		Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
38YRA036-31, 32, 33 Outdoor Section With FC4CN(F,B)042 Indoor Section continued																			
1100	72	40.3	20.4	2.78	38.6	19.8	3.05	37.0	19.2	3.35	35.2	18.6	3.67	33.2	17.9	4.02	31.1	17.2	4.40
	67	37.0	26.3	2.75	35.6	25.7	3.02	34.0	25.0	3.31	32.3	24.3	3.63	30.4	23.6	3.98	28.6	22.9	4.36
	63††	34.5	25.5	2.73	33.2	25.0	3.00	31.7	24.3	3.29	30.1	23.6	3.60	28.4	22.9	3.96	26.8	22.2	4.34
	62	34.1	31.9	2.72	32.8	31.2	3.00	31.4	30.4	3.28	29.9	29.6	3.60	28.5	28.5	3.96	27.0	27.0	4.33
	57	33.4	33.4	2.72	32.2	32.2	2.98	31.1	31.1	3.28	29.8	29.8	3.60	28.4	28.4	3.95	27.0	27.0	4.33
1200	72	40.6	21.0	2.83	38.9	20.4	3.09	37.3	19.8	3.39	35.4	19.2	3.71	33.3	18.5	4.06	31.2	17.7	4.44
	67	37.3	27.3	2.79	35.9	26.7	3.07	34.2	26.1	3.35	32.4	25.4	3.67	30.8	24.7	4.03	29.0	24.0	4.42
	63††	34.8	26.5	2.77	33.5	25.9	3.04	31.9	25.2	3.33	30.4	24.6	3.66	28.7	23.8	4.00	27.0	23.1	4.38
	62	34.5	33.2	2.77	33.2	32.5	3.04	31.8	31.6	3.33	30.4	30.4	3.64	29.0	29.0	4.00	27.5	27.5	4.38
	57	34.1	34.1	2.76	32.9	32.9	3.03	31.8	31.8	3.33	30.4	30.4	3.64	28.9	28.9	3.99	27.5	27.5	4.38
1300	72	40.9	21.6	2.87	39.1	21.0	3.13	37.5	20.4	3.43	35.5	19.7	3.75	33.5	19.0	4.10	31.5	18.4	4.49
	67	37.6	28.3	2.83	36.1	27.7	3.10	34.4	27.1	3.39	32.8	26.4	3.73	30.9	25.7	4.07	29.1	25.0	4.46
	63††	35.1	27.5	2.81	33.7	26.9	3.08	32.1	26.2	3.37	30.6	25.5	3.69	28.8	24.7	4.04	27.1	24.0	4.42
	62	34.9	34.4	2.81	33.7	33.5	3.08	32.3	32.3	3.37	30.9	30.9	3.69	29.5	29.5	4.05	27.9	27.9	4.43
	57	34.8	34.8	2.81	33.7	33.7	3.08	32.3	32.3	3.37	30.9	30.9	3.69	29.5	29.5	4.05	27.9	27.9	4.43

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CK3BA	036	1.01	0.98	CK5A/CK5BT	042	1.01	0.96
	042	1.01	0.96	CK5A/CK5BW	036	1.01	0.97
CK5A/CK5BA	042	1.01	0.96	COILS + 58MVP100-20 VARIABLE-SPEED FURNACE			
CK5A/CK5BT	042	1.01	0.96	CC5A/CD5AA	042	1.01	0.95
CK5A/CK5BW	036	1.01	0.98	CK3BA	036	1.01	0.95
COILS + 58MVP060-14 VARIABLE-SPEED FURNACE					042	1.01	0.94
CK3BA	036	1.01	0.97	CK5A/CK5BA	042	1.01	0.94
	042	1.01	0.96	CK5A/CK5BT	042	1.01	0.94
CK5A/CK5BA	036	1.01	0.97	CK5A/CK5BW	036	1.01	0.95
CK5A/CK5BT	036	1.01	0.97	COILS + 58MVP120-20 VARIABLE-SPEED FURNACE			
COILS + 58MVP080-14 VARIABLE-SPEED FURNACE				CK3BA	036	1.01	0.95
CC5A/CD5AA	042	1.01	0.95		042	1.01	0.94
CK3BA	036	1.01	0.97	CK5A/CK5BA	042	1.01	0.94
	042	1.01	0.96	CK5A/CK5BT	042	1.01	0.94
CK5A/CK5BA	042	1.01	0.96	CK5A/CK5BW	036	1.01	0.95

See notes on pg. 29.

Detailed cooling capacities* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																		
		75			85			95			105			115			125			
		Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	
CFM	EWB	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	
38YRA042-31, 32, 33 Outdoor Section With FK4DNF005 Indoor Section																				
1103	72	48.2	24.0	2.76	46.2	23.3	3.06	44.1	22.5	3.40	42.1	21.8	3.77	40.2	21.1	4.19	38.0	20.3	4.64	
	67	44.3	30.2	2.73	42.5	29.4	3.03	40.5	28.6	3.36	38.7	27.9	3.73	37.0	27.2	4.14	34.9	26.4	4.59	
	63††	41.5	29.5	2.71	39.7	28.7	3.00	38.1	28.0	3.34	36.5	27.3	3.71	34.4	26.4	4.10	32.5	25.5	4.54	
	62	40.7	36.2	2.70	39.3	35.5	3.00	37.5	34.7	3.33	35.7	33.8	3.69	33.9	32.9	4.09	32.1	31.9	4.53	
	57	39.0	39.0	2.69	37.8	37.8	2.99	36.6	36.6	3.32	35.3	35.3	3.69	33.7	33.7	4.09	32.1	32.1	4.54	
1225	72	48.8	24.9	2.79	46.7	24.1	3.09	44.5	23.4	3.43	42.6	22.7	3.80	40.6	22.0	4.22	38.2	21.2	4.66	
	67	45.0	31.7	2.76	43.0	30.9	3.06	41.0	30.1	3.39	39.2	29.4	3.76	37.5	28.7	4.17	35.3	27.9	4.62	
	63††	42.1	30.9	2.74	40.3	30.1	3.03	38.6	29.4	3.37	37.0	28.7	3.74	34.8	27.7	4.13	32.8	26.9	4.57	
	62	41.5	38.3	2.73	40.0	37.6	3.03	38.2	36.7	3.36	36.4	35.7	3.72	34.6	34.6	4.13	32.9	32.9	4.57	
	57	40.3	40.3	2.72	39.0	39.0	3.02	37.7	37.7	3.36	36.4	36.4	3.73	34.6	34.6	4.13	33.0	33.0	4.58	
1409	72	49.6	26.2	2.83	47.4	25.4	3.13	45.1	24.7	3.47	43.1	24.0	3.84	41.1	23.3	4.26	38.6	22.5	4.71	
	67	45.7	33.9	2.80	43.7	33.1	3.10	41.9	32.4	3.44	39.8	31.6	3.80	37.9	30.8	4.21	35.7	30.0	4.66	
	63††	42.9	33.0	2.78	40.9	32.2	3.07	39.3	31.4	3.41	37.5	30.7	3.78	35.3	29.7	4.17	33.2	28.9	4.61	
	62	42.4	41.2	2.78	40.9	40.3	3.08	39.1	39.1	3.41	37.5	37.5	3.77	35.8	35.8	4.18	34.2	34.2	4.63	
	57	42.1	42.1	2.77	40.6	40.6	3.07	39.2	39.2	3.41	37.7	37.7	3.78	35.8	35.8	4.18	34.1	34.1	4.63	

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	042	0.95	1.07	CD5AA	048	0.96	1.03
CC5A/CD5AC	048	0.94	1.06	CE3AA	042	1.00	1.05
CC5A/CD5AW	048	0.95	1.07	CK3BA	048	1.00	1.04
CD5AA	048	0.95	1.07	CK3BA	042	0.96	1.05
CE3AA	042	0.96	1.07	CK3BA	048	0.96	1.03
	048	0.96	1.07	CK5A/CK5BA	042	0.96	1.05
CF5AA	048	0.96	1.07	CK5A/CK5BA	048	0.96	1.03
CK3BA	042	0.98	1.10	CK5A/CK5BT	042	0.96	1.05
	048	0.98	1.09	CK5A/CK5BT	048	1.00	1.04
CK5A/CK5BA	042	0.98	1.10	CK5A/CK5BW	048	0.98	1.04
	048	0.98	1.09	COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE			
CK5A/CK5BT	042	0.98	1.10	CC5A/CD5AA	042	0.96	1.04
	048	0.98	1.09	CC5A/CD5AC	048	0.96	1.04
CK5A/CK5BW	048	0.98	1.09	CC5A/CD5AW	042	0.96	1.05
F(A,B)4BN(F,B,C)	042	0.95	1.08		048	0.99	1.03
	048	0.96	1.08	CD5AA	048	0.96	1.03
FC4CN(F,B)	042	0.95	1.08	CE3AA	042	1.00	1.05
	048	0.96	1.08	CE3AA	048	1.00	1.04
FG3AAA	048	0.95	1.07	CK3BA	042	0.96	1.04
FK4DNF	003	0.96	1.00	CK3BA	048	0.98	1.03
	005	1.00	1.00	CK5A/CK5BA	042	0.99	1.04
COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE				CK5A/CK5BA	048	1.00	1.04
CC5A/CD5AA	042	0.96	1.05	CK5A/CK5BT	042	0.96	1.04
CC5A/CD5AC	048	0.95	1.04	CK5A/CK5BT	048	0.96	1.03
CD5AA	048	0.96	1.04	CK5A/CK5BW	048	0.96	1.03
CE3AA	042	0.96	1.05	COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE			
	048	0.98	1.05	CC5A/CD5AA	042	0.96	1.04
CK3BA	042	0.96	1.05	CC5A/CD5AC	048	0.96	1.03
	048	1.00	1.05	CC5A/CD5AW	042	0.96	1.05
CK5A/CK5BA	042	0.96	1.05		048	0.96	1.03
	048	0.96	1.05	CD5AA	048	0.99	1.03
CK5A/CK5BE	042	0.99	1.05	CE3AA	042	1.00	1.04
CK5A/CK5BT	042	0.99	1.05	CE3AA	048	1.00	1.04
	048	1.00	1.05	CK3BA	042	0.99	1.04
COILS + 58CV(A,X)110-22 VARIABLE-SPEED FURNACE				CK3BA	048	0.98	1.04
CC5A/CD5AA	042	0.96	1.04	CK5A/CK5BA	042	1.00	1.05
CC5A/CD5AC	048	0.96	1.04	CK5A/CK5BA	048	0.98	1.04
CC5A/CD5AW	042	0.98	1.04	CK5A/CK5BT	042	1.00	1.04
	048	0.96	1.03	CK5A/CK5BT	048	0.98	1.04

See notes on pg. 29.

Detailed cooling capacities* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
CFM	EWB	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
38YRA042-31, 32, 33 Outdoor Section With FK4DNF005 Indoor Section continued																			
1103	72	48.2	24.0	2.76	46.2	23.3	3.06	44.1	22.5	3.40	42.1	21.8	3.77	40.2	21.1	4.19	38.0	20.3	4.64
	67	44.3	30.2	2.73	42.5	29.4	3.03	40.5	28.6	3.36	38.7	27.9	3.73	37.0	27.2	4.14	34.9	26.4	4.59
	63††	41.5	29.5	2.71	39.7	28.7	3.00	38.1	28.0	3.34	36.5	27.3	3.71	34.4	26.4	4.10	32.5	25.5	4.54
	62	40.7	36.2	2.70	39.3	35.5	3.00	37.5	34.7	3.33	35.7	33.8	3.69	33.9	32.9	4.09	32.1	31.9	4.53
	57	39.0	39.0	2.69	37.8	37.8	2.99	36.6	36.6	3.32	35.3	35.3	3.69	33.7	33.7	4.09	32.1	32.1	4.54
1225	72	48.8	24.9	2.79	46.7	24.1	3.09	44.5	23.4	3.43	42.6	22.7	3.80	40.6	22.0	4.22	38.2	21.2	4.66
	67	45.0	31.7	2.76	43.0	30.9	3.06	41.0	30.1	3.39	39.2	29.4	3.76	37.5	28.7	4.17	35.3	27.9	4.62
	63††	42.1	30.9	2.74	40.3	30.1	3.03	38.6	29.4	3.37	37.0	28.7	3.74	34.8	27.7	4.13	32.8	26.9	4.57
	62	41.5	38.3	2.73	40.0	37.6	3.03	38.2	36.7	3.36	36.4	35.7	3.72	34.6	34.6	4.13	32.9	32.9	4.57
	57	40.3	40.3	2.72	39.0	39.0	3.02	37.7	37.7	3.36	36.4	36.4	3.73	34.6	34.6	4.13	33.0	33.0	4.58
1409	72	49.6	26.2	2.83	47.4	25.4	3.13	45.1	24.7	3.47	43.1	24.0	3.84	41.1	23.3	4.26	38.6	22.5	4.71
	67	45.7	33.9	2.80	43.7	33.1	3.10	41.9	32.4	3.44	39.8	31.6	3.80	37.9	30.8	4.21	35.7	30.0	4.66
	63††	42.9	33.0	2.78	40.9	32.2	3.07	39.3	31.4	3.41	37.5	30.7	3.78	35.3	29.7	4.17	33.2	28.9	4.61
	62	42.4	41.2	2.78	40.9	40.3	3.08	39.1	39.1	3.41	37.5	37.5	3.77	35.8	35.8	4.18	34.2	34.2	4.63
	57	42.1	42.1	2.77	40.6	40.6	3.07	39.2	39.2	3.41	37.7	37.7	3.78	35.8	35.8	4.18	34.1	34.1	4.63

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CK5A/CK5BW	048	1.00	1.03	COILS + 58MVP100-20 VARIABLE-SPEED FURNACE			
COILS + 58MVP040-14 VARIABLE-SPEED FURNACE				CD5AA	048	0.96	1.05
CK3BA	048	0.98	1.10	CK3BA	042	0.98	1.07
CK5A/CK5BW	048	0.98	1.10		048	0.99	1.07
COILS + 58MVP060-14 VARIABLE-SPEED FURNACE				CK5A/CK5BA	042	0.98	1.07
CK3BA	048	0.98	1.09		048	0.99	1.07
COILS + 58MVP080-14 VARIABLE-SPEED FURNACE				CK5A/CK5BT	042	0.98	1.07
CD5AA	048	0.95	1.04		048	0.99	1.07
CK3BA	042	0.98	1.10	COILS + 58MVP120-20 VARIABLE-SPEED FURNACE			
	048	0.99	1.09	CK3BA	042	0.98	1.06
CK5A/CK5BA	042	0.98	1.10		048	0.99	1.06
	048	0.99	1.09	CK5A/CK5BA	042	0.98	1.06
CK5A/CK5BT	042	0.98	1.10	CK5A/CK5BT	042	0.98	1.06
	048	0.99	1.09	CK5A/CK5BW	048	0.99	1.06

See notes on pg. 29.

Detailed cooling capacities* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75		85		95		105		115		125							
CFM	EWB	Capacity MBtu/h†	Total Sys. kW**	Capacity MBtu/h†	Total Sys. kW**	Capacity MBtu/h†	Total Sys. kW**	Capacity MBtu/h†	Total Sys. kW**	Capacity MBtu/h†	Total Sys. kW**	Capacity MBtu/h†	Total Sys. kW**						
38YRA048-31, 33, 34 Outdoor Section With FK4DNF005 Indoor Section																			
1260	72	55.4	27.3	3.50	53.2	26.4	3.93	50.8	25.5	4.41	48.2	24.6	4.93	45.6	23.6	5.49	42.8	22.7	6.08
	67	50.9	34.1	3.47	49.1	33.3	3.91	46.9	32.4	4.38	44.5	31.5	4.89	42.1	30.5	5.43	39.6	29.5	6.02
	63††	47.6	33.3	3.44	45.8	32.5	3.87	43.8	31.6	4.34	41.6	30.6	4.84	39.3	29.6	5.38	36.8	28.6	5.96
	62	47.0	41.0	3.44	45.1	40.0	3.87	43.0	39.1	4.33	40.9	38.0	4.83	38.7	37.0	5.37	36.4	35.8	5.95
	57	44.7	44.7	3.42	43.3	43.3	3.85	41.8	41.8	4.32	40.1	40.1	4.82	38.2	38.2	5.37	36.3	36.3	5.94
1400	72	56.2	28.2	3.54	53.8	27.4	3.98	51.3	26.4	4.45	48.7	25.5	4.97	46.0	24.6	5.53	43.2	23.6	6.13
	67	51.9	35.9	3.52	49.8	35.0	3.95	47.5	34.1	4.42	45.1	33.1	4.93	42.5	32.1	5.48	39.9	31.1	6.06
	63††	48.6	35.0	3.49	46.5	34.1	3.92	44.4	33.1	4.38	42.1	32.2	4.89	39.7	31.1	5.43	37.2	30.1	6.00
	62	47.8	43.2	3.48	45.8	42.3	3.91	43.7	41.3	4.37	41.6	40.2	4.88	39.4	38.9	5.42	37.2	37.2	6.00
	57	46.3	46.3	3.47	44.7	44.7	3.90	43.0	43.0	4.37	41.2	41.2	4.87	39.3	39.3	5.42	37.2	37.2	6.01
1610	72	57.0	29.6	3.60	54.6	28.7	4.04	52.0	27.8	4.51	49.3	26.9	5.03	46.5	25.9	5.59	43.5	24.9	6.19
	67	52.9	38.3	3.58	50.5	37.4	4.01	48.1	36.4	4.48	45.7	35.5	4.99	43.1	34.4	5.54	40.4	33.4	6.13
	63††	49.5	37.3	3.55	47.2	36.3	3.98	45.0	35.3	4.44	42.6	34.3	4.95	40.2	33.3	5.49	37.6	32.2	6.07
	62	48.8	46.4	3.54	46.7	45.3	3.97	44.9	44.3	4.45	42.8	42.8	4.96	40.8	40.8	5.51	38.4	38.4	6.08
	57	48.2	48.2	3.54	46.4	46.4	3.97	44.6	44.6	4.44	42.6	42.6	4.95	40.6	40.6	5.50	38.4	38.4	6.09

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	060	0.95	1.04	CK3BA	048	0.95	0.98
CC5A/CD5AC	048	0.94	1.03		060	0.98	0.99
CC5A/CD5AW	048	0.94	1.03	CK5A/CK5BA	048	0.95	0.98
	060	0.97	1.04		060	0.98	0.99
CE3AA	048	0.95	1.03	CK5A/CK5BT	048	0.95	0.98
	060	0.97	1.03		060	0.98	0.99
CF5AA	048	0.95	1.03	CK5A/CK5BW	048	0.95	0.98
CK5A/CK5BA	048	0.96	1.02	CK5A/CK5BX	060	1.00	0.98
	060	0.98	1.03		COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE		
CK5A/CK5BT	048	0.96	1.02	CC5A/CD5AA	060	0.95	0.98
	060	0.98	1.03	CC5A/CD5AC	048	0.94	0.98
CK5A/CK5BW	048	0.96	1.02	CC5A/CD5AW	048	0.95	0.99
CK5A/CK5BX	060	0.99	1.03	060	0.99	0.99	
F(A,B)4BN(F,B,C)	048	0.96	1.06	CD5AA	048	0.95	0.99
	060	0.98	1.07	CE3AA	048	0.96	1.00
FB4BNB	070	1.00	1.06		060	0.98	0.98
FC4CN(F,B)	048	0.96	1.06	CK3BA	048	0.95	0.99
	060	0.98	1.07		060	0.98	0.99
FC4CNB	054	1.00	1.04	CK5A/CK5BA	048	0.95	0.99
	070	1.00	1.06		060	0.98	0.99
FG3AAA	048	0.94	1.03	CK5A/CK5BT	048	0.95	0.99
	060	0.96	1.03		060	0.98	0.99
FK4DNB	006	1.01	0.98	CK5A/CK5BW	048	0.95	0.99
FK4DNF	005	1.00	1.00	CK5A/CK5BX	060	1.00	0.99
COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE				COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE			
CC5A/CD5AC	048	0.93	0.99	CC5A/CD5AA	060	0.95	0.97
CD5AA	048	0.94	0.99	CC5A/CD5AC	048	0.94	0.97
CE3AA	048	0.95	1.00	CC5A/CD5AW	048	0.95	0.98
	060	0.98	1.00		060	0.98	0.98
CK3BA	048	0.95	1.00	CD5AA	048	0.98	0.98
CK5A/CK5BA	048	0.98	1.01	CE3AA	048	0.96	0.99
CK5A/CK5BT	048	0.95	1.00		060	0.99	0.98
COILS + 58CV(A,X)110-22 VARIABLE-SPEED FURNACE				CK3BA	048	0.98	0.98
CC5A/CD5AA	060	0.95	0.98		060	0.98	0.98
CC5A/CD5AC	048	0.94	0.98	CK5A/CK5BA	048	0.98	0.98
CC5A/CD5AW	048	0.95	0.98		060	0.98	0.98
CD5AA	048	0.95	0.98	CK5A/CK5BT	048	0.98	0.98
CE3AA	048	0.96	0.99		060	0.98	0.98
—	—	—	—	CK5A/CK5BW	048	0.98	0.99
—	—	—	—	CK5A/CK5BX	060	1.00	0.98

See notes on pg. 29.

Detailed cooling capacities* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75		85		95		105		115		125							
CFM	EWB	Capacity MBtu/h†	Total Sys. kW**	Capacity MBtu/h†	Total Sys. kW**	Capacity MBtu/h†	Total Sys. kW**	Capacity MBtu/h†	Total Sys. kW**	Capacity MBtu/h†	Total Sys. kW**	Capacity MBtu/h†	Total Sys. kW**	Capacity MBtu/h†	Total Sys. kW**				
38YRA048-31, 33, 34 Outdoor Section With FK4DNF005 Indoor Section continued																			
1260	72	55.4	27.3	3.50	53.2	26.4	3.93	50.8	25.5	4.41	48.2	24.6	4.93	45.6	23.6	5.49	42.8	22.7	6.08
	67	50.9	34.1	3.47	49.1	33.3	3.91	46.9	32.4	4.38	44.5	31.5	4.89	42.1	30.5	5.43	39.6	29.5	6.02
	63††	47.6	33.3	3.44	45.8	32.5	3.87	43.8	31.6	4.34	41.6	30.6	4.84	39.3	29.6	5.38	36.8	28.6	5.96
	62	47.0	41.0	3.44	45.1	40.0	3.87	43.0	39.1	4.33	40.9	38.0	4.83	38.7	37.0	5.37	36.4	35.8	5.95
	57	44.7	44.7	3.42	43.3	43.3	3.85	41.8	41.8	4.32	40.1	40.1	4.82	38.2	38.2	5.37	36.3	36.3	5.94
1400	72	56.2	28.2	3.54	53.8	27.4	3.98	51.3	26.4	4.45	48.7	25.5	4.97	46.0	24.6	5.53	43.2	23.6	6.13
	67	51.9	35.9	3.52	49.8	35.0	3.95	47.5	34.1	4.42	45.1	33.1	4.93	42.5	32.1	5.48	39.9	31.1	6.06
	63††	48.6	35.0	3.49	46.5	34.1	3.92	44.4	33.1	4.38	42.1	32.2	4.89	39.7	31.1	5.43	37.2	30.1	6.00
	62	47.8	43.2	3.48	45.8	42.3	3.91	43.7	41.3	4.37	41.6	40.2	4.88	39.4	38.9	5.42	37.2	37.2	6.00
	57	46.3	46.3	3.47	44.7	44.7	3.90	43.0	43.0	4.37	41.2	41.2	4.87	39.3	39.3	5.42	37.2	37.2	6.01
1610	72	57.0	29.6	3.60	54.6	28.7	4.04	52.0	27.8	4.51	49.3	26.9	5.03	46.5	25.9	5.59	43.5	24.9	6.19
	67	52.9	38.3	3.58	50.5	37.4	4.01	48.1	36.4	4.48	45.7	35.5	4.99	43.1	34.4	5.54	40.4	33.4	6.13
	63††	49.5	37.3	3.55	47.2	36.3	3.98	45.0	35.3	4.44	42.6	34.3	4.95	40.2	33.3	5.49	37.6	32.2	6.07
	62	48.8	46.4	3.54	46.7	45.3	3.97	44.9	44.3	4.45	42.8	42.8	4.96	40.8	40.8	5.51	38.4	38.4	6.08
	57	48.2	48.2	3.54	46.4	46.4	3.97	44.6	44.6	4.44	42.6	42.6	4.95	40.6	40.6	5.50	38.4	38.4	6.09

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
COILS + 58MVP040-14 VARIABLE-SPEED FURNACE				CC5A/CD5AW	060	0.97	1.00
CC5A/CD5AA	060	0.94	1.03	CK5A/CK5BA	060	0.99	1.04
CC5A/CD5AW	060	0.96	1.02	CK5A/CK5BT	060	0.99	1.04
COILS + 58MVP060-14 VARIABLE-SPEED FURNACE				CK5A/CK5BX	060	1.02	0.98
CC5A/CD5AA	060	0.94	1.02	COILS + 58MVP120-20 VARIABLE-SPEED FURNACE			
CC5A/CD5AW	060	0.96	1.01	CK5A/CK5BA	048	0.98	1.05
COILS + 58MVP080-14 VARIABLE-SPEED FURNACE					060	1.00	1.04
CC5A/CD5AA	060	0.94	1.00	CK5A/CK5BT	048	0.98	1.05
CC5A/CD5AW	060	0.97	1.01		060	1.00	1.04
COILS + 58MVP100-20 VARIABLE-SPEED FURNACE				CK5A/CK5BW	048	0.98	1.05
CC5A/CD5AA	060	0.94	0.99	CK5A/CK5BX	060	1.01	1.03

See notes on pg. 29.

Detailed cooling capacities* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
		Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**
CFM	EWB	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡
38YRA060-30, 31, 32 Outdoor Section With FK4DNB006 Indoor Section																			
1575	72	68.9	33.8	4.41	66.2	32.7	4.89	63.3	31.7	5.42	60.2	30.5	6.00	57.0	29.4	6.63	53.6	28.2	7.30
	67	63.6	42.5	4.34	61.0	41.4	4.82	58.4	40.3	5.35	55.5	39.2	5.92	52.5	38.0	6.54	49.4	36.7	7.21
	63††	59.6	41.6	4.30	57.2	40.5	4.77	54.6	39.4	5.29	52.0	38.2	5.86	49.2	37.0	6.47	45.8	35.5	7.12
	62	58.5	51.0	4.29	56.2	49.9	4.76	53.7	48.7	5.28	51.1	47.5	5.85	48.4	46.2	6.46	45.6	44.8	7.12
	57	55.6	55.6	4.25	54.0	54.0	4.73	52.1	52.1	5.26	50.1	50.1	5.83	47.8	47.8	6.45	45.1	45.1	7.10
1750	72	69.8	34.9	4.47	67.0	33.9	4.95	64.1	32.9	5.49	60.8	31.7	6.07	57.5	30.5	6.69	53.9	29.3	7.37
	67	64.4	44.5	4.41	61.8	43.4	4.89	59.0	42.3	5.41	56.1	41.2	5.99	53.0	39.9	6.61	49.8	38.7	7.28
	63††	60.4	43.5	4.37	57.9	42.4	4.84	55.3	41.2	5.36	52.6	40.0	5.93	49.7	38.8	6.54	46.6	37.5	7.20
	62	59.5	53.9	4.35	57.1	52.7	4.83	54.5	51.5	5.35	51.9	50.1	5.91	49.2	48.7	6.53	46.5	46.5	7.20
	57	57.7	57.7	4.33	55.7	55.7	4.81	53.6	53.6	5.34	51.4	51.4	5.91	49.0	49.0	6.53	46.2	46.2	7.19
2012	72	71.2	36.7	4.58	67.8	35.6	5.05	64.7	34.5	5.58	61.5	33.3	6.16	58.0	32.2	6.79	54.4	30.9	7.46
	67	65.4	47.5	4.50	63.1	46.5	4.99	60.2	45.4	5.52	56.8	44.0	6.08	53.6	42.8	6.70	50.3	41.5	7.37
	63††	61.4	46.2	4.46	58.8	45.1	4.93	56.1	43.9	5.45	53.3	42.7	6.02	50.2	41.5	6.64	47.2	40.2	7.30
	62	60.6	57.8	4.45	58.5	56.7	4.93	55.6	55.1	5.45	53.1	53.1	6.02	50.6	50.6	6.65	47.9	47.9	7.32
	57	59.9	59.9	4.44	57.7	57.7	4.92	55.5	55.5	5.45	53.2	53.2	6.02	50.7	50.7	6.65	47.7	47.7	7.31

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	060	0.94	1.03	CK5A/CK5BX	060	0.99	1.01
CC5A/CD5AW	060	0.96	1.02	COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE			
CE3AA	060	0.97	1.03	CC5A/CD5AA	060	0.94	1.01
CK3BA	060	0.97	1.03	CC5A/CD5AW	060	0.97	1.00
CK5A/CK5BA	060	0.97	1.03	CK3BA	060	0.96	1.01
CK5A/CK5BT	060	0.97	1.03	CK5A/CK5BA	060	0.96	1.01
CK5A/CK5BX	060	0.98	1.03	CK5A/CK5BT	060	0.96	1.01
F(A,B)4BN(F,B,C)	060	0.97	1.06	CK5A/CK5BX	060	0.99	1.01
FB4BNB	070	0.99	1.04	COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE			
FC4CN(F,B)	060	0.97	1.06	CC5A/CD5AA	060	0.94	1.00
FC4CNB	070	0.99	1.04	CC5A/CD5AW	060	0.97	1.00
FG3AAA	060	0.96	1.02	CK3BA	060	0.96	1.00
FK4DNB	006	1.00	1.00	CK5A/CK5BA	060	0.96	1.00
COILS + 58CV(A,X)110-22 VARIABLE-SPEED FURNACE				CK5A/CK5BT	060	0.96	1.00
CC5A/CD5AA	060	0.94	1.01	CK5A/CK5BX	060	0.99	1.01
CK3BA	060	0.96	1.01	COILS + 58MVP100-20 VARIABLE-SPEED FURNACE			
CK5A/CK5BA	060	0.96	1.01	CC5A/CD5AA	060	0.93	1.04
CK5A/CK5BT	060	0.96	1.01	CC5A/CD5AW	060	0.96	1.03

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

** System kW is total of indoor and outdoor unit kilowatts.

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

EWB—Entering Wet Bulb

Heat pump heating performance

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES °F																				
		-3			7			17			27			37			47			57		
		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†
		38YRA018-32, 33, 34 Outdoor Section With FC4CNF024 Indoor Section																				
65	550	7.05	6.49	1.20	8.47	7.78	1.25	10.0	9.16	1.30	11.7	10.4	1.36	13.7	12.5	1.44	16.0	16.0	1.54	18.4	18.4	1.67
	600	7.12	6.56	1.21	8.54	7.85	1.25	10.1	9.24	1.30	11.8	10.5	1.36	13.8	12.6	1.43	16.1	16.1	1.53	18.6	18.6	1.66
	650	7.18	6.61	1.22	8.61	7.91	1.26	10.2	9.30	1.31	11.9	10.6	1.36	13.9	12.7	1.43	16.2	16.2	1.53	18.7	18.7	1.64
70	550	6.97	6.41	1.26	8.38	7.70	1.31	9.94	9.06	1.37	11.6	10.3	1.43	13.6	12.4	1.51	15.8	15.8	1.62	18.2	18.2	1.75
	600	7.03	6.47	1.27	8.66	7.96	1.32	10.0	9.13	1.37	11.7	10.4	1.43	13.7	12.5	1.51	15.9	15.9	1.61	18.3	18.3	1.74
	650	7.10	6.53	1.28	8.51	7.92	1.32	10.1	9.20	1.37	11.8	10.5	1.43	13.8	12.5	1.51	16.0	16.0	1.60	18.5	18.5	1.73
75	550	6.85	6.31	1.32	8.29	7.61	1.38	9.82	8.96	1.44	11.5	10.2	1.51	13.4	12.2	1.59	15.6	15.6	1.70	18.0	18.0	1.83
	600	6.93	6.37	1.33	8.36	7.68	1.38	10.1	9.24	1.44	11.6	10.3	1.50	13.5	12.3	1.59	15.7	15.7	1.69	18.1	18.1	1.82
	650	7.00	6.44	1.34	8.42	7.74	1.39	9.98	9.10	1.44	11.7	10.4	1.50	13.6	12.4	1.58	15.8	15.8	1.68	18.3	18.3	1.81

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Heating		Indoor Section	Size	Heating	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	018	0.97	1.11	CK5A/CK5BA	018	0.97	0.97
	024	0.99	1.05		024	0.97	0.92
CC5A/CD5AW	024	0.99	1.05	CK5A/CK5BW	024	0.97	0.92
CE3AA	024	0.99	1.05	COILS + 58MVP040-14 VARIABLE-SPEED FURNACE			
CF5AA	024	0.99	1.03	CC5A/CD5AA	024	0.96	0.97
CK3BA	024	0.98	1.00	CC5A/CD5AW	024	0.96	0.97
CK5A/CK5BA	018	0.97	1.04	CK3BA	024	0.97	0.91
	024	0.98	1.00		018	0.97	0.95
CK5A/CK5BW	024	0.98	1.00	CK5A/CK5BA	024	0.97	0.91
F(A,B)4BN(F,C)	018	0.98	1.09	CK5A/CK5BW	024	0.97	0.91
	024"	1.00	1.00		COILS + 58MVP060-14 VARIABLE-SPEED FURNACE		
FC4CNF	024	1.00	1.00	CC5A/CD5AA	024	0.96	0.97
FF1DN(A,E)	018	0.97	1.04	CC5A/CD5AW	024	0.96	0.97
	024	0.99	1.01	CK3BA	024	0.97	0.92
FG3AAA	024	0.98	1.05	CK5A/CK5BA	018	0.97	0.96
FK4DNF	001	0.93	0.91		024	0.97	0.92
	002	0.94	0.88	CK5A/CK5BW	024	0.97	0.92
COILS + 58CV(A,X)070-12 VARIABLE-SPEED FURNACE				COILS + 58MVP080-14 VARIABLE-SPEED FURNACE			
CC5A/CD5AA	018	0.94	1.04	CC5A/CD5AA	024	0.96	0.97
	024	0.96	0.98	CC5A/CD5AW	024	0.96	0.97
CC5A/CD5AW	024	0.96	0.98	CK3BA	024	0.97	0.91
CE3AA	024	0.96	0.98	CK5A/CK5BA	018	0.96	0.94
CK3BA	024	0.97	0.92		024	0.97	0.91
—	—	—	—	CK5A/CK5BW	024	0.97	0.91

See notes on pg. 40.

Heat pump heating performance continued

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES °F																				
		-3			7			17			27			37			47			57		
EDB	CFM	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr
		Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†
38YRA024-32, 33, 34 Outdoor Section With FC4CNF030 Indoor Section																						
65	700	10.8	9.90	1.68	13.0	11.9	1.75	15.4	14.0	1.80	17.9	15.9	1.86	20.8	18.9	1.93	24.0	24.0	2.02	27.7	27.7	2.16
	800	10.9	10.1	1.70	13.2	12.1	1.75	15.6	14.2	1.80	18.1	16.1	1.84	21.0	19.1	1.91	24.3	24.3	1.99	28.0	28.0	2.12
	900	11.1	10.2	1.72	13.3	12.2	1.76	15.8	14.4	1.80	18.3	16.3	1.84	21.2	19.3	1.90	24.5	24.5	1.98	28.3	28.3	2.10
70	700	10.5	9.66	1.76	12.8	11.8	1.83	15.2	13.9	1.90	17.7	15.7	1.96	20.6	18.7	2.04	23.7	23.7	2.14	27.3	27.3	2.28
	800	10.7	9.83	1.77	13.0	11.9	1.84	15.4	14.0	1.90	17.9	15.9	1.95	20.8	18.9	2.02	24.0	24.0	2.11	27.7	27.7	2.23
	900	10.9	9.98	1.80	13.1	12.1	1.85	15.6	14.2	1.90	18.1	16.1	1.95	21.0	19.1	2.00	24.2	24.2	2.09	27.9	27.9	2.21
75	700	10.2	9.37	1.83	12.6	11.6	1.92	15.0	13.7	2.00	17.5	15.6	2.07	20.3	18.5	2.16	23.4	23.4	2.26	27.0	27.0	2.40
	800	10.4	9.55	1.85	12.8	11.8	1.93	15.2	13.9	1.99	17.7	15.7	2.06	20.6	18.7	2.13	23.7	23.7	2.22	27.3	27.3	2.35
	900	10.6	9.72	1.87	12.9	11.9	1.94	15.4	14.0	2.00	17.9	15.9	2.05	20.8	18.9	2.12	23.9	23.9	2.20	27.6	27.6	2.32

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Heating		Indoor Section	Size	Heating	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	024	1.00	1.06	CK5A/CK5BA	024	0.95	0.91
	030	1.00	1.05		030	0.97	0.96
	036	1.01	0.98	CK5A/CK5BW	024	0.98	0.94
CC5A/CD5AW	024	1.00	1.06	030	0.96	0.95	
	030	1.00	1.05	COILS + 58MVP040-14 VARIABLE-SPEED FURNACE			
	036	1.01	0.98	CC5A/CD5AA	030	0.98	0.98
CE3AA	024	1.00	1.06	CC5A/CD5AW	030	0.98	0.98
	030	1.01	1.01	CK3BA	024	0.99	0.95
CF5AA	024	1.00	1.04		030	0.98	0.94
CK3BA	024	0.99	1.02	CK5A/CK5BA	024	0.99	0.95
	030	0.99	1.02		030	0.98	0.94
CK5A/CK5BA	024	0.99	1.02	CK5A/CK5BW	024	0.99	0.95
	030	0.99	1.02		030	0.98	0.94
CK5A/CK5BW	024	0.99	1.02	COILS + 58MVP060-14 VARIABLE-SPEED FURNACE			
	030	0.99	1.02	CC5A/CD5AA	030	0.98	0.98
F(A,B)4BN(F,C)	024	1.01	1.02	CC5A/CD5AW	030	0.98	0.98
	030	1.00	1.00	CK3BA	024	0.99	0.95
FC4CNF	024	1.01	1.02		030	0.98	0.95
	030	1.00	1.00	CK5A/CK5BA	024	0.99	0.95
FF1DNA	024	1.01	1.01		030	0.98	0.95
	030	1.01	1.00	CK5A/CK5BW	024	0.99	0.95
FF1DNE	024	1.01	1.01		030	0.98	0.95
	030	1.01	1.00	COILS + 58MVP080-14 VARIABLE-SPEED FURNACE			
FG3AAA	024	0.99	1.06	CC5A/CD5AA	030	0.98	0.98
FK4DNF	001	0.98	0.94	CC5A/CD5AW	030	0.98	0.98
	002	0.98	0.91	CK3BA	024	0.98	0.93
	003	0.98	0.90		030	0.98	0.94
COILS + 58CV(A,X)070-12 VARIABLE-SPEED FURNACE				CK5A/CK5BA	024	0.98	0.93
CC5A/CD5AA	024	0.96	1.01		030	0.98	0.94
	030	0.96	0.99	CK5A/CK5BW	024	0.98	0.93
CC5A/CD5AW	024	0.96	1.01		030	0.98	0.94
	030	0.95	0.99	COILS + 58MVP100-20 VARIABLE-SPEED FURNACE			
CE3AA	024	0.97	0.99	CC5A/CD5AA	030	0.98	0.98
	030	0.97	0.96	CC5A/CD5AW	030	0.98	0.98
CK3BA	024	0.98	0.94	—	—	—	
	030	0.96	0.95	—	—	—	

See notes on pg. 40.

Heat pump heating performance continued

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES °F																				
		-3			7			17			27			37			47			57		
EDB	CFM	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr
		Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†
38YRA030-32, 33, 34 Outdoor Section With FC4CNF036 Indoor Section																						
65	850	12.8	11.8	2.13	15.4	14.2	2.19	18.4	16.7	2.26	21.6	19.2	2.33	25.4	23.1	2.43	29.6	29.6	2.56	34.5	34.5	2.73
	950	13.0	11.9	2.16	15.6	14.3	2.21	18.6	16.9	2.27	21.8	19.4	2.35	25.6	23.3	2.44	29.9	29.9	2.56	34.9	34.9	2.72
	1050	13.1	12.1	2.19	15.8	14.5	2.24	18.8	17.1	2.30	22.0	19.6	2.36	25.9	23.5	2.45	30.2	30.2	2.57	35.2	35.2	2.73
70	850	12.7	11.6	2.21	15.3	14.0	2.28	18.2	16.6	2.35	21.4	19.0	2.43	25.1	22.8	2.53	29.3	29.3	2.66	34.1	34.1	2.84
	950	12.8	11.8	2.24	15.5	14.2	2.30	18.4	16.8	2.37	21.6	19.2	2.44	25.4	23.1	2.54	29.6	29.6	2.66	34.5	34.5	2.83
	1050	13.0	12.0	2.27	15.6	14.4	2.33	18.6	16.9	2.39	21.8	19.4	2.46	25.6	23.3	2.55	29.9	29.9	2.67	34.8	34.8	2.83
75	850	12.5	11.5	2.29	15.2	14.0	2.37	18.1	16.5	2.45	21.2	18.8	2.53	24.9	22.6	2.64	29.0	29.0	2.78	33.8	33.8	2.95
	950	12.7	11.6	2.32	15.4	14.1	2.39	18.3	16.6	2.46	21.4	19.0	2.54	25.1	22.9	2.64	29.3	29.3	2.77	34.1	34.1	2.94
	1050	12.8	11.8	2.35	15.5	14.3	2.42	18.4	16.8	2.48	21.6	19.2	2.56	25.3	23.1	2.65	29.6	29.6	2.77	34.4	34.4	2.94

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Heating		Indoor Section	Size	Heating	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	030	0.98	1.02	CE3AA	030	0.97	0.94
	036	0.99	0.98		036	0.96	0.94
CC5A/CD5AW	030	0.98	1.02	CK3BA	030	0.97	0.97
	036	0.99	0.98		036	0.96	0.89
CE3AA	030	0.99	0.99	CK5A/CK5BA	030	0.96	0.95
	036	0.99	1.02		036	0.95	0.89
CF5AA	036	0.99	0.99	CK5A/CK5BW	030	0.97	0.97
CK3BA	030	0.98	1.00		036	0.95	0.89
CK5A/CK5BA	030	0.98	1.00	COILS + 58MVP040-14 VARIABLE-SPEED FURNACE			
	036	1.00	0.97	CC5A/CD5AA	036	0.99	0.93
CK5A/CK5BT	036	1.00	0.97	CC5A/CD5AW	036	0.99	0.93
	CK5A/CK5BW	030	0.98	1.00	CK3BA	030	0.98
036		1.00	0.97	036		0.99	0.92
F(A,B)4BN(F,C)	030	0.99	0.99	CK5A/CK5BA	030	0.98	0.96
	036	1.00	1.00		036	0.99	0.92
FC4CNF	030	0.99	0.99	CK5A/CK5BT	036	0.99	0.92
	036	1.00	1.00	CK5A/CK5BW	030	0.98	0.96
FF1DNA	030	0.99	0.99	036	0.99	0.92	
FF1DNE	030	0.99	0.99	COILS + 58MVP060-14 VARIABLE-SPEED FURNACE			
FG3AAA	036	0.99	0.99	CC5A/CD5AA	036	0.99	0.93
FK4DNF	001	0.97	0.93	CC5A/CD5AW	036	0.99	0.93
	002	0.98	0.91		CK3BA	030	0.98
	003	0.97	0.89	036		0.99	0.92
COILS + 58CV(A,X)070-12 VARIABLE-SPEED FURNACE				CK5A/CK5BA	030	0.98	0.96
CC5A/CD5AA	030	0.96	1.00		036	0.99	0.92
CC5A/CD5AW	036	0.91	0.89	CK5A/CK5BT	036	0.99	0.92
	030	0.96	1.00		CK5A/CK5BW	030	0.98
CE3AA	030	0.97	0.95	036	0.99	0.92	
	036	0.97	0.95	COILS + 58MVP080-14 VARIABLE-SPEED FURNACE			
CK3BA	030	0.97	0.97	CC5A/CD5AA	036	0.98	0.92
	036	0.96	0.90	CC5A/CD5AW	036	0.98	0.92
CK5A/CK5BA	030	0.97	0.97	CK3BA	030	0.98	0.96
	036	0.96	0.90		036	0.99	0.92
CK5A/CK5BT	036	0.96	0.90	CK5A/CK5BA	030	0.98	0.96
	CK5A/CK5BW	030	0.97		0.97	036	0.99
COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE				CK5A/CK5BT	036	0.99	0.92
CC5A/CD5AA	030	0.95	0.98	CK5A/CK5BW	030	0.98	0.96
	036	0.91	0.87		036	0.99	0.92
CC5A/CD5AW	030	0.95	0.98	COILS + 58MVP100-20 VARIABLE-SPEED FURNACE			
	036	0.92	0.88	CC5A/CD5AA	036	0.98	0.92
					—	—	—

See notes on pg. 40.

Heat pump heating performance continued

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES °F																				
		-3			7			17			27			37			47			57		
EDB	CFM	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr
		Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†
38YRA030-32, 33, 34 Outdoor Section With FC4CNF036 Indoor Section continued																						
65	850	12.8	11.8	2.13	15.4	14.2	2.19	18.4	16.7	2.26	21.6	19.2	2.33	25.4	23.1	2.43	29.6	29.6	2.56	34.5	34.5	2.73
	950	13.0	11.9	2.16	15.6	14.3	2.21	18.6	16.9	2.27	21.8	19.4	2.35	25.6	23.3	2.44	29.9	29.9	2.56	34.9	34.9	2.72
	1050	13.1	12.1	2.19	15.8	14.5	2.24	18.8	17.1	2.30	22.0	19.6	2.36	25.9	23.5	2.45	30.2	30.2	2.57	35.2	35.2	2.73
70	850	12.7	11.6	2.21	15.3	14.0	2.28	18.2	16.6	2.35	21.4	19.0	2.43	25.1	22.8	2.53	29.3	29.3	2.66	34.1	34.1	2.84
	950	12.8	11.8	2.24	15.5	14.2	2.30	18.4	16.8	2.37	21.6	19.2	2.44	25.4	23.1	2.54	29.6	29.6	2.66	34.5	34.5	2.83
	1050	13.0	12.0	2.27	15.6	14.4	2.33	18.6	16.9	2.39	21.8	19.4	2.46	25.6	23.3	2.55	29.9	29.9	2.67	34.8	34.8	2.83
75	850	12.5	11.5	2.29	15.2	14.0	2.37	18.1	16.5	2.45	21.2	18.8	2.53	24.9	22.6	2.64	29.0	29.0	2.78	33.8	33.8	2.95
	950	12.7	11.6	2.32	15.4	14.1	2.39	18.3	16.6	2.46	21.4	19.0	2.54	25.1	22.9	2.64	29.3	29.3	2.77	34.1	34.1	2.94
	1050	12.8	11.8	2.35	15.5	14.3	2.42	18.4	16.8	2.48	21.6	19.2	2.56	25.3	23.1	2.65	29.6	29.6	2.77	34.4	34.4	2.94

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Heating		Indoor Section	Size	Heating	
		Capacity	Power			Capacity	Power
CC5A/CD5AW	036	0.98	0.92	COILS + 58MVP120-20 VARIABLE-SPEED FURNACE			
CK3BA	030	0.97	0.94	CK3BA	030	0.97	0.94
	036	0.98	0.90		036	0.98	0.91
CK5A/CK5BA	030	0.97	0.94	CK5A/CK5BA	030	0.97	0.94
	036	0.98	0.90		036	0.98	0.91
CK5A/CK5BT	036	0.98	0.90	CK5A/CK5BT	036	0.98	0.91
CK5A/CK5BW	030	0.97	0.94	CK5A/CK5BW	030	0.97	0.94
	036	0.98	0.90		036	0.98	0.91

See notes on pg. 40.

Heat pump heating performance continued

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES °F																				
		-3			7			17			27			37			47			57		
		Capacity (MBtuh)		Total Power	Capacity (MBtuh)		Total Power	Capacity (MBtuh)		Total Power	Capacity (MBtuh)		Total Power	Capacity (MBtuh)		Total Power	Capacity (MBtuh)		Total Power	Capacity (MBtuh)		Total Power
EDB	CFM	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†
		38YRA036-31, 32, 33 Outdoor Section With FC4CN(F,B)042 Indoor Section																				
65	1100	16.0	14.7	2.43	19.3	17.7	2.53	22.8	20.8	2.64	26.7	23.7	2.74	31.2	28.4	2.87	36.1	36.1	3.03	41.8	41.8	3.23
	1200	16.2	14.9	2.46	19.4	17.9	2.55	23.0	21.0	2.65	26.9	23.9	2.75	31.4	28.6	2.87	36.4	36.4	3.03	42.1	42.1	3.22
	1300	16.4	15.1	2.48	19.7	18.1	2.58	23.2	21.1	2.66	27.1	24.1	2.76	31.6	28.7	2.88	36.6	36.6	3.03	42.4	42.4	3.22
70	1100	15.7	14.5	2.52	19.1	17.5	2.64	22.6	20.6	2.75	26.5	23.5	2.87	30.9	28.1	3.00	35.7	35.7	3.17	41.3	41.3	3.37
	1200	15.9	14.6	2.55	19.2	17.7	2.66	22.8	20.8	2.76	26.7	23.7	2.87	31.1	28.3	3.00	36.0	36.0	3.16	41.6	41.6	3.36
	1300	16.1	14.8	2.57	19.4	17.8	2.68	23.0	20.9	2.78	26.9	23.9	2.88	31.3	28.5	3.01	36.2	36.2	3.16	41.9	41.9	3.35
75	1100	15.4	14.1	2.62	18.9	17.3	2.74	22.4	20.4	2.87	26.2	23.3	2.99	30.6	27.8	3.14	35.4	35.4	3.31	40.9	40.9	3.52
	1200	15.6	14.3	2.64	19.0	17.5	2.76	22.6	20.6	2.88	26.4	23.5	3.00	30.8	28.0	3.14	35.6	35.6	3.30	41.2	41.2	3.50
	1300	15.7	14.5	2.67	19.2	17.6	2.78	22.7	20.7	2.89	26.6	23.6	3.01	31.0	28.2	3.14	35.9	35.9	3.30	41.5	41.5	3.50

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Heating		Indoor Section	Size	Heating		
		Capacity	Power			Capacity	Power	
CC5A/CD5AA	036	1.00	1.01	CK5A/CK5BE	042	0.98	0.94	
	042	1.00	1.01		CK5A/CK5BT	036	0.98	0.95
CC5A/CD5AW	036	1.00	1.04		042	0.98	0.95	
CE3AA	036	1.00	1.02	CK5A/CK5BW	036	0.98	0.95	
	042	1.00	0.99		COILS + 58CV(A,X)110-22 VARIABLE-SPEED FURNACE			
CF5AA	036	1.00	1.01	CC5A/CD5AA	036	0.97	0.97	
CK3BA	036	1.00	1.01		042	0.97	0.96	
		042	1.00	0.99	CC5A/CD5AW	036	0.97	0.97
CK5A/CK5BA	036	1.00	1.01	042		0.97	0.96	
		042	1.00	0.99	CE3AA	036	0.97	0.98
CK5A/CK5BT	036	1.00	1.01	042		0.98	0.95	
		042	1.00	0.99	CK3BA	036	0.98	0.95
CK5A/CK5BW	036	1.00	1.01	042		0.98	0.94	
	F(A,B)4BN(F,B,C)	042	1.00	1.00	CK5A/CK5BA	036	0.98	0.95
F(A,B)4BN(F,C)	036	1.00	1.03	042		0.98	0.94	
FC4CN(F,B)	042	1.00	1.00	CK5A/CK5BT	036	0.98	0.95	
	FC4CNF	036	1.00		1.03	042	0.98	0.94
FG3AAA	036	1.00	1.03	CK5A/CK5BW	036	0.98	0.95	
	FK4DNF	001	0.98		0.99	COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE		
		002	0.99	0.97	CC5A/CD5AA	042	0.97	0.96
	003	0.98	0.94	CC5A/CD5AW	036	0.97	0.97	
COILS + 58CV(A,X)070-12 VARIABLE-SPEED FURNACE					042	0.97	0.96	
CC5A/CD5AA	036	0.98	0.98	CE3AA	036	0.97	0.98	
CE3AA	036	0.97	1.00		042	0.98	0.95	
		042	0.98	0.97	CK3BA	042	0.98	0.95
CK3BA	036	0.98	0.97	CK5A/CK5BA		042	0.98	0.95
CK5A/CK5BA	036	0.98	0.97	CK5A/CK5BT	042	0.98	0.95	
CK5A/CK5BE	042	0.98	0.95	CK5A/CK5BW	036	0.98	0.95	
CK5A/CK5BT	036	0.98	0.97	COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE				
COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE				CC5A/CD5AA	042	0.97	0.95	
CC5A/CD5AA	036	0.97	0.97	CC5A/CD5AW	036	0.97	0.97	
	042	0.97	0.96		042	0.97	0.96	
CC5A/CD5AW	036	0.97	0.97	CE3AA	036	0.97	0.98	
CE3AA	036	0.97	0.98		042	0.97	0.94	
		042	0.98	0.95	CK3BA	042	0.98	0.94
CK3BA	036	0.98	0.95	CK5A/CK5BA		042	0.98	0.94
		042	0.98	0.95	CK5A/CK5BT	042	0.98	0.94
CK5A/CK5BA	036	0.98	0.95	CK5A/CK5BW	036	0.98	0.95	
	042	0.98	0.95	COILS + 58MVP040-14 VARIABLE-SPEED FURNACE				
	—	—	—	CC5A/CD5AA	042	1.00	0.98	

See notes on pg. 40.

Heat pump heating performance continued

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES °F																				
		-3			7			17			27			37			47			57		
		Capacity (MBtuh)		Total Power	Capacity (MBtuh)		Total Power	Capacity (MBtuh)		Total Power	Capacity (MBtuh)		Total Power	Capacity (MBtuh)		Total Power	Capacity (MBtuh)		Total Power	Capacity (MBtuh)		Total Power
EDB	CFM	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†
		38YRA036-31, 32, 33 Outdoor Section With FC4CN(F,B)042 Indoor Section continued																				
65	1100	16.0	14.7	2.43	19.3	17.7	2.53	22.8	20.8	2.64	26.7	23.7	2.74	31.2	28.4	2.87	36.1	36.1	3.03	41.8	41.8	3.23
	1200	16.2	14.9	2.46	19.4	17.9	2.55	23.0	21.0	2.65	26.9	23.9	2.75	31.4	28.6	2.87	36.4	36.4	3.03	42.1	42.1	3.22
	1300	16.4	15.1	2.48	19.7	18.1	2.58	23.2	21.1	2.66	27.1	24.1	2.76	31.6	28.7	2.88	36.6	36.6	3.03	42.4	42.4	3.22
70	1100	15.7	14.5	2.52	19.1	17.5	2.64	22.6	20.6	2.75	26.5	23.5	2.87	30.9	28.1	3.00	35.7	35.7	3.17	41.3	41.3	3.37
	1200	15.9	14.6	2.55	19.2	17.7	2.66	22.8	20.8	2.76	26.7	23.7	2.87	31.1	28.3	3.00	36.0	36.0	3.16	41.6	41.6	3.36
	1300	16.1	14.8	2.57	19.4	17.8	2.68	23.0	20.9	2.78	26.9	23.9	2.88	31.3	28.5	3.01	36.2	36.2	3.16	41.9	41.9	3.35
75	1100	15.4	14.1	2.62	18.9	17.3	2.74	22.4	20.4	2.87	26.2	23.3	2.99	30.6	27.8	3.14	35.4	35.4	3.31	40.9	40.9	3.52
	1200	15.6	14.3	2.64	19.0	17.5	2.76	22.6	20.6	2.88	26.4	23.5	3.00	30.8	28.0	3.14	35.6	35.6	3.30	41.2	41.2	3.50
	1300	15.7	14.5	2.67	19.2	17.6	2.78	22.7	20.7	2.89	26.6	23.6	3.01	31.0	28.2	3.14	35.9	35.9	3.30	41.5	41.5	3.50

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Heating		Indoor Section	Size	Heating	
		Capacity	Power			Capacity	Power
CK3BA	036	1.00	0.98	CK5A/CK5BT	042	1.00	0.97
	042	1.00	0.97	CK5A/CK5BW	036	1.00	0.98
CK5A/CK5BA	042	1.00	0.97	COILS + 58MVP100-20 VARIABLE-SPEED FURNACE			
CK5A/CK5BT	042	1.00	0.97	CC5A/CD5AA	042	0.99	0.97
CK5A/CK5BW	036	1.00	0.98	CK3BA	036	1.00	0.96
COILS + 58MVP060-14 VARIABLE-SPEED FURNACE					042	0.99	0.95
CK3BA	036	1.00	0.98	CK5A/CK5BA	042	0.99	0.95
	042	1.00	0.97	CK5A/CK5BT	042	0.99	0.95
CK5A/CK5BA	036	1.00	0.98	CK5A/CK5BW	036	1.00	0.96
CK5A/CK5BT	036	1.00	0.98	COILS + 58MVP120-20 VARIABLE-SPEED FURNACE			
COILS + 58MVP080-14 VARIABLE-SPEED FURNACE				CK3BA	036	0.99	0.95
CC5A/CD5AA	042	0.99	0.97		042	0.99	0.95
CK3BA	036	1.00	0.98	CK5A/CK5BA	042	0.99	0.95
	042	1.00	0.97	CK5A/CK5BT	042	0.99	0.95
CK5A/CK5BA	042	1.00	0.97	CK5A/CK5BW	036	0.99	0.95

See notes on pg. 40.

Heat pump heating performance continued

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES °F																					
		-3			7			17			27			37			47			57			
		Capacity (MBtuh)		Total Power	Capacity (MBtuh)		Total Power	Capacity (MBtuh)		Total Power	Capacity (MBtuh)		Total Power	Capacity (MBtuh)		Total Power	Capacity (MBtuh)		Total Power	Capacity (MBtuh)		Total Power	
EDB	CFM	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	
		38YRA042-31, 32, 33 Outdoor Section With FK4DNF005 Indoor Section																					
65	1103	17.2	15.8	2.38	20.8	19.2	2.50	24.9	22.7	2.62	29.3	26.0	2.7	34.5	31.4	2.92	40.5	40.5	3.12	47.4	47.4	3.36	
	1225	17.3	16.0	2.38	21.0	19.3	2.49	25.0	22.8	2.60	29.5	26.2	2.7	34.8	31.6	2.88	40.8	40.8	3.07	47.5	47.5	3.27	
	1409	17.5	16.1	2.39	21.1	19.4	2.48	25.2	23.0	2.59	29.7	26.4	2.7	35.1	31.9	2.85	41.1	41.1	3.03	47.2	47.2	3.18	
70	1103	16.9	15.6	2.49	20.7	19.0	2.62	24.7	22.5	2.75	29.0	25.8	2.9	34.1	31.1	3.07	40.0	40.0	3.28	46.8	46.8	3.54	
	1225	17.1	15.7	2.49	20.8	19.1	2.61	24.8	22.6	2.73	29.2	25.9	2.8	34.4	31.3	3.03	41.0	41.0	3.23	47.2	47.2	3.45	
	1409	17.3	15.9	2.49	21.0	19.3	2.61	25.0	22.8	2.72	29.4	26.1	2.8	34.7	31.6	2.99	40.7	40.7	3.17	47.4	47.4	3.37	
75	1103	16.6	15.3	2.60	20.5	18.8	2.75	24.5	22.3	2.89	28.8	25.5	3.0	33.8	30.8	3.22	39.5	39.5	3.44	46.3	46.3	3.72	
	1225	16.8	15.4	2.59	20.6	18.9	2.74	24.6	22.4	2.87	28.9	25.7	3.0	34.0	31.0	3.18	40.8	40.8	3.39	46.6	46.6	3.64	
	1409	17.0	15.6	2.60	20.8	19.1	2.73	24.8	22.6	2.85	29.2	25.9	2.9	34.3	31.2	3.14	40.8	40.8	3.33	47.1	47.1	3.55	

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Heating		Indoor Section	Size	Heating	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	042	1.00	1.12	CD5AA	048	1.00	1.06
CC5A/CD5AC	048	1.00	1.16	CE3AA	042	1.00	1.06
CC5A/CD5AW	048	1.00	1.11		048	1.01	1.06
CD5AA	048	1.00	1.11	CK3BA	042	1.01	1.06
CE3AA	042	1.00	1.11		048	1.01	1.05
	CF5AA	048	1.00	1.09	CK5A/CK5BA	042	1.01
048		1.00	1.11	048		1.01	1.05
CK3BA	042	1.00	1.11	CK5A/CK5BT	042	1.01	1.06
	048	1.00	1.09		048	1.01	1.05
CK5A/CK5BA	042	1.00	1.11	CK5A/CK5BW	048	1.01	1.05
	048	1.00	1.09		COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE		
CK5A/CK5BT	042	1.00	1.11	CC5A/CD5AA	042	1.00	1.08
	048	1.00	1.09	CC5A/CD5AC	048	0.99	1.10
CK5A/CK5BW	048	1.00	1.09	CC5A/CD5AW	042	1.00	1.10
	F(A,B)4BN(F,B,C)	042	1.00		1.12	048	1.00
FC4CN(F,B)		048	1.00	1.08	CD5AA	048	1.00
	FG3AAA	042	1.00	1.12	CE3AA	042	1.00
048		1.00	1.08	048		1.01	1.06
FK4DNF	048	1.00	1.10	CK3BA	042	1.01	1.06
	003	0.98	1.06		48	1.01	1.05
COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE	005	1.00	1.00	CK5A/CK5BA	042	1.01	1.06
					048	1.01	1.05
CC5A/CD5AA	042	1.00	1.09	CK5A/CK5BT	042	1.01	1.06
CC5A/CD5AC	048	1.00	1.12		048	1.01	1.05
CD5AA	048	1.00	1.08	CK5A/CK5BW	048	1.01	1.05
CE3AA	042	1.01	1.08	COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE			
	048	1.01	1.07	CC5A/CD5AA	042	1.00	1.08
CK3BA	042	1.01	1.08	CC5A/CD5AC	048	0.99	1.10
	048	1.01	1.06	CC5A/CD5AW	042	1.00	1.10
CK5A/CK5BA	042	1.02	1.08		048	1.00	1.06
	048	1.01	1.06	CD5AA	048	1.00	1.06
CK5A/CK5BE	042	1.01	1.06	CE3AA	042	1.00	1.06
CK5A/CK5BT	042	1.01	1.08		048	1.01	1.06
	048	1.01	1.06	CK3BA	042	1.01	1.06
					048	1.01	1.05
COILS + 58CV(A,X)110-22 VARIABLE-SPEED FURNACE				CK5A/CK5BA	042	1.01	1.06
CC5A/CD5AA	042	1.00	1.08		048	1.01	1.05
CC5A/CD5AC	048	0.99	1.10		CK5A/CK5BT	042	1.01
CC5A/CD5AW	042	1.00	1.10	048		1.01	1.05

See notes on pg. 40.

Heat pump heating performance continued

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES °F																				
		-3			7			17			27			37			47			57		
EDB	CFM	Capacity (MBtuh)		Total Power	Capacity (MBtuh)		Total Power	Capacity (MBtuh)		Total Power	Capacity (MBtuh)		Total Power	Capacity (MBtuh)		Total Power	Capacity (MBtuh)		Total Power	Capacity (MBtuh)		Total Power
		Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†
38YRA042-31, 32, 33 Outdoor Section With FK4DNF005 Indoor Section continued																						
65	1103	17.2	15.8	2.38	20.8	19.2	2.50	24.9	22.7	2.62	29.3	26.0	2.7	34.5	31.4	2.92	40.5	40.5	3.12	47.4	47.4	3.36
	1225	17.3	16.0	2.38	21.0	19.3	2.49	25.0	22.8	2.60	29.5	26.2	2.7	34.8	31.6	2.88	40.8	40.8	3.07	47.5	47.5	3.27
	1409	17.5	16.1	2.39	21.1	19.4	2.48	25.2	23.0	2.59	29.7	26.4	2.7	35.1	31.9	2.85	41.1	41.1	3.03	47.2	47.2	3.18
70	1103	16.9	15.6	2.49	20.7	19.0	2.62	24.7	22.5	2.75	29.0	25.8	2.9	34.1	31.1	3.07	40.0	40.0	3.28	46.8	46.8	3.54
	1225	17.1	15.7	2.49	20.8	19.1	2.61	24.8	22.6	2.73	29.2	25.9	2.8	34.4	31.3	3.03	41.0	41.0	3.23	47.2	47.2	3.45
	1409	17.3	15.9	2.49	21.0	19.3	2.61	25.0	22.8	2.72	29.4	26.1	2.8	34.7	31.6	2.99	40.7	40.7	3.17	47.4	47.4	3.37
75	1103	16.6	15.3	2.60	20.5	18.8	2.75	24.5	22.3	2.89	28.8	25.5	3.0	33.8	30.8	3.22	39.5	39.5	3.44	46.3	46.3	3.72
	1225	16.8	15.4	2.59	20.6	18.9	2.74	24.6	22.4	2.87	28.9	25.7	3.0	34.0	31.0	3.18	40.8	40.8	3.39	46.6	46.6	3.64
	1409	17.0	15.6	2.60	20.8	19.1	2.73	24.8	22.6	2.85	29.2	25.9	2.9	34.3	31.2	3.14	40.8	40.8	3.33	47.1	47.1	3.55

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Heating		Indoor Section	Size	Heating	
		Capacity	Power			Capacity	Power
CK5A/CK5BW	048	1.01	1.05	COILS + 58MVP100-20 VARIABLE-SPEED FURNACE			
COILS + 58MVP040-14 VARIABLE-SPEED FURNACE				CD5AA	048	1.00	1.11
CK3BA	048	1.02	1.11	CK3BA	042	1.00	1.08
CK5A/CK5BW	048	1.02	1.11		048	1.00	1.05
COILS + 58MVP060-14 VARIABLE-SPEED FURNACE				CK5A/CK5BA	042	1.00	1.08
CK3BA	048	1.02	1.10		048	1.00	1.05
COILS + 58MVP080-14 VARIABLE-SPEED FURNACE				CK5A/CK5BT	042	1.00	1.08
CD5AA	048	1.00	1.12		048	1.00	1.05
CK3BA	042	1.02	1.12	COILS + 58MVP120-20 VARIABLE-SPEED FURNACE			
	048	1.02	1.09	CK3BA	042	1.00	1.08
CK5A/CK5BA	042	1.02	1.12		048	1.00	1.05
	048	1.02	1.09	CK5A/CK5BA	042	1.00	1.08
CK5A/CK5BT	042	1.02	1.12	CK5A/CK5BT	042	1.00	1.08
	048	1.02	1.09	CK5A/CK5BW	048	1.00	1.05

See notes on pg. 40.

Heat pump heating performance continued

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES °F																				
		-3			7			17			27			37			47			57		
EDB	CFM	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr	Capacity (MBtuh)		Total Pwr
		Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†
38YRA048-31, 33, 34 Outdoor Section With FK4DNF005 Indoor Section																						
65	1260	22.1	20.4	2.93	26.6	24.5	3.11	31.5	28.7	3.29	37.1	33.8	3.50	42.7	38.9	3.71	49.6	49.6	3.98	57.7	57.7	4.34
	1400	22.3	20.6	2.93	26.8	24.7	3.10	31.7	28.9	3.26	37.4	34.0	3.46	43.1	39.2	3.65	50.1	50.1	3.91	58.2	58.2	4.24
	1610	22.6	20.8	2.95	27.1	24.9	3.10	32.0	29.2	3.25	37.7	34.4	3.42	43.5	39.6	3.60	50.6	50.6	3.84	58.9	58.9	4.15
70	1260	21.7	19.9	3.06	26.4	24.2	3.26	31.2	28.4	3.46	36.7	33.4	3.68	42.3	38.5	3.91	49.1	49.1	4.20	57.0	57.0	4.56
	1400	21.9	20.1	3.06	26.6	24.4	3.25	31.4	28.6	3.43	37.0	33.7	3.64	42.6	38.8	3.85	49.5	49.5	4.12	57.5	57.5	4.47
	1610	22.2	20.4	3.07	26.8	24.7	3.25	31.7	28.9	3.42	37.4	34.0	3.61	43.0	39.2	3.79	50.0	50.0	4.04	58.2	58.2	4.37
75	1260	21.1	19.4	3.18	26.0	23.9	3.42	30.9	28.2	3.63	36.3	33.1	3.87	41.8	38.0	4.11	48.5	48.5	4.42	56.3	56.3	4.80
	1400	21.4	19.7	3.19	26.3	24.1	3.41	31.1	28.4	3.61	36.6	33.4	3.83	42.1	38.4	4.05	48.9	48.9	4.34	56.8	56.8	4.70
	1610	21.7	20.0	3.20	26.5	24.4	3.40	31.4	28.6	3.59	37.0	33.7	3.79	42.6	38.7	3.99	49.4	49.4	4.26	57.4	57.4	4.59

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Heating		Indoor Section	Size	Heating	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	060	1.00	1.12	CK3BA	048	1.00	1.03
CC5A/CD5AC	048	1.00	1.11		060	1.01	0.98
CC5A/CD5AW	048	1.00	1.11	CK5A/CK5BA	048	1.00	1.03
	060	1.01	1.06		060	1.01	0.98
CE3AA	048	1.00	1.09	CK5A/CK5BT	048	1.00	1.03
	060	1.01	1.06		060	1.01	0.98
CF5AA	048	1.00	1.11	CK5A/CK5BW	048	1.00	1.03
CK5A/CK5BA	048	1.00	1.07	CK5A/CK5BX	060	1.00	0.97
	060	1.00	1.06		COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE		
CK5A/CK5BT	048	1.00	1.07	CC5A/CD5AA	060	0.98	1.06
	060	1.00	1.06	CC5A/CD5AC	048	0.98	1.10
CK5A/CK5BW	048	1.00	1.07	CC5A/CD5AW	048	0.99	1.05
CK5A/CK5BX	060	1.01	1.03		060	1.00	1.02
F(A,B)4BN(F,B,C)	048	1.01	1.08	CD5AA	048	0.99	1.05
	060	1.02	1.06	CE3AA	048	1.00	1.04
FB4BNB	070	1.03	1.02		060	1.00	1.02
FC4CN(F,B)	048	1.01	1.08	CK3BA	048	1.00	1.03
	060	1.02	1.06		060	1.01	0.99
FC4CNB	054	1.02	0.99	CK5A/CK5BA	048	1.00	1.03
	070	1.03	1.02		060	1.01	0.99
FG3AAA	048	1.00	1.09	CK5A/CK5BT	048	1.00	1.03
	060	1.00	1.08		060	1.01	0.99
FK4DNB	006	1.00	0.95	CK5A/CK5BW	048	1.00	1.03
FK4DNF	005	1.00	1.00	CK5A/CK5BX	060	1.00	0.98
COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE				COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE			
CC5A/CD5AC	048	0.98	1.11	CC5A/CD5AA	060	0.98	1.06
CD5AA	048	0.99	1.06	CC5A/CD5AC	048	0.98	1.09
CE3AA	048	1.00	1.05	CC5A/CD5AW	048	0.99	1.05
	060	1.00	1.03		060	1.00	1.01
CK3BA	048	1.00	1.04	CD5AA	048	0.99	1.04
CK5A/CK5BA	048	1.00	1.04	CE3AA	048	1.00	1.04
CK5A/CK5BT	048	1.00	1.04		060	1.00	1.02
COILS + 58CV(A,X)110-22 VARIABLE-SPEED FURNACE				CK3BA	048	1.00	1.02
CC5A/CD5AA	060	0.98	1.06	060	1.00	0.97	
CC5A/CD5AC	048	0.98	1.10	CK5A/CK5BA	048	1.00	1.02
CC5A/CD5AW	048	0.99	1.05		060	1.00	0.97
CD5AA	048	0.99	1.05	CK5A/CK5BT	048	1.00	1.02
CE3AA	048	1.00	1.04		060	1.00	0.97
	060	1.00	1.02	CK5A/CK5BW	048	1.00	1.02
—	—	—	—	CK5A/CK5BX	060	1.00	0.97

See notes on pg. 40.

Heat pump heating performance continued

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES °F																				
		-3			7			17			27			37			47			57		
		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†
		38YRA048-31, 33, 34 Outdoor Section With FK4DNF005 Indoor Section continued																				
65	1260	22.1	20.4	2.93	26.6	24.5	3.11	31.5	28.7	3.29	37.1	33.8	3.50	42.7	38.9	3.71	49.6	49.6	3.98	57.7	57.7	4.34
	1400	22.3	20.6	2.93	26.8	24.7	3.10	31.7	28.9	3.26	37.4	34.0	3.46	43.1	39.2	3.65	50.1	50.1	3.91	58.2	58.2	4.24
	1610	22.6	20.8	2.95	27.1	24.9	3.10	32.0	29.2	3.25	37.7	34.4	3.42	43.5	39.6	3.60	50.6	50.6	3.84	58.9	58.9	4.15
70	1260	21.7	19.9	3.06	26.4	24.2	3.26	31.2	28.4	3.46	36.7	33.4	3.68	42.3	38.5	3.91	49.1	49.1	4.20	57.0	57.0	4.56
	1400	21.9	20.1	3.06	26.6	24.4	3.25	31.4	28.6	3.43	37.0	33.7	3.64	42.6	38.8	3.85	49.5	49.5	4.12	57.5	57.5	4.47
	1610	22.2	20.4	3.07	26.8	24.7	3.25	31.7	28.9	3.42	37.4	34.0	3.61	43.0	39.2	3.79	50.0	50.0	4.04	58.2	58.2	4.37
75	1260	21.1	19.4	3.18	26.0	23.9	3.42	30.9	28.2	3.63	36.3	33.1	3.87	41.8	38.0	4.11	48.5	48.5	4.42	56.3	56.3	4.80
	1400	21.4	19.7	3.19	26.3	24.1	3.41	31.1	28.4	3.61	36.6	33.4	3.83	42.1	38.4	4.05	48.9	48.9	4.34	56.8	56.8	4.70
	1610	21.7	20.0	3.20	26.5	24.4	3.40	31.4	28.6	3.59	37.0	33.7	3.79	42.6	38.7	3.99	49.4	49.4	4.26	57.4	57.4	4.59

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Heating		Indoor Section	Size	Heating	
		Capacity	Power			Capacity	Power
COILS + 58MVP040-14 VARIABLE-SPEED FURNACE				CC5A/CD5AW	060	0.99	1.04
CC5A/CD5AA	060	0.99	1.14	CK5A/CK5BA	060	1.01	1.05
CC5A/CD5AW	060	0.99	1.06	CK5A/CK5BT	060	1.01	1.05
COILS + 58MVP060-14 VARIABLE-SPEED FURNACE				CK5A/CK5BX	060	1.00	0.95
CC5A/CD5AA	060	0.99	1.13	COILS + 58MVP120-20 VARIABLE-SPEED FURNACE			
CC5A/CD5AW	060	1.00	1.07	CK5A/CK5BA	048	1.01	1.06
COILS + 58MVP080-14 VARIABLE-SPEED FURNACE					060	1.01	1.04
CC5A/CD5AA	060	0.98	1.11	CK5A/CK5BT	048	1.01	1.06
CC5A/CD5AW	060	0.99	1.04		060	1.01	1.04
COILS + 58MVP100-20 VARIABLE-SPEED FURNACE				CK5A/CK5BW	048	1.01	1.06
CC5A/CD5AA	060	0.98	1.11	CK5A/CK5BX	060	1.02	1.01

See notes on pg. 40.

Heat pump heating performance continued

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES °F																				
		-3			7			17			27			37			47			57		
EDB	CFM	Capacity (MBtuh)		Total Power	Capacity (MBtuh)		Total Power	Capacity (MBtuh)		Total Power	Capacity (MBtuh)		Total Power	Capacity (MBtuh)		Total Power	Capacity (MBtuh)		Total Power	Capacity (MBtuh)		Total Power
		Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†	Total	Int*	kW†
38YRA060-30, 31, 32 Outdoor Section With FK4DNB006 Indoor Section																						
65	1575	28.0	25.8	3.81	33.2	30.6	4.02	39.1	35.6	4.24	45.3	40.3	4.4	52.8	48.0	4.81	61.2	61.2	5.20	71.0	71.0	5.73
	1750	28.3	26.0	3.82	33.5	30.8	4.01	39.4	35.9	4.22	45.7	40.5	4.4	53.2	48.4	4.76	61.7	61.7	5.14	71.7	71.7	5.65
	2012	28.6	26.3	3.84	33.9	31.1	4.02	39.7	36.2	4.21	46.1	40.9	4.4	53.7	48.9	4.72	62.3	62.3	5.09	72.0	72.0	5.52
70	1575	27.7	25.5	3.98	32.9	30.3	4.21	38.7	35.3	4.45	44.9	39.8	4.7	52.1	47.5	5.05	60.5	60.5	5.45	70.2	70.2	5.99
	1750	28.0	25.7	3.99	33.2	30.5	4.20	39.0	35.6	4.43	45.2	40.1	4.6	52.6	47.8	4.99	61.0	61.0	5.38	71.6	71.6	5.91
	2012	28.3	26.0	4.02	33.5	30.8	4.21	39.4	35.9	4.42	45.6	40.5	4.6	53.1	48.3	4.95	61.6	61.6	5.32	71.5	71.5	5.84
75	1575	27.4	25.2	4.16	32.6	30.0	4.41	38.3	35.0	4.67	44.4	39.4	4.9	51.6	47.0	5.29	59.8	59.8	5.72	69.3	69.3	6.27
	1750	27.6	25.4	4.16	32.9	30.2	4.40	38.6	35.2	4.64	44.7	39.7	4.9	52.0	47.3	5.23	60.3	60.3	5.64	70.0	70.0	6.17
	2012	28.0	25.7	4.19	33.2	30.5	4.41	39.0	35.6	4.63	45.2	40.1	4.8	52.5	47.8	5.18	60.9	60.9	5.57	70.7	70.7	6.10

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Heating		Indoor Section	Size	Heating	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	060	1.00	1.18	CK5A/CK5BX	060	1.02	1.07
CC5A/CD5AW	060	1.00	1.11	COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE			
CE3AA	060	1.00	1.11	CC5A/CD5AA	060	1.00	1.15
CK3BA	060	1.00	1.13	CC5A/CD5AW	060	1.02	1.10
CK5A/CK5BA	060	1.00	1.13	CK3BA	060	1.02	1.07
CK5A/CK5BT	060	1.00	1.13	CK5A/CK5BA	060	1.02	1.07
CK5A/CK5BX	060	1.00	1.08	CK5A/CK5BT	060	1.02	1.07
F(A,B)4BN(F,B,C)	060	1.00	1.08	CK5A/CK5BX	060	1.02	1.07
FB4BNB	070	1.00	1.03	COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE			
FC4CN(F,B)	060	1.00	1.08	CC5A/CD5AA	060	1.00	1.14
FC4CNB	070	1.00	1.03	CC5A/CD5AW	060	1.02	1.10
FG3AAA	060	1.00	1.13	CK3BA	060	1.02	1.06
FK4DNB	006	1.00	1.00	CK5A/CK5BA	060	1.02	1.06
COILS + 58CV(A,X)110-22 VARIABLE-SPEED FURNACE				CK5A/CK5BT	060	1.02	1.06
CC5A/CD5AA	060	1.00	1.15	CK5A/CK5BX	060	1.02	1.06
CK3BA	060	1.02	1.06	COILS + 58MVP100-20 VARIABLE-SPEED FURNACE			
CK5A/CK5BA	060	1.02	1.06	CC5A/CD5AA	060	1.00	1.19
CK5A/CK5BT	060	1.02	1.06	CC5A/CD5AW	060	1.00	1.11

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

- Intended for outdoor installation with free air inlet and outlet. Outdoor fan external static pressure available is less than 0.01-in. wc.
- Minimum outdoor operating air temperature for cooling mode without low-ambient operation accessory is 55°F (12.8°C).
- Maximum outdoor operating air temperature for cooling mode is 125°F (51.7°C).
- Minimum outdoor operating air temperature for heating mode is -30°F (-34.4°C).
- Maximum outdoor operating air temperature for heating mode is 66°F (18.9°C).
- For reliable operation, unit should be level in all horizontal planes.
- 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).
- For interconnecting refrigerant tube lengths greater than 50 ft. or 20 ft. vertical differential, consult Long-Line Application Guideline available from equipment distributor.
- Not more than 36 in. of refrigerant tube should be buried in the ground. To bury tubing more than 36 in. in length, consult your local distributor. If necessary to bury tubes under a sidewalk, provide a minimum 6-in. vertical rise to the valve connections at the unit.
- Use only copper wire for electric connection at unit. Aluminum and clad aluminum are not acceptable for the type of connector provided.
- Mismatches of indoor coil capacity more than 1 size larger than outdoor unit capacity may result in inadequate indoor comfort.

Guide specifications

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

GENERAL

System Description

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

Quality Assurance

Unit will be rated in accordance with the latest edition of ARI Standard 240.

Unit will be certified for capacity and efficiency, and listed in the latest ARI directory.

Unit construction will comply with latest edition of ANSI/ASHRAE and with NEC.

Unit will be constructed in accordance with UL standards and will carry the UL label of approval. Unit will have C-UL approval.

Unit cabinet will be capable of withstanding Federal Test Method Standard No. 141 (Method 6061) 500-hr salt spray test.

Air-cooled condenser coils will be leak tested at 217 psig and pressure tested at 450 psig.

Delivery, Storage, and Handling

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

Warranty (for inclusion by specifying engineer)

U.S. and Canada only.

PRODUCTS

Equipment

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

Unit Cabinet

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

Fans

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

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

Shafts will be corrosion resistant.

Fan blades will be statically and dynamically balanced.

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

Compressor

Compressor will be hermetically sealed.

Compressor will be mounted on rubber vibration isolators.

Condenser Coil

Condenser coil will be air cooled.

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

Refrigeration Components

Refrigeration circuit components will include liquid tube shutoff valve with sweat connections, suction tube shutoff valves with sweat connections, system charge of Puron® refrigerant, POE compressor oil, accumulator, and reversing valve.

Operating Characteristics

The capacity of the unit will meet or exceed ____ Btuh at a suction temperature of ____ °F. The power consumption at full load will not exceed ____ kW.

Combination of the unit and the evaporator or fan coil unit will have a total net cooling capacity of ____ Btuh or greater at conditions of ____ CFM entering air temperature at the evaporator at ____ °F wet bulb and ____ °F dry bulb, and air entering the unit at ____ °F.

The system will have a SEER of ____ Btuh/watt or greater at DOE conditions.

Electrical Requirements

Nominal unit electrical characteristics will be ____ v, ____ phase, 60 hz. The unit will be capable of satisfactory operation within voltage limits of ____ v to ____ v.

Unit electrical power will be single point connection.

Control circuit will be 24v.

Special Features

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

