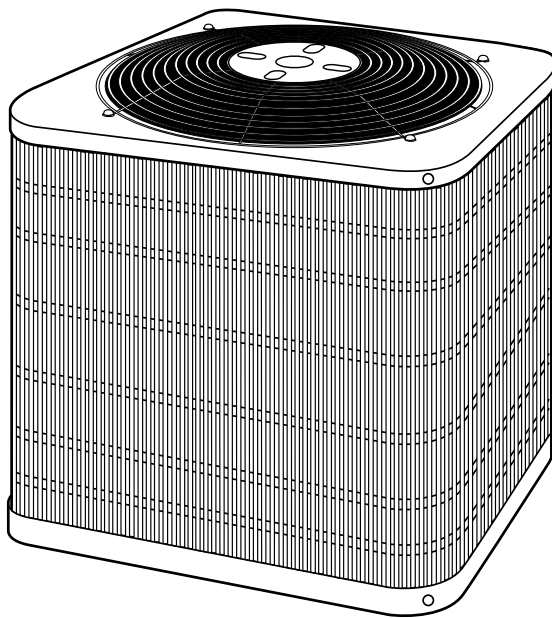




Product Data

38BRG (60 Hz) 12 SEER Air Conditioner

Sizes 018 thru 060



Model 38BRG Energy-Efficient Air Conditioner incorporates innovative technology to provide quiet, reliable cooling performance. Built into these units are the features most desired by homeowners today, including SEER ratings up to 14.0 when used with specific Carrier indoor sections. All models are listed with UL (U.S. and Canada), ARI, and CEC. The 38BRG meets the Energy Star® guidelines for energy efficiency.

AVAILABLE OPTIONS

Electrical Range — All units are offered in single phase 208/230v.

Wide Range of Sizes — Available in 7 nominal sizes from 018 through 060 to meet the needs of residential and light commercial applications.

Compressor — This unit features the latest in reliable efficient compressor technology. Each compressor is mounted on rubber isolators for additional sound reduction. For improved serviceability, all models are equipped with a compressor terminal plug. Continuous operation is approved down to 55°F (12.8°C) in the cooling mode. (See cooling performance tables.) Operation down to 0°F or -20°F is approved when low-ambient requirements are met.

WeatherArmor™ Cabinet — The access panels and top are protected with galvanized coating, then treated with a layer of zinc phosphate to which a modified polyester powder coating is applied and baked on. This provides each unit with a hard, smooth finish that will last for many years.

WeatherArmor Grille provides:

- Easy to clean-natural clean.
- Lower maintenance cost.
- Lower service cost.
- Higher unit lifetime efficiency than most competitors

The WeatherArmor Grille stops damage from sticks and marble-size hail proving its reliability, quality and toughness.

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

Totally Enclosed Fan Motor —

Means greater reliability under adverse weather conditions and dependable performance for many years. The permanent-split-capacitor type motor was designed for optimum efficiency. The motor was tested and qualified under extreme conditions to ensure the greatest reliability.

Unit Design — Copper tube, enhanced sine wave aluminum fin coil is designed for optimum heat transfer. Vertical air discharge carries sound and hot condenser air up and away from adjacent patio areas and foliage. Heat pump style drain pan for easy removal of water, dirt, and leaves.

Application Versatility — The 38BRG can be combined with a wide variety of evaporator coils and blower packages to provide quiet, dependable comfort. Unit can be installed on a roof or at ground level.

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

Easy Serviceability — One access panel provides access to electrical controls and compressor. Removal of the wire fan guard gives access to fan motor and removal of the top gives access to the coil.

Compressor Protection — Includes a suction tube accumulator on the 048 and 060 sizes that reduces the amount of liquid refrigerant reaching the compressor. All compressors are protected by internal temperature and current sensitive overloads. An internal pressure relief is provided for high-pressure protection.

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



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



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



REGISTERED QUALITY SYSTEM

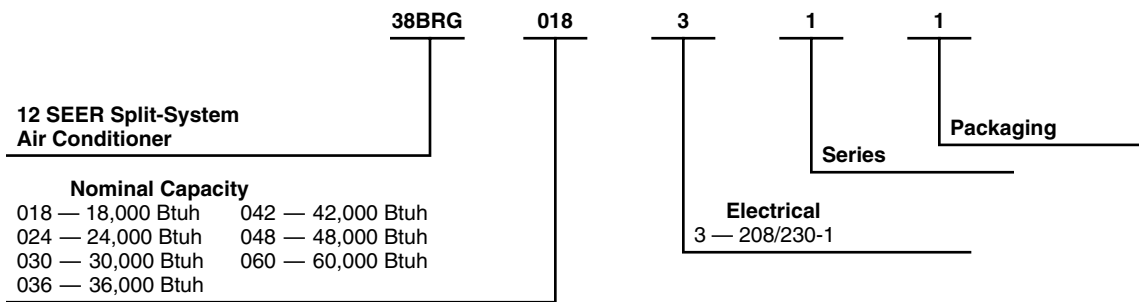


APPROVALS
ISO 9001
EN 29001
BS 5750 PART 1
ANSI/ASQC Q91



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

Model number nomenclature



Physical data

UNIT SIZE-SERIES	018-30/31	024-30/31	030-30/31	036-30/32	042-30/32	048-31	060-30
OPERATING WEIGHT (Lb)	133/141	138/143	161/164	169	180	224	264
COMPRESSOR Type	Scroll/Reciprocating					Scroll	
REFRIGERANT Control Charge (Lb) @ 15 Ft	R-22 AccuRater® (Bypass Type)						
	5.0	5.25	6.25/6.50	6.50/6.75	6.75/7.25	8.80	12.88
CONDENSER FAN Air Discharge Air Qty (CFM) Motor HP Motor RPM	Propeller Type, Direct Drive Vertical						
	1700	2000	2500	2800	3300	3300	
	1/12	1/10	1/8	1/5	1/4	1/4	
	1100	1100	825	825	1125	1125	
CONDENSER COIL Face Area (Sq ft) Fins per In. Rows Circuits	Copper Tube, Aluminum Plate Fin						
	10.8/11.6	11.6	14.9/14.8	14.9/14.8	18.7/18.5	22.2	22.4
	25	25	25	25	25	20/25	23
	1	1	1	1	1	2/1	2
	2	2	2	2	3	5/4	6
VALVE CONNECT. (In. ID) Vapor Liquid	Sweat						
	5/8		3/4		7/8		
				3/8			
REFRIG TUBES* (In. OD) Vapor (0-50 Ft Tube Length) Vapor (Max Diameter for Long-Line Applications) Liquid (0-50 Ft Tube Length) Liquid (For Long-Line Applications)							
	5/8		3/4		7/8		1-1/8
	3/4		7/8		1-1/8		
				3/8			
				3/8			

* Tube sizes are for runs up to 50 ft. For tube sets greater than 50 ft horizontal and/or 20 ft vertical differential, consult Residential Split System Long-Line Application Guideline.

NOTE: See unit Installation Instructions for proper installation.

ACCURATER® PISTON CHART

UNIT SIZE-SERIES	PISTON* IDENTIFICATION NO.
018-30	52
018-31	55
024-30	61
024-31	63
030-30, 31	70
036-30	73
036-32	76
042-30, 32	82
048-31	88
060-30	104

* Piston listed is for any approved non-capillary tube coil combination. Piston is shipped with outdoor unit and must be installed in an approved indoor coil.

CHARGING SUBCOOLING (TXV-TYPE EXPANSION DEVICE)

UNIT SIZE-SERIES	REQUIRED SUBCOOLING (°F)
018-30	9
018-31	10
024-30	13
024-31	10
030-30	11
030-31	10
036-30	14
036-32	10
042-30	12
042-32	10
048-31	11
060-30	11

Accessories

ORDERING NO.	DESCRIPTION
KAATD0101TDR	Time-Delay Relay — All Sizes
KSALA0201R22	Low-Ambient Pressure Switch — All Sizes
KSALA0401AAA*	MotorMaster®—Low-Ambient Controller— All Sizes
HC34GE232 (RCD)	Ball Bearing Fan Motor — Sizes 018, 024
HC38GE231 (RCD)	Ball Bearing Fan Motor — Sizes 030, 036, 042
HC40GE232 (RCD)	Ball Bearing Fan Motor — Sizes 048, 060
KAFT0101AAA	Evaporator Freeze Thermostat — All Sizes
KAWS0101AAA	Winter Start Control — All Sizes
KSACY0101AAA	Cycle Protector — All Sizes
KSAS1501AAA	Start Assist — Capacitor and Relay — Sizes 018(30), 024(30), 030(30), 036(30), 042(30), 048
KSAS1601AAA	Start Assist — Capacitor and Relay — Size 060
KAACS0201PTC	Start Assist — PTC — All Sizes
KSAS0901AAA	Start Assist — Capacitor and Relay — Sizes 030(31), 036(32), 042(32)
KSAS2001AAA	Start Assist — Capacitor and Relay — Sizes 018(31), 024(31)
KAACH1001AAA	Crankcase Heater — Sizes 018(31), 024(31), 030(31), 036(31), 042(31)
KAACH1201AAA	Crankcase Heater — Sizes 018(30), 024(30), 030(30), 036(30), 042(30)
Standard	Crankcase Heater — Sizes 048, 060
KSASH0601COP	Sound Hood — Sizes 036(30), 042(30), 048
KSASH1801COP	Sound Hood — Sizes 018(30), 024(30), 030(30)
KSASH2001BRL	Sound Hood — Sizes 018(31), 024(31), 030(31), 036(32), 042(32)
KSASH2101COP	Sound Hood — Size 060
KAATX0201RPB	TXV Kit (RPB) — Size 018
KAATX0301RPB	TXV Kit (RPB) — Size 024
KAATX0401RPB	TXV Kit (RPB) — Size 030
KAATX0501RPB	TXV Kit (RPB) — Sizes 036, 042
KAATX0601RPB	TXV Kit (RPB) — Size 048
KAATX0701RPB	TXV Kit (RPB) — Size 060
KSATX0601HSO	TXV Kit (Hard Shutoff) — Sizes 018–042
KSATX0701HSO	TXV Kit (Hard Shutoff) — Size 048
KSATX1001HSO	TXV Kit (Hard Shutoff) — Size 060
KAALP0101LPS	Low-Pressure Switch — All Sizes
KAHI0101HPS	High-Pressure Switch — All Sizes
P502-8083S (RCD)	Filter Drier — Sizes 018–036
P502-8163S (RCD)	Filter Drier — Size 042
Standard	Filter Drier — Sizes 048, 060
KAALS0101LLS	Liquid-Line Solenoid Valve — All Sizes
KAACF1001MED	Coastal Filter — Size 018, 024
KAACF1101LRG	Coastal Filter — Sizes 030–060

*Install with ball-bearing fan motor.

THERMOSTAT/SUBBASE PKG.	DESCRIPTION
TSTATCCPRH01-B	Thermostat™ Control—Programmable/Non-Programmable Thermostat with Humidity Control
TSTATCCPAC01-B	Thermostat—Auto Changeover, 7-Day Programmable, °F/°C, 1-Stage Heat, 1-Stage Cool
TSTATCCNAC01-C	Thermostat—Auto Changeover, Non-Programmable, °F/°C, 1-Stage Heat, 1- Stage Cool
TSTATCCSAC01	Thermostat, Manual Changeover, 5-2 Day Programmable, °F/°C, 1-Stage Heat/1-Stage Cool
TSTATCCBAC01-B	Builder's Thermostat—Manual Changeover, Non-Programmable, °F/°C, 1-Stage Heat, 1-Stage cool
TSTATXXSEN01-B	Outdoor Air Temperature Sensor
TSTATXXBBP01	Backplate for Builder's Thermostat
TSTATXXNBP01	Backplate for Non-Programmable Thermostat
TSTATXXPPB01	Backplate for Programmable Thermostat
TSTATXXSBP01	Backplate for Standard Programmable Thermostat
TSTATXXCNV10	Thermostat Conversion Kit (4 to 5 Wire) — 10 Pack

Accessory usage guideline

ACCESSORY	REQUIRED FOR LOW-AMBIENT APPLICATIONS (Below 55°F)	REQUIRED FOR LONG-LINE APPLICATIONS* (Over 50 Ft)	REQUIRED FOR SEA COAST APPLICATIONS (Within 2 Miles)
Crankcase Heater	Yes	Yes	No
Evaporator Freeze Thermostat	Yes	No	No
Winter Start Control	Yes†	No	No
Accumulator	No	No	No
Compressor Start Assist Capacitor and Relay	Yes	Yes	No
MotorMaster®—Low-Ambient Controller or Low-Ambient Pressure Switch	Yes	No	No
Wind Baffle	See Low-Ambient Instructions	No	No
Coastal Filter	No	No	Yes
Support Feet	Recommended	No	Recommended
Liquid-Line Solenoid Valve or Hard Shutoff TXV	No	See Long-Line Application Guideline	No
Ball Bearing Fan Motor	Yes‡	No	No

* For tubing lines sets greater than 50 ft horizontal or 20 ft vertical differential, refer to the Residential Split-System Long-Line Application Guideline.

† Only when low-ambient pressure switch is used.

‡ Required for MotorMaster® Low-Ambient Controller (full modulation feature) and Control only.

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
- 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

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 single-phase 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.

Usage Guideline:

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

6. Cycle Protector

Solid-state timing device which prevents compressor rapid recycling. 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:

Installations in areas where power interruptions are frequent.
Where user is likely to “play” with the room thermostat.
All commercial installations.
Installations where interconnecting tube length exceeds 50 ft.
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.

Accessory description and usage (continued)

8. Filter Drier

A device for removing contaminants from refrigerant circulating in an air conditioning system: single-direction flow.

Usage Guideline:

Suggested in all field-connected split-system air conditioners.

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. Liquid-Line Solenoid Valve (LLS)

This device serves two purposes. It is 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 air conditioner long line applications with a piston indoor metering device to prevent off cycle refrigerant migration. A hard shut off TXV can be used instead of LLS in single flow air conditioner applications. See Long Line Application Guideline.

11. 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).

12. Low-Pressure Switch

Auto reset SPST switch activated by refrigerant pressure on low side of refrigerant circuit. Cycles compressor off if refrigerant pressure drops to about 27 psig. Prevents indoor coil freeze-up due to loss of indoor airflow. Provides additional protection against compressor damage due to loss of refrigerant charge. To prevent rapid compressor recycling, Cycle Protector can be used with this switch.

Usage Guideline:

Where indoor coil is exposed to “dirty” air.

All commercial installations.

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. The 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. Sound Hood

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

Usage Guideline:

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

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

16. Thermostatic Expansion Valve (TXV) Single-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.

Hard shut off TXV or LLS required in air conditioner long line applications.

Required for use on all zoning systems.

17. 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.

18. Winter Start Control

An SPST delay relay which bypasses the low-pressure switch for approximately 3 minutes to permit start-up for cooling operation under low-load conditions.

Usage Guideline:

All air conditioners where Low-Ambient Controller has been added.

Electrical data

UNIT SIZE-SERIES	V/PH	OPER VOLTS*		COMPRESSOR		FAN FLA	MCA	60°C MIN WIRE SIZE†	75°C MIN WIRE SIZE†	60°C MAX LENGTH (Ft)‡	75°C MAX LENGTH (Ft)‡	MAX FUSE** CKT BKR AMPS
		Max	Min	LRA	RLA							
018-30	208/230/1	253	187	41.0	9.0	0.5	11.8	14	14	66	62	20
018-31				41.0	7.7	0.5	10.2	14	14	72	68	15
024-30				54.0	10.9	0.75	14.4	14	14	53	50	25
024-31				55.0	10.9	0.75	14.4	14	14	53	50	20
030-30				72.5	15.0	0.8	19.6	14	14	39	37	30
030-31				62.0	12.2	0.8	16.1	14	14	46	44	25
036-30				88.0	16.0	1.1	21.1	12	12	57	54	30
036-32				78.0	15.1	1.1	20.0	12	12	63	60	30
042-30				104.0	20.0	1.1	26.1	10	10	74	70	40
042-32				86.0	17.9	1.1	23.5	12	12	52	50	40
048-31				137.0	19.2	1.4	25.4	10	10	77	73	40
060-30				148.0	28.8	1.4	37.4	8	8	82	78	60

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

† 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).

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

** Time-delay fuse.

FLA — Full Load Amps

LRA — Locked Rotor Amps

MCA — Minimum Circuit Amps

RLA — Rated Load Amps

NOTES:

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

A-weighted sound power (dBA)

UNIT SIZE	STANDARD RATING	TYPICAL OCTAVE BAND SPECTRUM (without tone adjustment)						
		125	250	500	1000	2000	4000	8000
018-30	76	48.0	60.0	62.0	68.5	62.0	59.5	53.5
018-31	76	51.5	59.5	64.5	69.0	70.5	60.0	58.0
024-30	76	55.0	61.0	66.5	71.5	68.0	64.0	59.0
024-31	76	55.5	62.5	68.0	70.0	67.0	61.5	57.5
030-30	78	54.0	61.0	66.0	70.5	66.0	62.5	58.0
030-31	78	50.0	62.0	68.0	72.5	70.0	61.5	58.5
036-30	80	53.5	68.5	67.5	74.0	70.0	65.0	59.5
036-32	80	54.0	66.5	70.0	71.0	69.0	62.0	60.5
042-30	80	54.0	61.0	67.5	73.5	71.0	63.5	58.5
042-32	80	53.5	66.0	70.5	75.0	69.0	65.0	62.5
048-31	80	54.0	64.5	67.5	72.5	70.0	67.5	63.5
060-30	80	58.0	65.0	69.5	75.5	74.0	71.5	65.0

NOTE: Tested in accordance with ARI Standard 270.95. (Not listed with ARI.)

Combination ratings

UNIT SIZE-SERIES	INDOOR MODEL	TOT. CAP BTUH	FACTORY- SUPPLIED ENHANCE- MENT	SEER			EER	
				STANDARD RATING	CARRIER GAS FURNACE OR ACCESSORY TDR†	ACCESSORY TXV‡		
018-30, 31	*CC5A/CD5AA018	17,000	NONE	—	12.00	12.00	11.25	
	CC5A/CD5AA024	17,600	NONE	—	12.00	12.00	11.50	
	CC5A/CD5AW024	17,600	NONE	—	12.00	12.00	11.45	
	CE3AA024	17,600	NONE	—	12.00	12.00	11.55	
	CF5AA024	17,600	NONE	—	12.00	12.00	11.50	
	CK3BA024	17,600	NONE	—	12.00	12.00	11.70	
	CK5A/CK5BA018	17,000	NONE	—	12.00	12.00	11.40	
	CK5A/CK5BA024	17,600	NONE	—	12.00	12.00	11.70	
	CK5A/CK5BW024	17,600	NONE	—	12.00	12.00	11.70	
	F(A,B)4BN(F,C)018	17,000	TDR	12.00	—	12.00	11.35	
	F(A,B)4BN(F,C)024	17,600	TDR	12.50	—	12.50	11.80	
	FC4CNF024	17,600	TDR&TXV	12.50	—	—	11.75	
	FF1DNA018	17,000	TDR	12.00	—	12.00	11.70	
	FF1DNA024	17,600	TDR	12.50	—	12.50	11.65	
	FF1DNE018	17,000	TDR&TXV	12.00	—	—	11.50	
	FF1DNE024	17,600	TDR&TXV	12.50	—	—	11.65	
	FG3AAA024	17,600	NONE	—	12.00	12.00	11.45	
	FK4DNF001	17,800	TDR&TXV	13.50	—	—	13.05	
	FK4DNF002	18,000	TDR&TXV	14.00	—	—	13.30	
	COILS + 58CV(A,X)070-12 VARIABLE-SPEED FURNACE							
		CC5A/CD5AA018	17,000	TDR	13.50	—	13.50	12.35
		CC5A/CD5AA024	17,600	TDR	13.50	—	13.50	12.65
		CC5A/CD5AW024	17,600	TDR	13.50	—	13.50	12.70
		CE3AA024	17,600	TDR	13.50	—	13.50	12.70
		CK3BA024	17,600	TDR	13.50	—	13.50	13.00
		CK5A/CK5BA018	17,000	TDR	13.50	—	13.50	12.60
		CK5A/CK5BA024	17,600	TDR	13.50	—	13.50	12.90
		CK5A/CK5BW024	17,600	TDR	13.50	—	13.50	12.90
	COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE							
		CC5A/CD5AA018	17,000	TDR	13.50	—	13.50	12.40
		CC5A/CD5AA024	17,600	TDR	13.50	—	13.50	12.70
		CC5A/CD5AW024	17,600	TDR	13.50	—	13.50	12.75
	CE3AA024	17,600	TDR	13.50	—	13.50	12.75	
	CK3BA024	17,600	TDR	13.50	—	13.50	13.05	
	CK5A/CK5BA018	17,000	TDR	13.50	—	13.50	12.65	
	CK5A/CK5BA024	17,600	TDR	13.50	—	13.50	12.95	
	CK5A/CK5BW024	17,600	TDR	13.50	—	13.50	12.95	
COILS + 58MVP040-14 VARIABLE-SPEED FURNACE								
	CE3AA024	17,600	TDR	13.50	—	13.50	12.70	
COILS + 58MVP060-14 VARIABLE-SPEED FURNACE								
	CC5A/CD5AA018	17,000	TDR	13.50	—	13.50	12.40	
	CC5A/CD5AA024	17,600	TDR	13.50	—	13.50	12.65	
	CC5A/CD5AW024	17,600	TDR	13.50	—	13.50	12.70	
	CE3AA024	17,600	TDR	13.50	—	13.50	12.70	
	CK3BA024	17,600	TDR	13.50	—	13.50	13.00	
	CK5A/CK5BA018	17,000	TDR	13.50	—	13.50	12.60	
	CK5A/CK5BA024	17,600	TDR	13.50	—	13.50	12.90	
	CK5A/CK5BW024	17,600	TDR	13.50	—	13.50	12.90	
COILS + 58MVP080-14 VARIABLE-SPEED FURNACE								
	CC5A/CD5AW024	17,600	TDR	13.50	—	13.50	12.70	
	CE3AA024	17,600	TDR	13.50	—	13.50	12.70	
	CK3BA024	17,600	TDR	13.50	—	13.50	13.00	
	CK5A/CK5BW024	17,600	TDR	13.50	—	13.50	12.90	
024-30, 31	*CC5A/CD5AA024	23,000	NONE	—	12.00	12.00	11.15	
	CC5A/CD5AA030	23,400	NONE	—	12.00	12.00	11.15	
	CC5A/CD5AW024	23,000	NONE	—	12.00	12.00	11.15	
	CC5A/CD5AW030	23,400	NONE	—	12.00	12.00	11.15	
	CE3AA024	23,000	NONE	—	12.00	12.00	11.25	
	CE3AA030	23,400	NONE	—	12.00	12.00	11.35	
	CF5AA024	23,000	NONE	—	12.00	12.00	11.15	
	CK3BA024	23,000	NONE	—	12.00	12.00	11.30	
	CK3BA030	23,400	NONE	—	12.00	12.00	11.25	
	CK5A/CK5BA024	23,000	NONE	—	12.00	12.00	11.30	
	CK5A/CK5BA030	23,400	NONE	—	12.00	12.00	11.25	
	CK5A/CK5BW024	23,000	NONE	—	12.00	12.00	11.30	
	CK5A/CK5BW030	23,400	NONE	—	12.00	12.00	11.25	
	F(A,B)4BN(F,C)024	23,200	TDR	12.00	—	12.00	11.40	
	F(A,B)4BN(F,C)030	23,600	TDR	12.50	—	12.50	11.50	
	FC4CNF024	23,200	TDR&TXV	12.00	—	—	11.25	
	FC4CNF030	23,600	TDR&TXV	12.50	—	—	11.45	
	FF1DNA024	23,200	TDR	12.00	—	12.00	11.15	
	FF1DNA030	23,600	TDR	12.00	—	12.00	11.35	
	FF1DNE024	23,200	TDR&TXV	12.00	—	—	11.05	
	FF1DNE030	23,600	TDR&TXV	12.00	—	—	11.30	
	FG3AAA024	23,000	NONE	—	12.00	12.00	11.05	
	FK4DNF001	23,600	TDR&TXV	13.00	—	—	12.50	
	FK4DNF002	23,800	TDR&TXV	13.50	—	—	12.75	
	FK4DNF003	24,000	TDR&TXV	14.00	—	—	12.85	

See notes on page 18.

Combination ratings continued

UNIT SIZE-SERIES	INDOOR MODEL	TOT. CAP BTUH	FACTORY- SUPPLIED ENHANCE- MENT	SEER			EER
				STANDARD RATING	CARRIER GAS FURNACE OR ACCESSORY TDR†	ACCESSORY TXV‡	
COILS + 58CV(A,X)070-12 VARIABLE-SPEED FURNACE							
	CC5A/CD5AA024	23,000	TDR	13.50	—	13.50	12.15
	CC5A/CD5AA030	23,200	TDR	13.50	—	13.50	12.30
	CC5A/CD5AW024	23,000	TDR	13.50	—	13.50	12.25
	CC5A/CD5AW030	23,200	TDR	13.50	—	13.50	12.30
	CE3AA024	23,000	TDR	13.50	—	13.50	12.20
	CE3AA030	23,200	TDR	13.50	—	13.50	12.45
	CK3BA024	23,000	TDR	13.50	—	13.50	12.50
	CK3BA030	23,200	TDR	13.50	—	13.50	12.45
	CK5A/CK5BA024	23,000	TDR	13.50	—	13.50	12.35
	CK5A/CK5BA030	23,200	TDR	13.50	—	13.50	12.35
	CK5A/CK5BW024	23,000	TDR	13.50	—	13.50	12.35
	CK5A/CK5BW030	23,200	TDR	13.50	—	13.50	12.40
COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE							
	CC5A/CD5AA024	23,000	TDR	13.50	—	13.50	12.25
	CC5A/CD5AA030	23,200	TDR	13.50	—	13.50	12.45
	CC5A/CD5AW024	23,000	TDR	13.50	—	13.50	12.35
	CC5A/CD5AW030	23,200	TDR	13.50	—	13.50	12.40
	CE3AA024	23,000	TDR	13.50	—	13.50	12.30
	CE3AA030	23,200	TDR	13.50	—	13.50	12.55
	CK3BA024	23,000	TDR	13.50	—	13.50	12.60
	CK3BA030	23,200	TDR	13.50	—	13.50	12.55
	CK5A/CK5BA024	23,000	TDR	13.50	—	13.50	12.45
	CK5A/CK5BA030	23,200	TDR	13.50	—	13.50	12.45
	CK5A/CK5BW024	23,000	TDR	13.50	—	13.50	12.45
	CK5A/CK5BW030	23,200	TDR	13.50	—	13.50	12.50
COILS + 58CV(A,X)110-20 VARIABLE-SPEED FURNACE							
	CC5A/CD5AW024	23,000	TDR	13.50	—	13.50	12.25
	CC5A/CD5AW030	23,200	TDR	13.50	—	13.50	12.35
	CE3AA024	23,000	TDR	13.50	—	13.50	12.20
	CE3AA030	23,200	TDR	13.50	—	13.50	12.50
	CK3BA024	23,000	TDR	13.50	—	13.50	12.55
	CK3BA030	23,200	TDR	13.50	—	13.50	12.50
	CK5A/CK5BW024	23,000	TDR	13.50	—	13.50	12.35
	CK5A/CK5BW030	23,200	TDR	13.50	—	13.50	12.40
COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE							
	CE3AA024	23,000	TDR	13.50	—	13.50	12.25
	CE3AA030	23,200	TDR	13.50	—	13.50	12.50
COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE							
	CE3AA024	23,000	TDR	13.50	—	13.50	12.25
	CE3AA030	23,200	TDR	13.50	—	13.50	12.55
COILS + 58MVP040-14 VARIABLE-SPEED FURNACE							
	CE3AA024	23,200	TDR	13.50	—	13.50	12.20
	CE3AA030	23,200	TDR	13.50	—	13.50	12.45
COILS + 58MVP060-14 VARIABLE-SPEED FURNACE							
	CC5A/CD5AA024	23,000	TDR	13.50	—	13.50	12.20
	CC5A/CD5AA030	23,200	TDR	13.50	—	13.50	12.35
	CC5A/CD5AW024	23,000	TDR	13.50	—	13.50	12.25
	CC5A/CD5AW030	23,200	TDR	13.50	—	13.50	12.35
	CE3AA024	23,000	TDR	13.50	—	13.50	12.25
	CE3AA030	23,200	TDR	13.50	—	13.50	12.50
	CK3BA024	23,000	TDR	13.50	—	13.50	12.55
	CK3BA030	23,200	TDR	13.50	—	13.50	12.50
	CK5A/CK5BA024	23,200	TDR	13.50	—	13.50	12.40
	CK5A/CK5BA030	23,200	TDR	13.50	—	13.50	12.35
	CK5A/CK5BW024	23,000	TDR	13.50	—	13.50	12.40
	CK5A/CK5BW030	23,200	TDR	13.50	—	13.50	12.40
COILS + 58MVP080-14 VARIABLE-SPEED FURNACE							
	CC5A/CD5AW024	23,000	TDR	13.50	—	13.50	12.20
	CC5A/CD5AW030	23,200	TDR	13.50	—	13.50	12.30
	CE3AA024	23,000	TDR	13.50	—	13.50	12.20
	CE3AA030	23,200	TDR	13.50	—	13.50	12.45
	CK3BA024	23,000	TDR	13.50	—	13.50	12.50
	CK3BA030	23,200	TDR	13.50	—	13.50	12.45
	CK5A/CK5BW024	23,000	TDR	13.50	—	13.50	12.35
	CK5A/CK5BW030	23,200	TDR	13.50	—	13.50	12.40
COILS + 58MVP080-20 VARIABLE-SPEED FURNACE							
	CC5A/CD5AW024	23,000	TDR	13.50	—	13.50	12.25
	CC5A/CD5AW030	23,200	TDR	13.50	—	13.50	12.35
	CE3AA024	23,000	TDR	13.50	—	13.50	12.20
	CE3AA030	23,200	TDR	13.50	—	13.50	12.45
	CK3BA024	23,000	TDR	13.50	—	13.50	12.50
	CK3BA030	23,200	TDR	13.50	—	13.50	12.45
	CK5A/CK5BW024	23,000	TDR	13.50	—	13.50	12.35
	CK5A/CK5BW030	23,200	TDR	13.50	—	13.50	12.40
COILS + 58MVP100-20 VARIABLE-SPEED FURNACE							
	CC5A/CD5AW024	23,000	TDR	13.50	—	13.50	12.25
	CC5A/CD5AW030	23,200	TDR	13.50	—	13.50	12.35
	CE3AA024	23,000	TDR	13.50	—	13.50	12.30

See notes on page 18.

Combination ratings continued

UNIT SIZE-SERIES	INDOOR MODEL	TOT. CAP BTUH	FACTORY- SUPPLIED ENHANCE- MENT	SEER			EER	
				STANDARD RATING	CARRIER GAS FURNACE OR ACCESSORY TDR†	ACCESSORY TXV‡		
024-30, 31	CE3AA030	23,200	TDR	13.50	—	13.50	12.50	
	CK3BA024	23,000	TDR	13.50	—	13.50	12.55	
	CK3BA030	23,200	TDR	13.50	—	13.50	12.50	
	CK5A/CK5BW024	23,000	TDR	13.50	—	13.50	12.40	
	CK5A/CK5BW030	23,200	TDR	13.50	—	13.50	12.40	
COILS + 58MVP120-20 VARIABLE-SPEED FURNACE								
	CE3AA024	23,000	TDR	13.50	—	13.50	12.15	
	CE3AA030	23,200	TDR	13.50	—	13.50	12.45	
030-30, 31	*CC5A/CD5AA030	29,000	NONE	—	12.00	12.00	11.15	
	CC5A/CD5AA036	29,600	NONE	—	12.00	12.00	11.45	
	CC5A/CD5AW030	29,000	NONE	—	12.00	12.00	11.15	
	CC5A/CD5AW036	29,600	NONE	—	12.00	12.00	11.45	
	CE3AA030	29,000	NONE	—	12.00	12.00	11.30	
	CE3AA036	29,600	NONE	—	12.00	12.00	11.35	
	CF5AA036	29,600	NONE	—	12.00	12.00	11.40	
	CK3BA030	29,000	NONE	—	12.00	12.00	11.20	
	CK3BA036	29,600	NONE	—	12.00	12.00	11.45	
	CK5A/CK5BA030	29,000	NONE	—	12.00	12.00	11.20	
	CK5A/CK5BA036	29,600	NONE	—	12.00	12.00	11.45	
	CK5A/CK5BT036	29,600	NONE	—	12.00	12.00	11.45	
	CK5A/CK5BW030	29,000	NONE	—	12.00	12.00	11.20	
	CK5A/CK5BW036	29,600	NONE	—	12.00	12.00	11.50	
	F(A,B)4BN(F,C)030	29,200	TDR	12.00	—	12.00	11.40	
	F(A,B)4BN(F,C)036	29,600	TDR	12.00	—	12.00	11.20	
	FC4CNF030	29,200	TDR&TXV	12.00	—	—	11.45	
	FC4CNF036	29,600	TDR&TXV	12.00	—	—	11.25	
	FF1DNA030	29,000	TDR	12.00	—	12.00	11.30	
	FF1DNE030	29,000	TDR&TXV	12.00	—	—	11.35	
	FG3AAA036	29,600	NONE	—	12.00	12.00	11.30	
	FK4DNF001	29,400	TDR&TXV	13.00	—	—	12.40	
	FK4DNF002	29,600	TDR&TXV	13.50	—	—	12.70	
	FK4DNF003	29,800	TDR&TXV	13.50	—	—	12.90	
	FK4DNF005	30,000	TDR&TXV	14.00	—	—	13.35	
	COILS + 58CV(A,X)070-12 VARIABLE-SPEED FURNACE							
		CC5A/CD5AA030	28,400	TDR	13.00	—	13.00	12.05
		CC5A/CD5AA036	29,600	TDR	13.50	—	13.50	12.45
		CC5A/CD5AW030	28,400	TDR	13.00	—	13.00	12.10
		CE3AA030	28,400	TDR	13.00	—	13.00	12.20
		CE3AA036	29,000	TDR	13.50	—	13.50	12.30
		CK3BA030	28,400	TDR	13.00	—	13.00	12.20
		CK3BA036	29,600	TDR	13.50	—	13.50	12.45
		CK5A/CK5BA030	28,400	TDR	13.00	—	13.00	12.05
		CK5A/CK5BA036	29,600	TDR	13.50	—	13.50	12.45
		CK5A/CK5BT036	29,600	TDR	13.50	—	13.50	12.45
		CK5A/CK5BW030	28,400	TDR	13.00	—	13.00	12.15
	COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE							
		CC5A/CD5AA030	28,400	TDR	13.00	—	13.00	12.25
		CC5A/CD5AA036	29,600	TDR	13.50	—	13.50	12.60
		CC5A/CD5AW030	28,400	TDR	13.00	—	13.00	12.25
		CC5A/CD5AW036	29,600	TDR	13.50	—	13.50	12.65
		CE3AA030	28,400	TDR	13.00	—	13.00	12.40
		CE3AA036	29,000	TDR	13.50	—	13.50	12.45
		CK3BA030	28,400	TDR	13.00	—	13.00	12.40
	CK3BA036	29,600	TDR	13.50	—	13.50	12.60	
	CK5A/CK5BA030	28,400	TDR	13.00	—	13.00	12.20	
	CK5A/CK5BA036	29,600	TDR	13.50	—	13.50	12.65	
	CK5A/CK5BT036	29,600	TDR	13.50	—	13.50	12.65	
	CK5A/CK5BW030	28,400	TDR	13.00	—	13.00	12.30	
	CK5A/CK5BW036	29,600	TDR	13.50	—	13.50	12.65	
COILS + 58CV(A,X)110-20 VARIABLE-SPEED FURNACE								
	CC5A/CD5AA036	29,600	TDR	13.50	—	13.50	12.60	
	CC5A/CD5AW030	28,400	TDR	13.00	—	13.00	12.20	
	CC5A/CD5AW036	29,600	TDR	13.50	—	13.50	12.65	
	CE3AA030	28,400	TDR	13.00	—	13.00	12.35	
	CE3AA036	29,000	TDR	13.50	—	13.50	12.45	
	CK3BA030	28,400	TDR	13.00	—	13.00	12.35	
	CK3BA036	29,600	TDR	13.50	—	13.50	12.60	
	CK5A/CK5BA036	29,600	TDR	13.50	—	13.50	12.60	
	CK5A/CK5BT036	29,600	TDR	13.50	—	13.50	12.60	
	CK5A/CK5BW030	28,400	TDR	13.00	—	13.00	12.30	
	CK5A/CK5BW036	29,600	TDR	13.50	—	13.50	12.65	
COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE								
	CC5A/CD5AW036	29,600	TDR	13.50	—	13.50	12.70	
	CE3AA030	28,400	TDR	13.00	—	13.00	12.40	
	CE3AA036	29,000	TDR	13.50	—	13.50	12.50	
	CK5A/CK5BW036	29,600	TDR	13.50	—	13.50	12.70	
COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE								
	CC5A/CD5AW036	29,600	TDR	13.50	—	13.50	12.75	
	CE3AA030	28,400	TDR	13.00	—	13.00	12.45	

See notes on page 18.

Combination ratings continued

UNIT SIZE-SERIES	INDOOR MODEL	TOT. CAP BTUH	FACTORY- SUPPLIED ENHANCE- MENT	SEER			EER	
				STANDARD RATING	CARRIER GAS FURNACE OR ACCESSORY TDR†	ACCESSORY TXV‡		
030-30, 31	CE3AA036	29,000	TDR	13.50	—	13.50	12.50	
	CK5A/CK5BW036	29,600	TDR	13.50	—	13.50	12.75	
	COILS + 58MVP040-14 VARIABLE-SPEED FURNACE							
	CC5A/CD5AW036	29,600	TDR	13.50	—	13.50	12.45	
	CE3AA030	28,400	TDR	13.00	—	13.00	12.20	
	CE3AA036	29,000	TDR	13.50	—	13.50	12.30	
	CK5A/CK5BW036	29,600	TDR	13.50	—	13.50	12.50	
	COILS + 58MVP060-14 VARIABLE-SPEED FURNACE							
	CC5A/CD5AA030	28,400	TDR	13.00	—	13.00	12.10	
	CC5A/CD5AA036	29,600	TDR	13.50	—	13.50	12.50	
	CC5A/CD5AW030	28,400	TDR	13.00	—	13.00	12.10	
	CC5A/CD5AW036	29,600	TDR	13.50	—	13.50	12.55	
	CE3AA030	28,400	TDR	13.00	—	13.00	12.25	
	CE3AA036	29,000	TDR	13.50	—	13.50	12.35	
	CK3BA030	28,400	TDR	13.00	—	13.00	12.25	
	CK3BA036	29,600	TDR	13.50	—	13.50	12.50	
	CK5A/CK5BA030	28,400	TDR	13.00	—	13.00	12.10	
	CK5A/CK5BA036	29,600	TDR	13.50	—	13.50	12.50	
	CK5A/CK5BT036	29,600	TDR	13.50	—	13.50	12.50	
	CK5A/CK5BW030	28,400	TDR	13.00	—	13.00	12.20	
	CK5A/CK5BW036	29,600	TDR	13.50	—	13.50	12.55	
	COILS + 58MVP080-14 VARIABLE-SPEED FURNACE							
	CC5A/CD5AA036	29,600	TDR	13.50	—	13.50	12.45	
	CC5A/CD5AW030	28,400	TDR	13.00	—	13.00	12.10	
	CC5A/CD5AW036	29,600	TDR	13.50	—	13.50	12.50	
	CE3AA030	28,400	TDR	13.00	—	13.00	12.20	
	CE3AA036	29,000	TDR	13.50	—	13.50	12.30	
	CK3BA030	28,400	TDR	13.00	—	13.00	12.25	
	CK3BA036	29,600	TDR	13.50	—	13.50	12.45	
	CK5A/CK5BA036	29,600	TDR	13.50	—	13.50	12.45	
	CK5A/CK5BT036	29,600	TDR	13.50	—	13.50	12.45	
	CK5A/CK5BW030	28,400	TDR	13.00	—	13.00	12.15	
	CK5A/CK5BW036	29,600	TDR	13.50	—	13.50	12.50	
	COILS + 58MVP080-20 VARIABLE-SPEED FURNACE							
	CC5A/CD5AA036	29,600	TDR	13.50	—	13.50	12.50	
	CC5A/CD5AW030	28,400	TDR	13.00	—	13.00	12.10	
	CC5A/CD5AW036	29,600	TDR	13.50	—	13.50	12.50	
	CE3AA030	28,400	TDR	13.00	—	13.00	12.25	
	CE3AA036	29,000	TDR	13.50	—	13.50	12.35	
	CK3BA030	28,400	TDR	13.00	—	13.00	12.25	
	CK3BA036	29,600	TDR	13.50	—	13.50	12.50	
	CK5A/CK5BA036	29,600	TDR	13.50	—	13.50	12.50	
	CK5A/CK5BT036	29,600	TDR	13.50	—	13.50	12.50	
	CK5A/CK5BW030	28,400	TDR	13.00	—	13.00	12.20	
	CK5A/CK5BW036	29,600	TDR	13.50	—	13.50	12.55	
	COILS + 58MVP100-20 VARIABLE-SPEED FURNACE							
	CC5A/CD5AA036	29,600	TDR	13.50	—	13.50	12.55	
	CC5A/CD5AW030	28,400	TDR	13.00	—	13.00	12.20	
	CC5A/CD5AW036	29,600	TDR	13.50	—	13.50	12.60	
	CE3AA030	28,400	TDR	13.00	—	13.00	12.30	
	CE3AA036	29,000	TDR	13.50	—	13.50	12.40	
	CK3BA030	28,400	TDR	13.00	—	13.00	12.30	
	CK3BA036	29,600	TDR	13.50	—	13.50	12.55	
	CK5A/CK5BA036	29,600	TDR	13.50	—	13.50	12.55	
	CK5A/CK5BT036	29,600	TDR	13.50	—	13.50	12.55	
	CK5A/CK5BW030	28,400	TDR	13.00	—	13.00	12.25	
	CK5A/CK5BW036	29,600	TDR	13.50	—	13.50	12.60	
	COILS + 58MVP120-20 VARIABLE-SPEED FURNACE							
	CC5A/CD5AW036	29,600	TDR	13.50	—	13.50	12.60	
	CE3AA030	28,400	TDR	13.00	—	13.00	12.35	
	CE3AA036	29,000	TDR	13.50	—	13.50	12.40	
	CK5A/CK5BW036	29,600	TDR	13.50	—	13.50	12.60	
	036-30, 32	*CC5A/CD5AA036	35,000	NONE	—	12.00	12.00	11.05
		CC5A/CD5AA042	35,000	NONE	—	12.00	12.00	11.05
		CC5A/CD5AW036	35,000	NONE	—	12.00	12.00	11.05
		CC5A/CD5AW042	35,000	NONE	—	12.00	12.00	10.95
		CE3AA036	35,000	NONE	—	12.00	12.00	10.95
		CE3AA042	35,400	NONE	—	12.00	12.00	11.10
		CF5AA036	35,000	NONE	—	12.00	12.00	11.00
		CK3BA036	35,000	NONE	—	12.00	12.00	11.05
		CK3BA042	35,000	NONE	—	12.00	12.00	11.05
		CK5A/CK5BA036	35,000	NONE	—	12.00	12.00	11.10
		CK5A/CK5BA042	35,000	NONE	—	12.00	12.00	11.05
		CK5A/CK5BE042	35,000	NONE	—	12.00	12.00	11.10
		CK5A/CK5BT036	35,000	NONE	—	12.00	12.00	11.05
		CK5A/CK5BT042	35,000	NONE	—	12.00	12.00	11.05
		CK5A/CK5BW036	35,000	NONE	—	12.00	12.00	11.05
		F(A,B)4BN(F,B,C)042	35,400	TDR	12.00	—	12.00	10.95
		F(A,B)4BN(F,C)036	35,000	TDR	11.50	—	11.50	10.75

See notes on page 18.

Combination ratings continued

UNIT SIZE-SERIES	INDOOR MODEL	TOT. CAP BTUH	FACTORY- SUPPLIED ENHANCE- MENT	SEER			EER	
				STANDARD RATING	CARRIER GAS FURNACE OR ACCESSORY TDR†	ACCESSORY TXV‡		
036-30, 32	FC4CN(F,B)042	35,400	TDR&TXV	12.00	—	—	11.00	
	FC4CNF036	35,000	TDR&TXV	11.50	—	—	10.70	
	FG3AAA036	34,600	NONE	—	11.50	11.50	10.85	
	FK4DNB006	36,000	TDR&TXV	14.00	—	—	12.95	
	FK4DNF001	35,000	TDR&TXV	12.00	—	—	11.60	
	FK4DNF002	35,200	TDR&TXV	12.00	—	—	11.80	
	FK4DNF003	35,600	TDR&TXV	13.00	—	—	12.20	
	FK4DNF005	35,800	TDR&TXV	13.50	—	—	12.65	
	COILS + 58CV(A,X)070-12 VARIABLE-SPEED FURNACE							
	CC5A/CD5AA036	35,000	TDR	12.50	—	12.50	11.75	
	CE3AA036	34,400	TDR	12.50	—	12.50	11.60	
	CE3AA042	35,000	TDR	13.00	—	13.00	11.85	
	CK3BA036	35,000	TDR	12.50	—	12.50	11.75	
	CK5A/CK5BA036	35,000	TDR	12.50	—	12.50	11.75	
	CK5A/CK5BE042	35,000	TDR	13.00	—	13.00	11.85	
	CK5A/CK5BT036	35,000	TDR	12.50	—	12.50	11.75	
	COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE							
	CC5A/CD5AA036	35,000	TDR	12.50	—	12.50	11.95	
	CC5A/CD5AA042	35,000	TDR	13.00	—	13.00	12.00	
	CC5A/CD5AW036	35,000	TDR	12.50	—	12.50	12.00	
	CE3AA036	34,400	TDR	12.50	—	12.50	11.80	
	CE3AA042	35,000	TDR	13.00	—	13.00	12.00	
	CK3BA036	35,000	TDR	12.50	—	12.50	11.95	
	CK3BA042	35,000	TDR	13.00	—	13.00	12.00	
	CK5A/CK5BA036	35,000	TDR	12.50	—	12.50	11.95	
	CK5A/CK5BA042	35,000	TDR	13.00	—	13.00	12.00	
	CK5A/CK5BE042	35,000	TDR	13.00	—	13.00	12.05	
	CK5A/CK5BT036	35,000	TDR	12.50	—	12.50	11.95	
	CK5A/CK5BT042	35,000	TDR	13.00	—	13.00	12.00	
	CK5A/CK5BW036	35,000	TDR	12.50	—	12.50	12.00	
	COILS + 58CV(A,X)110-20 VARIABLE-SPEED FURNACE							
	CC5A/CD5AA036	35,000	TDR	12.50	—	12.50	11.90	
	CC5A/CD5AA042	35,000	TDR	13.00	—	13.00	12.00	
	CC5A/CD5AW036	35,000	TDR	12.50	—	12.50	12.00	
	CC5A/CD5AW042	35,000	TDR	13.00	—	13.00	12.10	
	CE3AA036	34,400	TDR	12.50	—	12.50	11.75	
	CE3AA042	35,000	TDR	13.00	—	13.00	12.05	
	CK3BA036	35,000	TDR	12.50	—	12.50	11.95	
	CK3BA042	35,000	TDR	13.00	—	13.00	12.00	
	CK5A/CK5BA036	35,000	TDR	12.50	—	12.50	11.90	
	CK5A/CK5BA042	35,000	TDR	13.00	—	13.00	12.00	
	CK5A/CK5BE042	35,000	TDR	13.00	—	13.00	12.10	
	CK5A/CK5BT036	35,000	TDR	12.50	—	12.50	11.95	
	CK5A/CK5BT042	35,000	TDR	13.00	—	13.00	12.00	
	CK5A/CK5BW036	35,000	TDR	12.50	—	12.50	12.00	
	COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE							
	CC5A/CD5AA042	35,000	TDR	13.00	—	13.00	12.10	
	CC5A/CD5AW036	35,000	TDR	12.50	—	12.50	12.05	
	CC5A/CD5AW042	35,000	TDR	13.00	—	13.00	12.15	
	CE3AA036	34,400	TDR	12.50	—	12.50	11.85	
	CE3AA042	35,000	TDR	13.00	—	13.00	12.10	
	CK3BA042	35,000	TDR	13.00	—	13.00	12.05	
	CK5A/CK5BA042	35,000	TDR	13.00	—	13.00	12.05	
	CK5A/CK5BT042	35,000	TDR	13.00	—	13.00	12.05	
	CK5A/CK5BW036	35,000	TDR	12.50	—	12.50	12.05	
	COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE							
	CC5A/CD5AA042	35,000	TDR	13.00	—	13.00	12.20	
	CC5A/CD5AW036	35,000	TDR	12.50	—	12.50	12.15	
	CC5A/CD5AW042	35,000	TDR	13.00	—	13.00	12.30	
	CE3AA036	34,400	TDR	12.50	—	12.50	11.95	
	CE3AA042	35,000	TDR	13.00	—	13.00	12.20	
	CK3BA042	35,000	TDR	13.00	—	13.00	12.15	
	CK5A/CK5BA042	35,000	TDR	13.00	—	13.00	12.15	
	CK5A/CK5BT042	35,000	TDR	13.00	—	13.00	12.15	
	CK5A/CK5BW036	35,000	TDR	12.50	—	12.50	12.15	
	COILS + 58MVP060-14 VARIABLE-SPEED FURNACE							
	CC5A/CD5AA036	35,000	TDR	12.50	—	12.50	11.85	
	CC5A/CD5AA042	35,000	TDR	12.50	—	12.50	11.95	
	CC5A/CD5AW036	35,000	TDR	12.50	—	12.50	11.90	
	CE3AA036	34,400	TDR	12.50	—	12.50	11.70	
	CE3AA042	35,000	TDR	12.50	—	12.50	11.95	
	CK3BA036	35,000	TDR	12.50	—	12.50	11.85	
	CK3BA042	35,000	TDR	12.50	—	12.50	11.90	
	CK5A/CK5BA036	35,000	TDR	12.50	—	12.50	11.85	
	CK5A/CK5BA042	35,000	TDR	12.50	—	12.50	11.90	
	CK5A/CK5BE042	35,000	TDR	12.50	—	12.50	12.00	
	CK5A/CK5BT036	35,000	TDR	12.50	—	12.50	11.85	
	CK5A/CK5BT042	35,000	TDR	12.50	—	12.50	11.90	
	CK5A/CK5BW036	35,000	TDR	12.50	—	12.50	11.90	

See notes on page 18.

Combination ratings continued

UNIT SIZE-SERIES	INDOOR MODEL	TOT. CAP BTUH	FACTORY- SUPPLIED ENHANCE- MENT	SEER			EER	
				STANDARD RATING	CARRIER GAS FURNACE OR ACCESSORY TDR†	ACCESSORY TXV‡		
COILS + 58MVP080-14 VARIABLE-SPEED FURNACE								
036-30, 32	CC5A/CD5AA036	35,000	TDR	12.50	—	12.50	11.65	
	CC5A/CD5AA042	35,000	TDR	12.50	—	12.50	11.70	
	CC5A/CD5AW036	35,000	TDR	12.50	—	12.50	11.70	
	CC5A/CD5AW042	35,000	TDR	12.50	—	12.50	11.85	
	CE3AA036	34,400	TDR	12.50	—	12.50	11.50	
	CE3AA042	35,000	TDR	12.50	—	12.50	11.75	
	CK3BA036	35,000	TDR	12.50	—	12.50	11.65	
	CK3BA042	35,000	TDR	12.50	—	12.50	11.80	
	CK5A/CK5BA036	35,000	TDR	12.50	—	12.50	11.65	
	CK5A/CK5BA042	35,000	TDR	12.50	—	12.50	11.80	
	CK5A/CK5BE042	35,000	TDR	12.50	—	12.50	11.75	
	CK5A/CK5BT036	35,000	TDR	12.50	—	12.50	11.65	
	CK5A/CK5BT042	35,000	TDR	12.50	—	12.50	11.80	
	CK5A/CK5BW036	35,000	TDR	12.50	—	12.50	11.70	
	COILS + 58MVP080-20 VARIABLE-SPEED FURNACE							
	036-30, 32	CC5A/CD5AA036	35,000	TDR	12.50	—	12.50	11.80
		CC5A/CD5AA042	35,000	TDR	12.50	—	12.50	11.85
		CC5A/CD5AW036	35,000	TDR	12.50	—	12.50	11.85
		CC5A/CD5AW042	35,000	TDR	12.50	—	12.50	11.95
		CE3AA036	34,400	TDR	12.50	—	12.50	11.70
CE3AA042		35,000	TDR	12.50	—	12.50	11.90	
CK3BA036		35,000	TDR	12.50	—	12.50	11.80	
CK3BA042		35,000	TDR	12.50	—	12.50	11.85	
CK5A/CK5BA036		35,000	TDR	12.50	—	12.50	11.80	
CK5A/CK5BA042		35,000	TDR	12.50	—	12.50	11.85	
CK5A/CK5BE042		35,000	TDR	12.50	—	12.50	11.95	
CK5A/CK5BT036		35,000	TDR	12.50	—	12.50	11.80	
CK5A/CK5BT042		35,000	TDR	12.50	—	12.50	11.85	
CK5A/CK5BW036		35,000	TDR	12.50	—	12.50	11.85	
COILS + 58MVP100-20 VARIABLE-SPEED FURNACE								
036-30, 32	CC5A/CD5AA036	35,000	TDR	12.50	—	12.50	11.85	
	CC5A/CD5AA042	35,000	TDR	13.00	—	13.00	11.90	
	CC5A/CD5AW036	35,000	TDR	12.50	—	12.50	11.90	
	CC5A/CD5AW042	35,000	TDR	13.00	—	13.00	12.00	
	CE3AA036	34,400	TDR	12.50	—	12.50	11.70	
	CE3AA042	35,000	TDR	13.00	—	13.00	11.95	
	CK3BA036	35,000	TDR	12.50	—	12.50	11.85	
	CK3BA042	35,000	TDR	13.00	—	13.00	11.90	
	CK5A/CK5BA036	35,000	TDR	12.50	—	12.50	11.85	
	CK5A/CK5BA042	35,000	TDR	13.00	—	13.00	11.90	
	CK5A/CK5BE042	35,000	TDR	13.00	—	13.00	12.00	
	CK5A/CK5BT036	35,000	TDR	12.50	—	12.50	11.85	
	CK5A/CK5BT042	35,000	TDR	13.00	—	13.00	11.90	
	CK5A/CK5BW036	35,000	TDR	12.50	—	12.50	11.90	
COILS + 58MVP120-20 VARIABLE-SPEED FURNACE								
036-30, 32	CC5A/CD5AA042	35,000	TDR	13.00	—	13.00	11.95	
	CC5A/CD5AW036	35,000	TDR	12.50	—	12.50	11.95	
	CC5A/CD5AW042	35,000	TDR	13.00	—	13.00	12.05	
	CE3AA036	34,400	TDR	12.50	—	12.50	11.75	
	CE3AA042	35,000	TDR	13.00	—	13.00	12.00	
	CK3BA042	35,000	TDR	13.00	—	13.00	11.95	
	CK5A/CK5BA042	35,000	TDR	13.00	—	13.00	11.95	
	CK5A/CK5BT042	35,000	TDR	13.00	—	13.00	11.95	
	CK5A/CK5BW036	35,000	TDR	12.50	—	12.50	11.95	
	042-30, 32	*CC5A/CD5AA042	40,000	NONE	—	12.00	12.00	10.75
		CC5A/CD5AC048	40,000	NONE	—	12.00	12.00	10.60
		CC5A/CD5AW042	40,000	NONE	—	12.00	12.00	10.60
CC5A/CD5AW048		40,500	NONE	—	12.00	12.00	10.75	
CD5AA048		40,500	NONE	—	12.00	12.00	10.75	
CE3AA042		40,000	NONE	—	12.00	12.00	10.80	
CE3AA048		40,500	NONE	—	12.00	12.00	10.85	
CF5AA048		40,500	NONE	—	12.00	12.00	10.80	
CK3BA042		40,000	NONE	—	12.00	12.00	10.75	
CK3BA048		40,500	NONE	—	12.00	12.00	10.80	
CK5A/CK5BA042		40,000	NONE	—	12.00	12.00	10.75	
CK5A/CK5BA048		40,500	NONE	—	12.00	12.00	10.80	
CK5A/CK5BE042		40,000	NONE	—	12.00	12.00	10.80	
CK5A/CK5BT042		40,000	NONE	—	12.00	12.00	10.75	
CK5A/CK5BT048		40,500	NONE	—	12.00	12.00	10.80	
CK5A/CK5BW048		40,500	NONE	—	12.00	12.00	10.80	
F(A,B)4BN(F,B,C)042		40,000	TDR	12.00	—	12.00	10.60	
F(A,B)4BN(F,B,C)048		40,500	TDR	12.00	—	12.00	10.75	
FC4CN(F,B)042		40,000	TDR&TXV	12.00	—	—	10.60	
FC4CN(F,B)048		40,500	TDR&TXV	12.00	—	—	10.70	
FC4CNB054	42,000	TDR&TXV	12.50	—	—	11.40		
FG3AAA048	40,500	NONE	—	12.00	12.00	10.70		
FK4DNB006	42,000	TDR&TXV	14.00	—	—	12.40		
FK4DNF003	41,000	TDR&TXV	13.00	—	—	11.65		
FK4DNF005	41,500	TDR&TXV	13.50	—	—	12.10		

See notes on page 18.

Combination ratings continued

UNIT SIZE-SERIES	INDOOR MODEL	TOT. CAP BTUH	FACTORY- SUPPLIED ENHANCE- MENT	SEER			EER
				STANDARD RATING	CARRIER GAS FURNACE OR ACCESSORY TDR†	ACCESSORY TXV‡	
042-30, 32	COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA042	40,000	TDR	12.50	—	12.50	11.40
	CC5A/CD5AC048	39,500	TDR	12.50	—	12.50	11.30
	CD5AA048	40,500	TDR	13.00	—	13.00	11.50
	CE3AA042	40,000	TDR	12.50	—	12.50	11.45
	CE3AA048	40,500	TDR	13.00	—	13.00	11.50
	CK3BA042	40,000	TDR	12.50	—	12.50	11.40
	CK3BA048	40,500	TDR	13.00	—	13.00	11.55
	CK5A/CK5BA042	40,000	TDR	12.50	—	12.50	11.40
	CK5A/CK5BA048	40,500	TDR	13.00	—	13.00	11.55
	CK5A/CK5BE042	40,000	TDR	12.50	—	12.50	11.45
	CK5A/CK5BT042	40,000	TDR	12.50	—	12.50	11.40
	CK5A/CK5BT048	40,500	TDR	13.00	—	13.00	11.55
	COILS + 58CV(A,X)110-20 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA042	40,000	TDR	12.50	—	12.50	11.40
	CC5A/CD5AC048	39,500	TDR	12.50	—	12.50	11.30
	CC5A/CD5AW042	39,500	TDR	12.50	—	12.50	11.50
	CC5A/CD5AW048	40,000	TDR	13.00	—	13.00	11.55
	CD5AA048	40,500	TDR	13.00	—	13.00	11.50
	CE3AA042	40,000	TDR	12.50	—	12.50	11.45
	CE3AA048	40,500	TDR	13.00	—	13.00	11.50
	CK3BA042	40,000	TDR	12.50	—	12.50	11.35
	CK3BA048	40,500	TDR	13.00	—	13.00	11.60
	CK5A/CK5BA042	40,000	TDR	12.50	—	12.50	11.35
	CK5A/CK5BA048	40,500	TDR	13.00	—	13.00	11.55
	CK5A/CK5BE042	40,000	TDR	12.50	—	12.50	11.40
	CK5A/CK5BT042	40,000	TDR	12.50	—	12.50	11.35
	CK5A/CK5BT048	40,500	TDR	13.00	—	13.00	11.55
	CK5A/CK5BW048	40,500	TDR	13.00	—	13.00	11.65
	COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA042	40,000	TDR	12.50	—	12.50	11.55
	CC5A/CD5AC048	39,500	TDR	12.50	—	12.50	11.45
	CC5A/CD5AW042	39,500	TDR	12.50	—	12.50	11.65
	CC5A/CD5AW048	40,000	TDR	13.00	—	13.00	11.65
	CD5AA048	40,500	TDR	13.00	—	13.00	11.65
	CE3AA042	40,000	TDR	12.50	—	12.50	11.60
	CE3AA048	40,500	TDR	13.00	—	13.00	11.65
	CK3BA042	40,000	TDR	12.50	—	12.50	11.55
	CK3BA048	40,500	TDR	13.00	—	13.00	11.70
	CK5A/CK5BA042	40,000	TDR	12.50	—	12.50	11.55
	CK5A/CK5BA048	40,500	TDR	13.00	—	13.00	11.70
	CK5A/CK5BT042	40,000	TDR	12.50	—	12.50	11.50
	CK5A/CK5BT048	40,500	TDR	13.00	—	13.00	11.70
	CK5A/CK5BW048	40,500	TDR	13.00	—	13.00	11.75
	COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE						
	CE3AA042	40,000	TDR	12.50	—	12.50	11.65
	CK3BA042	40,000	TDR	12.50	—	12.50	11.55
	CK3BA048	40,500	TDR	13.00	—	13.00	11.75
	CK5A/CK5BA042	40,000	TDR	12.50	—	12.50	11.55
	CK5A/CK5BA048	40,500	TDR	13.00	—	13.00	11.70
	CK5A/CK5BT042	40,000	TDR	12.50	—	12.50	11.55
	CK5A/CK5BT048	40,500	TDR	13.00	—	13.00	11.70
	CK5A/CK5BW048	40,500	TDR	13.00	—	13.00	11.80
	COILS + 58MVP060-14 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA042	40,000	TDR	12.50	—	12.50	11.30
	CC5A/CD5AC048	39,500	TDR	12.50	—	12.50	11.15
	CD5AA048	40,000	TDR	12.50	—	12.50	11.35
	CE3AA042	40,000	TDR	12.50	—	12.50	11.35
	CE3AA048	40,500	TDR	12.50	—	12.50	11.40
	CK3BA042	40,000	TDR	12.50	—	12.50	11.30
	CK3BA048	40,500	TDR	12.50	—	12.50	11.45
	CK5A/CK5BA042	40,000	TDR	12.50	—	12.50	11.30
	CK5A/CK5BA048	40,500	TDR	12.50	—	12.50	11.40
	CK5A/CK5BE042	40,000	TDR	12.50	—	12.50	11.35
	CK5A/CK5BT042	40,000	TDR	12.50	—	12.50	11.30
	CK5A/CK5BT048	40,500	TDR	12.50	—	12.50	11.40
	COILS + 58MVP080-14 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA042	40,000	TDR	12.50	—	12.50	11.10
	CC5A/CD5AC048	39,500	TDR	12.50	—	12.50	11.00
	CC5A/CD5AW042	39,500	TDR	12.50	—	12.50	11.20
	CC5A/CD5AW048	40,000	TDR	12.50	—	12.50	11.25
	CD5AA048	40,000	TDR	12.50	—	12.50	11.20
	CE3AA042	40,000	TDR	12.50	—	12.50	11.15
	CE3AA048	40,500	TDR	12.50	—	12.50	11.20
	CK3BA042	40,000	TDR	12.50	—	12.50	11.10
	CK3BA048	40,500	TDR	12.50	—	12.50	11.30
	CK5A/CK5BA042	40,000	TDR	12.50	—	12.50	11.10
	CK5A/CK5BA048	40,500	TDR	12.50	—	12.50	11.25
	CK5A/CK5BE042	40,000	TDR	12.50	—	12.50	11.15
	CK5A/CK5BT042	40,000	TDR	12.50	—	12.50	11.10
	CK5A/CK5BT048	40,500	TDR	12.50	—	12.50	11.25
	CK5A/CK5BW048	40,500	TDR	12.50	—	12.50	11.35

See notes on page 18.

Combination ratings continued

UNIT SIZE-SERIES	INDOOR MODEL	TOT. CAP BTUH	FACTORY- SUPPLIED ENHANCE- MENT	SEER			EER	
				STANDARD RATING	CARRIER GAS FURNACE OR ACCESSORY TDR†	ACCESSORY TXV‡		
COILS + 58MVP080-20 VARIABLE-SPEED FURNACE								
042-30, 32	CC5A/CD5AA042	40,000	TDR	12.50	—	12.50	11.25	
	CC5A/CD5AC048	39,500	TDR	12.50	—	12.50	11.15	
	CC5A/CD5AW042	39,500	TDR	12.50	—	12.50	11.30	
	CC5A/CD5AW048	40,000	TDR	12.50	—	12.50	11.35	
	CD5AA048	40,000	TDR	12.50	—	12.50	11.30	
	CE3AA042	40,000	TDR	12.50	—	12.50	11.30	
	CE3AA048	40,500	TDR	12.50	—	12.50	11.35	
	CK3BA042	40,000	TDR	12.50	—	12.50	11.25	
	CK3BA048	40,500	TDR	12.50	—	12.50	11.40	
	CK5A/CK5BA042	40,000	TDR	12.50	—	12.50	11.25	
	CK5A/CK5BA048	40,500	TDR	12.50	—	12.50	11.35	
	CK5A/CK5BE042	40,000	TDR	12.50	—	12.50	11.30	
	CK5A/CK5BT042	40,000	TDR	12.50	—	12.50	11.25	
	CK5A/CK5BT048	40,500	TDR	12.50	—	12.50	11.35	
	CK5A/CK5BW048	40,500	TDR	12.50	—	12.50	11.45	
	COILS + 58MVP100-20 VARIABLE-SPEED FURNACE							
		CC5A/CD5AA042	40,000	TDR	12.50	—	12.50	11.30
		CC5A/CD5AC048	39,500	TDR	12.50	—	12.50	11.20
		CC5A/CD5AW042	39,500	TDR	12.50	—	12.50	11.40
		CC5A/CD5AW048	40,000	TDR	13.00	—	13.00	11.45
		CD5AA048	40,500	TDR	13.00	—	13.00	11.45
		CE3AA042	40,000	TDR	12.50	—	12.50	11.35
		CE3AA048	40,500	TDR	13.00	—	13.00	11.45
		CK3BA042	40,000	TDR	12.50	—	12.50	11.30
		CK3BA048	40,500	TDR	13.00	—	13.00	11.50
		CK5A/CK5BA042	40,000	TDR	12.50	—	12.50	11.30
		CK5A/CK5BA048	40,500	TDR	13.00	—	13.00	11.45
		CK5A/CK5BE042	40,000	TDR	12.50	—	12.50	11.35
CK5A/CK5BT042		40,000	TDR	12.50	—	12.50	11.30	
CK5A/CK5BT048		40,500	TDR	13.00	—	13.00	11.45	
CK5A/CK5BW048		40,500	TDR	13.00	—	13.00	11.55	
COILS + 58MVP120-20 VARIABLE-SPEED FURNACE								
		CC5A/CD5AA042	40,000	TDR	12.50	—	12.50	11.35
		CC5A/CD5AC048	39,500	TDR	12.50	—	12.50	11.25
	CC5A/CD5AW042	39,500	TDR	12.50	—	12.50	11.45	
	CC5A/CD5AW048	40,000	TDR	13.00	—	13.00	11.50	
	CD5AA048	40,500	TDR	13.00	—	13.00	11.45	
	CE3AA042	40,000	TDR	12.50	—	12.50	11.45	
	CE3AA048	40,500	TDR	13.00	—	13.00	11.50	
	CK3BA042	40,000	TDR	12.50	—	12.50	11.35	
	CK3BA048	40,500	TDR	13.00	—	13.00	11.55	
	CK5A/CK5BA042	40,000	TDR	12.50	—	12.50	11.35	
	CK5A/CK5BA048	40,500	TDR	13.00	—	13.00	11.50	
	CK5A/CK5BT042	40,000	TDR	12.50	—	12.50	11.35	
	CK5A/CK5BT048	40,500	TDR	13.00	—	13.00	11.50	
	CK5A/CK5BW048	40,500	TDR	13.00	—	13.00	11.60	
	COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE							
	048-31	*CD5AA048	47,000	NONE	—	12.00	12.00	10.75
		CC5A/CD5AA060	47,500	NONE	—	12.00	12.00	10.75
		CC5A/CD5AC048	46,000	NONE	—	11.50	11.50	10.65
CC5A/CD5AW048		47,000	NONE	—	12.00	12.00	10.75	
CC5A/CD5AW060		47,500	NONE	—	12.00	12.00	11.00	
CE3AA048		47,000	NONE	—	12.00	12.00	10.80	
CE3AA060		47,500	NONE	—	12.00	12.00	11.00	
CF5AA048		47,000	NONE	—	12.00	12.00	10.80	
CK3BA048		47,000	NONE	—	12.00	12.00	10.75	
CK3BA060		47,500	NONE	—	12.00	12.00	11.00	
CK5A/CK5BA048		47,000	NONE	—	12.00	12.00	10.80	
CK5A/CK5BA060		47,500	NONE	—	12.00	12.00	11.00	
CK5A/CK5BT048		47,000	NONE	—	12.00	12.00	10.75	
CK5A/CK5BT060		47,500	NONE	—	12.00	12.00	11.00	
CK5A/CK5BW048		47,000	NONE	—	12.00	12.00	10.80	
CK5A/CK5BX060		47,500	NONE	—	12.00	12.00	11.10	
F(A,B)4AN(F,B,C)048		47,000	NONE	12.00	—	12.00	10.85	
F(A,B)4AN(F,B,C)060		47,500	NONE	12.00	—	12.00	10.90	
FB4ANB070		47,500	NONE	12.00	—	12.00	11.10	
FC4BN(F,B)048		47,000	NONE	12.00	—	12.00	10.85	
FC4BN(F,B)060		47,500	NONE	12.00	—	12.00	10.95	
FC4BNB054		48,000	NONE	12.50	—	12.50	11.20	
FC4BNB070		47,500	NONE	12.00	—	12.00	11.15	
FG3AAA048		47,000	NONE	—	12.00	12.00	10.70	
FG3AAA060		48,000	NONE	—	12.00	12.00	10.90	
FK4DNB006		48,000	TDR&TXV	14.00	—	—	12.45	
FK4DNF005		47,000	TDR&TXV	13.50	—	—	12.15	
COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE								
		CC5A/CD5AC048	46,500	TDR	12.50	—	12.50	11.05
		CD5AA048	47,000	TDR	12.50	—	12.50	11.20
		CE3AA048	46,000	TDR	12.50	—	12.50	11.15
		CE3AA060	47,000	TDR	12.50	—	12.50	11.45
	CK3BA048	46,500	TDR	12.50	—	12.50	11.20	
	CK5A/CK5BA048	46,500	TDR	12.50	—	12.50	11.20	
	CK5A/CK5BT048	46,500	TDR	12.50	—	12.50	11.20	

See notes on page 18.

Combination ratings continued

UNIT SIZE-SERIES	INDOOR MODEL	TOT. CAP BTUH	FACTORY- SUPPLIED ENHANCE- MENT	SEER			EER
				STANDARD RATING	CARRIER GAS FURNACE OR ACCESSORY TDR†	ACCESSORY TXV‡	
COILS + 58CV(A,X)110-20 VARIABLE-SPEED FURNACE							
	CC5A/CD5AA060	47,000	TDR	12.50	—	12.50	11.40
	CC5A/CD5AC048	46,000	TDR	12.00	—	12.50	11.25
	CC5A/CD5AW048	46,500	TDR	12.50	—	12.50	11.40
	CD5AA048	46,500	TDR	12.50	—	12.50	11.40
	CE3AA048	46,000	TDR	12.50	—	12.50	11.40
	CE3AA060	47,000	TDR	13.00	—	13.00	11.70
	CK3BA048	46,500	TDR	12.50	—	12.50	11.40
	CK3BA060	47,000	TDR	12.50	—	12.50	11.70
	CK5A/CK5BA048	46,500	TDR	12.50	—	12.50	11.40
	CK5A/CK5BA060	47,000	TDR	12.50	—	12.50	11.70
	CK5A/CK5BT048	46,500	TDR	12.50	—	12.50	11.40
	CK5A/CK5BT060	47,000	TDR	12.50	—	12.50	11.70
	CK5A/CK5BW048	46,500	TDR	12.50	—	12.50	11.40
	CK5A/CK5BX060	47,500	TDR	13.00	—	13.00	11.90
COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE							
	CC5A/CD5AA060	47,000	TDR	12.50	—	12.50	11.35
	CC5A/CD5AC048	46,000	TDR	12.50	—	12.50	11.20
	CC5A/CD5AW048	46,500	TDR	12.50	—	12.50	11.35
	CC5A/CD5AW060	47,500	TDR	13.00	—	13.00	11.70
	CD5AA048	46,500	TDR	12.50	—	12.50	11.35
	CE3AA048	46,000	TDR	12.50	—	12.50	11.30
	CE3AA060	47,000	TDR	13.00	—	13.00	11.65
	CK3BA048	46,500	TDR	12.50	—	12.50	11.35
	CK3BA060	47,000	TDR	12.50	—	12.50	11.65
	CK5A/CK5BA048	46,500	TDR	12.50	—	12.50	11.35
	CK5A/CK5BA060	47,000	TDR	12.50	—	12.50	11.65
	CK5A/CK5BT048	46,500	TDR	12.50	—	12.50	11.35
	CK5A/CK5BT060	47,000	TDR	12.50	—	12.50	11.65
	CK5A/CK5BW048	46,500	TDR	12.50	—	12.50	11.35
	CK5A/CK5BX060	47,500	TDR	13.00	—	13.00	11.85
COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE							
	CC5A/CD5AA060	47,000	TDR	12.50	—	12.50	11.50
	CC5A/CD5AC048	46,500	TDR	12.50	—	12.50	11.35
	CC5A/CD5AW048	46,500	TDR	12.50	—	12.50	11.45
	CC5A/CD5AW060	47,500	TDR	13.00	—	13.00	11.75
	CD5AA048	46,500	TDR	12.50	—	12.50	11.45
	CE3AA048	46,000	TDR	12.50	—	12.50	11.40
	CE3AA060	47,000	TDR	13.00	—	13.00	11.75
	CK3BA048	46,500	TDR	12.50	—	12.50	11.45
	CK3BA060	47,000	TDR	12.50	—	12.50	11.75
	CK5A/CK5BA048	46,500	TDR	12.50	—	12.50	11.45
	CK5A/CK5BA060	47,000	TDR	12.50	—	12.50	11.75
	CK5A/CK5BT048	46,500	TDR	12.50	—	12.50	11.45
	CK5A/CK5BT060	47,000	TDR	12.50	—	12.50	11.75
	CK5A/CK5BW048	46,500	TDR	12.50	—	12.50	11.45
	CK5A/CK5BX060	47,500	TDR	13.00	—	13.00	11.90
COILS + 58MVP080-20 VARIABLE-SPEED FURNACE							
	CC5A/CD5AA060	47,000	TDR	12.00	—	12.00	10.80
	CC5A/CD5AW060	47,500	TDR	12.50	—	12.50	11.15
	CE3AA060	47,000	TDR	12.00	—	12.00	11.15
COILS + 58MVP100-20 VARIABLE-SPEED FURNACE							
	CC5A/CD5AA060	47,000	TDR	12.00	—	12.00	10.80
	CC5A/CD5AW060	47,500	TDR	12.50	—	12.50	11.15
	CE3AA060	47,000	TDR	12.00	—	12.00	11.15
	CK3BA060	47,000	TDR	12.50	—	12.50	11.55
	CK5A/CK5BA060	47,000	TDR	12.50	—	12.50	11.55
	CK5A/CK5BT060	47,000	TDR	12.50	—	12.50	11.55
	CK5A/CK5BX060	47,500	TDR	12.50	—	12.50	11.25
COILS + 58MVP120-20 VARIABLE-SPEED FURNACE							
	CC5A/CD5AA060	47,000	TDR	12.00	—	12.00	10.80
	CC5A/CD5AW060	47,500	TDR	12.50	—	12.50	11.15
	CE3AA060	47,000	TDR	12.00	—	12.00	11.10
	CK3BA048	46,500	TDR	12.00	—	12.00	10.85
	CK3BA060	47,000	TDR	12.50	—	12.50	11.15
	CK5A/CK5BA048	46,500	TDR	12.00	—	12.00	10.85
	CK5A/CK5BA060	47,000	TDR	12.50	—	12.50	11.10
	CK5A/CK5BT048	46,500	TDR	12.00	—	12.00	10.85
	CK5A/CK5BT060	47,000	TDR	12.50	—	12.50	11.15
	CK5A/CK5BW048	46,500	TDR	12.00	—	12.00	10.85
	CK5A/CK5BX060	47,500	TDR	12.50	—	12.50	11.35
	*CC5A/CD5AW060	58,000	NONE	—	12.00	12.00	10.80
	CC5A/CD5AA060	56,000	NONE	—	11.50	11.50	10.55
	CE3AA060	58,000	NONE	—	12.00	12.00	10.90
	CK3BA060	56,000	NONE	—	11.50	11.50	10.70
	CK5A/CK5BA060	56,000	NONE	—	11.50	11.50	10.70
	CK5A/CK5BT060	56,000	NONE	—	11.50	11.50	10.75
	CK5A/CK5BX060	58,000	NONE	—	12.00	12.00	11.00
	F(A,B)4BN(F,B,C)060	58,000	TDR	11.50	—	11.50	10.35
	FB4BNB070	58,500	TDR	12.00	—	12.00	10.80
	FC4CN(F,B)060	58,000	TDR&TXV	11.50	—	—	10.35

See notes on page 18.

Combination ratings continued

UNIT SIZE-SERIES	INDOOR MODEL	TOT. CAP BTUH	FACTORY- SUPPLIED ENHANCE- MENT	SEER			EER	
				STANDARD RATING	CARRIER GAS FURNACE OR ACCESSORY TDR†	ACCESSORY TXV‡		
060-30	FC4CNB070	58,500	TDR&TXV	12.00	—	—	10.90	
	FG3AAA060	57,500	NONE	—	11.50	—	10.70	
	FK4DNB006	59,000	TDR&TXV	13.00	—	—	11.65	
	COILS + 58CV(A,X)110-20 VARIABLE-SPEED FURNACE							
	CC5A/CD5AA060	56,000	TDR	12.00	—	12.00	10.85	
	CE3AA060	57,000	TDR	12.20	—	12.20	11.30	
	CK3BA060	56,000	TDR	12.20	—	12.20	11.05	
	CK5A/CK5BA060	56,000	TDR	12.20	—	12.20	11.05	
	CK5A/CK5BT060	56,000	TDR	12.20	—	12.20	11.05	
	CK5A/CK5BX060	58,000	TDR	12.50	—	12.50	11.45	
	COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE							
	CC5A/CD5AA060	56,000	TDR	12.00	—	12.00	10.85	
	CC5A/CD5AW060	58,000	TDR	12.50	—	12.50	11.20	
	CE3AA060	57,000	TDR	12.20	—	12.20	11.25	
	CK3BA060	56,000	TDR	12.20	—	12.20	11.05	
	CK5A/CK5BA060	56,000	TDR	12.20	—	12.20	11.05	
	CK5A/CK5BT060	56,000	TDR	12.20	—	12.20	11.05	
	CK5A/CK5BX060	58,000	TDR	12.50	—	12.50	11.45	
	COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE							
	CC5A/CD5AA060	56,000	TDR	12.00	—	12.00	10.95	
	CC5A/CD5AW060	58,000	TDR	12.50	—	12.50	11.25	
	CE3AA060	57,000	TDR	12.20	—	12.20	11.35	
	CK3BA060	56,000	TDR	12.20	—	12.20	11.10	
	CK5A/CK5BA060	56,000	TDR	12.20	—	12.20	11.10	
	CK5A/CK5BT060	56,000	TDR	12.20	—	12.20	11.10	
	CK5A/CK5BX060	58,000	TDR	12.50	—	12.50	11.50	

* Tested Combination

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

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

EER — Energy Efficiency Ratio

LLS — Liquid-Line Solenoid Valve

SEER — Seasonal Energy Efficiency Ratio

NOTES: 1. Ratings are net values reflecting the effects of circulating fan motor heat. Supplemental electric heat is not included.

2. Tested outdoor/indoor combinations have been tested in accordance with DOE test procedures for central air conditioners. Ratings for other combinations are determined under DOE computer simulation procedures.

3. Determine actual CFM values obtainable for your system by referring to fan performance data in fan coil or furnace coil literature.

Detailed cooling capacities*

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F														
		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**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
38BRG018-30, 31 Outdoor Section With CC5A/CD5AA018 Indoor Section																
525	72	18.88	9.78	1.41	18.67	9.80	1.57	18.00	9.59	1.76	17.06	9.23	1.95	16.06	8.86	2.14
	67	17.66	12.33	1.39	16.96	12.12	1.56	16.07	11.73	1.72	15.16	11.36	1.89	14.15	10.95	2.08
	62	15.89	14.52	1.38	15.13	14.13	1.52	14.32	13.70	1.67	13.45	13.21	1.84	12.60	12.60	2.03
	57	15.15	15.15	1.37	14.60	14.60	1.51	13.96	13.96	1.66	13.28	13.28	1.84	12.60	12.60	2.03
600	72	18.95	9.98	1.44	18.90	10.14	1.61	18.23	10.11	1.79	17.38	9.69	1.99	16.36	9.32	2.18
	67	17.93	12.91	1.43	17.25	12.80	1.59	16.39	12.47	1.76	15.46	12.09	1.93	14.44	11.68	2.12
	62	16.24	15.42	1.40	15.47	14.99	1.56	14.63	14.63	1.71	13.85	13.85	1.88	13.08	13.08	2.08
	57	15.79	15.79	1.40	15.19	15.19	1.55	14.55	14.55	1.71	13.85	13.85	1.89	13.09	13.09	2.07
675	72	19.00	10.15	1.47	19.02	10.41	1.64	18.57	10.46	1.82	17.69	10.18	2.02	16.59	9.76	2.23
	67	18.13	13.45	1.45	17.49	13.59	1.62	16.64	13.19	1.80	15.70	12.81	1.97	14.61	12.37	2.15
	62	16.55	16.18	1.43	15.78	15.78	1.59	15.07	15.07	1.75	14.32	14.32	1.93	13.54	13.54	2.12
	57	16.37	16.37	1.43	15.72	15.72	1.59	15.08	15.08	1.75	14.32	14.32	1.93	13.54	13.54	2.12

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	018	1.00	1.00	CK5A/CK5BW	024	1.04	0.90
	024	1.04	1.01		COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE		
CC5A/CD5AW	024	1.04	1.02	CC5A/CD5AA	018	1.00	0.91
CE3AA	024	1.04	1.01		024	1.04	0.92
CF5AA	024	1.04	1.01	CC5A/CD5AW	024	1.04	0.91
CK3BA	024	1.04	0.99	CE3AA	024	1.04	0.92
CK5A/CK5BA	018	1.00	0.98	CK3BA	024	1.04	0.89
	024	1.04	0.99		018	1.00	0.89
CK5A/CK5BW	024	1.04	0.99	024	1.04	0.90	
F(A,B)4BN(F,C)	018	1.00	0.99	CK5A/CK5BW	024	1.04	0.90
	024	1.04	0.99		COILS + 58MVP040-14 VARIABLE-SPEED FURNACE		
FC4CNF	024	1.04	0.99	CE3AA	024	1.04	0.92
FF1DNA	018	1.00	0.96	COILS + 58MVP060-14 VARIABLE-SPEED FURNACE			
	024	1.04	1.00	CC5A/CD5AA	018	1.00	0.91
FF1DNE	018	1.00	0.98		024	1.04	0.92
	024	1.04	1.00	CC5A/CD5AW	024	1.04	0.92
FG3AAA	024	1.04	1.02	CE3AA	024	1.04	0.92
FK4DNF	001	1.05	0.90	CK3BA	024	1.04	0.90
	002	1.06	0.90		018	1.00	0.89
COILS + 58CV(A,X)070-12 VARIABLE-SPEED FURNACE				024	1.04	0.90	
CC5A/CD5AA	018	1.00	0.91	CK5A/CK5BW	024	1.04	0.90
	024	1.04	0.92		COILS + 58MVP080-14 VARIABLE-SPEED FURNACE		
CC5A/CD5AW	024	1.04	0.92	CC5A/CD5AW	024	1.04	0.92
CE3AA	024	1.04	0.92	CE3AA	024	1.04	0.92
CK3BA	024	1.04	0.90	CK3BA	024	1.04	0.89
CK5A/CK5BA	018	1.00	0.89	CK5A/CK5BW	024	1.04	0.90
	024	1.04	0.90		—	—	—

See notes on pg. 30.

Detailed cooling capacities* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F														
		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**	
Total	Sens‡			Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		
38BRG024-30, 31 Outdoor Section With CC5A/CD5AA024 Indoor Section																
700	72	25.9	12.7	1.92	25.0	12.3	2.13	24.1	12.0	2.37	23.1	11.6	2.63	22.2	11.3	2.94
	67	23.6	15.9	1.93	22.7	15.5	2.13	21.9	15.2	2.36	21.0	14.8	2.63	20.1	14.5	2.93
	62	21.4	19.0	1.93	20.6	18.6	2.13	19.8	18.2	2.36	19.0	17.8	2.62	18.2	17.4	2.92
	57	20.3	20.3	1.92	19.7	19.7	2.12	19.1	19.1	2.35	18.5	18.5	2.63	17.8	17.8	2.94
800	72	26.5	13.2	1.96	25.5	12.9	2.17	24.5	12.5	2.40	23.5	12.2	2.67	22.5	11.8	2.98
	67	24.1	16.9	1.96	23.2	16.5	2.17	22.3	16.1	2.40	21.4	15.8	2.67	20.5	15.4	2.97
	62	21.9	20.3	1.96	21.1	19.9	2.17	20.2	19.4	2.40	19.4	19.0	2.66	18.6	18.5	2.96
	57	21.1	21.1	1.97	20.5	20.5	2.17	19.8	19.8	2.41	19.2	19.2	2.66	18.5	18.5	2.98
900	72	26.9	13.8	2.00	25.8	13.4	2.20	24.8	13.0	2.44	23.8	12.7	2.71	22.8	12.3	3.02
	67	24.5	17.8	2.00	23.5	17.4	2.20	22.6	17.0	2.44	21.7	16.6	2.71	20.7	16.3	3.01
	62	22.3	21.4	2.00	21.4	20.9	2.20	20.6	20.4	2.44	19.8	19.8	2.70	19.1	19.1	3.00
	57	21.8	21.8	2.00	21.1	21.1	2.20	20.5	20.5	2.43	19.8	19.8	2.70	19.1	19.1	3.03

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	024	1.00	1.00	CC5A/CD5AW	024	1.00	0.90
	030	1.02	1.02		030	1.01	0.91
CC5A/CD5AW	024	1.00	1.00	CE3AA	024	1.00	0.90
	030	1.02	1.02		030	1.01	0.90
CE3AA	024	1.00	0.99	CK3BA	024	1.00	0.88
	030	1.02	1.00		030	1.01	0.90
CF5AA	024	1.00	1.00	CK5A/CK5BA	024	1.00	0.90
CK3BA	024	1.00	0.99		030	1.01	0.90
	CK5A/CK5BA	024	1.00	0.99	CK5A/CK5BW	024	1.00
030		1.02	1.01	030		1.01	0.90
CK5A/CK5BW	024	1.00	0.99	COILS + 58CV(A,X)110-20 VARIABLE-SPEED FURNACE			
	030	1.02	1.01	CC5A/CD5AW	024	1.00	0.91
F(A,B)4BN(F,C)	024	1.01	0.99		CE3AA	030	1.01
	030	1.03	0.99	024		1.00	0.91
FC4CNF	024	1.01	1.00	CK3BA	030	1.01	0.90
	030	1.03	1.00		024	1.00	0.89
FF1DNA	024	1.01	1.01	CK5A/CK5BW	030	1.01	0.90
	030	1.03	1.01		024	1.00	0.90
FF1DNE	024	1.01	1.02	COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE			
	030	1.03	1.01	CE3AA	024	1.00	0.91
FG3AAA	024	1.00	1.01		030	1.01	0.90
FK4DNF	001	1.03	0.92	COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE			
	002	1.03	0.91	CE3AA	024	1.00	0.91
	003	1.04	0.91		030	1.01	0.90
COILS + 58CV(A,X)070-12 VARIABLE-SPEED FURNACE				COILS + 58MVP040-14 VARIABLE-SPEED FURNACE			
CC5A/CD5AA	024	1.00	0.92	CE3AA	024	1.01	0.92
	030	1.01	0.91		030	1.01	0.90
CC5A/CD5AW	024	1.00	0.91	COILS + 58MVP060-14 VARIABLE-SPEED FURNACE			
	030	1.01	0.91	CC5A/CD5AA	024	1.00	0.92
CE3AA	024	1.00	0.91		CC5A/CD5AW	030	1.01
	030	1.01	0.90	024		1.00	0.91
CK3BA	024	1.00	0.89	CE3AA	030	1.01	0.91
	030	1.01	0.90		024	1.00	0.91
CK5A/CK5BA	024	1.00	0.90	CK3BA	030	1.01	0.90
	030	1.01	0.91		024	1.00	0.89
CK5A/CK5BW	024	1.00	0.90	CK5A/CK5BA	030	1.01	0.90
	030	1.01	0.91		024	1.01	0.91
COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE				CK5A/CK5BW	030	1.01	0.91
CC5A/CD5AA	024	1.00	0.91		024	1.00	0.90
	030	1.01	0.90	030	1.01	0.91	

See notes on pg. 30.

Detailed cooling capacities* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F														
		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**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
38BRG024-30, 31 Outdoor Section With CC5A/CD5AA024 Indoor Section continued																
700	72	25.9	12.7	1.92	25.0	12.3	2.13	24.1	12.0	2.37	23.1	11.6	2.63	22.2	11.3	2.94
	67	23.6	15.9	1.93	22.7	15.5	2.13	21.9	15.2	2.36	21.0	14.8	2.63	20.1	14.5	2.93
	62	21.4	19.0	1.93	20.6	18.6	2.13	19.8	18.2	2.36	19.0	17.8	2.62	18.2	17.4	2.92
	57	20.3	20.3	1.92	19.7	19.7	2.12	19.1	19.1	2.35	18.5	18.5	2.63	17.8	17.8	2.94
800	72	26.5	13.2	1.96	25.5	12.9	2.17	24.5	12.5	2.40	23.5	12.2	2.67	22.5	11.8	2.98
	67	24.1	16.9	1.96	23.2	16.5	2.17	22.3	16.1	2.40	21.4	15.8	2.67	20.5	15.4	2.97
	62	21.9	20.3	1.96	21.1	19.9	2.17	20.2	19.4	2.40	19.4	19.0	2.66	18.6	18.5	2.96
	57	21.1	21.1	1.97	20.5	20.5	2.17	19.8	19.8	2.41	19.2	19.2	2.66	18.5	18.5	2.98
900	72	26.9	13.8	2.00	25.8	13.4	2.20	24.8	13.0	2.44	23.8	12.7	2.71	22.8	12.3	3.02
	67	24.5	17.8	2.00	23.5	17.4	2.20	22.6	17.0	2.44	21.7	16.6	2.71	20.7	16.3	3.01
	62	22.3	21.4	2.00	21.4	20.9	2.20	20.6	20.4	2.44	19.8	19.8	2.70	19.1	19.1	3.00
	57	21.8	21.8	2.00	21.1	21.1	2.20	20.5	20.5	2.43	19.8	19.8	2.70	19.1	19.1	3.03

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling			
		Capacity	Power			Capacity	Power		
COILS + 58MVP080-14 VARIABLE-SPEED FURNACE				CK5A/CK5BW	024	1.00		0.90	
CC5A/CD5AW	030	1.01				0.91			
	030	1.01			0.91				
COILS + 58MVP100-20 VARIABLE-SPEED FURNACE				CC5A/CD5AW	024	1.00		0.91	
CE3AA	030	1.01				0.90			
	030	1.01			0.90				
CK3BA	024	1.00		CE3AA	024	1.00		0.91	
	030	1.01				0.90			
CK5A/CK5BW	024	1.00		CK3BA	024	1.00		0.89	
	030	1.01				0.90			
COILS + 58MVP080-20 VARIABLE-SPEED FURNACE				CK5A/CK5BW	024	1.00		0.90	
CC5A/CD5AW	030	1.01				0.91			
	030	1.01			0.91				
COILS + 58MVP120-20 VARIABLE-SPEED FURNACE				CE3AA	024	1.00		0.92	
CE3AA	030	1.01				0.90			
CK3BA	024	1.00			—	—	—		—
	030	1.01					—		—

See notes on pg. 30.

Detailed cooling capacities* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F														
		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**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
38BRG030-30, 31 Outdoor Section With CC5A/CD5AA030 Indoor Section																
875	72	32.3	15.8	2.41	31.2	15.4	2.65	30.0	14.9	2.91	28.8	14.5	3.21	27.5	14.0	3.54
	67	29.5	19.8	2.39	28.5	19.4	2.62	27.4	18.9	2.88	26.2	18.5	3.18	25.1	18.0	3.52
	62	26.9	23.8	2.37	25.9	23.3	2.61	24.9	22.8	2.87	23.8	22.3	3.15	22.8	21.7	3.47
	57	25.5	25.5	2.36	24.7	24.7	2.60	23.9	23.9	2.86	23.1	23.1	3.16	22.3	22.3	3.50
1000	72	32.9	16.4	2.46	31.7	16.0	2.70	30.5	15.6	2.96	29.2	15.1	3.26	28.0	14.6	3.59
	67	30.1	21.0	2.44	29.0	20.5	2.67	27.9	20.1	2.94	26.7	19.6	3.23	25.5	19.1	3.57
	62	27.4	25.3	2.42	26.4	24.8	2.66	25.3	24.2	2.91	24.3	23.6	3.18	23.3	23.0	3.55
	57	26.5	26.5	2.42	25.6	25.6	2.65	24.8	24.8	2.91	24.0	24.0	3.21	23.1	23.1	3.55
1125	72	33.4	17.1	2.51	32.2	16.6	2.75	30.9	16.2	3.01	29.6	15.7	3.31	28.3	15.2	3.65
	67	30.6	22.1	2.49	29.4	21.7	2.73	28.2	21.2	2.99	27.0	20.7	3.28	25.7	20.2	3.58
	62	27.9	26.7	2.47	26.8	26.1	2.71	25.8	25.4	2.96	24.7	24.7	3.26	23.8	23.8	3.58
	57	27.3	27.3	2.47	26.4	26.4	2.70	25.6	25.6	2.96	24.7	24.7	3.26	23.8	23.8	3.60

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	030	1.00	1.00	CC5A/CD5AW	030	0.98	0.89
	036	1.02	0.99		036	1.02	0.90
CC5A/CD5AW	030	1.00	1.00	CE3AA	030	0.98	0.88
	036	1.02	0.99		036	1.00	0.89
CE3AA	030	1.00	0.99	CK3BA	030	0.98	0.88
	036	1.02	1.00		036	1.02	0.90
CF5AA	036	1.02	1.00	CK5A/CK5BA	030	0.98	0.89
CK3BA	030	1.00	1.00		036	1.02	0.90
	036	1.02	0.99	CK5A/CK5BT	036	1.02	0.90
CK5A/CK5BA	030	1.00	1.00		CK5A/CK5BW	030	0.98
	036	1.02	0.99	036		1.02	0.90
CK5A/CK5BT	036	1.02	0.99	COILS + 58CV(A,X)110-20 VARIABLE-SPEED FURNACE			
CK5A/CK5BW	030	1.00	1.00	CC5A/CD5AA	036	1.02	0.90
	036	1.02	0.99	CC5A/CD5AW	030	0.98	0.89
F(A,B)4BN(F,C)	030	1.01	0.98	036	1.02	0.90	
	036	1.02	1.02	CE3AA	030	0.98	0.88
FC4CNF	030	1.01	0.98		036	1.00	0.90
	036	1.02	1.01	CK3BA	030	0.98	0.88
FF1DNA	030	1.00	0.99		036	1.02	0.90
FF1DNE	030	1.00	0.98	CK5A/CK5BA	036	1.02	0.90
FG3AAA	036	1.02	1.01	CK5A/CK5BT	036	1.02	0.90
FK4DNF	001	1.01	0.91	CK5A/CK5BW	030	0.98	0.89
	002	1.02	0.90		036	1.02	0.90
	003	1.03	0.89	COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE			
	005	1.03	0.87	CC5A/CD5AW	036	1.02	0.90
COILS + 58CV(A,X)070-12 VARIABLE-SPEED FURNACE				CE3AA	030	0.98	0.88
CC5A/CD5AA	030	0.98	0.90		036	1.00	0.89
036	1.02	0.92	0.92	CK5A/CK5BW	036	1.02	0.90
CC5A/CD5AW	030	0.98	0.90	COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE			
CE3AA	030	0.98	0.89	CC5A/CD5AW	036	1.02	0.89
	036	1.00	0.91	CE3AA	030	0.98	0.88
CK3BA	030	0.98	0.89		036	1.00	0.89
	036	1.02	0.91	CK5A/CK5BW	036	1.02	0.89
CK5A/CK5BA	030	0.98	0.91	COILS + 58MVP040-14 VARIABLE-SPEED FURNACE			
	036	1.02	0.91	CC5A/CD5AW	036	1.02	0.91
CK5A/CK5BT	036	1.02	0.91	CE3AA	030	0.98	0.90
CK5A/CK5BW	030	0.98	0.90		036	1.00	0.91
COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE				CK5A/CK5BW	036	1.02	0.91
CC5A/CD5AA	030	0.98	0.89		—	—	—
036	1.02	0.90	0.90				

See notes on pg. 30.

Detailed cooling capacities* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F														
		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**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
38BRG030-30, 31 Outdoor Section With CC5A/CD5AA030 Indoor Section continued																
875	72	32.3	15.8	2.41	31.2	15.4	2.65	30.0	14.9	2.91	28.8	14.5	3.21	27.5	14.0	3.54
	67	29.5	19.8	2.39	28.5	19.4	2.62	27.4	18.9	2.88	26.2	18.5	3.18	25.1	18.0	3.52
	62	26.9	23.8	2.37	25.9	23.3	2.61	24.9	22.8	2.87	23.8	22.3	3.15	22.8	21.7	3.47
	57	25.5	25.5	2.36	24.7	24.7	2.60	23.9	23.9	2.86	23.1	23.1	3.16	22.3	22.3	3.50
1000	72	32.9	16.4	2.46	31.7	16.0	2.70	30.5	15.6	2.96	29.2	15.1	3.26	28.0	14.6	3.59
	67	30.1	21.0	2.44	29.0	20.5	2.67	27.9	20.1	2.94	26.7	19.6	3.23	25.5	19.1	3.57
	62	27.4	25.3	2.42	26.4	24.8	2.66	25.3	24.2	2.91	24.3	23.6	3.18	23.3	23.0	3.55
	57	26.5	26.5	2.42	25.6	25.6	2.65	24.8	24.8	2.91	24.0	24.0	3.21	23.3	23.1	3.55
1125	72	33.4	17.1	2.51	32.2	16.6	2.75	30.9	16.2	3.01	29.6	15.7	3.31	28.3	15.2	3.65
	67	30.6	22.1	2.49	29.4	21.7	2.73	28.2	21.2	2.99	27.0	20.7	3.28	25.7	20.2	3.58
	62	27.9	26.7	2.47	26.8	26.1	2.71	25.8	25.4	2.96	24.7	24.7	3.26	23.8	23.8	3.58
	57	27.3	27.3	2.47	26.4	26.4	2.70	25.6	25.6	2.96	24.7	24.7	3.26	23.8	23.8	3.60

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
COILS + 58MVP060-14 VARIABLE-SPEED FURNACE				CC5A/CD5AA	030	0.98	0.90
CC5A/CD5AA	030	0.98	0.90		CE3AA	036	1.02
	CC5A/CD5AW	036	1.02	0.91		CK3BA	030
CE3AA		030	0.98	0.89	CK5A/CK5BA		036
	CK3BA	036	1.02	0.91		CK5A/CK5BT	036
CK5A/CK5BA		030	0.98	0.90	CK5A/CK5BW		030
	CK5A/CK5BT	036	1.02	0.91		COILS + 58MVP100-20 VARIABLE-SPEED FURNACE	036
CK5A/CK5BW		030	0.98	0.90	CC5A/CD5AA		036
	COILS + 58MVP080-14 VARIABLE-SPEED FURNACE	036	1.02	0.91		CC5A/CD5AW	030
CC5A/CD5AA		036	1.02	0.91	CE3AA		036
	CC5A/CD5AW	030	0.98	0.90		CK3BA	030
CE3AA		036	1.02	0.91	CK5A/CK5BA		036
	CK3BA	030	0.98	0.89		CK5A/CK5BT	036
CK5A/CK5BA		036	1.02	0.91	CK5A/CK5BW		030
	CK5A/CK5BT	030	0.98	0.89		COILS + 58MVP120-20 VARIABLE-SPEED FURNACE	036
CK5A/CK5BW		036	1.02	0.91	CC5A/CD5AA		036
	COILS + 58MVP080-20 VARIABLE-SPEED FURNACE	036	1.02	0.91		CE3AA	030
CC5A/CD5AA		036	1.02	0.91	CK5A/CK5BW		036
	CC5A/CD5AW	030	0.98	0.90		—	—
CE3AA		036	1.02	0.91	—	—	—
	CK3BA	030	0.98	0.89	—	—	—
CK5A/CK5BA		036	1.02	0.91	—	—	—
	CK5A/CK5BT	030	0.98	0.90	—	—	—
CK5A/CK5BW		036	1.02	0.91	—	—	—

See notes on pg. 30.

Detailed cooling capacities* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F														
		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**
CFM	EWB	Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
38BRG036-30, 32 Outdoor Section With CC5A/CD5AA036 Indoor Section																
1050	72	39.0	19.3	2.89	37.6	18.8	3.18	35.9	18.2	3.48	34.3	17.6	3.83	32.6	17.0	4.21
	67	35.7	24.5	2.86	34.4	24.0	3.15	32.9	23.4	3.45	31.4	22.7	3.79	29.8	22.1	4.15
	62	32.7	29.5	2.83	31.4	28.9	3.12	30.1	28.2	3.42	28.7	27.5	3.75	27.3	26.7	4.10
	57	31.3	31.3	2.82	30.4	30.4	3.11	29.3	29.3	3.41	28.2	28.2	3.74	27.0	27.0	4.11
1200	72	39.7	20.2	2.95	38.2	19.7	3.24	36.5	19.0	3.55	34.8	18.5	3.90	33.1	17.9	4.28
	67	36.4	26.0	2.92	35.0	25.5	3.21	33.5	24.9	3.52	31.9	24.2	3.85	30.2	23.6	4.21
	62	33.3	31.5	2.89	32.1	30.8	3.19	30.7	30.0	3.49	29.3	29.1	3.82	27.9	27.9	4.17
	57	32.5	32.5	2.89	31.5	31.5	3.18	30.4	30.4	3.48	29.2	29.2	3.81	27.9	27.9	4.18
1350	72	40.2	21.0	3.01	38.6	20.5	3.30	36.9	19.9	3.61	35.2	19.3	3.96	33.4	18.7	4.34
	67	36.9	27.5	2.98	35.4	26.9	3.26	33.9	26.3	3.58	32.2	25.7	3.92	30.5	25.0	4.27
	62	33.9	33.2	2.96	32.6	32.3	3.23	31.3	31.3	3.55	30.0	30.0	3.89	28.7	28.7	4.25
	57	33.5	33.5	2.95	32.5	32.5	3.24	31.3	31.3	3.55	30.0	30.0	3.88	28.7	28.7	4.26

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	036	1.00	1.00	CK5A/CK5BA	036	1.00	0.93
	042	1.00	1.00		042	1.00	0.92
CC5A/CD5AW	036	1.00	1.00	CK5A/CK5BE	042	1.00	0.92
	042	1.00	1.01		CK5A/CK5BT	036	1.00
CE3AA	036	1.00	1.01	CK5A/CK5BW		042	1.00
	042	1.01	1.01		036	1.00	0.92
CF5AA	036	1.00	1.00	COILS + 58CV(A,X)110-20 VARIABLE-SPEED FURNACE			
CK3BA	036	1.00	1.00	CC5A/CD5AA	036	1.00	0.93
	042	1.00	1.00		042	1.00	0.92
CK5A/CK5BA	036	1.00	1.00	CC5A/CD5AW	036	1.00	0.92
	042	1.00	1.00		042	1.00	0.91
CK5A/CK5BE	042	1.00	0.99	CE3AA	036	0.98	0.92
CK5A/CK5BT	036	1.00	1.00		042	1.00	0.92
	042	1.00	1.00	CK3BA		036	1.00
CK5A/CK5BW	036	1.00	1.00		042	1.00	0.92
	F(A,B)4BN(F,B,C)	042	1.01	1.02		CK5A/CK5BA	036
F(A,B)4BN(F,C)		036	1.00	1.03	042		1.00
	FC4CN(F,B)	042	1.01	1.02		CK5A/CK5BE	042
FC4CNF		036	1.00	1.03	CK5A/CK5BT		036
	FG3AAA	036	0.99	1.01		042	1.00
FK4DNB		006	1.03	0.88	CK5A/CK5BW		036
	FK4DNF	001	1.00	0.95		COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE	
002		1.01	0.94	CC5A/CD5AA	042	1.00	0.91
003		1.02	0.92		CC5A/CD5AW	036	1.00
005		1.02	0.89	042		1.00	0.91
COILS + 58CV(A,X)070-12 VARIABLE-SPEED FURNACE				CE3AA	036	0.98	0.92
CC5A/CD5AA	036	1.00	0.94		042	1.00	0.91
CE3AA	036	0.98	0.94	CK3BA	042	1.00	0.92
	042	1.00	0.93		CK5A/CK5BA	042	1.00
CK3BA	036	1.00	0.94	CK5A/CK5BT	042	1.00	0.92
	CK5A/CK5BA	036	1.00		0.94	CK5A/CK5BW	036
CK5A/CK5BE	042	1.00	0.93	COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE			
CK5A/CK5BT	036	1.00	0.94	CC5A/CD5AA	042	1.00	0.91
	COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE				CC5A/CD5AW	036	1.00
CC5A/CD5AA	036	1.00	0.93	042		1.00	0.90
	042	1.00	0.92		CE3AA	036	0.98
CC5A/CD5AW	036	1.00	0.92	042		1.00	0.90
	CE3AA	036	0.98		0.92	CK3BA	042
042		1.00	0.92	CK5A/CK5BA	042		1.00
	CK3BA	036	1.00		0.92	CK5A/CK5BT	042
042		1.00	0.92	CK5A/CK5BW	036		1.00

See notes on pg. 30.

Detailed cooling capacities* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F														
		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**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
38BRG036-30, 32 Outdoor Section With CC5A/CD5AA036 Indoor Section continued																
1050	72	39.0	19.3	2.89	37.6	18.8	3.18	35.9	18.2	3.48	34.3	17.6	3.83	32.6	17.0	4.21
	67	35.7	24.5	2.86	34.4	24.0	3.15	32.9	23.4	3.45	31.4	22.7	3.79	29.8	22.1	4.15
	62	32.7	29.5	2.83	31.4	28.9	3.12	30.1	28.2	3.42	28.7	27.5	3.75	27.3	26.7	4.10
	57	31.3	31.3	2.82	30.4	30.4	3.11	29.3	29.3	3.41	28.2	28.2	3.74	27.0	27.0	4.11
1200	72	39.7	20.2	2.95	38.2	19.7	3.24	36.5	19.0	3.55	34.8	18.5	3.90	33.1	17.9	4.28
	67	36.4	26.0	2.92	35.0	25.5	3.21	33.5	24.9	3.52	31.9	24.2	3.85	30.2	23.6	4.21
	62	33.3	31.5	2.89	32.1	30.8	3.19	30.7	30.0	3.49	29.3	29.1	3.82	27.9	27.9	4.17
	57	32.5	32.5	2.89	31.5	31.5	3.18	30.4	30.4	3.48	29.2	29.2	3.81	27.9	27.9	4.18
1350	72	40.2	21.0	3.01	38.6	20.5	3.30	36.9	19.9	3.61	35.2	19.3	3.96	33.4	18.7	4.34
	67	36.9	27.5	2.98	35.4	26.9	3.26	33.9	26.3	3.58	32.2	25.7	3.92	30.5	25.0	4.27
	62	33.9	33.2	2.96	32.6	32.3	3.23	31.3	31.3	3.55	30.0	30.0	3.89	28.7	28.7	4.25
	57	33.5	33.5	2.95	32.5	32.5	3.24	31.3	31.3	3.55	30.0	30.0	3.88	28.7	28.7	4.26

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
COILS + 58MVP060-14 VARIABLE-SPEED FURNACE				CE3AA	036	0.98	0.93
CC5A/CD5AA	036	1.00	0.93		042	1.00	0.93
	042	1.00	0.93	CK3BA		036	1.00
CC5A/CD5AW	036	1.00	0.93		042	1.00	0.93
	CE3AA	036	0.98	0.93		CK5A/CK5BA	036
042		1.00	0.92	042	1.00		0.93
CK3BA	036	1.00	0.93		CK5A/CK5BE	042	1.00
	042	1.00	0.93	CK5A/CK5BT		036	1.00
CK5A/CK5BA	036	1.00	0.93		042	1.00	0.93
	042	1.00	0.93	CK5A/CK5BW		036	1.00
CK5A/CK5BE	042	1.00	0.92		COILS + 58MVP100-20 VARIABLE-SPEED FURNACE		
	CK5A/CK5BT	036	1.00	0.93	CC5A/CD5AA	036	1.00
042		1.00	0.93	042		1.00	0.93
CK5A/CK5BW	036	1.00	0.93		CC5A/CD5AW	036	1.00
	COILS + 58MVP080-14 VARIABLE-SPEED FURNACE					042	1.00
CC5A/CD5AA	036	1.00	0.95	CE3AA	036		0.98
	042	1.00	0.94		042	1.00	0.92
CC5A/CD5AW	036	1.00	0.94	CK3BA		036	1.00
	042	1.00	0.93		042	1.00	0.93
CE3AA	036	0.98	0.94	CK5A/CK5BA		036	1.00
	042	1.00	0.94		042	1.00	0.93
CK3BA	036	1.00	0.95	CK5A/CK5BE		042	1.00
	042	1.00	0.94		CK5A/CK5BT	036	1.00
CK5A/CK5BA	036	1.00	0.95	042		1.00	0.93
	042	1.00	0.93		CK5A/CK5BW	036	1.00
CK5A/CK5BE	042	1.00	0.94	COILS + 58MVP120-20 VARIABLE-SPEED FURNACE			
	CK5A/CK5BT	036	1.00	0.95	CC5A/CD5AA	042	1.00
042		1.00	0.93	CC5A/CD5AW		036	1.00
CK5A/CK5BW	036	1.00	0.95		042	1.00	0.92
	COILS + 58MVP080-20 VARIABLE-SPEED FURNACE					CE3AA	036
CC5A/CD5AA	036	1.00	0.94	042	1.00		0.92
	042	1.00	0.93		CK3BA	042	1.00
CC5A/CD5AW	036	1.00	0.93	CK5A/CK5BA		042	1.00
	042	1.00	0.93		CK5A/CK5BT	042	1.00
—		—		CK5A/CK5BW		036	1.00

See notes on pg. 30.

Detailed cooling capacities* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F														
		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**
CFM	EWB	Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
38BRG042-30, 32 Outdoor Section With CC5A/CD5AA042 Indoor Section																
1225	72	44.8	22.1	3.42	42.9	21.4	3.75	41.1	20.8	4.13	39.1	20.0	4.53	36.8	19.2	4.96
	67	41.1	28.1	3.38	39.4	27.4	3.71	37.7	26.7	4.09	35.8	25.9	4.48	33.8	25.1	4.89
	62	37.5	33.8	3.33	36.0	33.1	3.67	34.4	32.2	4.02	32.8	31.4	4.42	31.0	30.3	4.83
	57	35.9	35.9	3.32	34.8	34.8	3.66	33.5	33.5	4.01	32.0	32.0	4.40	30.7	30.7	4.83
1400	72	45.5	23.1	3.49	43.7	22.5	3.84	41.7	21.7	4.20	39.5	21.0	4.60	37.2	20.1	5.03
	67	41.8	29.8	3.45	40.0	29.0	3.77	38.3	28.4	4.15	36.3	27.6	4.55	34.1	26.7	4.96
	62	38.3	36.0	3.41	36.7	35.1	3.73	35.1	34.3	4.11	33.4	33.1	4.49	31.6	31.6	4.90
	57	37.2	37.2	3.39	36.0	36.0	3.73	34.7	34.7	4.11	33.2	33.2	4.50	31.8	31.8	4.93
1575	72	45.9	24.0	3.56	44.1	23.3	3.90	42.1	22.6	4.27	39.8	21.8	4.67	37.4	21.0	5.10
	67	42.3	31.4	3.51	40.6	30.7	3.86	38.7	29.9	4.22	36.6	29.1	4.61	34.4	28.2	5.03
	62	38.9	37.9	3.47	37.3	36.9	3.80	35.7	35.7	4.17	34.1	34.1	4.57	32.5	32.5	5.01
	57	38.4	38.4	3.48	37.0	37.0	3.80	35.7	35.7	4.18	34.2	34.2	4.59	32.6	32.6	5.01

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	042	1.00	1.00	CC5A/CD5AC	048	0.99	0.94
CC5A/CD5AC	048	1.00	1.01	CC5A/CD5AW	042	0.99	0.92
CC5A/CD5AW	042	1.00	1.01		048	1.00	0.93
CD5AA	048	1.01	1.01	CD5AA	048	1.01	0.94
		CE3AA	042	1.00	0.94		
CE3AA	042	1.00	0.99	CK3BA	042	1.00	0.95
CF5AA	048	1.01	1.00		048	1.01	0.94
		CK3BA	042	1.00	1.00	CK5A/CK5BA	042
CK3BA	048	1.01	1.01	048	1.01		0.94
		CK5A/CK5BA	042	1.00	1.00	042	1.00
CK5A/CK5BA	048	1.01	1.01	CK5A/CK5BT	042	1.00	0.95
		CK5A/CK5BE	042	1.00	1.00	048	1.01
CK5A/CK5BT	042	1.00	1.00	CK5A/CK5BW	048	1.01	0.93
CK5A/CK5BT	048	1.01	1.01	COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE			
		CK5A/CK5BW	048	1.01	1.01	CC5A/CD5AA	042
F(A,B)4BN(F,B,C)	042	1.00	1.01	CC5A/CD5AC	048	0.99	0.93
		1.01	1.01	CC5A/CD5AW	042	0.99	0.91
FC4CN(F,B)	042	1.00	1.01	048	1.00	0.92	0.92
		1.01	1.02	CD5AA	048	1.01	0.93
FC4CNB	054	1.05	0.99	CE3AA	042	1.00	0.93
FG3AAA	048	1.01	1.01	CK3BA	042	1.00	0.93
FK4DNB	006	1.05	0.91		048	1.01	0.93
FK4DNF	003	1.03	0.95	CK5A/CK5BA	042	1.00	0.93
		005	1.04		0.92	048	1.01
COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE							
CC5A/CD5AA	042	1.00	0.94	CK5A/CK5BT	042	1.00	0.93
CC5A/CD5AC	048	0.99	0.94		048	1.01	0.93
CD5AA	048	1.01	0.95	CK5A/CK5BW	048	1.01	0.92
CE3AA	042	1.00	0.94	COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE			
		048	1.01	0.95	CE3AA	042	1.00
CK3BA	042	1.00	0.94	CK3BA	042	1.00	0.93
		048	1.01		0.94	048	1.01
CK5A/CK5BA	042	1.00	0.94	CK5A/CK5BA	042	1.00	0.93
		048	1.01		0.94	048	1.01
CK5A/CK5BE	042	1.00	0.94	CK5A/CK5BT	042	1.00	0.93
CK5A/CK5BT	042	1.00	0.94	CK5A/CK5BW	048	1.01	0.93
		048	1.01		0.94	048	1.01
COILS + 58CV(A,X)110-20 VARIABLE-SPEED FURNACE				COILS + 58MVP060-14 VARIABLE-SPEED FURNACE			
CC5A/CD5AA	042	1.00	0.94	CC5A/CD5AA	042	1.00	0.95

See notes on pg. 30.

Detailed cooling capacities* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F															
		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**	
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		
38BRG042-30, 32 Outdoor Section With CC5A/CD5AA042 Indoor Section continued																	
1225	72	44.8	22.1	3.42	42.9	21.4	3.75	41.1	20.8	4.13	39.1	20.0	4.53	36.8	19.2	4.96	
	67	41.1	28.1	3.38	39.4	27.4	3.71	37.7	26.7	4.09	35.8	25.9	4.48	33.8	25.1	4.89	
	62	37.5	33.8	3.33	36.0	33.1	3.67	34.4	32.2	4.02	32.8	31.4	4.42	31.0	30.3	4.83	
	57	35.9	35.9	3.32	34.8	34.8	3.66	33.5	33.5	4.01	32.0	32.0	4.40	30.7	30.7	4.83	
1400	72	45.5	23.1	3.49	43.7	22.5	3.84	41.7	21.7	4.20	39.5	21.0	4.60	37.2	20.1	5.03	
	67	41.8	29.8	3.45	40.0	29.0	3.77	38.3	28.4	4.15	36.3	27.6	4.55	34.1	26.7	4.96	
	62	38.3	36.0	3.41	36.7	35.1	3.73	35.1	34.3	4.11	33.4	33.1	4.49	31.6	31.6	4.90	
	57	37.2	37.2	3.39	36.0	36.0	3.73	34.7	34.7	4.11	33.2	33.2	4.50	31.8	31.8	4.93	
1575	72	45.9	24.0	3.56	44.1	23.3	3.90	42.1	22.6	4.27	39.8	21.8	4.67	37.4	21.0	5.10	
	67	42.3	31.4	3.51	40.6	30.7	3.86	38.7	29.9	4.22	36.6	29.1	4.61	34.4	28.2	5.03	
	62	38.9	37.9	3.47	37.3	36.9	3.80	35.7	35.7	4.17	34.1	34.1	4.57	32.5	32.5	5.01	
	57	38.4	38.4	3.48	37.0	37.0	3.80	35.7	35.7	4.18	34.2	34.2	4.59	32.6	32.6	5.01	

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CC5A/CD5AC	048	0.99	0.95	CK5A/CK5BA	042	1.00	0.96
CD5AA	048	1.00	0.95		048	1.01	0.96
CE3AA	042	1.00	0.95	CK5A/CK5BE	042	1.00	0.95
	048	1.01	0.96	CK5A/CK5BT	042	1.00	0.96
CK3BA	042	1.00	0.95		048	1.01	0.96
	048	1.01	0.95	CK5A/CK5BW	048	1.01	0.95
CK5A/CK5BA	042	1.00	0.95	COILS + 58MVP100-20 VARIABLE-SPEED FURNACE			
	048	1.01	0.95	CC5A/CD5AA	042	1.00	0.95
CK5A/CK5BE	042	1.00	0.95	CC5A/CD5AC	048	0.99	0.95
CK5A/CK5BT	042	1.00	0.95	CC5A/CD5AW	042	0.99	0.93
	048	1.01	0.95		048	1.00	0.94
COILS + 58MVP080-14 VARIABLE-SPEED FURNACE				CD5AA	048	1.01	0.95
CC5A/CD5AA	042	1.00	0.97	CE3AA	042	1.00	0.95
CC5A/CD5AC	048	0.99	0.96		048	1.01	0.95
CC5A/CD5AW	042	0.99	0.95	CK3BA	042	1.00	0.95
	048	1.00	0.96		048	1.01	0.95
CD5AA	048	1.00	0.96	CK5A/CK5BA	042	1.00	0.95
CE3AA	042	1.00	0.96		048	1.01	0.95
	048	1.01	0.97	CK5A/CK5BE	042	1.00	0.95
CK3BA	042	1.00	0.97	CK5A/CK5BT	042	1.00	0.95
	048	1.01	0.97		048	1.01	0.95
CK5A/CK5BA	042	1.00	0.97	CK5A/CK5BW	048	1.01	0.94
	048	1.01	0.97	COILS + 58MVP120-20 VARIABLE-SPEED FURNACE			
CK5A/CK5BE	042	1.00	0.96	CC5A/CD5AA	042	1.00	0.95
CK5A/CK5BT	042	1.00	0.97	CC5A/CD5AC	048	0.99	0.94
	048	1.01	0.97	CC5A/CD5AW	042	0.99	0.93
CK5A/CK5BW	048	1.01	0.96		048	1.00	0.94
COILS + 58MVP080-20 VARIABLE-SPEED FURNACE				CD5AA	048	1.01	0.95
CC5A/CD5AA	042	1.00	0.96	CE3AA	042	1.00	0.94
CC5A/CD5AC	048	0.99	0.95		048	1.01	0.95
CC5A/CD5AW	042	0.99	0.94	CK3BA	042	1.00	0.95
	048	1.00	0.95		048	1.01	0.94
CD5AA	048	1.00	0.95	CK5A/CK5BA	042	1.00	0.95
CE3AA	042	1.00	0.95		048	1.01	0.95
	048	1.01	0.96	CK5A/CK5BT	042	1.00	0.95
CK3BA	042	1.00	0.96		048	1.01	0.95
	048	1.01	0.96	CK5A/CK5BW	048	1.01	0.94

See notes on pg. 30.

Detailed cooling capacities* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F														
		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**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
38BRG048-31 Outdoor Section With CD5AA048 Indoor Section																
1400	72	52.6	25.5	4.05	50.3	24.7	4.51	48.0	23.8	5.00	45.6	22.9	5.52	43.0	22.0	6.08
	67	48.1	32.0	4.00	46.0	31.2	4.44	43.8	30.3	4.92	41.5	29.3	5.43	39.2	28.3	5.98
	62	44.0	38.5	3.97	42.1	37.5	4.41	40.1	36.6	4.87	38.0	35.5	5.37	35.8	34.3	5.90
	57	41.4	41.4	3.94	40.1	40.1	4.39	38.5	38.5	4.85	36.9	36.9	5.35	35.1	35.1	5.88
1600	72	53.5	26.6	4.12	51.1	25.7	4.58	48.7	24.8	5.07	46.1	23.9	5.60	43.4	23.0	6.16
	67	49.1	33.9	4.09	47.0	33.0	4.54	44.7	32.1	5.02	42.4	31.2	5.54	39.9	30.2	6.08
	62	44.9	40.9	4.04	42.9	39.9	4.48	40.8	38.8	4.95	38.6	37.6	5.45	36.3	36.1	5.98
	57	43.1	43.1	4.04	41.6	41.6	4.47	39.9	39.9	4.94	38.1	38.1	5.45	36.2	36.2	5.98
1800	72	54.1	27.5	4.19	51.7	26.6	4.66	49.2	25.8	5.15	46.5	24.8	5.68	43.7	23.9	6.24
	67	49.8	35.6	4.16	47.5	34.7	4.61	45.4	33.9	5.11	43.0	32.9	5.63	40.2	31.8	6.16
	62	45.6	43.2	4.13	43.6	42.1	4.58	41.5	40.8	5.05	39.4	39.3	5.55	37.1	37.1	6.08
	57	44.4	44.4	4.11	42.8	42.8	4.55	41.0	41.0	5.03	39.1	39.1	5.54	37.2	37.2	6.08

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	060	1.01	1.01	CE3AA	048	0.98	0.92
CC5A/CD5AC	048	0.98	0.99		060	1.00	0.92
CC5A/CD5AW	048	1.00	1.00	CK3BA	048	0.99	0.93
	060	1.01	0.99		060	1.00	0.92
CD5AA	048	1.00	1.00	CK5A/CK5BA	048	0.99	0.93
CE3AA	048	1.00	0.99		060	1.00	0.92
	060	1.01	0.99	CK5A/CK5BT	048	0.99	0.93
CF5AA	048	1.00	0.99		060	1.00	0.92
CK3BA	048	1.00	1.00	CK5A/CK5BW	048	0.99	0.93
	060	1.01	0.99		CK5A/CK5BX	060	1.01
CK5A/CK5BA	048	1.00	1.00	COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE			
	060	1.01	0.99	CC5A/CD5AA	060	1.00	0.95
CK5A/CK5BT	048	1.00	1.00	CC5A/CD5AC	048	0.98	0.94
	060	1.01	0.99	CC5A/CD5AW	048	0.99	0.94
CK5A/CK5BW	048	1.00	1.00		060	1.01	0.93
CK5A/CK5BX	060	1.01	0.98	CD5AA	048	0.99	0.94
F(A,B)4AN(F,B,C)	048	1.00	0.99	CE3AA	048	0.98	0.93
	060	1.01	1.00		060	1.00	0.92
FB4ANB	070	1.01	0.98	CK3BA	048	0.99	0.94
FC4BN(F,B)	048	1.00	0.99		060	1.00	0.92
		060	1.01	0.99	CK5A/CK5BA	048	0.99
FC4BNB	054	1.02	0.98	060		1.00	0.92
		070	1.01	0.98	CK5A/CK5BT	048	0.99
FG3AAA	048	1.00	1.00	060		1.00	0.92
		060	1.02	1.01	CK5A/CK5BW	048	0.99
FK4DNB	006	1.02	0.88	CK5A/CK5BX	060	1.01	0.92
FK4DNF	005	1.00	0.88	COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE			
COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE				CC5A/CD5AA	060	1.00	0.94
CC5A/CD5AC	048	0.99	0.96	CC5A/CD5AC	048	0.99	0.94
CD5AA	048	1.00	0.96	CC5A/CD5AW	048	0.99	0.93
CE3AA	048	0.98	0.94		060	1.01	0.92
	060	1.00	0.94	CD5AA	048	0.99	0.93
CK3BA	048	0.99	0.95	CE3AA	048	0.98	0.92
	CK5A/CK5BA	048	0.99		060	1.00	0.92
CK5A/CK5BT	048	0.99	0.95	CK3BA	048	0.99	0.93
COILS + 58CV(A,X)110-20 VARIABLE-SPEED FURNACE					060	1.00	0.92
CC5A/CD5AA	060	1.00	0.94	CK5A/CK5BA	048	0.99	0.93
CC5A/CD5AC	048	0.98	0.93		060	1.00	0.92
CC5A/CD5AW	048	0.99	0.93	CK5A/CK5BT	048	0.99	0.93
CD5AA	048	0.99	0.93		060	1.00	0.92

See notes on pg. 30.

Detailed cooling capacities* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F														
		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**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
38BRG048-31 Outdoor Section With CD5AA048 Indoor Section continued																
1400	72	52.6	25.5	4.05	50.3	24.7	4.51	48.0	23.8	5.00	45.6	22.9	5.52	43.0	22.0	6.08
	67	48.1	32.0	4.00	46.0	31.2	4.44	43.8	30.3	4.92	41.5	29.3	5.43	39.2	28.3	5.98
	62	44.0	38.5	3.97	42.1	37.5	4.41	40.1	36.6	4.87	38.0	35.5	5.37	35.8	34.3	5.90
	57	41.4	41.4	3.94	40.1	40.1	4.39	38.5	38.5	4.85	36.9	36.9	5.35	35.1	35.1	5.88
1600	72	53.5	26.6	4.12	51.1	25.7	4.58	48.7	24.8	5.07	46.1	23.9	5.60	43.4	23.0	6.16
	67	49.1	33.9	4.09	47.0	33.0	4.54	44.7	32.1	5.02	42.4	31.2	5.54	39.9	30.2	6.08
	62	44.9	40.9	4.04	42.9	39.9	4.48	40.8	38.8	4.95	38.6	37.6	5.45	36.3	36.1	5.98
	57	43.1	43.1	4.04	41.6	41.6	4.47	39.9	39.9	4.94	38.1	38.1	5.45	36.2	36.2	5.98
1800	72	54.1	27.5	4.19	51.7	26.6	4.66	49.2	25.8	5.15	46.5	24.8	5.68	43.7	23.9	6.24
	67	49.8	35.6	4.16	47.5	34.7	4.61	45.4	33.9	5.11	43.0	32.9	5.63	40.2	31.8	6.16
	62	45.6	43.2	4.13	43.6	42.1	4.58	41.5	40.8	5.05	39.4	39.3	5.55	37.1	37.1	6.08
	57	44.4	44.4	4.11	42.8	42.8	4.55	41.0	41.0	5.03	39.1	39.1	5.54	37.2	37.2	6.08

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CK5A/CK5BW	048	0.99	0.93	CK5A/CK5BX	060	1.01	0.97
CK5A/CK5BX	060	1.01	0.91	COILS + 58MVP120-20 VARIABLE-SPEED FURNACE			
COILS + 58MVP080-20 VARIABLE-SPEED FURNACE				CC5A/CD5AA	060	1.00	0.99
CC5A/CD5AA	060	1.00	0.99	CC5A/CD5AW	060	1.01	0.97
CC5A/CD5AW	060	1.01	0.97	CE3AA	060	1.00	0.97
CE3AA	060	1.00	0.97	CK3BA	048	0.99	0.98
COILS + 58MVP100-20 VARIABLE-SPEED FURNACE					060	1.00	0.97
CC5A/CD5AA	060	1.00	0.99	CK5A/CK5BA	048	0.99	0.98
CC5A/CD5AW	060	1.01	0.97		060	1.00	0.97
CE3AA	060	1.00	0.97	CK5A/CK5BT	048	0.99	0.98
CK3BA	060	1.00	0.93		060	1.00	0.97
CK5A/CK5BA	060	1.00	0.93	CK5A/CK5BW	048	0.99	0.98
CK5A/CK5BT	060	1.00	0.93	CK5A/CK5BX	060	1.01	0.96

See notes on pg. 30.

Detailed cooling capacities* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F															
		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**	
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		
38BRG060-30 Outdoor Section With CC5A/CD5AW060 Indoor Section																	
1750	72	64.4	31.5	5.03	61.7	30.5	5.55	58.9	29.4	6.12	55.9	28.3	6.73	52.8	27.2	7.37	
	67	59.3	39.8	4.94	56.8	38.7	5.46	54.2	37.6	6.02	51.5	36.5	6.61	48.7	35.3	7.24	
	62	54.4	47.8	4.87	52.1	46.7	5.38	49.7	45.5	5.91	47.2	44.3	6.49	44.6	42.9	7.12	
	57	51.6	51.6	4.84	49.8	49.8	5.34	48.0	48.0	5.88	46.0	46.0	6.46	43.9	43.9	7.10	
2000	72	65.8	32.9	5.15	63.0	31.8	5.67	60.0	30.7	6.25	56.9	29.6	6.85	53.7	28.5	7.50	
	67	60.6	42.1	5.06	58.0	41.0	5.58	55.3	39.9	6.14	52.4	38.8	6.73	49.5	37.6	7.37	
	62	55.3	50.8	4.97	52.9	49.6	5.47	50.5	48.3	6.02	47.9	46.8	6.60	45.3	45.1	7.23	
	57	53.4	53.4	4.94	51.5	51.5	5.45	49.5	49.5	6.00	47.4	47.4	6.59	45.2	45.2	7.23	
2250	72	66.8	34.2	5.26	63.9	33.1	5.78	60.9	32.0	6.36	57.3	30.8	6.95	54.0	29.6	7.60	
	67	61.3	44.2	5.16	58.9	43.2	5.69	56.1	42.1	6.26	53.2	41.0	6.85	49.8	39.6	7.47	
	62	56.4	53.7	5.09	53.9	52.3	5.59	51.4	50.8	6.14	48.9	48.9	6.73	46.2	46.2	7.35	
	57	55.0	55.0	5.05	53.2	53.2	5.58	50.9	50.9	6.12	48.6	48.6	6.71	46.3	46.3	7.35	

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	060	0.97	0.99	CK5A/CK5BT	060	0.97	0.94
CC5A/CD5AW	060	1.00	1.00	CK5A/CK5BX	060	1.00	0.94
CE3AA	060	1.00	0.99	COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE			
CK3BA	060	0.97	0.97	CC5A/CD5AA	060	0.97	0.96
CK5A/CK5BA	060	0.97	0.97	CC5A/CD5AW	060	1.00	0.97
CK5A/CK5BT	060	0.97	0.97	CE3AA	060	0.98	0.94
CK5A/CK5BX	060	1.00	0.98	CK3BA	060	0.97	0.95
F(A,B)4BN(F,B,C)	060	1.00	1.04	CK5A/CK5BA	060	0.97	0.95
FB4BNB	070	1.01	1.01	CK5A/CK5BT	060	0.97	0.95
FC4CN(F,B)	060	1.00	1.04	CK5A/CK5BX	060	1.00	0.95
FC4CNB	070	1.01	1.00	COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE			
FG3AAA	060	0.99	1.00	CC5A/CD5AA	060	0.97	0.95
FK4DNB	006	1.02	0.94	CC5A/CD5AW	060	1.00	0.96
COILS + 58CV(A,X)110-20 VARIABLE-SPEED FURNACE				CE3AA	060	0.98	0.94
CC5A/CD5AA	060	0.97	0.96	CK3BA	060	0.97	0.94
CE3AA	060	0.98	0.94	CK5A/CK5BA	060	0.97	0.94
CK3BA	060	0.97	0.94	CK5A/CK5BT	060	0.97	0.94
CK5A/CK5BA	060	0.97	0.94	CK5A/CK5BX	060	1.00	0.94

NOTE: When the required data fall between the published data, interpolation may be performed.

* Detailed cooling capacities are based on indoor and outdoor unit at 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).

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

System design summary

1. Intended for outdoor installation with free air inlet and outlet. Outdoor fan external static pressure available is less than 0.01-in. wc.
2. Minimum outdoor operating air temperature without low-ambient operation accessory is 55°F (12.8°C).
3. Maximum outdoor operating air temperature is 125°F (51.7°C).
4. For reliable operation, unit should be level in all horizontal planes.
5. Maximum elevation of indoor coil above or below base of outdoor unit is: indoor coil above = 50 ft, indoor coil below = 150 ft.
6. For interconnecting refrigerant tube lengths greater than 50 ft horizontal and/or 20 ft vertical differential, consult the Residential Split System Long-Line Application Guideline available from equipment distributor.
7. Crankcase heater required when interconnecting refrigerant tube length exceeds 50 ft.
8. If any refrigerant tubing is buried, provide a minimum 6-in. vertical rise to the valve connections at the unit. Refrigerant tubing lengths up to 36 in. may be buried without further consideration. For buried lines longer than 3 ft, consult your local distributor.
9. Use only copper wire for electric connection at unit. Aluminum and clad aluminum are not acceptable for the type of connector provided.

Condenser only ratings*

SST °F		CONDENSER ENTERING AIR TEMPERATURES °F						
		55	65	75	85	95	105	115
38BRG018-30, 31								
30	TCG	17.10	15.00	14.10	13.10	12.00	10.90	9.80
	SDT	73.10	81.20	91.10	100.40	109.80	119.20	128.60
	KW	0.78	0.87	0.99	1.10	1.23	1.37	1.52
35	TCG	19.80	17.20	15.80	14.80	13.70	12.50	11.30
	SDT	74.10	83.40	92.50	102.00	111.30	120.70	130.20
	KW	0.79	0.89	1.02	1.13	1.26	1.40	1.56
40	TCG	20.80	20.50	18.00	16.50	15.40	14.20	12.90
	SDT	76.30	85.50	94.60	103.60	113.00	122.40	131.80
	KW	0.81	0.91	1.03	1.17	1.30	1.44	1.59
45	TCG	23.50	21.40	19.90	18.70	17.30	16.00	14.70
	SDT	77.70	87.30	96.30	105.80	114.90	124.20	133.50
	KW	0.81	0.93	1.05	1.19	1.34	1.49	1.64
50	TCG	26.90	24.20	22.30	20.90	19.50	18.00	16.60
	SDT	78.70	89.20	98.60	107.90	117.10	126.10	135.40
	KW	0.82	0.95	1.07	1.22	1.36	1.53	1.69
55	TCG	33.30	27.40	25.00	23.20	21.60	20.20	18.60
	SDT	77.30	90.40	100.50	110.00	119.20	128.50	137.50
	KW	0.80	0.95	1.10	1.24	1.40	1.56	1.75
38BRG024-30, 31								
30	TCG	21.9	21.0	19.9	18.8	17.6	16.5	15.5
	SDT	75.8	85.8	95.7	106.0	116.0	126.0	136.0
	KW	1.11	1.26	1.43	1.61	1.80	2.02	2.26
35	TCG	24.0	23.1	22.0	20.9	19.6	18.4	17.3
	SDT	76.6	86.6	96.6	107.0	116.0	126.0	136.0
	KW	1.10	1.26	1.43	1.61	1.81	2.03	2.27
40	TCG	26.2	25.3	24.3	23.1	21.8	20.4	19.2
	SDT	77.9	87.8	97.7	108.0	118.0	127.0	137.0
	KW	1.10	1.25	1.43	1.62	1.82	2.05	2.29
45	TCG	28.5	27.6	26.6	25.3	24.0	22.6	21.2
	SDT	79.3	89.2	99.1	109.0	119.0	129.0	139.0
	KW	1.09	1.25	1.43	1.63	1.84	2.07	2.32
50	TCG	30.9	30.0	28.9	27.7	26.3	24.9	23.4
	SDT	80.7	90.7	101.0	111.0	120.0	130.0	140.0
	KW	1.09	1.25	1.43	1.63	1.85	2.09	2.34
55	TCG	33.4	32.5	31.4	30.2	28.8	27.2	25.6
	SDT	82.3	92.3	102.0	112.0	122.0	132.0	142.0
	KW	1.08	1.25	1.44	1.64	1.87	2.11	2.37
38BRG030-30, 31								
30	TCG	27.5	26.3	25.0	23.7	22.3	20.9	19.4
	SDT	75.0	85.0	95.0	105.0	115.0	125.0	135.0
	KW	1.38	1.61	1.87	2.16	2.47	2.81	3.16
35	TCG	30.3	29.0	27.7	26.3	24.8	23.3	21.8
	SDT	75.1	85.1	95.1	105.0	115.0	125.0	135.0
	KW	1.33	1.56	1.82	2.11	2.43	2.77	3.13
40	TCG	33.2	31.9	30.5	29.0	27.5	25.9	24.2
	SDT	75.6	85.5	95.4	105.0	115.0	125.0	135.0
	KW	1.29	1.52	1.78	2.06	2.38	2.73	3.10
45	TCG	36.3	34.9	33.4	31.9	30.2	28.6	26.8
	SDT	76.6	86.2	96.1	106.0	116.0	126.0	136.0
	KW	1.26	1.48	1.74	2.03	2.35	2.70	3.07
50	TCG	39.6	38.1	36.5	34.8	33.1	31.4	29.5
	SDT	78.0	87.4	97.1	107.0	117.0	127.0	136.0
	KW	1.24	1.46	1.71	1.99	2.31	2.66	3.04
55	TCG	42.9	41.4	39.7	38.0	36.2	34.3	32.4
	SDT	79.5	88.9	98.4	108.0	118.0	128.0	137.0
	KW	1.21	1.43	1.68	1.97	2.28	2.64	3.02

See notes on pg. 33.

Condenser only ratings* continued

SST °F		CONDENSER ENTERING AIR TEMPERATURES °F						
		55	65	75	85	95	105	115
38BRG036-30, 32								
30	TCG	33.4	31.9	30.2	28.5	26.8	24.9	22.9
	SDT	75.0	85.0	95.0	105.0	115.0	125.0	135.0
	KW	1.80	2.03	2.26	2.50	2.74	2.96	3.17
35	TCG	36.9	35.2	33.5	31.7	29.9	27.9	25.9
	SDT	75.1	85.1	95.1	105.0	115.0	125.0	135.0
	KW	1.79	2.03	2.27	2.53	2.78	3.03	3.27
40	TCG	40.5	38.8	37.0	35.1	33.1	31.1	28.9
	SDT	75.7	85.6	95.6	106.0	115.0	125.0	135.0
	KW	1.78	2.03	2.29	2.55	2.82	3.09	3.35
45	TCG	44.3	42.4	40.5	38.6	36.5	34.3	32.1
	SDT	76.8	86.6	96.3	106.0	116.0	126.0	136.0
	KW	1.78	2.04	2.30	2.58	2.86	3.15	3.43
50	TCG	48.2	46.3	44.3	42.2	40.0	37.8	35.4
	SDT	78.1	87.8	97.6	107.0	117.0	127.0	137.0
	KW	1.78	2.04	2.32	2.61	2.91	3.21	3.51
55	TCG	52.5	50.4	48.3	46.0	43.7	41.3	38.9
	SDT	79.7	89.3	98.9	109.0	118.0	128.0	138.0
	KW	1.78	2.06	2.34	2.64	2.95	3.27	3.59
38BRG042-30, 32								
30	TCG	38.9	37.1	35.3	33.3	31.3	29.2	27.0
	SDT	72.1	81.9	91.7	102.0	111.0	121.0	130.0
	KW	1.97	2.23	2.50	2.77	3.04	3.29	3.54
35	TCG	42.7	40.8	38.8	36.7	34.6	32.3	30.1
	SDT	73.6	83.3	93.1	103.0	113.0	122.0	132.0
	KW	1.99	2.26	2.54	2.83	3.12	3.40	3.67
40	TCG	46.7	44.7	42.6	40.4	38.1	35.7	33.3
	SDT	75.1	84.8	94.5	104.0	114.0	124.0	133.0
	KW	2.01	2.29	2.58	2.88	3.19	3.50	3.79
45	TCG	50.9	48.8	46.5	44.2	41.7	39.2	36.6
	SDT	76.7	86.3	96.0	106.0	115.0	125.0	135.0
	KW	2.02	2.31	2.62	2.94	3.26	3.59	3.91
50	TCG	55.4	53.1	50.7	48.3	45.7	43.0	40.2
	SDT	78.4	88.0	97.7	107.0	117.0	127.0	136.0
	KW	2.03	2.34	2.66	2.99	3.33	3.68	4.02
55	TCG	60.2	57.7	55.1	52.5	49.8	46.9	44.0
	SDT	80.2	89.8	99.3	109.0	119.0	128.0	138.0
	KW	2.04	2.36	2.70	3.04	3.40	3.76	4.13
38BRG048-31								
30	TCG	45.2	43.2	41.1	38.9	36.6	34.2	31.7
	SDT	75.3	85.2	95.2	105.0	115.0	125.0	135.0
	KW	2.47	2.78	3.12	3.49	3.88	4.30	4.74
35	TCG	49.6	47.5	45.3	43.0	40.6	38.1	35.5
	SDT	76.3	86.2	95.9	106.0	116.0	126.0	135.0
	KW	2.47	2.77	3.11	3.49	3.89	4.32	4.76
40	TCG	54.2	52.0	49.7	47.2	44.7	42.1	39.4
	SDT	77.7	87.4	97.2	107.0	117.0	127.0	136.0
	KW	2.47	2.78	3.12	3.50	3.91	4.35	4.81
45	TCG	59.1	56.7	54.3	51.7	49.0	46.2	43.4
	SDT	79.4	89.0	98.8	109.0	118.0	128.0	138.0
	KW	2.48	2.79	3.14	3.52	3.94	4.39	4.86
50	TCG	64.3	61.8	59.1	56.4	53.5	50.6	47.6
	SDT	81.2	90.8	100.0	110.0	120.0	130.0	139.0
	KW	2.49	2.81	3.16	3.54	3.97	4.43	4.91
55	TCG	69.8	67.0	64.2	61.3	58.3	55.2	51.9
	SDT	83.2	92.7	102.0	112.0	122.0	131.0	141.0
	KW	2.51	2.82	3.18	3.57	4.00	4.47	4.97

See notes on pg. 33.

Condenser only ratings* continued

SST °F		CONDENSER ENTERING AIR TEMPERATURES °F						
		55	65	75	85	95	105	115
38BRG060-30								
30	TCG	56.0	53.6	51.1	48.5	45.8	43.0	40.2
	SDT	77.0	86.8	96.7	107.0	117.0	126.0	136.0
	KW	2.87	3.23	3.63	4.09	4.58	5.10	5.65
35	TCG	61.3	58.7	56.1	53.3	50.4	47.5	44.5
	SDT	78.6	88.4	98.2	108.0	118.0	128.0	137.0
	KW	2.89	3.26	3.67	4.13	4.63	5.16	5.72
40	TCG	66.9	64.2	61.3	58.4	55.3	52.2	49.0
	SDT	80.4	90.1	99.9	110.0	120.0	129.0	139.0
	KW	2.93	3.30	3.71	4.17	4.68	5.24	5.81
45	TCG	72.8	69.9	66.8	63.7	60.5	57.1	53.6
	SDT	82.3	92.0	102.0	112.0	121.0	131.0	141.0
	KW	2.97	3.34	3.76	4.23	4.74	5.30	5.91
50	TCG	79.1	75.9	72.7	69.4	65.9	62.3	58.6
	SDT	84.4	94.1	104.0	113.0	123.0	133.0	143.0
	KW	3.02	3.39	3.81	4.29	4.81	5.38	6.00
55	TCG	85.6	82.3	78.9	75.3	71.6	67.8	63.8
	SDT	86.7	96.2	106.0	115.0	125.0	135.0	145.0
	KW	3.07	3.45	3.88	4.35	4.88	5.46	6.09

* ARI listing applies only to systems shown in Combination Ratings table.

KW — Outdoor Unit Kilowatts only.

SDT — Saturated Temperature Leaving Compressor (°F)

SST — Saturated Temperature Entering Compressor (°F)

TCG — Gross Cooling Capacity (1000 Btuh)

Guide specifications

Air-Cooled, Split-System Air Conditioner 38BRG 1-1/2 to 5 Tons Nominal

GENERAL

System Description

Outdoor-mounted, air-cooled, split-system air conditioner 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 210.

Unit will be certified for capacity, 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 150 psig and pressure tested at 300 psig.

Unit constructed in ISO9001 approved facility.

Delivery, Storage, and Handling

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

Warranty (for inclusion by specifying engineer)

U.S. and Canada only.

PRODUCTS

Equipment

Factory-assembled, single-piece, air-cooled air conditioner unit. Contained within the unit enclosure is all factory wiring, piping, controls, compressor, refrigerant charge (R22), 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 line shutoff valve with sweat connections, suction line shutoff valves with sweat connections, system charge of refrigerant R22, and compressor oil.

Operating Characteristics

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

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

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

Electrical Requirements

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

Unit electrical power will be single point connection.

Control circuit will be 24v.

Special Features

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

