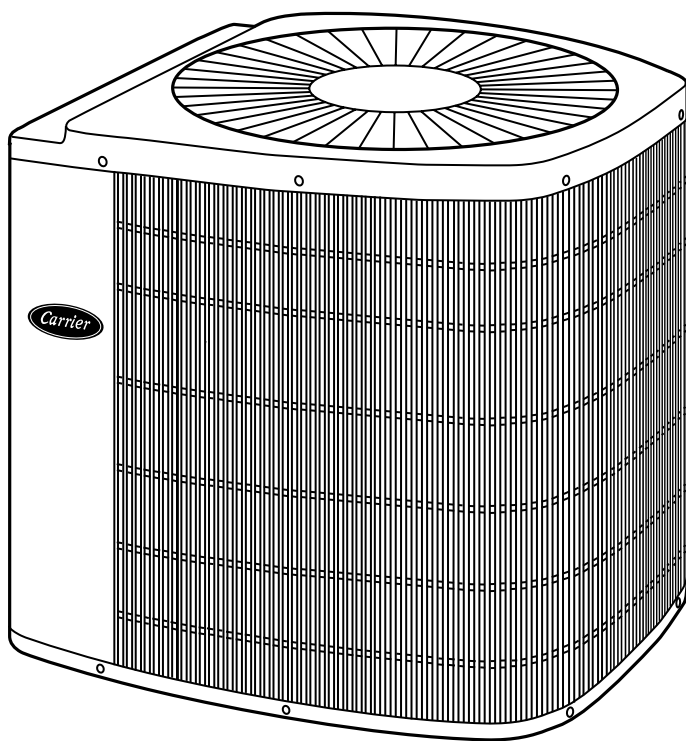




Product Data

Comfort™ 10 38TKB (60 Hz) 10 SEER Air Conditioner

Sizes 018 thru 060



Comfort
SERIES

Model 38TKB 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 of up to 11.5 when used with specific Carrier indoor sections. All models are listed with ARI, UL (U.S. and Canada) and CEC.

FEATURES

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

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

WeatherArmor™ III Protection Package — This three-part protection system begins with the galvanized steel cabinet. Once coated with a layer of zinc phosphate, a modified polyester powder coating is then applied and baked on, providing each unit with a hard, smooth finish that will last for many years. Additionally, the coil protector, made of a coated steel wire grid with vertical 3/8 in. spacing, is designed to help protect the coil from inclement weather, vandalism and incidental damage. It provides protection while not restricting airflow and maintaining ease of coil cleaning. Finally, all screws on cabinet exterior are ceramic coated for a long-lasting, rust-resistant, quality appearance.

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 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. Coil can be cleaned with a common garden hose.

Application Versatility — The 38TKB 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 copper 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 wire dome gives access to fan motor and removal of the top gives access to the coil.

Compressor Usage — Various compressors have been utilized on this product. Refer to the Physical data chart for compressor manufacturer and

type. For improved serviceability, all models are equipped with a compressor terminal plug.

Continuous operation is approved from 55°F (12.8°C) to 125°F (37.0°C) in the cooling mode. Operation down to 0°F or -20°F is approved when low-ambient requirements are followed. See cooling performance tables.

Limited Warranty — Standard 5-year warranty on all parts and 10-year parts only warranty on compressor.



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

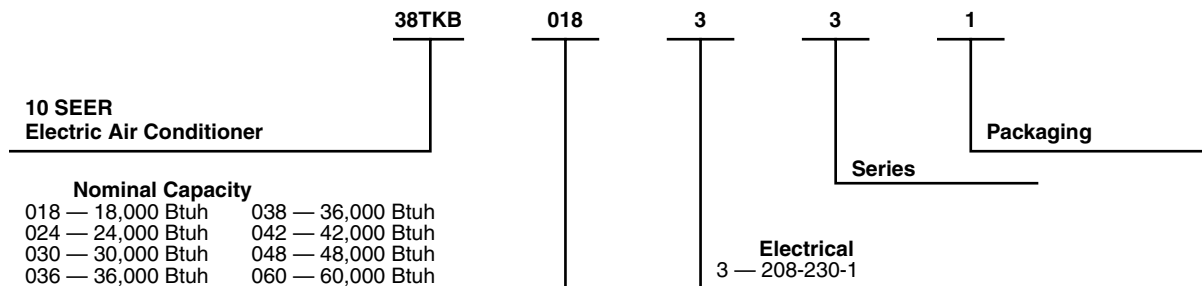


APPROVALS
ISO 9001
EN 29001
BS 5750 PART 1
ANSI/ASQC Q91



REGISTERED QUALITY SYSTEM

Model number nomenclature



The data in this publication is displayed for all series; however, every series may not be available from manufacturer.

Physical data

UNIT SIZE-SERIES	018-33	024-33	030-33	036-34	042-33	048-37	060-35
OPERATING WEIGHT (Lb)	138	140	160	169	222	241	258
REFRIGERANT Control Charge (Lb) @ 15 Ft	R-22 AccuRater® Piston						
	3.50	3.80	4.75	5.30	5.50	7.00	8.75
CONDENSER FAN Air Discharge	Vertical						
Air Qty (CFM)	1500	1500	1800	2100	2800	2800	2800
Motor HP	1/12	1/12	1/10	1/4	1/4	1/4	1/4
Motor RPM	1100						
CONDENSER COIL							
Face Area (Sq Ft)	7.27		8.72	10.89	12.16	15.19	18.30
Fins per In.	20	25	20	25	25	25	25
Rows	1	1	1	1	1	1	1
Circuits	1	1	2	2	2	3	4
VALVE CONNECT (In. ID)							
Vapor	5/8		3/4			7/8	
Liquid				3/8			
REFRIG TUBES* (In. OD)							
Vapor (0-50 Ft Tube Length)	5/8	5/8	3/4	3/4	7/8	7/8	1-1/8
Vapor (Max Diameter for Long-Line Applications)	3/4	3/4	7/8	7/8	1-1/8	1-1/8	1-1/8
Liquid (0-50 Ft. Tube Length)†				3/8			
Liquid (For Long-Line Applications)				3/8			
COMPRESSOR							
Type	Recip					Scroll	

NOTE: See unit Installation Instructions for proper installation.

* For tube sets between 50 and 175 ft horizontal and/or 20 ft vertical differential, consult Residential Split Systems Long-Line Application Guideline.

† 3/8-in. liquid tube must be used on capillary type coils.

METERING DEVICE

UNIT SIZE-SERIES	PISTON* IDENTIFICATION NO.
018-33	52
024-33	57
030-33	65
036-34	73
042-33	78
048-37	82
060-35	93

* Piston listed is for any approved non-capillary tube non-TXV 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)
018-33	20
024-33	20
030-33	20
036-34	20
042-33	20
048-37	20
060-35	15

Accessories

ORDERING NUMBER	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 018–030
HC40GE232 (RCD)	Ball Bearing Fan Motor — Sizes 036–060
KAAFT0101AAA	Evaporator Freeze Thermostat — All Sizes
KAAWS0101AAA	Winter Start Control — All Sizes
KSACY0101AAA	Cycle Protector — All Sizes
KSAHS0901AAA	Start Assist — Capacitor and Relay — Size 030
KSAHS1901AAA	Start Assist — Capacitor and Relay — Size 036
KSAHS1601AAA	Start Assist — Capacitor and Relay — Size 060
KSAHS2001AAA	Start Assist — Capacitor and Relay — Sizes 018–024
KSAHS2201AAA	Start Assist — Capacitor and Relay — Size 042
KSAHS1701AAA	Start Assist — Capacitor and Relay — Sizes 048
KAACS0201PTC	Start Assist — PTC — All Sizes
KAACH1001AAA	Crankcase Heater — Sizes 018–042
KAACH1201AAA	Crankcase Heater — Sizes 048–060
KSASH2001BRL	Sound Hood — Sizes 018–036
KSASH1201COP	Sound Hood — Size 042
KSASH2101COP	Sound Hood — Sizes 048–060
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
KSAHI0101HPS	High Pressure Switch — All Sizes
P502-8083S (RCD)	Filter Drier — Sizes 018–036
P502-8163S (RCD)	Filter Drier — Sizes 042–060
KAALS0101LLS	Liquid-Line Solenoid Valve — All Sizes
KSASF0101AAA	Support Feet — All Sizes
KAACF0701SML	Coastal Filter — Sizes 018–036
KAACF0801MED	Coastal Filter — Sizes 042–060

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-B	Thermostat — Auto Changeover, Non-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
TSTATCCSAC01	Thermostat, Manual Changeover, 5-2 Day 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
TSTATXXBP01	Backplate for Programmable Thermostat
TSTATXXSBP01	Backplate for Standard Programmable Thermostat
TSTATXXCNV10	Thermostat Conversion Kit (4 to 5 Wire) — 10 Pack

Accessory description and usage (Listed alphabetically)

1. Ball-Bearing Fan Motor

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

Usage Guideline:

Required on all units when Motor Master®—Low-Ambient Controller is installed.

2. Coastal Filter

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

3. Compressor Start Assist – Capacitor and Relay

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

Usage Guideline:

Required for 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 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 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. Evaporator Freeze Thermostat

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

Usage Guideline:

Required when low ambient kit has been added.

7. Filter Drier—Bi-Flow

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.

8. 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)

9. 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.

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

11. MotorMaster®-Low-Ambient Controller

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

Usage Guideline:

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

Suggested for all commercial applications.

12. 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.

13. Sound Hood

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

Usage Guideline:

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

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

Accessory description and usage (Listed alphabetically)

14. Support Feet

Four stick-on plastics feet which raise the unit 4 in. above the mounting pad. This allows sand, dirt, and other debris to be flushed from the unit base; minimizes corrosion.

Usage Guideline:

Suggested in the following applications:

Coastal installations.

In windy areas or where debris is normally circulating.

Rooftop installations.

15. 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.

16. 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.

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 line sets between 50 and 175 ft and/or 20 ft vertical differential, refer to Residential Split System Long-Line Application Guideline.

† Only when low-pressure switch is used.

‡ Required for MotorMaster Control only.

Electrical data

UNIT SIZE-SERIES	V/PH	OPER VOLTS*		COMPR		FAN FLA	MCA	60° MIN WIRE SIZE†	75° MIN WIRE SIZE†	60° MAX LENGTH (Ft)‡	75° MAX LENGTH (Ft)‡	MAX FUSE** OR CKT BKR AMPS
		Max	Min	LRA	RLA							
018-33	208-230/1	253	197	48.0	9.0	0.5	11.7	14	14	66	62	20
024-33				60.0	11.5	0.5	14.9	14	14	53	50	20
030-33				73.0	14.1	0.8	18.4	14	14	39	37	30
036-34				82.0	16.0	1.4	21.4	12	12	57	54	30
042-33				105.0	17.7	1.4	23.5	12	12	52	50	40
048-37				131.0	22.8	1.4	28.6	10	10	67	63	50
060-35				144.0	28.4	1.4	36.9	8	8	78	74	60

* Permissible limits of the voltage range at which the 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 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:

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

A-weighted sound power (dBA)

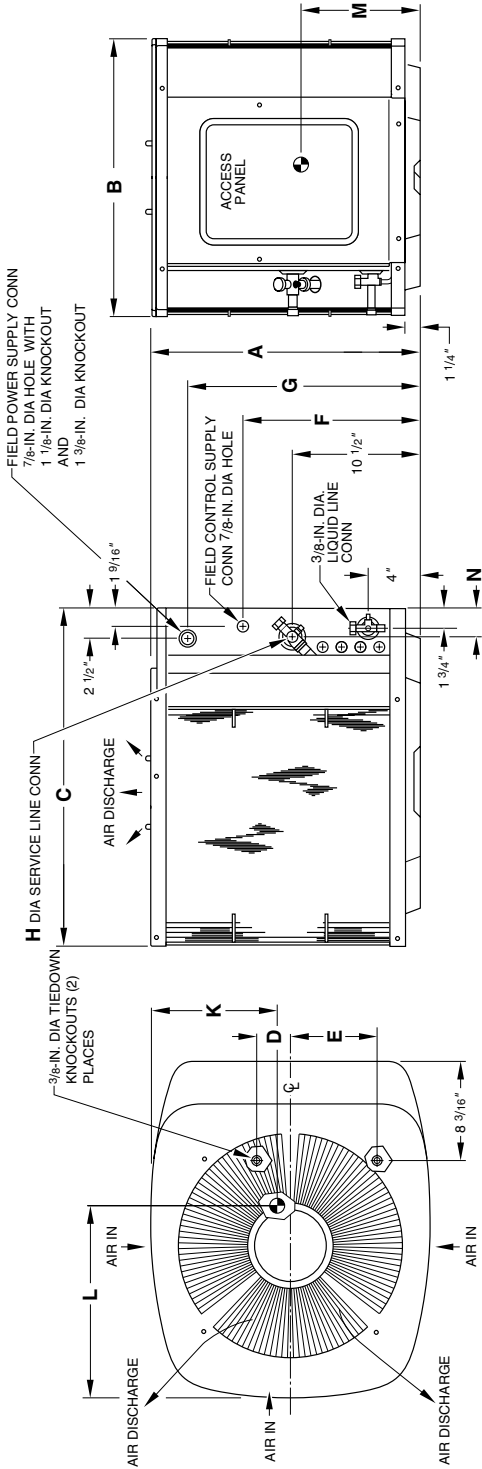
UNIT SIZE-SERIES	STANDARD RATING	TYPICAL OCTAVE BAND SPECTRUM (without tone adjustment)						
		125	250	500	1000	2000	4000	8000
018-33	76	52.5	62.0	68.5	70.0	69.0	66.0	57.5
024-33	78	53.0	62.0	72.0	69.0	69.0	65.0	58.0
030-33	79	59.5	65.5	71.0	72.5	71.5	68.5	61.0
036-34	80	61.5	67.0	73.5	74.5	73.5	70.5	63.5
042-33	81	63.0	69.0	72.0	75.0	75.0	72.0	67.0
048-37	82	62.0	66.0	71.5	76.5	73.5	70.5	64.5
060-35	82	65.0	67.0	72.0	77.0	74.0	72.0	67.0

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

Dimensions

NOTES:

- 1.Allow 30 in. clearance to service side of unit, 48 in. above unit, 6 in. on one side, 12 in. on remaining side, and 24 in. between units for proper airflow.
- 2.Minimum outdoor operating ambient in cooling mode is 55°F (unless low-ambient control is used) max 125°F.
- 3.Series designation is the 13th position of the unit model number.
- 4.Center of gravity



A97000

DIMENSIONS (IN.)

UNIT SIZE	UNIT DIMENSIONS													MINIMUM MOUNTING PAD DIMENSIONS	
	SERIES	A	B	C	D	E	F	G	H	K	L	M	N		
018	33	21-7/8	22-1/2	27-1/2	2-13/16	6-15/16	13-3/8	17-7/8	5/8	12-3/16	14-1/2	10-3/8	2-3/8	20 x 27	
024	33	21-7/8	22-1/2	27-1/2	2-13/16	6-15/16	13-3/8	17-7/8	5/8	12-3/16	14-1/2	10-3/8	2-3/8	20 x 27	
030	33	25-7/8	22-1/2	27-1/2	2-13/16	6-15/16	15-1/2	21-7/8	3/4	12-3/16	14-3/4	12-9/16	2-3/8	20 x 27	
036	34	31-7/8	22-1/2	27-1/2	2-13/16	6-15/16	21-1/2	27-7/8	3/4	12-3/16	14-3/4	14-1/16	2-3/8	20 x 27	
042	33	25-7/8	30	34-15/16	4	9-3/4	15-1/2	21-7/8	7/8	15-3/4	19	12-13/16	2-15/16	26 x 32	
048	37	31-7/8	30	34-15/16	4	9-3/4	21-1/2	27-7/8	7/8	15-3/4	19	14-1/16	2-15/16	26 x 32	
060	35	37-7/8	30	34-15/16	4	9-3/4	27-1/2	33-7/8	7/8	15-3/4	19	17-1/16	2-15/16	26 x 32	

Combination ratings

UNIT SIZE-SERIES	INDOOR UNIT	TOT. CAP. BTUH	FACTORY- SUPPLIED ENHANCE- MENT	SEER			EER
				STANDARD RATING	CARRIER GAS FURNACE OR ACCESSORY TDR†	ACCESSORY TXV‡	
018-33	*CC5A/CD5AA018	17,200	NONE	—	10.00	10.00	9.20
	CC5A/CD5AA024	17,800	NONE	—	10.00	10.00	9.40
	CC5A/CD5AW024	17,800	NONE	—	10.00	10.00	9.40
	CE3AA024	17,800	NONE	—	10.00	10.00	9.40
	CF5AA024	17,800	NONE	—	10.00	10.00	9.35
	CK3BA024	17,800	NONE	—	10.00	10.00	9.55
	CK5A/CK5BA018	17,200	NONE	—	10.00	10.00	9.30
	CK5A/CK5BA024	17,800	NONE	—	10.00	10.00	9.55
	CK5A/CK5BW024	17,800	NONE	—	10.00	10.00	9.55
	F(A,B)4BN(FC)018	17,200	TDR	10.00	—	10.00	9.25
	F(A,B)4BN(FC)024	17,800	TDR	10.50	—	10.50	9.60
	FC4CNF024	17,800	TDR&TXV	10.50	—	—	9.65
	FF1DNA018	17,200	TDR	10.00	—	10.00	9.50
	FF1DNA024	17,800	TDR	10.00	—	10.00	9.50
	FF1DNE018	17,200	TDR&TXV	10.00	—	—	9.50
	FF1DNE024	17,800	TDR&TXV	10.00	—	—	9.55
	FK4DNF001	18,000	TDR&TXV	11.50	—	—	10.65
	40FKB/FK4DNF002	18,400	TDR&TXV	11.50	—	—	10.80
	COILS + 58CV(A,X)070-12 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA018	17,000	TDR	10.50	—	10.50	10.05
	CC5A/CD5AA024	17,400	TDR	11.00	—	11.00	10.20
	CC5A/CD5AW024	17,400	TDR	11.00	—	11.00	10.25
	CE3AA024	17,400	TDR	11.00	—	11.00	10.25
	CK3BA024	17,400	TDR	11.00	—	11.00	10.45
	CK5A/CK5BA018	17,000	TDR	10.50	—	10.50	10.20
	CK5A/CK5BA024	17,400	TDR	11.00	—	11.00	10.40
	CK5A/CK5BW024	17,400	TDR	11.00	—	11.00	10.40
	COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA018	17,000	TDR	10.50	—	10.50	10.10
	CC5A/CD5AA024	17,400	TDR	11.00	—	11.00	10.25
	CC5A/CD5AW024	17,400	TDR	11.00	—	11.00	10.30
	CE3AA024	17,400	TDR	11.00	—	11.00	10.30
	CK3BA024	17,400	TDR	11.00	—	11.00	10.50
	CK5A/CK5BA018	17,000	TDR	10.50	—	10.50	10.20
	CK5A/CK5BA024	17,400	TDR	11.00	—	11.00	10.45
	CK5A/CK5BW024	17,400	TDR	11.00	—	11.00	10.45
	COILS + 58MVP040-14 VARIABLE-SPEED FURNACE						
	CE3AA024	17,400	TDR	11.00	—	11.00	10.30
	COILS + 58MVP060-14 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA018	17,000	TDR	10.50	—	10.50	10.05
	CC5A/CD5AA024	17,400	TDR	11.00	—	11.00	10.25
	CC5A/CD5AW024	17,400	TDR	11.00	—	11.00	10.30
	CE3AA024	17,400	TDR	11.00	—	11.00	10.30
	CK3BA024	17,400	TDR	11.00	—	11.00	10.50
	CK5A/CK5BA018	17,000	TDR	10.50	—	10.50	10.20
	CK5A/CK5BA024	17,400	TDR	11.00	—	11.00	10.45
	CK5A/CK5BW024	17,400	TDR	11.00	—	11.00	10.40
	COILS + 58MVP080-14 VARIABLE-SPEED FURNACE						
	CC5A/CD5AW024	17,400	TDR	11.00	—	11.00	10.30
	CE3AA024	17,400	TDR	11.00	—	11.00	10.25
	CK3BA024	17,400	TDR	11.00	—	11.00	10.50
	CK5A/CK5BW024	17,400	TDR	11.00	—	11.00	10.45
024-33	*CC5A/CD5AA024	23,000	NONE	—	10.00	10.00	8.95
	CC5A/CD5AA030	23,000	NONE	—	10.00	10.00	8.95
	CC5A/CD5AW024	23,000	NONE	—	10.00	10.00	8.95
	CC5A/CD5AW030	23,000	NONE	—	10.00	10.00	8.95
	CE3AA024	23,000	NONE	—	10.00	10.00	9.00
	CE3AA030	23,400	NONE	—	10.00	10.00	9.10
	CF5AA024	23,000	NONE	—	10.00	10.00	8.95
	CK3BA024	23,000	NONE	—	10.00	10.00	9.05
	CK3BA030	23,000	NONE	—	10.00	10.00	9.00
	CK5A/CK5BA024	23,000	NONE	—	10.00	10.00	9.05
	CK5A/CK5BA030	23,000	NONE	—	10.00	10.00	9.00
	CK5A/CK5BW024	23,000	NONE	—	10.00	10.00	9.05
	CK5A/CK5BW030	23,000	NONE	—	10.00	10.00	9.00
	F(A,B)4BN(FC)024	23,000	TDR	10.00	—	10.00	8.95
	F(A,B)4BN(FC)030	23,600	TDR	10.00	—	10.00	9.20
	FC4CNF024	23,000	TDR&TXV	10.00	—	—	8.95
	FC4CNF030	23,600	TDR&TXV	10.00	—	—	9.25
	FF1DNA024	23,000	TDR	10.00	—	10.00	8.95
	FF1DNA030	23,400	TDR	10.00	—	10.00	9.10
	FF1DNE024	23,000	TDR&TXV	10.00	—	—	8.95
	FF1DNE030	23,400	TDR&TXV	10.00	—	—	8.80
	FG3AAA024	22,000	NONE	—	10.00	10.00	8.90
	FK4DNF001	23,400	TDR&TXV	11.00	—	—	10.00
	40FKB/FK4DNF002	23,800	TDR&TXV	11.00	—	—	10.15
	40FKB/FK4DNF003	23,800	TDR&TXV	11.00	—	—	10.25
	COILS + 58CV(A,X)070-12 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA024	22,600	TDR	10.50	—	10.50	9.70
	CC5A/CD5AA030	22,600	TDR	11.00	—	11.00	9.80

See notes on page 18.

Combination ratings continued

UNIT SIZE-SERIES	INDOOR UNIT	TOT. CAP. BTUH	FACTORY- SUPPLIED ENHANCE- MENT	SEER			EER
				STANDARD RATING	CARRIER GAS FURNACE OR ACCESSORY TDR†	ACCESSORY TXV‡	
024-33	CC5A/CD5AW024	22,600	TDR	10.50	—	10.50	9.75
	CC5A/CD5AW030	22,600	TDR	11.00	—	11.00	9.80
	CE3AA024	22,600	TDR	10.50	—	10.50	9.75
	CE3AA030	23,000	TDR	11.00	—	11.00	9.90
	CK3BA024	22,600	TDR	10.50	—	10.50	9.90
	CK3BA030	22,600	TDR	11.00	—	11.00	9.90
	CK5A/CK5BA024	22,600	TDR	10.50	—	10.50	9.80
	CK5A/CK5BA030	22,600	TDR	11.00	—	11.00	9.80
	CK5A/CK5BW024	22,600	TDR	10.50	—	10.50	9.80
	CK5A/CK5BW030	22,600	TDR	11.00	—	11.00	9.85
	COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA024	22,600	TDR	10.50	—	10.50	9.75
	CC5A/CD5AA030	22,600	TDR	11.00	—	11.00	9.85
	CC5A/CD5AW024	22,600	TDR	10.50	—	10.50	9.80
	CC5A/CD5AW030	22,600	TDR	11.00	—	11.00	9.80
	CE3AA024	22,600	TDR	10.50	—	10.50	9.80
	CE3AA030	23,000	TDR	11.00	—	11.00	9.95
	CK3BA024	22,600	TDR	10.50	—	10.50	10.00
	CK3BA030	22,600	TDR	11.00	—	11.00	9.90
	CK5A/CK5BA024	22,600	TDR	10.50	—	10.50	9.90
	CK5A/CK5BA030	22,600	TDR	11.00	—	11.00	9.80
	CK5A/CK5BW024	22,600	TDR	10.50	—	10.50	9.90
	CK5A/CK5BW030	22,600	TDR	11.00	—	11.00	9.85
	COILS + 58CV(A,X)110-22 VARIABLE-SPEED FURNACE						
	CC5A/CD5AW024	22,600	TDR	10.50	—	10.50	9.75
	CC5A/CD5AW030	22,600	TDR	11.00	—	11.00	9.85
	CE3AA024	22,600	TDR	10.50	—	10.50	9.75
	CE3AA030	23,000	TDR	11.00	—	11.00	9.90
	CK3BA024	22,600	TDR	10.50	—	10.50	9.95
	CK3BA030	22,600	TDR	11.00	—	11.00	9.95
	CK5A/CK5BW024	22,600	TDR	10.50	—	10.50	9.85
	CK5A/CK5BW030	22,600	TDR	11.00	—	11.00	9.90
	COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE						
	CE3AA024	22,600	TDR	10.50	—	10.50	9.75
	CE3AA030	23,000	TDR	11.00	—	11.00	9.95
	COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE						
	CE3AA024	22,600	TDR	10.50	—	10.50	9.75
	CE3AA030	23,000	TDR	11.00	—	11.00	9.95
	COILS + 58MVP040-14 VARIABLE-SPEED FURNACE						
	CE3AA024	22,600	TDR	10.50	—	10.50	9.70
	CE3AA030	23,000	TDR	11.00	—	11.00	9.90
	COILS + 58MVP060-14 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA024	22,600	TDR	10.50	—	10.50	9.70
	CC5A/CD5AA030	22,600	TDR	11.00	—	11.00	9.80
	CC5A/CD5AW024	22,600	TDR	10.50	—	10.50	9.75
	CC5A/CD5AW030	22,600	TDR	11.00	—	11.00	9.80
	CE3AA024	22,600	TDR	10.50	—	10.50	9.75
	CE3AA030	23,000	TDR	11.00	—	11.00	9.90
	CK3BA024	22,600	TDR	10.50	—	10.50	9.95
	CK3BA030	22,600	TDR	11.00	—	11.00	9.90
	CK5A/CK5BA024	22,600	TDR	10.50	—	10.50	9.80
	CK5A/CK5BA030	22,600	TDR	11.00	—	11.00	9.85
	CK5A/CK5BW024	22,600	TDR	10.50	—	10.50	9.85
	CK5A/CK5BW030	22,600	TDR	11.00	—	11.00	9.85
	COILS + 58MVP080-14 VARIABLE-SPEED FURNACE						
	CC5A/CD5AW024	22,600	TDR	10.50	—	10.50	9.70
	CC5A/CD5AW030	22,600	TDR	11.00	—	11.00	9.80
	CE3AA024	22,600	TDR	10.50	—	10.50	9.35
	CE3AA030	23,000	TDR	11.00	—	11.00	9.90
	CK3BA024	22,600	TDR	10.50	—	10.50	9.80
	CK3BA030	22,600	TDR	11.00	—	11.00	9.90
	CK5A/CK5BW024	22,600	TDR	10.50	—	10.50	9.80
	CK5A/CK5BW030	22,600	TDR	11.00	—	11.00	9.85
	COILS + 58MVP080-20 VARIABLE-SPEED FURNACE						
	CC5A/CD5AW024	22,600	TDR	10.50	—	10.50	9.75
	CC5A/CD5AW030	22,600	TDR	11.00	—	11.00	9.80
	CE3AA024	22,600	TDR	10.50	—	10.50	9.70
	CE3AA030	23,000	TDR	11.00	—	11.00	9.80
	CK3BA024	22,600	TDR	10.50	—	10.50	9.95
	CK3BA030	22,600	TDR	11.00	—	11.00	9.90
	CK5A/CK5BW024	22,600	TDR	10.50	—	10.50	9.80
	CK5A/CK5BW030	22,600	TDR	11.00	—	11.00	9.85
	COILS + 58MVP100-20 VARIABLE-SPEED FURNACE						
	CC5A/CD5AW024	22,600	TDR	10.50	—	10.50	9.75
	CC5A/CD5AW030	22,600	TDR	11.00	—	11.00	9.80
	CE3AA024	22,600	TDR	10.50	—	10.50	9.75

See notes on page 18.

Combination ratings continued

UNIT SIZE-SERIES	INDOOR UNIT	TOT. CAP. BTUH	FACTORY- SUPPLIED ENHANCE- MENT	SEER			EER
				STANDARD RATING	CARRIER GAS FURNACE OR ACCESSORY TDR†	ACCESSORY TXV‡	
024-33	CE3AA030	23,000	TDR	11.00	—	11.00	9.90
	CK3BA024	22,600	TDR	10.50	—	10.50	9.95
	CK3BA030	22,600	TDR	11.00	—	11.00	9.85
	CK5A/CK5BW024	22,600	TDR	10.50	—	10.50	9.85
	CK5A/CK5BW030	22,600	TDR	11.00	—	11.00	9.85
	COILS + 58MVP120-20 VARIABLE-SPEED FURNACE						
	CE3AA024	22,600	TDR	10.50	—	10.50	9.70
	CE3AA030	23,000	TDR	11.00	—	11.00	9.90
	*CC5A/CD5AA030	28,600	NONE	—	10.00	10.00	9.15
	CC5A/CD5AA036	29,400	NONE	—	10.50	10.50	9.40
030-33	CC5A/CD5AW030	28,600	NONE	—	10.00	10.00	9.15
	CC5A/CD5AW036	29,400	NONE	—	10.50	10.50	9.40
	CE3AA030	28,600	NONE	—	10.00	10.00	9.25
	CE3AA036	29,200	NONE	—	10.00	10.00	9.30
	CF5AA036	29,400	NONE	—	10.00	10.00	9.35
	CK3BA030	28,600	NONE	—	10.00	10.00	9.20
	CK3BA036	29,400	NONE	—	10.50	10.50	9.40
	CK5A/CK5BA030	28,600	NONE	—	10.00	10.00	9.20
	CK5A/CK5BA036	29,400	NONE	—	10.50	10.50	9.40
	CK5A/CK5BT036	29,400	NONE	—	10.50	10.50	9.40
	CK5A/CK5BW030	28,600	NONE	—	10.00	10.00	9.20
	CK5A/CK5BW036	29,600	NONE	—	10.50	10.50	9.40
	F(A,B)4BN(FC)030	28,600	TDR	10.00	—	10.00	9.35
	F(A,B)4BN(FC)036	29,000	TDR	10.00	—	10.00	9.20
	FC4CNF030	28,600	TDR&TXV	10.00	—	—	9.35
	FC4CNF036	29,000	TDR&TXV	10.00	—	—	9.20
	FF1DNA030	29,000	TDR	10.00	—	10.00	9.25
	FF1DNE030	29,000	TDR&TXV	10.00	—	—	9.25
	FK4DNF001	29,000	TDR&TXV	11.00	—	—	10.05
	40FKB/FK4DNF002	29,200	TDR&TXV	11.00	—	—	10.20
	40FKB/FK4DNF003	29,400	TDR&TXV	11.00	—	—	10.40
	40FKB/FK4DNF005	30,000	TDR&TXV	11.50	—	—	10.65
	COILS + 58CV(A,X)070-14 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA030	28,000	TDR	10.50	—	10.50	9.80
	CC5A/CD5AA036	29,000	TDR	11.00	—	11.00	10.05
	CC5A/CD5AW030	28,000	TDR	10.50	—	10.50	9.80
	CE3AA030	28,000	TDR	10.50	—	10.50	9.90
	CE3AA036	28,800	TDR	11.00	—	11.00	9.95
	CK3BA030	28,000	TDR	10.50	—	10.50	9.90
	CK3BA036	29,000	TDR	11.00	—	11.00	10.05
	CK5A/CK5BA030	28,000	TDR	10.50	—	10.50	9.80
	CK5A/CK5BA036	29,000	TDR	11.00	—	11.00	10.05
	CK5A/CK5BT036	29,000	TDR	11.00	—	11.00	10.05
	CK5A/CK5BW030	28,000	TDR	10.50	—	10.50	9.85
	COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA030	28,000	TDR	10.50	—	10.50	9.90
	CC5A/CD5AA036	29,000	TDR	11.00	—	11.00	10.20
	CC5A/CD5AW030	28,000	TDR	10.50	—	10.50	9.90
	CC5A/CD5AW036	29,000	TDR	11.00	—	11.00	10.20
	CE3AA030	28,000	TDR	10.50	—	10.50	10.00
	CE3AA036	28,800	TDR	11.00	—	11.00	10.10
	CK3BA030	28,000	TDR	10.50	—	10.50	10.05
	CK3BA036	29,000	TDR	11.00	—	11.00	10.20
	CK5A/CK5BA030	28,000	TDR	10.50	—	10.50	9.90
	CK5A/CK5BA036	29,000	TDR	11.00	—	11.00	10.20
	CK5A/CK5BT036	29,000	TDR	11.00	—	11.00	10.20
	CK5A/CK5BW030	28,000	TDR	10.50	—	10.50	10.00
	CK5A/CK5BW036	29,000	TDR	11.00	—	11.00	10.25
	COILS + 58CV(A,X)110-22 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA036	29,000	TDR	11.00	—	11.00	10.20
	CC5A/CD5AW030	28,000	TDR	10.50	—	10.50	9.95
	CC5A/CD5AW036	29,000	TDR	11.00	—	11.00	10.25
	CE3AA030	28,000	TDR	10.50	—	10.50	10.05
	CE3AA036	28,800	TDR	11.00	—	11.00	10.10
	CK3BA030	28,000	TDR	10.50	—	10.50	10.05
	CK3BA036	29,000	TDR	11.00	—	11.00	10.25
	CK5A/CK5BA036	29,000	TDR	11.00	—	11.00	10.25
	CK5A/CK5BT036	29,000	TDR	11.00	—	11.00	10.25
	CK5A/CK5BW030	28,000	TDR	10.50	—	10.50	10.00
	CK5A/CK5BW036	29,000	TDR	11.00	—	11.00	10.25
	COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE						
	CC5A/CD5AW036	29,000	TDR	11.00	—	11.00	10.25
	CE3AA030	28,000	TDR	10.50	—	10.50	10.05
	CE3AA036	28,800	TDR	11.00	—	11.00	10.10
	CK5A/CK5BW036	29,000	TDR	11.00	—	11.00	10.25
	COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE						
	CC5A/CD5AW036	29,000	TDR	11.00	—	11.00	10.25
	CE3AA030	28,000	TDR	10.50	—	10.50	10.05
	CE3AA036	28,800	TDR	11.00	—	11.00	10.10
	CK5A/CK5BW036	29,000	TDR	11.00	—	11.00	10.25

See notes on pg. 18.

Combination ratings continued

UNIT SIZE-SERIES	INDOOR UNIT	TOT. CAP. BTUH	FACTORY- SUPPLIED ENHANCE- MENT	SEER			EER
				STANDARD RATING	CARRIER GAS FURNACE OR ACCESSORY TDR†	ACCESSORY TXV‡	
030-33	COILS + 58MVP040-14 VARIABLE-SPEED FURNACE						
	CC5A/CD5AW036	29,000	TDR	11.00	—	11.00	10.10
	CE3AA030	28,000	TDR	10.50	—	10.50	9.90
	CE3AA036	28,800	TDR	11.00	—	11.00	9.95
	CK5A/CK5BW036	29,000	TDR	11.00	—	11.00	10.10
	COILS + 58MVP060-14 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA030	28,000	TDR	10.50	—	10.50	9.80
	CC5A/CD5AA036	29,000	TDR	11.00	—	11.00	10.10
	CC5A/CD5AW030	28,000	TDR	10.50	—	10.50	9.80
	CC5A/CD5AW036	29,000	TDR	11.00	—	11.00	10.15
	CE3AA030	28,000	TDR	10.50	—	10.50	9.90
	CE3AA036	28,800	TDR	11.00	—	11.00	10.00
	CK3BA030	28,000	TDR	10.50	—	10.50	9.95
	CK3BA036	29,000	TDR	11.00	—	11.00	10.10
	CK5A/CK5BA030	28,000	TDR	10.50	—	10.50	9.80
	CK5A/CK5BA036	29,000	TDR	11.00	—	11.00	10.10
	CK5A/CK5BT036	29,000	TDR	11.00	—	11.00	10.10
	CK5A/CK5BW030	28,000	TDR	10.50	—	10.50	9.90
	CK5A/CK5BW036	29,000	TDR	11.00	—	11.00	10.15
	COILS + 58MVP080-14 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA036	29,000	TDR	11.00	—	11.00	10.10
	CC5A/CD5AW030	28,000	TDR	10.50	—	10.50	9.80
	CC5A/CD5AW036	29,000	TDR	11.00	—	11.00	10.10
	CE3AA030	28,000	TDR	10.50	—	10.50	9.90
	CE3AA036	28,800	TDR	11.00	—	11.00	9.95
	CK3BA030	28,000	TDR	10.50	—	10.50	9.90
	CK3BA036	29,000	TDR	11.00	—	11.00	10.10
	CK5A/CK5BA036	29,000	TDR	11.00	—	11.00	10.10
	CK5A/CK5BT036	29,000	TDR	11.00	—	11.00	10.10
	CK5A/CK5BW030	28,000	TDR	10.50	—	10.50	9.85
	CK5A/CK5BW036	29,000	TDR	11.00	—	11.00	10.10
	COILS + 58MVP080-20 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA036	29,000	TDR	11.00	—	11.00	10.10
	CC5A/CD5AW030	28,000	TDR	10.50	—	10.50	9.85
	CC5A/CD5AW036	29,000	TDR	11.00	—	11.00	10.10
	CE3AA030	28,000	TDR	10.50	—	10.50	9.90
	CE3AA036	28,800	TDR	11.00	—	11.00	10.00
	CK3BA030	28,000	TDR	10.50	—	10.50	9.90
	CK3BA036	29,000	TDR	11.00	—	11.00	10.10
	CK5A/CK5BA036	29,000	TDR	11.00	—	11.00	10.10
	CK5A/CK5BT036	29,000	TDR	11.00	—	11.00	10.10
	CK5A/CK5BW030	28,000	TDR	10.50	—	10.50	9.90
	CK5A/CK5BW036	29,000	TDR	11.00	—	11.00	10.15
	COILS + 58MVP100-20 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA036	29,000	TDR	11.00	—	11.00	10.15
	CC5A/CD5AW030	28,000	TDR	10.50	—	10.50	9.85
	CC5A/CD5AW036	29,000	TDR	11.00	—	11.00	10.15
	CE3AA030	28,000	TDR	10.50	—	10.50	9.95
	CE3AA036	28,800	TDR	11.00	—	11.00	10.05
	CK3BA030	28,000	TDR	10.50	—	10.50	9.95
	CK3BA036	29,000	TDR	11.00	—	11.00	10.15
	CK5A/CK5BA036	29,000	TDR	11.00	—	11.00	10.15
	CK5A/CK5BT036	29,000	TDR	11.00	—	11.00	10.15
	CK5A/CK5BW030	28,000	TDR	10.50	—	10.50	9.95
	CK5A/CK5BW036	29,000	TDR	11.00	—	11.00	10.15
	COILS + 58MVP120-20 VARIABLE-SPEED FURNACE						
	CC5A/CD5AW036	29,000	TDR	11.00	—	11.00	10.15
	CE3AA030	28,000	TDR	10.50	—	10.50	10.00
	CE3AA036	28,800	TDR	11.00	—	11.00	10.05
	CK5A/CK5BW036	29,000	TDR	11.00	—	11.00	10.20
036-34	*CC5A/CD5AA036	34,600	NONE	—	10.00	10.00	9.15
	CC5A/CD5AA042	34,600	NONE	—	10.00	10.00	9.15
	CC5A/CD5AW036	34,600	NONE	—	10.00	10.00	9.15
	CC5A/CD5AW042	34,000	NONE	—	10.00	10.00	9.05
	CE3AA036	34,000	NONE	—	10.00	10.00	9.05
	CE3AA042	34,600	NONE	—	10.00	10.00	9.20
	CF5AA036	34,400	NONE	—	10.00	10.00	9.10
	CK3BA036	34,600	NONE	—	10.00	10.00	9.15
	CK3BA042	34,600	NONE	—	10.00	10.00	9.15
	CK5A/CK5BA036	34,600	NONE	—	10.00	10.00	9.15
	CK5A/CK5BA042	34,600	NONE	—	10.00	10.00	9.15
	CK5A/CK5BE042	34,600	NONE	—	10.00	10.00	9.20
	CK5A/CK5BT036	34,600	NONE	—	10.00	10.00	9.15
	CK5A/CK5BT042	34,600	NONE	—	10.00	10.00	9.15
	CK5A/CK5BW036	34,600	NONE	—	10.00	10.00	9.15
	F(A,B)4BN(F,B,C)042	34,600	TDR	10.00	—	10.00	9.10
	F(A,B)4BN(F,C)036	34,000	TDR	10.00	—	10.00	8.90
	FC4CN(F,B)042	34,600	TDR&TXV	10.00	—	—	9.10
	FC4CNF036	34,000	TDR&TXV	10.00	—	—	8.90
	FG3AAA036	33,600	NONE	—	10.00	10.00	9.00

See notes on page 18.

Combination ratings continued

UNIT SIZE-SERIES	INDOOR UNIT	TOT. CAP. BTUH	FACTORY- SUPPLIED ENHANCE- MENT	SEER			EER
				STANDARD RATING	CARRIER GAS FURNACE OR ACCESSORY TDR†	ACCESSORY TXV‡	
036-34	FK4DNF001	34,000	TDR&TXV	10.50	—	—	9.60
	40FKB/FK4DNB006	36,000	TDR&TXV	11.50	—	—	10.45
	40FKB/FK4DNF002	34,000	TDR&TXV	11.00	—	—	9.70
	40FKB/FK4DNF003	34,600	TDR&TXV	11.00	—	—	10.00
	40FKB/FK4DNF005	35,000	TDR&TXV	11.50	—	—	10.30
	COILS + 58CV(A,X)070-12 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA036	33,800	TDR	11.00	—	11.00	9.60
	CE3AA036	33,200	TDR	10.50	—	10.50	9.50
	CE3AA042	34,000	TDR	11.00	—	11.00	9.70
	CK3BA036	33,800	TDR	11.00	—	11.00	9.65
	CK5A/CK5BA036	33,800	TDR	11.00	—	11.00	9.65
	CK5A/CK5BE042	33,800	TDR	11.00	—	11.00	9.70
	CK5A/CK5BT036	33,800	TDR	11.00	—	11.00	9.65
	COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA036	33,800	TDR	11.00	—	11.00	9.75
	CC5A/CD5AA042	33,800	TDR	11.00	—	11.00	9.80
	CC5A/CD5AW036	33,800	TDR	11.00	—	11.00	9.80
	CE3AA036	33,200	TDR	10.50	—	10.50	9.65
	CE3AA042	34,000	TDR	11.00	—	11.00	9.85
	CK3BA036	33,800	TDR	11.00	—	11.00	9.80
	CK3BA042	33,800	TDR	11.00	—	11.00	9.80
	CK5A/CK5BA036	33,800	TDR	11.00	—	11.00	9.75
	CK5A/CK5BA042	33,800	TDR	11.00	—	11.00	9.80
	CK5A/CK5BE042	33,800	TDR	11.00	—	11.00	9.85
	CK5A/CK5BT036	33,800	TDR	11.00	—	11.00	9.75
	CK5A/CK5BT042	33,800	TDR	11.00	—	11.00	9.80
	CK5A/CK5BW036	33,800	TDR	11.00	—	11.00	9.80
	COILS + 58CV(A,X)110-22 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA036	33,800	TDR	11.00	—	11.00	9.80
	CC5A/CD5AA042	33,800	TDR	11.00	—	11.00	9.90
	CC5A/CD5AW036	33,800	TDR	11.00	—	11.00	9.85
	CC5A/CD5AW042	33,200	TDR	11.00	—	11.00	9.80
	CE3AA036	33,200	TDR	10.50	—	10.50	9.70
	CK3BA036	33,800	TDR	11.00	—	11.00	9.85
	CK3BA042	33,800	TDR	11.00	—	11.00	9.85
	CK5A/CK5BA036	33,800	TDR	11.00	—	11.00	9.85
	CK5A/CK5BA042	33,800	TDR	11.00	—	11.00	9.90
	CK5A/CK5BE042	33,800	TDR	11.00	—	11.00	9.95
	CK5A/CK5BT036	33,800	TDR	11.00	—	11.00	9.85
	CK5A/CK5BT042	33,800	TDR	11.00	—	11.00	9.90
	CK5A/CK5BW036	33,800	TDR	11.00	—	11.00	9.90
	COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA042	33,800	TDR	11.00	—	11.00	9.85
	CC5A/CD5AW036	33,800	TDR	11.00	—	11.00	9.85
	CC5A/CD5AW042	33,200	TDR	11.00	—	11.00	9.80
	CK3BA042	33,800	TDR	11.00	—	11.00	9.85
	CK5A/CK5BA042	33,800	TDR	11.00	—	11.00	9.85
	CK5A/CK5BT042	33,800	TDR	11.00	—	11.00	9.85
	CK5A/CK5BW036	33,800	TDR	11.00	—	11.00	9.85
	COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA042	33,800	TDR	11.00	—	11.00	9.95
	CC5A/CD5AW036	33,800	TDR	11.00	—	11.00	9.95
	CC5A/CD5AW042	33,200	TDR	11.00	—	11.00	9.90
	CK3BA042	33,800	TDR	11.00	—	11.00	9.95
	CK5A/CK5BA042	33,800	TDR	11.00	—	11.00	9.95
	CK5A/CK5BT042	33,800	TDR	11.00	—	11.00	9.95
	CK5A/CK5BW036	33,800	TDR	11.00	—	11.00	9.90
	COILS + 58MVP040-14 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA042	33,800	TDR	11.00	—	11.00	9.65
	CC5A/CD5AW036	33,800	TDR	11.00	—	11.00	9.60
	CC5A/CD5AW042	33,200	TDR	10.50	—	10.50	9.60
	CE3AA036	33,200	TDR	10.50	—	10.50	9.50
	CE3AA042	34,000	TDR	10.50	—	10.50	9.65
	CK3BA042	33,800	TDR	11.00	—	11.00	9.65
	CK5A/CK5BA042	33,800	TDR	11.00	—	11.00	9.65
	CK5A/CK5BT042	33,800	TDR	11.00	—	11.00	9.65
	CK5A/CK5BW036	33,800	TDR	11.00	—	11.00	9.65
	COILS + 58MVP060-14 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA036	33,800	TDR	11.00	—	11.00	9.70
	CC5A/CD5AA042	33,800	TDR	11.00	—	11.00	9.75
	CC5A/CD5AW036	33,800	TDR	11.00	—	11.00	9.75
	CE3AA036	33,200	TDR	10.50	—	10.50	9.60
	CE3AA042	34,000	TDR	11.00	—	11.00	9.80
	CK3BA036	33,800	TDR	11.00	—	11.00	9.70
	CK3BA042	33,800	TDR	11.00	—	11.00	9.75
	CK5A/CK5BA036	33,800	TDR	11.00	—	11.00	9.70
	CK5A/CK5BA042	33,800	TDR	11.00	—	11.00	9.75
	CK5A/CK5BE042	33,800	TDR	11.00	—	11.00	9.80

See notes on pg. 18.

Combination ratings continued

UNIT SIZE-SERIES	INDOOR UNIT	TOT. CAP. BTUH	FACTORY- SUPPLIED ENHANCE- MENT	SEER			EER
				STANDARD RATING	CARRIER GAS FURNACE OR ACCESSORY TDR†	ACCESSORY TXV‡	
036-34	CK5A/CK5BT036	33,800	TDR	11.00	—	11.00	9.70
	CK5A/CK5BT042	33,800	TDR	11.00	—	11.00	9.75
	CK5A/CK5BW036	33,800	TDR	11.00	—	11.00	9.75
	COILS + 58MVP080-14 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA036	33,800	TDR	10.50	—	10.50	9.55
	CC5A/CD5AA042	33,800	TDR	10.50	—	10.50	9.60
	CC5A/CD5AW036	33,800	TDR	10.50	—	10.50	9.60
	CC5A/CD5AW042	33,200	TDR	10.50	—	10.50	9.55
	CE3AA036	33,200	TDR	10.50	—	10.50	9.45
	CE3AA042	34,000	TDR	11.00	—	11.00	9.65
	CK3BA036	33,800	TDR	10.50	—	10.50	9.55
	CK3BA042	33,800	TDR	10.50	—	10.50	9.60
	CK5A/CK5BA036	33,800	TDR	10.50	—	10.50	9.55
	CK5A/CK5BA042	33,800	TDR	10.50	—	10.50	9.60
	CK5A/CK5BE042	33,800	TDR	10.50	—	10.50	9.65
	CK5A/CK5BT036	33,800	TDR	10.50	—	10.50	9.55
	CK5A/CK5BT042	33,800	TDR	10.50	—	10.50	9.60
	CK5A/CK5BW036	33,800	TDR	10.50	—	10.50	9.60
	COILS + 58MVP080-20 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA036	33,800	TDR	11.00	—	11.00	9.70
	CC5A/CD5AA042	33,800	TDR	11.00	—	11.00	9.75
	CC5A/CD5AW036	33,800	TDR	11.00	—	11.00	9.70
	CC5A/CD5AW042	33,200	TDR	10.50	—	10.50	9.65
	CE3AA036	33,200	TDR	10.50	—	10.50	9.60
	CE3AA042	34,000	TDR	11.00	—	11.00	9.75
	CK3BA036	33,800	TDR	11.00	—	11.00	9.70
	CK3BA042	33,800	TDR	11.00	—	11.00	9.75
	CK5A/CK5BA036	33,800	TDR	11.00	—	11.00	9.70
	CK5A/CK5BA042	33,800	TDR	11.00	—	11.00	9.70
	CK5A/CK5BE042	33,800	TDR	11.00	—	11.00	9.80
	CK5A/CK5BT036	33,800	TDR	11.00	—	11.00	9.70
	CK5A/CK5BT042	33,800	TDR	11.00	—	11.00	9.70
	CK5A/CK5BW036	33,800	TDR	11.00	—	11.00	9.70
	COILS + 58MVP100-20 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA036	33,800	TDR	11.00	—	11.00	9.70
	CC5A/CD5AA042	33,800	TDR	11.00	—	11.00	9.75
	CC5A/CD5AW036	33,800	TDR	11.00	—	11.00	9.75
	CC5A/CD5AW042	33,200	TDR	10.50	—	10.50	9.70
	CE3AA036	33,200	TDR	10.50	—	10.50	9.60
	CE3AA042	34,000	TDR	11.00	—	11.00	9.80
	CK3BA036	33,800	TDR	11.00	—	11.00	9.70
	CK3BA042	33,800	TDR	11.00	—	11.00	9.75
	CK5A/CK5BA036	33,800	TDR	11.00	—	11.00	9.70
	CK5A/CK5BA042	33,800	TDR	11.00	—	11.00	9.75
	CK5A/CK5BE042	33,800	TDR	11.00	—	11.00	9.80
	CK5A/CK5BT036	33,800	TDR	11.00	—	11.00	9.70
	CK5A/CK5BT042	33,800	TDR	11.00	—	11.00	9.75
	CK5A/CK5BW036	33,800	TDR	11.00	—	11.00	9.75
	COILS + 58MVP120-20 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA042	33,800	TDR	11.00	—	11.00	9.80
	CC5A/CD5AW036	33,800	TDR	11.00	—	11.00	9.75
	CC5A/CD5AW042	33,200	TDR	10.50	—	10.50	9.75
	CE3AA036	33,200	TDR	10.50	—	10.50	9.65
	CE3AA042	34,000	TDR	11.00	—	11.00	9.80
	CK3BA042	33,800	TDR	11.00	—	11.00	9.75
	CK5A/CK5BA042	33,800	TDR	11.00	—	11.00	9.80
	CK5A/CK5BT042	33,800	TDR	11.00	—	11.00	9.80
	CK5A/CK5BW036	33,800	TDR	11.00	—	11.00	9.80
042-33	*CC5A/CD5AA042	40,000	NONE	—	10.00	10.00	9.25
	CC5A/CD5AC048	39,500	NONE	—	10.00	10.00	9.15
	CC5A/CD5AW042	39,500	NONE	—	10.00	10.00	9.15
	CC5A/CD5AW048	40,000	NONE	—	10.00	10.00	9.25
	CD5AA048	40,000	NONE	—	10.00	10.00	9.25
	CE3AA042	40,000	NONE	—	10.00	10.00	9.30
	CE3AA048	40,500	NONE	—	10.00	10.00	9.30
	CF5AA048	40,000	NONE	—	10.00	10.00	9.25
	CK3BA042	40,000	NONE	—	10.00	10.00	9.25
	CK3BA048	40,500	NONE	—	10.00	10.00	9.30
	CK5A/CK5BA042	40,000	NONE	—	10.00	10.00	9.25
	CK5A/CK5BA048	40,500	NONE	—	10.00	10.00	9.30
	CK5A/CK5BE042	40,000	NONE	—	10.00	10.00	10.75
	CK5A/CK5BT042	40,000	NONE	—	10.00	10.00	9.25
	CK5A/CK5BT048	40,500	NONE	—	10.00	10.00	9.30
	CK5A/CK5BW048	40,500	NONE	—	10.00	10.00	9.30
	F(A,B)4BN(F,B,C)042	40,000	TDR	10.00	—	10.00	9.15
	F(A,B)4BN(F,B,C)048	40,500	TDR	10.00	—	10.00	9.25
	FC4CN(F,B)042	40,000	TDR&TXV	10.00	—	—	9.15
	FC4CN(F,B)048	40,500	TDR&TXV	10.00	—	—	9.25
	FC4CNB054	41,500	TDR&TXV	10.50	—	—	9.75
	40FKB/FK4DNB006	42,000	TDR&TXV	11.50	—	—	10.50
	40FKB/FK4DNF003	40,000	TDR&TXV	11.00	—	—	9.95

See notes on pg. 18.

Combination ratings continued

UNIT SIZE-SERIES	INDOOR UNIT	TOT. CAP. BTUH	FACTORY- SUPPLIED ENHANCE- MENT	SEER			EER
				STANDARD RATING	CARRIER GAS FURNACE OR ACCESSORY TDR†	ACCESSORY TXV‡	
042-33	40FKB/FK4DNF005	41,000	TDR&TXV	11.00	—	—	10.20
	COILS + 58CV(A,X)070-12 VARIABLE-SPEED FURNACE						
	CE3AA042	39,000	TDR	10.50	—	10.50	9.60
	CE3AA048	39,500	TDR	10.50	—	10.50	9.65
	CK5A/CK5BE042	39,000	TDR	10.50	—	10.50	9.60
	COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA042	39,000	TDR	10.50	—	10.50	9.80
	CC5A/CD5AC048	38,500	TDR	10.50	—	10.50	9.70
	CD5AA048	39,000	TDR	11.00	—	11.00	9.85
	CE3AA042	39,000	TDR	11.00	—	11.00	9.80
	CE3AA048	39,500	TDR	11.00	—	11.00	9.85
	CK3BA042	39,000	TDR	10.50	—	10.50	9.75
	CK3BA048	39,500	TDR	11.00	—	11.00	9.90
	CK5A/CK5BA042	39,000	TDR	10.50	—	10.50	9.75
	CK5A/CK5BA048	39,500	TDR	11.00	—	11.00	9.90
	CK5A/CK5BE042	39,000	TDR	11.00	—	11.00	9.80
	CK5A/CK5BT042	39,000	TDR	10.50	—	10.50	9.75
	CK5A/CK5BT048	39,500	TDR	11.00	—	11.00	9.90
	COILS + 58CV(A,X)110-22 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA042	39,000	TDR	10.50	—	10.50	9.85
	CC5A/CD5AC048	38,500	TDR	10.50	—	10.50	9.75
	CC5A/CD5AW042	38,500	TDR	10.50	—	10.50	9.80
	CC5A/CD5AW048	39,000	TDR	11.00	—	11.00	9.95
	CD5AA048	39,000	TDR	11.00	—	11.00	9.90
	CE3AA042	39,000	TDR	11.00	—	11.00	9.90
	CE3AA048	39,500	TDR	11.00	—	11.00	9.95
	CK3BA042	39,000	TDR	11.00	—	11.00	9.85
	CK3BA048	39,500	TDR	11.00	—	11.00	9.95
	CK5A/CK5BA042	39,000	TDR	11.00	—	11.00	9.85
	CK5A/CK5BA048	39,500	TDR	11.00	—	11.00	9.95
	CK5A/CK5BE042	39,000	TDR	11.00	—	11.00	9.90
	CK5A/CK5BT042	39,000	TDR	11.00	—	11.00	9.85
	CK5A/CK5BT048	39,500	TDR	11.00	—	11.00	9.95
	CK5A/CK5BW048	39,500	TDR	11.00	—	11.00	10.00
	COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA042	39,000	TDR	10.50	—	10.50	9.90
	CC5A/CD5AC048	38,500	TDR	10.50	—	10.50	9.80
	CC5A/CD5AW042	38,500	TDR	10.50	—	10.50	9.85
	CC5A/CD5AW048	39,000	TDR	11.00	—	11.00	10.00
	CD5AA048	39,000	TDR	11.00	—	11.00	9.95
	CE3AA042	39,000	TDR	11.00	—	11.00	9.95
	CE3AA048	39,500	TDR	11.00	—	11.00	9.95
	CK3BA042	39,000	TDR	11.00	—	11.00	9.85
	CK3BA048	39,500	TDR	11.00	—	11.00	10.00
	CK5A/CK5BA042	39,000	TDR	11.00	—	11.00	9.85
	CK5A/CK5BA048	39,500	TDR	11.00	—	11.00	10.00
	CK5A/CK5BT042	39,000	TDR	11.00	—	11.00	9.85
	CK5A/CK5BT048	39,500	TDR	11.00	—	11.00	10.00
	CK5A/CK5BW048	39,500	TDR	11.00	—	11.00	10.05
	COILS + 58MVP040-14 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA042	39,000	TDR	10.50	—	10.50	9.60
	CC5A/CD5AC048	38,500	TDR	10.50	—	10.50	9.50
	CC5A/CD5AW042	38,500	TDR	10.50	—	10.50	9.55
	CC5A/CD5AW048	39,000	TDR	10.50	—	10.50	9.65
	CD5AA048	39,000	TDR	10.50	—	10.50	9.65
	CE3AA042	39,000	TDR	10.50	—	10.50	9.60
	CE3AA048	39,500	TDR	10.50	—	10.50	9.65
	CK3BA042	39,000	TDR	10.50	—	10.50	9.60
	CK3BA048	39,500	TDR	10.50	—	10.50	9.70
	CK5A/CK5BA042	39,000	TDR	10.50	—	10.50	9.55
	CK5A/CK5BA048	39,500	TDR	10.50	—	10.50	9.70
	CK5A/CK5BT042	39,000	TDR	10.50	—	10.50	9.55
	CK5A/CK5BT048	39,500	TDR	10.50	—	10.50	9.70
	CK5A/CK5BW048	39,500	TDR	10.50	—	10.50	9.75
	COILS + 58MVP060-14 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA042	39,000	TDR	10.50	—	10.50	9.70
	CC5A/CD5AC048	38,500	TDR	10.50	—	10.50	9.60
	CD5AA048	39,000	TDR	10.50	—	10.50	9.75
	CE3AA042	39,000	TDR	10.50	—	10.50	9.75
	CE3AA048	39,500	TDR	10.50	—	10.50	9.75
	CK3BA042	39,000	TDR	10.50	—	10.50	9.65
	CK3BA048	39,500	TDR	10.50	—	10.50	9.80
	CK5A/CK5BA042	39,000	TDR	10.50	—	10.50	9.65
	CK5A/CK5BA048	39,500	TDR	10.50	—	10.50	9.80
	CK5A/CK5BE042	39,000	TDR	10.50	—	10.50	9.70
	CK5A/CK5BT042	39,000	TDR	10.50	—	10.50	9.65
	CK5A/CK5BT048	39,500	TDR	10.50	—	10.50	9.80
	COILS + 58MVP080-14 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA042	39,000	TDR	10.50	—	10.50	9.55
	CC5A/CD5AC048	38,500	TDR	10.50	—	10.50	9.45
	CC5A/CD5AW042	38,500	TDR	10.50	—	10.50	9.50

Combination ratings continued

UNIT SIZE-SERIES	INDOOR UNIT	TOT. CAP. BTUH	FACTORY- SUPPLIED ENHANCE- MENT	SEER			EER
				STANDARD RATING	CARRIER GAS FURNACE OR ACCESSORY TDR†	ACCESSORY TXV‡	
042-33	CC5A/CD5AW048	39,000	TDR	10.50	—	10.50	9.65
	CD5AA048	39,000	TDR	10.50	—	10.50	9.60
	CE3AA042	39,000	TDR	10.50	—	10.50	9.60
	CE3AA048	39,500	TDR	10.50	—	10.50	9.65
	CK3BA042	39,000	TDR	10.50	—	10.50	9.55
	CK3BA048	39,500	TDR	10.50	—	10.50	9.65
	CK5A/CK5BA042	39,000	TDR	10.50	—	10.50	9.55
	CK5A/CK5BA048	39,500	TDR	10.50	—	10.50	9.65
	CK5A/CK5BE042	39,000	TDR	10.50	—	10.50	9.55
	CK5A/CK5BT042	39,000	TDR	10.50	—	10.50	9.55
	CK5A/CK5BT048	39,500	TDR	10.50	—	10.50	9.65
	CK5A/CK5BW048	39,500	TDR	10.50	—	10.50	9.70
	COILS + 58MVP080-20 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA042	39,000	TDR	10.50	—	10.50	9.65
	CC5A/CD5AC048	38,500	TDR	10.50	—	10.50	9.55
	CC5A/CD5AW042	38,500	TDR	10.50	—	10.50	9.60
	CC5A/CD5AW048	39,000	TDR	10.50	—	10.50	9.70
	CD5AA048	39,000	TDR	10.50	—	10.50	9.70
	CE3AA042	39,000	TDR	10.50	—	10.50	9.70
	CE3AA048	39,500	TDR	10.50	—	10.50	9.75
	CK3BA042	39,000	TDR	10.50	—	10.50	9.65
	CK3BA048	39,500	TDR	10.50	—	10.50	9.75
	CK5A/CK5BA042	39,000	TDR	10.50	—	10.50	11.35
	CK5A/CK5BA048	39,500	TDR	10.50	—	10.50	9.75
	CK5A/CK5BE042	39,000	TDR	10.50	—	10.50	9.70
	CK5A/CK5BT042	39,000	TDR	10.50	—	10.50	9.65
	CK5A/CK5BT048	39,500	TDR	10.50	—	10.50	9.75
	CK5A/CK5BW048	39,500	TDR	10.50	—	10.50	9.80
	COILS + 58MVP100-20 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA042	39,000	TDR	10.50	—	10.50	9.70
	CC5A/CD5AC048	38,500	TDR	10.50	—	10.50	9.65
	CC5A/CD5AW042	38,500	TDR	10.50	—	10.50	9.70
	CC5A/CD5AW048	39,000	TDR	10.50	—	10.50	9.80
	CD5AA048	39,000	TDR	10.50	—	10.50	9.80
	CE3AA042	39,000	TDR	10.50	—	10.50	9.75
	CE3AA048	39,500	TDR	10.50	—	10.50	9.80
	CK3BA042	39,000	TDR	10.50	—	10.50	9.70
	CK3BA048	39,500	TDR	10.50	—	10.50	9.85
	CK5A/CK5BA042	39,000	TDR	10.50	—	10.50	9.70
	CK5A/CK5BA048	39,500	TDR	10.50	—	10.50	9.80
	CK5A/CK5BE042	39,000	TDR	10.50	—	10.50	9.70
	CK5A/CK5BT042	39,000	TDR	10.50	—	10.50	9.70
	CK5A/CK5BT048	39,500	TDR	10.50	—	10.50	9.80
	CK5A/CK5BW048	39,500	TDR	10.50	—	10.50	9.90
048-37	*CD5AA048	46,000	NONE	—	10.00	10.00	9.15
	CC5A/CD5AA060	46,500	NONE	—	10.50	10.50	9.15
	CC5A/CD5AC048	45,000	NONE	—	10.00	10.00	9.10
	CC5A/CD5AW048	46,000	NONE	—	10.00	10.00	9.15
	CC5A/CD5AW060	47,000	NONE	—	10.50	10.50	9.35
	CE3AA048	46,500	NONE	—	10.00	10.00	9.25
	CE3AA060	47,000	NONE	—	10.50	10.50	9.35
	CF5AA048	46,000	NONE	—	10.00	10.00	9.20
	CK3BA048	46,000	NONE	—	10.00	10.00	9.15
	CK3BA060	47,000	NONE	—	10.50	10.50	9.35
	CK5A/CK5BA048	46,500	NONE	—	10.00	10.00	9.20
	CK5A/CK5BA060	47,000	NONE	—	10.50	10.50	9.35
	CK5A/CK5BT048	46,500	NONE	—	10.00	10.00	9.15
	CK5A/CK5BT060	47,000	NONE	—	10.50	10.50	9.35
	CK5A/CK5BW048	46,500	NONE	—	10.00	10.00	9.15
	CK5A/CK5BX060	47,500	NONE	—	10.50	10.50	9.45
	F(A,B)4BN(F,B,C)048	46,500	TDR	10.00	—	10.00	9.10
	F(A,B)4BN(F,B,C)060	47,500	TDR	10.50	—	10.50	9.15
	FB4BNB070	48,000	TDR	10.50	—	10.50	9.40
	FC4CN(F,B)048	46,500	TDR&TXV	10.00	—	—	9.10
	FC4CN(F,B)060	47,500	TDR&TXV	10.50	—	—	9.15
	FC4CNB054	48,000	TDR&TXV	10.50	—	—	9.45
	FC4CNB070	48,000	TDR&TXV	10.50	—	—	9.45
	FG3AAA048	46,000	NONE	—	10.00	10.00	9.10
	40FKB/FK4DNB006	48,000	TDR&TXV	11.50	—	—	10.25
	40FKB/FK4DNF005	47,500	TDR&TXV	11.00	—	—	10.05
	COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE						
	CC5A/CD5AC048	44,500	TDR	10.50	—	10.50	9.35
	CD5AA048	45,000	TDR	10.50	—	10.50	9.45
	CE3AA048	45,000	TDR	10.50	—	10.50	9.50
	CE3AA060	46,000	TDR	11.00	—	11.00	9.70
	CK3BA048	45,000	TDR	10.50	—	10.50	9.50
	CK5A/CK5BA048	45,000	TDR	10.50	—	10.50	9.50
	CK5A/CK5BT048	45,000	TDR	10.50	—	10.50	9.50
	COILS + 58CV(A,X)110-22 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA060	45,500	TDR	11.00	—	11.00	9.65

See notes on page 18.

Combination ratings continued

UNIT SIZE-SERIES	INDOOR UNIT	TOT. CAP. BTUH	FACTORY- SUPPLIED ENHANCE- MENT	SEER			EER
				STANDARD RATING	CARRIER GAS FURNACE OR ACCESSORY TDR†	ACCESSORY TXV‡	
048-37	CC5A/CD5AC048	44,500	TDR	10.50	—	10.50	9.50
	CC5A/CD5AW048	45,000	TDR	11.00	—	11.00	9.65
	CD5AA048	45,000	TDR	11.00	—	11.00	9.60
	CE3AA048	45,000	TDR	11.00	—	11.00	9.65
	CE3AA060	46,000	TDR	11.00	—	11.00	9.90
	CK3BA048	45,000	TDR	11.00	—	11.00	9.65
	CK3BA060	46,000	TDR	11.00	—	11.00	9.90
	CK5A/CK5BA048	45,000	TDR	11.00	—	11.00	9.65
	CK5A/CK5BA060	46,000	TDR	11.00	—	11.00	9.90
	CK5A/CK5BT048	45,000	TDR	11.00	—	11.00	9.65
	CK5A/CK5BT060	46,000	TDR	11.00	—	11.00	9.90
	CK5A/CK5BW048	45,000	TDR	11.00	—	11.00	9.70
	CK5A/CK5BX060	47,000	TDR	11.00	—	11.00	10.00
	COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA060	45,500	TDR	11.00	—	11.00	9.65
	CC5A/CD5AC048	44,500	TDR	10.50	—	10.50	9.45
	CC5A/CD5AW048	45,000	TDR	11.00	—	11.00	9.60
	CD5AA048	45,000	TDR	11.00	—	11.00	9.60
	CE3AA048	45,000	TDR	11.00	—	11.00	9.60
	CE3AA060	46,000	TDR	11.00	—	11.00	9.85
	CK3BA048	45,000	TDR	11.00	—	11.00	9.65
	CK3BA060	46,000	TDR	11.00	—	11.00	9.85
	CK5A/CK5BA048	45,000	TDR	11.00	—	11.00	9.60
	CK5A/CK5BA060	46,000	TDR	11.00	—	11.00	9.90
	CK5A/CK5BT048	45,000	TDR	11.00	—	11.00	9.60
	CK5A/CK5BT060	46,000	TDR	11.00	—	11.00	9.90
	CK5A/CK5BW048	45,000	TDR	11.00	—	11.00	9.70
	CK5A/CK5BX060	47,000	TDR	11.00	—	11.00	9.95
	COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA060	45,500	TDR	11.00	—	11.00	9.70
	CC5A/CD5AC048	44,500	TDR	10.50	—	10.50	9.55
	CC5A/CD5AW048	45,000	TDR	11.00	—	11.00	9.70
	CD5AA048	45,000	TDR	11.00	—	11.00	9.70
	CE3AA048	45,000	TDR	11.00	—	11.00	9.70
	CE3AA060	46,000	TDR	11.00	—	11.00	9.95
	CK3BA048	45,000	TDR	11.00	—	11.00	9.70
	CK3BA060	46,000	TDR	11.00	—	11.00	9.95
	CK5A/CK5BA048	45,000	TDR	11.00	—	11.00	9.70
	CK5A/CK5BA060	46,000	TDR	11.00	—	11.00	9.95
	CK5A/CK5BT048	45,000	TDR	11.00	—	11.00	9.70
	CK5A/CK5BT060	46,000	TDR	11.00	—	11.00	9.95
	CK5A/CK5BW048	45,000	TDR	11.00	—	11.00	9.75
	CK5A/CK5BX060	47,000	TDR	11.00	—	11.00	10.05
	COILS + 58MVP080-20 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA060	45,500	TDR	10.50	—	10.50	9.40
	CC5A/CD5AC048	44,500	TDR	10.50	—	10.50	9.25
	CC5A/CD5AW048	45,000	TDR	10.50	—	10.50	9.40
	CD5AA048	45,000	TDR	10.50	—	10.50	9.35
	CE3AA048	45,000	TDR	10.50	—	10.50	9.40
	CE3AA060	46,000	TDR	10.50	—	10.50	9.60
	CK3BA048	45,000	TDR	10.50	—	10.50	9.40
	CK3BA060	46,000	TDR	11.00	—	11.00	9.60
	CK5A/CK5BA048	45,000	TDR	10.50	—	10.50	9.40
	CK5A/CK5BA060	46,000	TDR	11.00	—	11.00	9.65
	CK5A/CK5BT048	45,000	TDR	10.50	—	10.50	9.40
	CK5A/CK5BT060	46,000	TDR	11.00	—	11.00	9.65
	CK5A/CK5BW048	45,000	TDR	10.50	—	10.50	9.45
	CK5A/CK5BX060	47,000	TDR	11.00	—	11.00	9.70
	COILS + 58MVP100-20 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA060	45,500	TDR	10.50	—	10.50	9.45
	CC5A/CD5AC048	44,500	TDR	10.50	—	10.50	9.30
	CC5A/CD5AW048	45,000	TDR	10.50	—	10.50	9.45
	CD5AA048	45,000	TDR	10.50	—	10.50	9.40
	CE3AA048	45,000	TDR	10.50	—	10.50	9.45
	CE3AA060	46,000	TDR	10.50	—	10.50	9.65
	CK3BA048	45,000	TDR	10.50	—	10.50	9.45
	CK3BA060	46,000	TDR	11.00	—	11.00	9.70
	CK5A/CK5BA048	45,000	TDR	10.50	—	10.50	9.45
	CK5A/CK5BA060	46,000	TDR	11.00	—	11.00	9.70
	CK5A/CK5BT048	45,000	TDR	10.50	—	10.50	9.45
	CK5A/CK5BT060	46,000	TDR	11.00	—	11.00	9.70
	CK5A/CK5BW048	45,000	TDR	10.50	—	10.50	9.50
	CK5A/CK5BX060	47,000	TDR	11.00	—	11.00	9.75
	COILS + 58MVP120-20 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA060	45,500	TDR	10.50	—	10.50	9.50
	CC5A/CD5AC048	44,500	TDR	10.50	—	10.50	9.30
	CC5A/CD5AW048	45,000	TDR	10.50	—	10.50	9.45
	CD5AA048	45,000	TDR	10.50	—	10.50	9.45
	CE3AA048	45,000	TDR	10.50	—	10.50	9.45
	CE3AA060	46,000	TDR	10.50	—	10.50	9.70

See notes on page 18.

Combination ratings continued

UNIT SIZE-SERIES	INDOOR UNIT	TOT. CAP. BTUH	FACTORY- SUPPLIED ENHANCE- MENT	SEER			EER
				STANDARD RATING	CARRIER GAS FURNACE OR ACCESSORY TDR†	ACCESSORY TXV‡	
048-37	CK3BA048	45,000	TDR	10.50	—	10.50	9.50
	CK3BA060	46,000	TDR	11.00	—	11.00	9.70
	CK5A/CK5BA048	45,000	TDR	10.50	—	10.50	9.45
	CK5A/CK5BA060	46,000	TDR	11.00	—	11.00	9.70
	CK5A/CK5BT048	45,000	TDR	10.50	—	10.50	9.45
	CK5A/CK5BT060	46,000	TDR	11.00	—	11.00	9.70
	CK5A/CK5BW048	45,000	TDR	10.50	—	10.50	9.55
	CK5A/CK5BX060	47,000	TDR	11.00	—	11.00	9.80
060-35	*CC5A/CD5AW060	58,000	NONE	—	10.00	10.00	8.90
	CC5A/CD5AA060	55,000	NONE	—	10.00	10.00	8.80
	CE3AA060	58,000	NONE	—	10.00	10.00	8.95
	CK3BA060	57,000	NONE	—	10.00	10.00	8.85
	CK5A/CK5BA060	57,000	NONE	—	10.00	10.00	8.85
	CK5A/CK5BT060	57,000	NONE	—	10.00	10.00	8.85
	CK5A/CK5BX060	59,000	NONE	—	10.00	10.00	9.00
	F(A,B)4BN(F,B,C)060	58,000	TDR	10.00	—	10.00	8.65
	FB4BNB070	59,000	TDR	10.00	—	10.00	9.00
	FC4CN(F,B)060	58,000	TDR&TXV	10.00	—	—	8.65
	FC4CNB070	59,000	TDR&TXV	10.00	—	—	9.00
	FG3AAA060	57,000	NONE	—	10.00	10.00	8.85
	40FKB/FK4DNB006	59,000	TDR&TXV	10.50	—	—	9.50
	COILS + 58CV(A,X)110-22 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA060	55,000	TDR	10.00	—	10.00	9.00
	CE3AA060	57,000	TDR	10.50	—	10.50	9.20
	CK3BA060	56,000	TDR	10.50	—	10.50	9.15
	CK5A/CK5BA060	56,000	TDR	10.50	—	10.50	9.15
	CK5A/CK5BT060	56,000	TDR	10.50	—	10.50	9.15
	CK5A/CK5BX060	57,500	TDR	10.50	—	10.50	9.30
	COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA060	55,000	TDR	10.00	—	10.00	8.95
	CE3AA060	57,000	TDR	10.50	—	10.50	9.20
	CK3BA060	56,000	TDR	10.50	—	10.50	9.15
	CK5A/CK5BA060	56,000	TDR	10.50	—	10.50	9.15
	CK5A/CK5BT060	56,000	TDR	10.50	—	10.50	9.15
	CK5A/CK5BX060	57,500	TDR	10.50	—	10.50	9.30
	COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA060	55,000	TDR	10.00	—	10.00	9.05
	CE3AA060	57,000	TDR	10.50	—	10.50	9.30
	CK3BA060	56,000	TDR	10.50	—	10.50	9.20
	CK5A/CK5BA060	56,000	TDR	10.50	—	10.50	9.20
	CK5A/CK5BT060	56,000	TDR	10.50	—	10.50	9.20
	CK5A/CK5BX060	57,500	TDR	10.50	—	10.50	9.35
	COILS + 58MVP120-20 VARIABLE-SPEED FURNACE						
	CK3BA060	56,000	TDR	10.00	—	10.00	8.90
	CK5A/CK5BA060	56,000	TDR	10.00	—	10.00	8.90
	CK5A/CK5BT060	56,000	TDR	10.00	—	10.00	8.90
	CK5A/CK5BX060	57,500	TDR	10.00	—	10.00	9.05

* 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.

‡ TXV must be hard shutoff type; based on computer simulation.

EER — Energy Efficiency Ratio

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																	
		75			85			95			105			115			125		
CFM	EWB	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
38TKB018-33 Outdoor Section With CC5A/CD5AA018 Indoor Section																			
525	57	15.47	15.47	1.59	14.83	14.83	1.65	14.07	14.07	1.72	13.27	13.27	1.79	12.46	12.46	1.88	11.65	11.65	1.96
	62	16.80	14.54	1.61	15.87	14.08	1.69	14.78	13.57	1.75	13.72	13.01	1.82	12.65	12.41	1.88	11.63	11.63	1.96
	67	18.62	12.40	1.65	17.81	12.14	1.74	16.81	11.76	1.83	15.66	11.25	1.90	14.53	10.78	1.98	13.33	10.29	2.05
	72	19.84	10.06	1.67	19.46	9.96	1.77	18.74	9.69	1.87	17.77	9.35	1.97	16.57	8.87	2.08	15.38	8.43	2.17
600	57	16.28	16.28	1.64	15.90	15.90	1.79	14.74	14.74	1.78	13.91	13.91	1.86	13.05	13.05	1.94	12.19	12.19	2.02
	62	17.30	15.50	1.65	16.24	15.04	1.74	15.18	14.46	1.80	14.13	13.85	1.87	13.05	13.05	1.94	12.18	12.18	2.02
	67	18.97	12.98	1.68	18.24	12.81	1.78	17.20	12.43	1.87	16.61	12.30	2.05	14.90	11.50	2.03	13.62	10.99	2.10
	72	19.94	10.17	1.70	19.69	10.24	1.80	19.05	10.06	1.91	18.11	9.74	2.01	17.01	9.36	2.12	16.30	9.11	2.30
675	57	16.93	16.93	1.67	16.17	16.17	1.77	15.32	15.32	1.84	14.49	14.49	1.92	13.58	13.58	2.00	12.70	12.70	2.09
	62	17.65	16.31	1.69	16.61	15.86	1.77	15.52	15.36	1.85	14.51	14.51	1.92	13.57	13.57	2.00	12.69	12.69	2.09
	67	19.18	13.43	1.72	18.55	13.39	1.81	17.54	13.12	1.91	16.39	12.68	2.01	15.14	12.19	2.08	13.85	11.66	2.15
	72	20.09	10.45	1.74	19.80	10.41	1.84	19.25	10.36	1.94	18.38	10.11	2.05	17.32	9.78	2.16	16.04	9.32	2.27

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	COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE			
	024	1.03	1.01	CC5A/CD5AA	018	0.99	0.90
CC5A/CD5AW	024	1.03	1.01		024	1.01	0.91
CE3AA	024	1.03	1.01	CC5A/CD5AW	024	1.01	0.90
CF5AA	024	1.03	1.02	CE3AA	024	1.01	0.90
CK3BA	024	1.03	1.00	CK3BA	024	1.01	0.89
CK5A/CK5BA	018	1.00	0.99	CK5A/CK5BA	018	0.99	0.89
	024	1.03	1.00		024	1.01	0.89
CK5A/CK5BW	024	1.03	1.00	CK5A/CK5BW	024	1.01	0.89
F(A,B)4BN(F,C)	018	1.00	0.99	COILS + 58MVP040-14 VARIABLE-SPEED FURNACE			
	024	1.03	0.99	CE3AA	024	1.01	0.90
FC4CNF	024	1.03	0.99	COILS + 58MVP060-14 VARIABLE-SPEED FURNACE			
FF1DN(A,E)	018	1.00	0.97	CC5A/CD5AA	018	0.99	0.90
	024	1.03	1.00		024	1.01	0.91
FK4DNF	001	1.05	0.90	CC5A/CD5AW	024	1.01	0.90
40FKB/FK4DNF	002	1.07	0.91	CE3AA	024	1.01	0.90
COILS + 58CV(A,X)070-12 VARIABLE-SPEED FURNACE				CK3BA	024	1.01	0.89
CC5A/CD5AA	018	0.99	0.90	CK5A/CK5BA	018	0.99	0.89
	024	1.01	0.91		024	1.01	0.89
CC5A/CD5AW	024	1.01	0.91	CK5A/CK5BW	024	1.01	0.89
CE3AA	024	1.01	0.91	COILS + 58MVP080-14 VARIABLE-SPEED FURNACE			
CK3BA	024	1.01	0.89	CC5A/CD5AW	024	1.01	0.90
CK5A/CK5BA	018	0.99	0.89	CE3AA	024	1.01	0.91
	024	1.01	0.89	CK3BA	024	1.01	0.89
CK5A/CK5BW	024	1.01	0.89	CK5A/CK5BW	024	1.01	0.89

See notes on pg. 30.

Detailed cooling capacities*

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
CFM	EWB	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
38TKB024-33 Outdoor Section With CC5A/CD5AA024 Indoor Section																			
700	57	21.06	21.06	2.14	20.08	20.08	2.23	19.08	19.08	2.33	18.01	18.01	2.43	16.97	16.97	2.54	15.90	15.90	2.66
	62	22.52	19.87	2.17	21.17	19.25	2.28	19.80	18.56	2.37	18.41	17.82	2.45	17.04	17.04	2.55	15.91	15.91	2.67
	67	24.95	16.92	2.24	23.84	16.54	2.37	22.45	16.00	2.50	20.97	15.37	2.61	19.48	14.76	2.70	17.95	14.14	2.80
	72	26.61	13.58	2.29	26.03	13.45	2.43	25.05	13.12	2.57	23.69	12.63	2.71	22.25	12.09	2.86	21.30	11.82	3.10
800	57	22.14	22.14	2.21	21.07	21.07	2.32	20.02	20.02	2.42	18.93	18.93	2.53	17.79	17.79	2.64	16.69	16.69	2.76
	62	23.17	21.19	2.24	21.80	20.61	2.35	20.38	19.82	2.44	19.02	19.02	2.53	17.78	17.78	2.64	16.68	16.68	2.76
	67	25.41	17.73	2.29	24.40	17.50	2.42	23.00	17.01	2.55	21.50	16.43	2.69	19.95	15.81	2.78	18.33	15.16	2.88
	72	26.82	13.88	2.34	26.35	13.86	2.49	25.47	13.65	2.63	24.19	13.23	2.78	22.74	12.73	2.93	21.72	12.46	3.15
900	57	22.99	22.99	2.27	21.96	21.96	2.40	21.35	21.35	2.63	19.71	19.71	2.62	18.50	18.50	2.73	17.35	17.35	2.86
	62	23.61	22.41	2.29	22.28	21.75	2.41	20.89	20.89	2.52	19.66	19.66	2.62	18.50	18.50	2.73	17.34	17.34	2.86
	67	25.69	18.40	2.34	24.78	18.39	2.48	23.38	17.97	2.60	21.97	17.43	2.74	20.99	17.07	2.98	18.64	16.10	2.95
	72	26.95	14.13	2.38	26.54	14.20	2.54	25.72	14.10	2.69	24.52	13.77	2.83	23.09	13.32	2.98	21.53	12.79	3.13

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	0.98	0.90
	030	1.00	1.00		030	0.98	0.90
CC5A/CD5AW	024	1.00	1.00	CE3AA	024	0.98	0.90
	030	1.00	1.00		030	1.00	0.90
CE3AA	024	1.00	0.99	CK3BA	024	0.98	0.88
	030	1.02	1.00		030	0.98	0.89
CF5AA	024	1.00	1.00	CK5A/CK5BA	024	0.98	0.89
CK3BA	024	1.00	0.99		030	0.98	0.90
	030	1.00	0.99	CK5A/CK5BW	024	0.98	0.89
CK5A/CK5BA	024	1.00	0.99		030	0.98	0.89
	030	1.00	0.99	COILS + 58CV(A,X)110-22 VARIABLE-SPEED FURNACE			
CK5A/CK5BW	024	1.00	0.99	CC5A/CD5AW	024	0.98	0.90
	030	1.00	0.99		030	0.98	0.89
F(A,B)4BN(F,C)	024	1.00	1.00	CE3AA	024	0.98	0.90
	030	1.03	1.00		030	1.00	0.90
FC4CNF	024	1.00	1.00	CK3BA	024	0.98	0.88
	030	1.03	0.99		030	0.98	0.88
FF1DN(A,E)	024	1.00	1.00	CK5A/CK5BW	024	0.98	0.89
FF1DNA	030	1.02	1.00		030	0.98	0.89
FF1DNE	030	1.02	1.03	COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE			
FG3AAA	024	0.96	0.96	CE3AA	024	0.98	0.90
FK4DNF	001	1.02	0.91		030	1.00	0.90
40FKB/FK4DNF	002	1.03	0.91	COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE			
	003	1.03	0.90	CE3AA	024	0.98	0.90
COILS + 58CV(A,X)070-12 VARIABLE-SPEED FURNACE					030	1.00	0.90
CC5A/CD5AA	024	0.98	0.91	COILS + 58MVP040-14 VARIABLE-SPEED FURNACE			
	030	0.98	0.90	CE3AA	024	0.98	0.91
CC5A/CD5AW	024	0.98	0.90		030	1.00	0.90
	030	0.98	0.90	COILS + 58MVP060-14 VARIABLE-SPEED FURNACE			
CE3AA	024	0.98	0.90	CC5A/CD5AA	024	0.98	0.91
	030	1.00	0.90		030	0.98	0.90
CK3BA	024	0.98	0.89	CC5A/CD5AW	024	0.98	0.90
	030	0.98	0.89		030	0.98	0.90
CK5A/CK5BA	024	0.98	0.90	CE3AA	024	0.98	0.90
	030	0.98	0.90		030	1.00	0.90
CK5A/CK5BW	024	0.98	0.90	CK3BA	024	0.98	0.88
	030	0.98	0.89		030	0.98	0.89
COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE				CK5A/CK5BA	024	0.98	0.90
CC5A/CD5AA	024	0.98	0.90		030	0.98	0.89
	030	0.98	0.89	— — —			

See notes on pg. 30.

Detailed cooling capacities*

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
CFM	EWB	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
38TKB024-33 Outdoor Section With CC5A/CD5AA024 Indoor Section continued																			
700	57	21.06	21.06	2.14	20.08	20.08	2.23	19.08	19.08	2.33	18.01	18.01	2.43	16.97	16.97	2.54	15.90	15.90	2.66
	62	22.52	19.87	2.17	21.17	19.25	2.28	19.80	18.56	2.37	18.41	17.82	2.45	17.04	17.04	2.55	15.91	15.91	2.67
	67	24.95	16.92	2.24	23.84	16.54	2.37	22.45	16.00	2.50	20.97	15.37	2.61	19.48	14.76	2.70	17.95	14.14	2.80
	72	26.61	13.58	2.29	26.03	13.45	2.43	25.05	13.12	2.57	23.69	12.63	2.71	22.25	12.09	2.86	21.30	11.82	3.10
800	57	22.14	22.14	2.21	21.07	21.07	2.32	20.02	20.02	2.42	18.93	18.93	2.53	17.79	17.79	2.64	16.69	16.69	2.76
	62	23.17	21.19	2.24	21.80	20.61	2.35	20.38	19.82	2.44	19.02	19.02	2.53	17.78	17.78	2.64	16.68	16.68	2.76
	67	25.41	17.73	2.29	24.40	17.50	2.42	23.00	17.01	2.55	21.50	16.43	2.69	19.95	15.81	2.78	18.33	15.16	2.88
	72	26.82	13.88	2.34	26.35	13.86	2.49	25.47	13.65	2.63	24.19	13.23	2.78	22.74	12.73	2.93	21.72	12.46	3.15
900	57	22.99	22.99	2.27	21.96	21.96	2.40	21.35	21.35	2.63	19.71	19.71	2.62	18.50	18.50	2.73	17.35	17.35	2.86
	62	23.61	22.41	2.29	22.28	21.75	2.41	20.89	20.89	2.52	19.66	19.66	2.62	18.50	18.50	2.73	17.34	17.34	2.86
	67	25.69	18.40	2.34	24.78	18.39	2.48	23.38	17.97	2.60	21.97	17.43	2.74	20.99	17.07	2.98	18.64	16.10	2.95
	72	26.95	14.13	2.38	26.54	14.20	2.54	25.72	14.10	2.69	24.52	13.77	2.83	23.09	13.32	2.98	21.53	12.79	3.13

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CK5A/CK5BW	024	0.98	0.89	CK3BA	024	0.98	0.88
	030	0.98	0.89		030	0.98	0.89
COILS + 58MVP080-14 VARIABLE-SPEED FURNACE				CK5A/CK5BW	024	0.98	0.90
CC5A/CD5AW	024	0.98	0.91		030	0.98	0.89
	030	0.98	0.90	COILS + 58MVP100-20 VARIABLE-SPEED FURNACE			
CE3AA	024	0.98	0.94	CC5A/CD5AW	024	0.98	0.90
	030	1.00	0.90		030	0.98	0.90
CK3BA	024	0.98	0.90	CE3AA	024	0.98	0.90
	030	0.98	0.89		030	1.00	0.90
CK5A/CK5BW	24	0.98	0.90	CK3BA	024	0.98	0.88
	030	0.98	0.89		030	0.98	0.89
COILS + 58MVP080-20 VARIABLE-SPEED FURNACE				CK5A/CK5BW	024	0.98	0.89
CC5A/CD5AW	024	0.98	0.90		030	0.98	0.89
	030	0.98	0.90	COILS + 58MVP120-20 VARIABLE-SPEED FURNACE			
CE3AA	024	0.98	0.91	CE3AA	024	0.98	0.91
	030	1.00	0.91		030	1.00	0.90

See notes on pg. 30.

Detailed cooling capacities*

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
CFM	EWB	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
38TKB030-33 Outdoor Section With CC5A/CD5AA030 Indoor Section																			
875	57	26.19	26.19	2.59	25.09	25.09	2.74	23.89	23.89	2.90	22.63	22.63	3.05	21.44	21.44	3.22	20.22	20.22	3.38
	62	27.96	24.82	2.64	26.40	24.02	2.80	24.81	23.22	2.94	23.16	22.33	3.08	21.55	21.55	3.22	20.21	20.21	3.38
	67	30.93	21.08	2.69	29.60	20.61	2.89	27.98	19.97	3.08	26.20	19.25	3.24	24.51	18.53	3.38	22.78	17.83	3.54
	72	33.14	16.96	2.75	32.25	16.70	2.95	31.01	16.27	3.15	29.47	15.71	3.34	27.80	15.13	3.55	26.05	14.46	3.76
1000	57	27.50	27.50	2.68	26.27	26.27	2.85	25.03	25.03	3.00	23.75	23.75	3.17	22.41	22.41	3.33	21.15	21.15	3.50
	62	28.71	26.39	2.70	27.08	25.63	2.88	25.50	24.74	3.03	23.84	23.84	3.17	22.39	22.39	3.32	21.14	21.14	3.50
	67	31.52	22.14	2.76	30.21	21.79	2.95	28.60	21.23	3.14	26.88	20.55	3.34	25.06	19.81	3.48	23.22	19.07	3.63
	72	33.45	17.40	2.81	32.66	17.25	3.01	31.46	16.90	3.21	29.95	16.42	3.41	28.35	15.88	3.62	26.55	15.27	3.83
1125	57	28.51	28.51	2.75	27.26	27.26	2.94	26.02	26.02	3.11	24.65	24.65	3.27	23.27	23.27	3.43	21.97	21.97	3.61
	62	29.24	27.83	2.76	27.68	27.07	2.95	26.11	26.11	3.11	24.63	24.63	3.26	23.26	23.26	3.43	21.96	21.96	3.61
	67	31.89	23.03	2.82	30.66	22.85	3.01	29.08	22.38	3.20	27.38	21.75	3.40	26.24	21.36	3.67	23.55	20.23	3.71
	72	33.64	17.77	2.87	32.92	17.69	3.07	31.75	17.44	3.28	30.30	17.03	3.48	28.71	16.55	3.69	26.88	15.98	3.90

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	CE3AA	030	0.98	0.90
	036	1.03	1.00		036	1.01	0.91
CC5A/CD5AW	030	1.00	1.00	CK3BA	030	0.98	0.89
	036	1.03	1.00		036	1.01	0.91
CE3AA	030	1.00	0.99	CK5A/CK5BA	030	0.98	0.90
	036	1.02	1.00		036	1.01	0.91
CF5AA	036	1.03	1.01	CK5A/CK5BT	036	1.01	0.91
CK3BA	030	1.00	0.99	CK5A/CK5BW	030	0.98	0.90
	036	1.03	1.00		036	1.01	0.91
CK5A/CK5BA	030	1.00	0.99	COILS + 58CV(A,X)110-22 VARIABLE-SPEED FURNACE			
	036	1.03	1.00	CC5A/CD5AA	036	1.01	0.91
CK5A/CK5BT	036	1.03	1.00	CC5A/CD5AW	030	0.98	0.90
CK5A/CK5BW	030	1.00	0.99		036	1.01	0.91
	036	1.03	1.01	CE3AA	030	0.98	0.89
F(A,B)4BN(F,C)	030	1.00	0.98		036	1.01	0.91
	036	1.01	1.01	CK3BA	030	0.98	0.89
FC4CNF	030	1.00	0.98		036	1.01	0.91
	036	1.01	1.01	CK5A/CK5BA	036	1.01	0.91
FF1DN(A,E)	030	1.01	1.00	CK5A/CK5BT	036	1.01	0.91
FK4DNF	001	1.01	0.92	CK5A/CK5BW	030	0.98	0.90
40FKB/FK4DNF	002	1.02	0.92		036	1.01	0.91
	003	1.03	0.90	COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE			
	005	1.05	0.90	CC5A/CD5AW	036	1.01	0.91
COILS + 58CV(A,X)070-12 VARIABLE-SPEED FURNACE				CE3AA	030	0.98	0.89
CC5A/CD5AA	030	0.98	0.91		036	1.01	0.91
	036	1.01	0.92	CK5A/CK5BW	036	1.01	0.91
CC5A/CD5AW	030	0.98	0.91	COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE			
CE3AA	030	0.98	0.90	CC5A/CD5AW	036	1.01	0.91
	036	1.01	0.93		030	0.98	0.89
CK3BA	030	0.98	0.90	CE3AA	036	1.01	0.91
	036	1.01	0.92		CK5A/CK5BW	036	1.01
CK5A/CK5BA	030	0.98	0.91	COILS + 58MVP040-14 VARIABLE-SPEED FURNACE			
	036	1.01	0.92	CC5A/CD5AW	036	1.01	0.92
CK5A/CK5BT	036	1.01	0.92	CE3AA	030	0.98	0.90
CK5A/CK5BW	030	0.98	0.91		036	1.01	0.93
COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE				CK5A/CK5BW	036	1.01	0.92
CC5A/CD5AA	030	0.98	0.90	COILS + 58MVP060-14 VARIABLE-SPEED FURNACE			
	036	1.01	0.91	CC5A/CD5AA	030	0.98	0.91
CC5A/CD5AW	030	0.98	0.90		036	1.01	0.92
	036	1.01	0.91	CC5A/CD5AW	030	0.98	0.91
					036	1.01	0.91

See notes on pg. 30.

Detailed cooling capacities*

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
CFM	EWB	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
38TKB030-33 Outdoor Section With CC5A/CD5AA030 Indoor Section continued																			
875	57	26.19	26.19	2.59	25.09	25.09	2.74	23.89	23.89	2.90	22.63	22.63	3.05	21.44	21.44	3.22	20.22	20.22	3.38
	62	27.96	24.82	2.64	26.40	24.02	2.80	24.81	23.22	2.94	23.16	22.33	3.08	21.55	21.55	3.22	20.21	20.21	3.38
	67	30.93	21.08	2.69	29.60	20.61	2.89	27.98	19.97	3.08	26.20	19.25	3.24	24.51	18.53	3.38	22.78	17.83	3.54
	72	33.14	16.96	2.75	32.25	16.70	2.95	31.01	16.27	3.15	29.47	15.71	3.34	27.80	15.13	3.55	26.05	14.46	3.76
1000	57	27.50	27.50	2.68	26.27	26.27	2.85	25.03	25.03	3.00	23.75	23.75	3.17	22.41	22.41	3.33	21.15	21.15	3.50
	62	28.71	26.39	2.70	27.08	25.63	2.88	25.50	24.74	3.03	23.84	23.84	3.17	22.39	22.39	3.32	21.14	21.14	3.50
	67	31.52	22.14	2.76	30.21	21.79	2.95	28.60	21.23	3.14	26.88	20.55	3.34	25.06	19.81	3.48	23.22	19.07	3.63
	72	33.45	17.40	2.81	32.66	17.25	3.01	31.46	16.90	3.21	29.95	16.42	3.41	28.35	15.88	3.62	26.55	15.27	3.83
1125	57	28.51	28.51	2.75	27.26	27.26	2.94	26.02	26.02	3.11	24.65	24.65	3.27	23.27	23.27	3.43	21.97	21.97	3.61
	62	29.24	27.83	2.76	27.68	27.07	2.95	26.11	26.11	3.11	24.63	24.63	3.26	23.26	23.26	3.43	21.96	21.96	3.61
	67	31.89	23.03	2.82	30.66	22.85	3.01	29.08	22.38	3.20	27.38	21.75	3.40	26.24	21.36	3.67	23.55	20.23	3.71
	72	33.64	17.77	2.87	32.92	17.69	3.07	31.75	17.44	3.28	30.30	17.03	3.48	28.71	16.55	3.69	26.88	15.98	3.90

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CE3AA	030	0.98	0.90	CE3AA	030	0.98	0.90
	036	1.01	0.92		036	1.01	0.92
CK3BA	030	0.98	0.90	CK3BA	030	0.98	0.90
	036	1.01	0.92		036	1.01	0.92
CK5A/CK5BA	030	0.98	0.91	CK5A/CK5BA	036	1.01	0.92
	036	1.01	0.92		036	1.01	0.92
CK5A/CK5BT	036	1.01	0.92	CK5A/CK5BW	030	0.98	0.90
CK5A/CK5BW	030	0.98	0.90		036	1.01	0.91
	036	1.01	0.91	COILS + 58MVP100-20 VARIABLE-SPEED FURNACE			
COILS + 58MVP080-14 VARIABLE-SPEED FURNACE				CC5A/CD5AA	036	1.01	0.91
CC5A/CD5AA	036	1.01	0.92	CC5A/CD5AW	030	0.98	0.91
CC5A/CD5AW	030	0.98	0.91		036	1.01	0.91
	036	1.01	0.92	CE3AA	030	0.98	0.90
CE3AA	030	0.98	0.90		036	1.01	0.92
	036	1.01	0.93	CK3BA	030	0.98	0.90
CK3BA	030	0.98	0.90		036	1.01	0.91
	036	1.01	0.92	CK5A/CK5BA	036	1.01	0.91
CK5A/CK5BA	036	1.01	0.92	CK5A/CK5BT	036	1.01	0.91
CK5A/CK5BT	036	1.01	0.92	CK5A/CK5BW	030	0.98	0.90
CK5A/CK5BW	030	0.98	0.91		036	1.01	0.91
	036	1.01	0.92	COILS + 58MVP120-20 VARIABLE-SPEED FURNACE			
COILS + 58MVP080-20 VARIABLE-SPEED FURNACE				CC5A/CD5AW	036	1.01	0.91
CC5A/CD5AA	036	1.01	0.92	CE3AA	030	0.98	0.90
CC5A/CD5AW	030	0.98	0.91		036	1.01	0.92
	036	1.01	0.92	CK5A/CK5BW	036	1.01	0.91

See notes on pg. 30.

Detailed cooling capacities*

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
		Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**
CFM	EWB	Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
38TKB036-34 Outdoor Section With CC5A/CD5AA036 Indoor Section																			
1050	57	32.54	32.54	3.12	31.05	31.05	3.31	29.48	29.48	3.52	27.89	27.89	3.74	26.17	26.17	3.96	24.37	24.37	4.19
	62	34.19	30.87	3.16	32.20	29.92	3.36	30.19	28.88	3.55	28.15	27.75	3.75	26.16	26.16	3.96	24.36	24.36	4.19
	67	37.87	26.26	3.25	36.00	25.53	3.48	33.86	24.71	3.72	31.59	23.79	3.95	29.29	22.85	4.16	26.75	21.83	4.36
	72	40.74	21.05	3.33	39.38	20.62	3.58	37.54	20.01	3.82	35.46	19.28	4.09	33.15	18.44	4.36	30.59	17.53	4.63
1200	57	34.03	34.03	3.22	32.47	32.47	3.44	30.87	30.87	3.65	29.15	29.15	3.87	27.38	27.38	4.10	25.49	25.49	4.34
	62	35.04	32.95	3.24	33.05	32.02	3.46	30.97	30.97	3.66	29.12	29.12	3.87	27.36	27.36	4.10	25.48	25.48	4.34
	67	38.56	27.69	3.33	36.74	27.10	3.56	34.60	26.36	3.80	32.30	25.46	4.06	29.82	24.47	4.27	27.25	23.41	4.47
	72	41.14	21.66	3.41	39.85	21.36	3.65	38.08	20.84	3.91	36.09	20.25	4.18	33.70	19.43	4.45	31.11	18.54	4.72
1350	57	35.26	35.26	3.31	33.75	33.75	3.54	32.01	32.01	3.78	30.21	30.21	4.00	28.38	28.38	4.25	26.38	26.38	4.48
	62	35.75	34.78	3.32	33.82	33.82	3.55	32.00	32.00	3.78	30.20	30.20	4.00	28.37	28.37	4.25	26.37	26.37	4.48
	67	39.02	29.00	3.41	37.28	28.56	3.64	35.18	27.91	3.88	32.76	27.01	4.13	30.23	25.98	4.37	27.64	24.88	4.58
	72	41.37	22.18	3.47	40.12	21.97	3.72	38.42	21.57	3.99	36.52	21.11	4.26	34.07	20.34	4.53	31.48	19.46	4.80

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	CK3BA	036	0.98	0.91
	042	1.00	1.00		042	0.98	0.91
CC5A/CD5AW	036	1.00	1.00	CK5A/CK5BA	036	0.98	0.92
	042	0.98	0.99		042	0.98	0.91
CE3AA	036	0.98	0.99	CK5A/CK5BE	042	0.98	0.91
	042	1.00	0.99	CK5A/CK5BT	036	0.98	0.92
CF5AA	036	0.99	1.00		042	0.98	0.91
CK3BA	036	1.00	1.00	CK5A/CK5BW	036	0.98	0.91
	042	1.00	1.00	COILS + 58CV(A,X)110-22 VARIABLE-SPEED FURNACE			
CK5A/CK5BA	036	1.00	1.00	CC5A/CD5AA	036	0.98	0.91
	042	1.00	1.00		042	0.98	0.90
CK5A/CK5BE	042	1.00	0.99	CC5A/CD5AW	036	0.98	0.91
CK5A/CK5BT	036	1.00	1.00		042	0.96	0.90
	042	1.00	1.00	CE3AA	036	0.96	0.91
CK5A/CK5BW	036	1.00	1.00	CK3BA	036	0.98	0.91
F(A,B)4BN(F,B,C)	042	1.00	1.01		042	0.98	0.91
F(A,B)4BN(F,C)	036	0.98	1.01	CK5A/CK5BA	036	0.98	0.91
FC4CN(F,B)	042	1.00	1.01		042	0.98	0.90
FC4CNF	036	0.98	1.01	CK5A/CK5BE	042	0.98	0.90
FG3AAA	036	0.97	0.99	CK5A/CK5BT	036	0.98	0.91
FK4DNF	001	0.98	0.94		042	0.98	0.90
40FKB/FK4DNB	006	1.04	0.91	CK5A/CK5BW	036	0.98	0.90
40FKB/FK4DNF	002	0.98	0.93	COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE			
	003	1.00	0.92	CC5A/CD5AA	042	0.98	0.91
	005	1.01	0.90	CC5A/CD5AW	036	0.98	0.91
COILS + 58CV(A,X)070-12 VARIABLE-SPEED FURNACE					042	0.96	0.90
CC5A/CD5AA	036	0.98	0.93	CK3BA	042	0.98	0.91
CE3AA	036	0.96	0.92	CK5A/CK5BA	042	0.98	0.91
	042	0.98	0.93	CK5A/CK5BT	042	0.98	0.91
CK3BA	036	0.98	0.93	CK5A/CK5BW	036	0.98	0.91
CK5A/CK5BA	036	0.98	0.93	COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE			
CK5A/CK5BE	042	0.98	0.92	CC5A/CD5AA	042	0.98	0.90
CK5A/CK5BT	036	0.98	0.93	CC5A/CD5AW	036	0.98	0.90
	COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE				042	0.96	0.89
CC5A/CD5AA	036	0.98	0.92	CK3BA	042	0.98	0.90
	042	0.98	0.91	CK5A/CK5BA	042	0.98	0.90
CC5A/CD5AW	036	0.98	0.91	CK5A/CK5BT	042	0.98	0.90
CE3AA	036	0.96	0.91	CK5A/CK5BW	036	0.98	0.90
	042	0.98	0.91		—	—	—

See notes on pg. 30.

Detailed cooling capacities*

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
CFM	EWB	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
38TKB036-34 Outdoor Section With CC5A/CD5AA036 Indoor Section continued																			
1050	57	32.54	32.54	3.12	31.05	31.05	3.31	29.48	29.48	3.52	27.89	27.89	3.74	26.17	26.17	3.96	24.37	24.37	4.19
	62	34.19	30.87	3.16	32.20	29.92	3.36	30.19	28.88	3.55	28.15	27.75	3.75	26.16	26.16	3.96	24.36	24.36	4.19
	67	37.87	26.26	3.25	36.00	25.53	3.48	33.86	24.71	3.72	31.59	23.79	3.95	29.29	22.85	4.16	26.75	21.83	4.36
	72	40.74	21.05	3.33	39.38	20.62	3.58	37.54	20.01	3.82	35.46	19.28	4.09	33.15	18.44	4.36	30.59	17.53	4.63
1200	57	34.03	34.03	3.22	32.47	32.47	3.44	30.87	30.87	3.65	29.15	29.15	3.87	27.38	27.38	4.10	25.49	25.49	4.34
	62	35.04	32.95	3.24	33.05	32.02	3.46	30.97	30.97	3.66	29.12	29.12	3.87	27.36	27.36	4.10	25.48	25.48	4.34
	67	38.56	27.69	3.33	36.74	27.10	3.56	34.60	26.36	3.80	32.30	25.46	4.06	29.82	24.47	4.27	27.25	23.41	4.47
	72	41.14	21.66	3.41	39.85	21.36	3.65	38.08	20.84	3.91	36.09	20.25	4.18	33.70	19.43	4.45	31.11	18.54	4.72
1350	57	35.26	35.26	3.31	33.75	33.75	3.54	32.01	32.01	3.78	30.21	30.21	4.00	28.38	28.38	4.25	26.38	26.38	4.48
	62	35.75	34.78	3.32	33.82	33.82	3.55	32.00	32.00	3.78	30.20	30.20	4.00	28.37	28.37	4.25	26.37	26.37	4.48
	67	39.02	29.00	3.41	37.28	28.56	3.64	35.18	27.91	3.88	32.76	27.01	4.13	30.23	25.98	4.37	27.64	24.88	4.58
	72	41.37	22.18	3.47	40.12	21.97	3.72	38.42	21.57	3.99	36.52	21.11	4.26	34.07	20.34	4.53	31.48	19.46	4.80

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
COILS + 58MVP040-14 VARIABLE-SPEED FURNACE				COILS + 58MVP080-20 VARIABLE-SPEED FURNACE			
CC5A/CD5AA	042	0.98	0.93	CC5A/CD5AA	036	0.98	0.92
CC5A/CD5AW	036	0.98	0.93		042	0.98	0.92
	042	0.96	0.91		CC5A/CD5AW	036	0.98
CE3AA	036	0.96	0.92	042		0.96	0.91
	042	0.98	0.93	CE3AA		036	0.96
CK3BA	042	0.98	0.93		042	0.98	0.92
CK5A/CK5BA	042	0.98	0.93	CK3BA	036	0.98	0.92
CK5A/CK5BT	042	0.98	0.93		042	0.98	0.92
CK5A/CK5BW	036	0.98	0.93	CK5A/CK5BA	036	0.98	0.92
COILS + 58MVP060-14 VARIABLE-SPEED FURNACE					042	0.98	0.92
CC5A/CD5AA	036	0.98	0.92	CK5A/CK5BE	042	0.98	0.91
	042	0.98	0.92		CK5A/CK5BT	036	0.98
CC5A/CD5AW	036	0.98	0.92	042		0.98	0.92
CE3AA	036	0.96	0.91	CK5A/CK5BW	036	0.98	0.92
	042	0.98	0.92	COILS + 58MVP100-20 VARIABLE-SPEED FURNACE			
CK3BA	036	0.98	0.92	CC5A/CD5AA	036	0.98	0.92
	042	0.98	0.92		042	0.98	0.92
CK5A/CK5BA	036	0.98	0.92	CC5A/CD5AW	036	0.98	0.92
	042	0.98	0.92		042	0.96	0.91
CK5A/CK5BE	042	0.98	0.91	CE3AA	036	0.96	0.91
CK5A/CK5BT	036	0.98	0.92		042	0.98	0.92
	042	0.98	0.92	CK3BA	036	0.98	0.92
CK5A/CK5BW	036	0.98	0.92		042	0.98	0.92
COILS + 58MVP080-14 VARIABLE-SPEED FURNACE				CK5A/CK5BA	036	0.98	0.92
CC5A/CD5AA	036	0.98	0.94		042	0.98	0.92
	042	0.98	0.93	CK5A/CK5BE	042	0.98	0.91
CC5A/CD5AW	036	0.98	0.93	CK5A/CK5BT	036	0.98	0.92
	042	0.96	0.92		042	0.98	0.92
CE3AA	036	0.96	0.93	CK5A/CK5BW	036	0.98	0.92
	042	0.98	0.93	COILS + 58MVP120-20 VARIABLE-SPEED FURNACE			
CK3BA	036	0.98	0.94	CC5A/CD5AA	042	0.98	0.91
	042	0.98	0.93		CC5A/CD5AW	036	0.98
CK5A/CK5BA	036	0.98	0.94	042		0.96	0.90
	042	0.98	0.93	CE3AA	036	0.96	0.91
CK5A/CK5BE	042	0.98	0.93		042	0.98	0.92
CK5A/CK5BT	036	0.98	0.94	CK3BA	042	0.98	0.92
	042	0.98	0.93		CK5A/CK5BA	042	0.98
CK5A/CK5BW	036	0.98	0.93	CK5A/CK5BT	042	0.98	0.91
	—	—	—	CK5A/CK5BW	036	0.98	0.91

See notes on pg. 30.

Detailed cooling capacities*

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
CFM	EWB	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
38TKB042-33 Outdoor Section With CC5A/CD5AA042 Indoor Section																			
1225	57	37.27	37.27	3.59	35.69	35.69	3.82	33.93	33.93	3.99	32.05	32.05	4.20	30.15	30.15	4.40	28.12	28.12	4.58
	62	39.54	35.26	3.64	37.24	34.13	3.88	34.94	32.96	4.05	32.59	31.69	4.23	30.21	30.21	4.40	28.13	28.13	4.58
	67	43.45	29.79	3.74	41.54	29.19	4.00	39.18	28.23	4.25	36.58	27.14	4.45	33.97	26.08	4.63	31.16	24.96	4.78
	72	46.28	23.77	3.81	45.22	23.53	4.10	43.36	22.94	4.37	40.98	22.08	4.63	38.26	21.06	4.90	35.36	20.00	5.08
1400	57	38.99	38.99	3.69	37.28	37.28	3.95	35.43	35.43	4.15	33.50	33.50	4.36	31.44	31.44	4.56	29.41	29.41	4.75
	62	40.45	37.60	3.73	38.22	36.49	3.98	35.87	35.16	4.18	33.52	33.52	4.36	31.47	31.47	4.55	29.40	29.40	4.75
	67	44.20	31.26	3.83	42.38	30.83	4.09	40.00	30.03	4.35	37.38	29.01	4.59	34.58	27.89	4.75	31.70	26.71	4.91
	72	46.61	24.33	3.89	45.77	24.33	4.19	44.03	23.91	4.47	41.70	23.14	4.73	38.98	22.24	4.99	35.94	21.13	5.20
1575	57	40.38	40.38	3.80	38.67	38.67	4.07	36.80	36.80	4.30	34.68	34.68	4.50	32.63	32.63	4.70	30.41	30.41	4.90
	62	41.18	39.48	3.82	39.06	38.45	4.08	36.76	36.76	4.30	34.67	34.67	4.50	32.61	32.61	4.70	30.40	30.40	4.90
	67	44.62	32.51	3.91	42.99	32.46	4.18	40.69	31.76	4.44	37.95	30.75	4.70	35.02	29.58	4.86	32.12	28.35	5.02
	72	46.79	24.83	3.97	46.05	24.97	4.27	44.45	24.73	4.56	42.21	24.12	4.83	39.44	23.30	5.08	36.43	22.24	5.32

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	COILS + 58CV(A,X)110-22 VARIABLE-SPEED FURNACE			
CC5A/CD5AC	048	0.99	1.00	CC5A/CD5AA	042	0.98	0.92
CC5A/CD5AW	042	0.99	1.00	CC5A/CD5AC	048	0.96	0.91
	048	1.00	1.00	CC5A/CD5AW	042	0.96	0.91
CD5AA	048	1.00	1.00		048	0.98	0.91
CE3AA	042	1.00	0.99	CD5AA	048	0.98	0.91
	048	1.01	1.01	CE3AA	042	0.98	0.91
CF5AA	048	1.00	1.00		048	0.99	0.92
CK3BA	042	1.00	1.00	CK3BA	042	0.98	0.92
	048	1.01	1.01		048	0.99	0.92
CK5A/CK5BA	042	1.00	1.00	CK5A/CK5BA	042	0.98	0.92
	048	1.01	1.01		048	0.99	0.92
CK5A/CK5BE	042	1.00	0.86	CK5A/CK5BE	042	0.98	0.91
CK5A/CK5BT	042	1.00	1.00	CK5A/CK5BT	042	0.98	0.92
	048	1.01	1.01		048	0.99	0.92
CK5A/CK5BW	048	1.01	1.01	CK5A/CK5BW	048	0.99	0.91
F(A,B)4BN(F,B,C)	042	1.00	1.01	COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE			
	048	1.01	1.01	CC5A/CD5AA	042	0.98	0.91
FC4CN(F,B)	042	1.00	1.01	CC5A/CD5AC	048	0.96	0.91
	048	1.01	1.01	CC5A/CD5AW	042	0.96	0.90
FC4CNB	054	1.04	0.98		048	0.98	0.90
40FKB/FK4DNB	006	1.05	0.93	CD5AA	048	0.98	0.91
40FKB/FK4DNF	003	1.00	0.93	CE3AA	042	0.98	0.91
	005	1.03	0.93		048	0.99	0.92
COILS + 58CV(A,X)070-12 VARIABLE-SPEED FURNACE				CK3BA	042	0.98	0.92
CE3AA	042	0.98	0.94		048	0.99	0.91
	048	0.99	0.95	CK5A/CK5BA	042	0.98	0.92
CK5A/CK5BE	042	0.98	0.94		048	0.99	0.91
COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE				CK5A/CK5BT	042	0.98	0.92
CC5A/CD5AA	042	0.98	0.92		048	0.99	0.91
CC5A/CD5AC	048	0.96	0.92	CK5A/CK5BW	048	0.99	0.91
CD5AA	048	0.98	0.92	COILS + 58MVP040-14 VARIABLE-SPEED FURNACE			
CE3AA	042	0.98	0.92	CC5A/CD5AA	042	0.98	0.94
	048	0.99	0.93	CC5A/CD5AC	048	0.96	0.94
CK3BA	042	0.98	0.93	CC5A/CD5AW	042	0.96	0.93
	048	0.99	0.92		048	0.98	0.93
CK5A/CK5BA	042	0.98	0.93	CD5AA	048	0.98	0.93
	048	0.99	0.92	CE3AA	042	0.98	0.94
CK5A/CK5BE	042	0.98	0.92		048	0.99	0.95
CK5A/CK5BT	042	0.98	0.93	CK3BA	042	0.98	0.94
	048	0.99	0.92		048	0.99	0.94

See notes on pg. 30.

Detailed cooling capacities*

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
CFM	EWB	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
38TKB042-33 Outdoor Section With CC5A/CD5AA042 Indoor Section continued																			
1225	57	37.27	37.27	3.59	35.69	35.69	3.82	33.93	33.93	3.99	32.05	32.05	4.20	30.15	30.15	4.40	28.12	28.12	4.58
	62	39.54	35.26	3.64	37.24	34.13	3.88	34.94	32.96	4.05	32.59	31.69	4.23	30.21	30.21	4.40	28.13	28.13	4.58
	67	43.45	29.79	3.74	41.54	29.19	4.00	39.18	28.23	4.25	36.58	27.14	4.45	33.97	26.08	4.63	31.16	24.96	4.78
	72	46.28	23.77	3.81	45.22	23.53	4.10	43.36	22.94	4.37	40.98	22.08	4.63	38.26	21.06	4.90	35.36	20.00	5.08
1400	57	38.99	38.99	3.69	37.28	37.28	3.95	35.43	35.43	4.15	33.50	33.50	4.36	31.44	31.44	4.56	29.41	29.41	4.75
	62	40.45	37.60	3.73	38.22	36.49	3.98	35.87	35.16	4.18	33.52	33.52	4.36	31.47	31.47	4.55	29.40	29.40	4.75
	67	44.20	31.26	3.83	42.38	30.83	4.09	40.00	30.03	4.35	37.38	29.01	4.59	34.58	27.89	4.75	31.70	26.71	4.91
	72	46.61	24.33	3.89	45.77	24.33	4.19	44.03	23.91	4.47	41.70	23.14	4.73	38.98	22.24	4.99	35.94	21.13	5.20
1575	57	40.38	40.38	3.80	38.67	38.67	4.07	36.80	36.80	4.30	34.68	34.68	4.50	32.63	32.63	4.70	30.41	30.41	4.90
	62	41.18	39.48	3.82	39.06	38.45	4.08	36.76	36.76	4.30	34.67	34.67	4.50	32.61	32.61	4.70	30.40	30.40	4.90
	67	44.62	32.51	3.91	42.99	32.46	4.18	40.69	31.76	4.44	37.95	30.75	4.70	35.02	29.58	4.86	32.12	28.35	5.02
	72	46.79	24.83	3.97	46.05	24.97	4.27	44.45	24.73	4.56	42.21	24.12	4.83	39.44	23.30	5.08	36.43	22.24	5.32

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CK5A/CK5BA	042	0.98	0.94	CK5A/CK5BW	048	0.99	0.94
	048	0.99	0.94		COILS + 58MVP080-20 VARIABLE-SPEED FURNACE		
CK5A/CK5BT	042	0.98	0.94	CC5A/CD5AA	042	0.98	0.93
	048	0.99	0.94	CC5A/CD5AC	048	0.96	0.93
CK5A/CK5BW	048	0.99	0.94	CC5A/CD5AW	042	0.96	0.93
COILS + 58MVP060-14 VARIABLE-SPEED FURNACE					048	0.98	0.93
CC5A/CD5AA	042	0.98	0.93	CD5AA	048	0.98	0.93
CC5A/CD5AC	048	0.96	0.93	CE3AA	042	0.98	0.93
CD5AA	048	0.98	0.93		048	0.99	0.94
CE3AA	042	0.98	0.93	CK3BA	042	0.98	0.93
	048	0.99	0.94		048	0.99	0.94
CK3BA	042	0.98	0.93	CK5A/CK5BA	042	0.98	0.79
	048	0.99	0.93		048	0.99	0.94
CK5A/CK5BA	042	0.98	0.93	CK5A/CK5BE	042	0.98	0.93
	048	0.99	0.93	CK5A/CK5BT	042	0.98	0.93
CK5A/CK5BE	042	0.98	0.93	CK5A/CK5BW	048	0.99	0.94
CK5A/CK5BT	042	0.98	0.93		048	0.99	0.93
	048	0.99	0.93	COILS + 58MVP100-20 VARIABLE-SPEED FURNACE			
COILS + 58MVP080-14 VARIABLE-SPEED FURNACE				CC5A/CD5AA	042	0.98	0.93
CC5A/CD5AA	042	0.98	0.94	CC5A/CD5AC	048	0.96	0.92
CC5A/CD5AC	048	0.96	0.94	CC5A/CD5AW	042	0.96	0.92
CC5A/CD5AW	042	0.96	0.94		048	0.98	0.92
	048	0.98	0.93	CD5AA	048	0.98	0.92
CD5AA	048	0.98	0.94	CE3AA	042	0.98	0.93
CE3AA	042	0.98	0.94		048	0.99	0.93
	048	0.99	0.95	CK3BA	042	0.98	0.93
CK3BA	042	0.98	0.94		048	0.99	0.93
	048	0.99	0.95	CK5A/CK5BA	042	0.98	0.93
CK5A/CK5BA	042	0.98	0.94		048	0.99	0.93
	048	0.99	0.95	CK5A/CK5BE	042	0.98	0.93
CK5A/CK5BE	042	0.98	0.94	CK5A/CK5BT	042	0.98	0.93
CK5A/CK5BT	042	0.98	0.94	CK5A/CK5BW	048	0.99	0.93
	048	0.99	0.95		048	0.99	0.92

See notes on pg. 30.

Detailed cooling capacities*

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
		Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**
CFM	EWB	Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
38TKB048-37 Outdoor Section With CD5AA048 Indoor Section																			
1400	57	41.80	41.80	3.93	40.35	40.35	4.30	38.78	38.78	4.69	37.08	37.08	5.11	35.30	35.30	5.58	33.42	33.42	6.09
	62	44.53	39.33	4.00	42.58	38.36	4.39	40.57	37.34	4.76	38.25	36.16	5.16	35.93	34.90	5.61	33.53	33.53	6.09
	67	48.95	33.36	4.10	47.20	32.76	4.51	45.06	31.82	4.95	42.83	30.89	5.43	40.26	29.81	5.85	37.70	28.78	6.36
	72	52.47	26.90	4.19	51.37	26.65	4.62	49.62	25.99	5.06	47.47	25.21	5.57	45.05	24.25	6.10	42.94	23.61	6.61
1600	57	43.67	43.67	4.06	42.11	42.11	4.45	40.50	40.50	4.85	38.66	38.66	5.27	36.80	36.80	5.75	34.85	34.85	6.27
	62	45.57	41.87	4.10	43.45	40.83	4.50	41.43	39.75	4.90	39.13	38.44	5.29	36.84	36.84	5.75	34.84	34.84	6.26
	67	49.88	35.11	4.20	48.13	34.55	4.61	46.00	33.79	5.05	43.65	32.83	5.55	41.04	31.78	5.99	38.41	30.71	6.50
	72	52.94	27.60	4.28	52.05	27.50	4.71	50.40	27.05	5.17	48.24	26.31	5.67	45.83	25.47	6.22	43.05	24.45	6.80
1800	57	45.15	45.15	4.17	43.57	43.57	4.58	41.88	41.88	5.01	40.03	40.03	5.43	38.00	38.00	5.92	35.93	35.93	6.42
	62	46.33	44.01	4.19	44.29	43.01	4.60	42.11	42.11	5.02	40.01	40.01	5.43	37.99	37.99	5.91	35.98	35.98	6.43
	67	50.48	36.58	4.30	48.82	36.31	4.70	46.68	35.60	5.15	44.33	34.71	5.64	41.67	33.66	6.12	38.90	32.55	6.63
	72	53.18	28.09	4.37	52.44	28.23	4.80	50.89	27.95	5.27	48.81	27.34	5.77	46.36	26.55	6.32	43.58	25.57	6.90

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	CK3BA	048	0.98	0.93
CC5A/CD5AC	048	0.98	0.98		060	1.00	0.92
CC5A/CD5AW	048	1.00	1.00	CK5A/CK5BA	048	0.98	0.93
	060	1.02	1.00		060	1.00	0.92
CD5AA	048	1.00	1.00	CK5A/CK5BT	048	0.98	0.93
CE3AA	048	1.01	1.00		060	1.00	0.92
	060	1.02	1.00	CK5A/CK5BW	048	0.98	0.92
CF5AA	048	1.00	0.99	CK5A/CK5BX	060	1.02	0.93
CK3BA	048	1.00	1.00	COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE			
	060	1.02	1.00	CC5A/CD5AA	060	0.99	0.94
CK5A/CK5BA	048	1.01	1.01	CC5A/CD5AC	048	0.97	0.94
	060	1.02	1.00	CC5A/CD5AW	48	0.98	0.93
CK5A/CK5BT	048	1.01	1.01	CD5AA	048	0.98	0.93
	060	1.02	1.00	CE3AA	048	0.98	0.93
CK5A/CK5BW	048	1.01	1.01		060	1.00	0.93
CK5A/CK5BX	060	1.03	1.00	CK3BA		048	0.98
F(A,B)4BN(F,B,C)	048	1.01	1.02		060	1.00	0.93
	060	1.03	1.03		048	0.98	0.93
FB4BNB	070	1.04	1.02		60	1.00	0.92
FC4CN(F,B)	048	1.01	1.02	CK5A/CK5BT	048	0.98	0.93
	060	1.03	1.03		060	1.00	0.92
FC4CNB	054	1.04	1.01		048	0.98	0.92
	070	1.04	1.01	CK5A/CK5BX	060	1.02	0.94
FG3AAA	048	1.00	1.01	COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE			
40FKB/FK4DNB	006	1.04	0.93	CC5A/CD5AA	060	0.99	0.93
40FKB/FK4DNF	005	1.03	0.94	CC5A/CD5AC	048	0.97	0.93
COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE				CC5A/CD5AW	048	0.98	0.92
CC5A/CD5AC	048	0.97	0.95	CD5AA	048	0.98	0.92
CD5AA	048	0.98	0.95		048	0.98	0.92
CE3AA	048	0.98	0.94		060	1.00	0.92
	060	1.00	0.94	CK3BA	048	0.98	0.92
CK3BA	048	0.98	0.94		060	1.00	0.92
CK5A/CK5BA	048	0.98	0.94		048	0.98	0.92
CK5A/CK5BT	048	0.98	0.94		060	1.00	0.92
COILS + 58CV(A,X)110-22 VARIABLE-SPEED FURNACE				CK5A/CK5BT	048	0.98	0.92
CC5A/CD5AA	060	0.99	0.94		060	1.00	0.92
CC5A/CD5AC	048	0.97	0.93	CK5A/CK5BW	048	0.98	0.92
CC5A/CD5AW	048	0.98	0.93	CK5A/CK5BX	60	1.02	0.93
CD5AA	048	0.98	0.93	COILS + 58MVP080-20 VARIABLE-SPEED FURNACE			
CE3AA	048	0.98	0.93	CC5A/CD5AA	060	0.99	0.96
	060	1.00	0.92	CC5A/CD5AC	048	0.97	0.96

See notes on pg. 30.

Detailed cooling capacities*

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
CFM	EWB	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
38TKB048-37 Outdoor Section With CD5AA048 Indoor Section continued																			
1400	57	41.80	41.80	3.93	40.35	40.35	4.30	38.78	38.78	4.69	37.08	37.08	5.11	35.30	35.30	5.58	33.42	33.42	6.09
	62	44.53	39.33	4.00	42.58	38.36	4.39	40.57	37.34	4.76	38.25	36.16	5.16	35.93	34.90	5.61	33.53	33.53	6.09
	67	48.95	33.36	4.10	47.20	32.76	4.51	45.06	31.82	4.95	42.83	30.89	5.43	40.26	29.81	5.85	37.70	28.78	6.36
	72	52.47	26.90	4.19	51.37	26.65	4.62	49.62	25.99	5.06	47.47	25.21	5.57	45.05	24.25	6.10	42.94	23.61	6.61
1600	57	43.67	43.67	4.06	42.11	42.11	4.45	40.50	40.50	4.85	38.66	38.66	5.27	36.80	36.80	5.75	34.85	34.85	6.27
	62	45.57	41.87	4.10	43.45	40.83	4.50	41.43	39.75	4.90	39.13	38.44	5.29	36.84	36.84	5.75	34.84	34.84	6.26
	67	49.88	35.11	4.20	48.13	34.55	4.61	46.00	33.79	5.05	43.65	32.83	5.55	41.04	31.78	5.99	38.41	30.71	6.50
	72	52.94	27.60	4.28	52.05	27.50	4.71	50.40	27.05	5.17	48.24	26.31	5.67	45.83	25.47	6.22	43.05	24.45	6.80
1800	57	45.15	45.15	4.17	43.57	43.57	4.58	41.88	41.88	5.01	40.03	40.03	5.43	38.00	38.00	5.92	35.93	35.93	6.42
	62	46.33	44.01	4.19	44.29	43.01	4.60	42.11	42.11	5.02	40.01	40.01	5.43	37.99	37.99	5.91	35.98	35.98	6.43
	67	50.48	36.58	4.30	48.82	36.31	4.70	46.68	35.60	5.15	44.33	34.71	5.64	41.67	33.66	6.12	38.90	32.55	6.63
	72	53.18	28.09	4.37	52.44	28.23	4.80	50.89	27.95	5.27	48.81	27.34	5.77	46.36	26.55	6.32	43.58	25.57	6.90

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CC5A/CD5AW	048	0.98	0.95	CK5A/CK5BA	048	0.98	0.95
CD5AA	048	0.98	0.96		060	1.00	0.94
CE3AA	048	0.98	0.95	CK5A/CK5BT	048	0.98	0.95
	060	1.00	0.95		060	1.00	0.94
CK3BA	048	0.98	0.95	CK5A/CK5BW	048	0.98	0.94
	060	1.00	0.95	CK5A/CK5BX	060	1.02	0.96
CK5A/CK5BA	048	0.98	0.95	COILS + 58MVP120-20 VARIABLE-SPEED FURNACE			
	060	1.00	0.95	CC5A/CD5AA	060	0.99	0.95
CK5A/CK5BT	048	0.98	0.95	CC5A/CD5AC	048	0.97	0.95
	060	1.00	0.95	CC5A/CD5AW	048	0.98	0.95
CK5A/CK5BW	048	0.98	0.95	CD5AA	048	0.98	0.95
CK5A/CK5BX	060	1.02	0.96	CE3AA	048	0.98	0.95
COILS + 58MVP100-20 VARIABLE-SPEED FURNACE					060	1.00	0.94
CC5A/CD5AA	060	0.99	0.96	CK3BA	048	0.98	0.94
CC5A/CD5AC	048	0.97	0.95		060	1.00	0.94
CC5A/CD5AW	048	0.98	0.95	CK5A/CK5BA	048	0.98	0.95
CD5AA	048	0.98	0.95		60	1.00	0.94
CE3AA	048	0.98	0.95	CK5A/CK5BT	048	0.98	0.95
	060	1.00	0.95		060	1.00	0.94
CK3BA	048	0.98	0.95	CK5A/CK5BW	048	0.98	0.94
	060	1.00	0.94	CK5A/CK5BX	060	1.02	0.95

See notes on pg. 30.

Detailed cooling capacities*

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
CFM	EWB	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**	Capacity MBtuh†		Total System kW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
38TKB060-35 Outdoor Section With CC5A/CD5AW060 Indoor Section																			
1750	57	51.87	51.87	5.19	50.17	50.17	5.61	48.33	48.33	6.06	46.33	46.33	6.55	44.36	44.36	7.09	42.39	42.39	7.68
	62	55.45	48.73	5.29	53.16	47.58	5.71	50.79	46.41	6.16	48.02	45.02	6.62	45.41	43.65	7.14	42.91	42.23	7.70
	67	61.27	41.57	5.38	59.12	40.73	5.87	56.76	39.77	6.40	54.17	38.64	6.93	51.19	37.39	7.43	48.51	36.28	8.02
	72	65.68	33.58	5.49	64.56	33.27	5.98	62.60	32.60	6.51	60.26	31.76	7.09	57.58	30.68	7.69	55.06	29.89	8.27
2000	57	54.19	54.19	5.36	52.40	52.40	5.79	50.55	50.55	6.26	48.39	48.39	6.74	46.29	46.29	7.28	44.32	44.32	7.89
	62	56.85	51.95	5.40	54.43	50.73	5.87	51.96	49.44	6.31	49.24	47.95	6.78	46.46	46.46	7.29	44.29	44.29	7.89
	67	62.41	43.63	5.50	60.46	43.08	5.99	58.00	42.17	6.52	55.28	41.03	7.08	52.36	39.85	7.61	49.48	38.68	8.19
	72	66.30	34.41	5.61	65.36	34.36	6.11	63.59	33.87	6.65	61.26	33.09	7.22	58.59	32.13	7.82	55.73	31.09	8.47
2250	57	56.23	56.23	5.49	54.91	54.91	6.04	52.38	52.38	6.44	50.31	50.31	6.94	48.05	48.05	7.49	45.94	45.94	8.09
	62	57.96	54.83	5.52	55.50	53.64	6.00	52.90	52.31	6.46	50.43	50.43	6.95	48.06	48.06	7.49	45.85	45.85	8.09
	67	63.20	45.50	5.62	61.40	45.20	6.11	58.94	44.43	6.63	56.22	43.39	7.19	53.31	42.23	7.78	50.31	41.03	8.36
	72	66.68	35.11	5.72	65.91	35.28	6.23	64.28	34.99	6.77	61.97	34.31	7.34	59.31	33.42	7.94	56.48	32.49	8.59

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	060	0.95	0.96	CK5A/CK5BX	060	0.99	0.95
CC5A/CD5AW	060	1.00	1.00	COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE			
CE3AA	060	1.00	0.99	CC5A/CD5AA	060	0.95	0.94
CK3BA	060	0.98	0.99	CE3AA	060	0.98	0.95
CK5A/CK5BA	060	0.98	0.99	CK3BA	060	0.97	0.94
CK5A/CK5BT	060	0.98	0.99	CK5A/CK5BA	060	0.97	0.94
CK5A/CK5BX	060	1.02	1.01	CK5A/CK5BT	060	0.97	0.94
F(A,B)4BN(F,B,C)	060	1.00	1.03	CK5A/CK5BX	060	0.99	0.95
FB4BNB	070	1.02	1.01	COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE			
FC4CN(F,B)	060	1.00	1.03	CC5A/CD5AA	060	0.95	0.93
FC4CNB	070	1.02	1.01	CE3AA	060	0.98	0.94
FG3AAA	060	0.98	0.99	CK3BA	060	0.97	0.93
40FKB/FK4DNB	006	1.02	0.95	CK5A/CK5BA	060	0.97	0.93
COILS + 58CV(A,X)110-22 VARIABLE-SPEED FURNACE				CK5A/CK5BT	060	0.97	0.93
CC5A/CD5AA	060	0.95	0.94	CK5A/CK5BX	060	0.99	0.94
CE3AA	060	0.98	0.95	COILS + 58MVP120-20 VARIABLE-SPEED FURNACE			
CK3BA	060	0.97	0.94	CK3BA	060	0.97	0.97
CK5A/CK5BA	060	0.97	0.94	CK5A/CK5BA	060	0.97	0.97
CK5A/CK5BT	060	0.97	0.94	CK5A/CK5BT	060	0.97	0.97
—	—	—	—	CK5A/CK5BX	060	0.99	0.97

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

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

† Total and sensible capacities are net capacities. Blower motor heat has been subtracted.

‡ Sensible capacities shown are based on 80°F (27°C) entering air at the indoor coil. For sensible capacities at other than 80°F (27°C), deduct 835 Btuh (245 kW) per 1000 CFM (480 L/S) of indoor coil air for each degree below 80°F (27°C), or add 835 Btuh (245 kW) per 1000 CFM (480 L/S) of indoor coil air per degree above 80°F (27°C).

When the required data falls between the published data, interpolation may be performed.

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

Condenser only ratings*

SST °F		CONDENSER ENTERING AIR TEMPERATURES °F							
		55	65	75	85	95	105	115	125
38TKB018-33									
30	TCG	16.80	15.30	13.70	12.10	10.50	8.90	7.30	5.60
	SDT	81.30	89.50	97.30	105.30	113.20	121.10	129.10	136.70
	KW	1.23	1.29	1.31	1.35	1.37	1.38	1.39	1.37
35	TCG	19.40	18.30	15.80	14.20	12.50	10.80	9.10	7.40
	SDT	84.20	93.00	100.10	107.90	115.80	123.70	131.70	139.50
	KW	1.27	1.36	1.38	1.41	1.45	1.47	1.49	1.50
40	TCG	22.40	20.10	18.10	16.40	14.70	12.90	11.10	9.40
	SDT	86.90	95.00	102.70	110.80	118.50	126.50	134.50	142.40
	KW	1.30	1.37	1.43	1.50	1.53	1.56	1.59	1.61
45	TCG	25.70	23.00	20.80	18.80	16.90	15.10	13.30	11.50
	SDT	89.70	97.80	105.80	113.80	121.60	129.50	137.30	145.20
	KW	1.33	1.41	1.48	1.55	1.63	1.66	1.69	1.73
50	TCG	29.60	26.30	24.00	21.60	19.50	17.40	15.60	13.70
	SDT	91.80	100.50	108.90	116.80	124.80	132.50	140.30	148.20
	KW	1.37	1.45	1.54	1.63	1.69	1.77	1.81	1.85
55	TCG	34.20	30.20	27.00	24.60	22.20	20.20	18.00	17.00
	SDT	93.70	103.00	111.30	119.50	127.50	135.70	143.40	152.70
	KW	1.39	1.49	1.57	1.67	1.76	1.84	1.91	2.10
38TKB024-33									
30	TCG	22.50	20.40	19.50	16.30	15.30	12.20	11.10	8.40
	SDT	87.40	94.60	104.40	109.80	119.10	125.00	134.20	140.70
	KW	1.65	1.69	1.88	1.77	1.93	1.81	1.94	1.84
35	TCG	25.70	23.20	21.10	19.00	16.80	14.70	13.60	10.80
	SDT	91.20	98.30	105.70	112.90	120.50	128.10	137.40	143.80
	KW	1.72	1.80	1.84	1.88	1.92	1.95	2.09	2.01
40	TCG	29.20	26.60	24.00	21.80	19.70	17.40	16.20	13.20
	SDT	94.20	102.10	109.10	116.60	123.90	131.50	140.80	147.10
	KW	1.78	1.88	1.95	2.01	2.05	2.09	2.25	2.18
45	TCG	33.40	30.10	27.30	24.80	22.60	20.30	19.10	15.70
	SDT	97.10	105.30	112.90	120.10	127.70	135.30	144.70	150.60
	KW	1.85	1.96	2.04	2.13	2.20	2.25	2.44	2.34
50	TCG	38.00	34.20	31.10	28.30	25.70	23.30	21.10	19.70
	SDT	100.10	108.20	116.30	124.10	131.50	139.10	146.40	156.20
	KW	1.92	2.04	2.14	2.24	2.34	2.44	2.49	2.68
55	TCG	43.30	39.20	35.30	32.20	29.30	26.60	24.10	21.60
	SDT	102.70	111.40	119.40	127.30	135.10	142.80	150.80	158.70
	KW	1.97	2.12	2.24	2.35	2.46	2.56	2.67	2.77
38TKB030-33									
30	TCG	27.30	25.10	22.90	21.70	18.40	16.40	14.30	12.10
	SDT	83.40	91.50	99.70	109.30	116.10	124.60	133.00	141.20
	KW	1.91	2.01	2.11	2.31	2.26	2.33	2.39	2.44
35	TCG	31.00	28.30	26.00	24.70	21.20	19.90	16.90	15.40
	SDT	85.70	94.40	102.60	112.30	119.20	128.30	135.70	145.00
	KW	1.96	2.11	2.21	2.44	2.40	2.59	2.56	2.72
40	TCG	35.20	33.60	29.30	26.80	24.40	21.90	19.70	17.40
	SDT	88.00	96.10	105.30	113.80	121.90	130.00	138.50	146.70
	KW	2.02	2.18	2.34	2.45	2.54	2.63	2.73	2.80
45	TCG	39.90	38.90	33.40	30.50	27.80	26.40	22.60	21.00
	SDT	90.30	97.60	107.60	116.10	124.70	133.80	141.30	150.60
	KW	2.07	2.24	2.42	2.59	2.71	2.95	2.91	3.11
50	TCG	45.20	46.20	37.60	34.50	31.70	28.90	26.10	24.40
	SDT	92.40	97.80	110.10	118.50	127.00	135.40	143.80	152.90
	KW	2.11	2.24	2.51	2.67	2.84	3.00	3.11	3.34
55	TCG	51.20	46.50	42.50	39.00	35.80	32.90	29.90	27.10
	SDT	94.40	103.60	112.30	120.90	129.40	137.60	146.10	154.50
	KW	2.15	2.38	2.60	2.77	2.97	3.13	3.28	3.45
38TKB036-34									
30	TCG	33.40	30.80	28.10	25.20	22.40	19.30	16.00	12.50
	SDT	82.50	90.90	99.30	107.60	116.00	124.10	132.10	139.80
	KW	2.27	2.38	2.51	2.64	2.75	2.84	2.91	2.93
35	TCG	37.50	34.60	31.90	28.90	26.00	22.90	19.50	16.00
	SDT	85.60	93.60	102.00	110.30	118.70	126.80	134.90	142.70
	KW	2.36	2.52	2.65	2.78	2.91	3.03	3.12	3.18
40	TCG	42.10	38.80	35.80	32.80	29.70	26.60	23.20	19.70
	SDT	88.80	96.50	105.00	113.20	121.30	129.80	137.90	145.70
	KW	2.47	2.61	2.81	2.94	3.08	3.22	3.33	3.42
45	TCG	46.70	43.50	40.10	37.00	33.70	30.40	27.10	23.60
	SDT	91.70	100.10	108.00	116.30	124.60	132.80	141.00	148.50
	KW	2.56	2.74	2.90	3.10	3.28	3.43	3.56	3.67
50	TCG	52.20	48.30	44.90	41.50	38.00	34.40	31.10	27.40
	SDT	94.50	103.30	111.40	119.60	127.80	136.20	144.30	152.20
	KW	2.66	2.85	3.05	3.23	3.43	3.66	3.83	3.96
55	TCG	58.50	54.10	51.80	46.40	42.90	38.80	35.00	31.60
	SDT	97.00	105.70	113.50	122.80	131.00	139.30	147.50	155.60
	KW	2.74	2.97	3.15	3.38	3.61	3.81	4.03	4.24

See notes on pg. 32.

Condenser only ratings* continued

SST °F		CONDENSER ENTERING AIR TEMPERATURES °F							
		55	65	75	85	95	105	115	125
38TKB042-33									
30	TCG	39.00	36.10	32.90	31.20	26.50	23.20	19.80	16.20
	SDT	83.50	91.80	99.90	109.30	116.20	124.40	132.40	140.30
	KW	2.63	2.80	2.91	3.19	3.12	3.18	3.21	3.20
35	TCG	44.10	40.40	38.70	33.80	32.00	27.00	25.00	19.80
	SDT	86.60	94.30	104.10	110.60	120.10	126.90	136.30	142.80
	KW	2.71	2.92	3.25	3.19	3.48	3.39	3.65	3.46
40	TCG	49.20	46.70	41.70	38.30	36.30	31.10	28.90	23.70
	SDT	89.50	97.60	105.30	113.40	123.10	129.50	138.90	145.50
	KW	2.81	3.03	3.23	3.38	3.71	3.60	3.89	3.73
45	TCG	55.40	50.60	47.50	43.00	39.20	35.40	31.60	27.80
	SDT	91.70	100.50	108.90	116.60	124.70	132.30	140.50	148.40
	KW	2.87	3.14	3.39	3.58	3.73	3.83	3.93	3.99
50	TCG	62.40	57.00	52.10	48.00	43.90	40.00	36.00	32.00
	SDT	94.00	103.00	111.70	119.60	127.60	135.60	143.40	151.40
	KW	2.92	3.22	3.51	3.71	3.93	4.09	4.19	4.28
55	TCG	70.10	63.90	58.50	53.60	49.20	44.90	40.60	36.50
	SDT	96.10	105.30	114.00	122.60	130.90	139.00	146.60	154.70
	KW	2.98	3.30	3.60	3.89	4.10	4.30	4.50	4.61
38TKB048-37									
30	TCG	44.90	42.60	40.10	37.40	34.50	31.60	28.40	24.90
	SDT	83.00	92.10	101.20	110.20	119.20	128.40	137.40	146.20
	KW	2.76	3.00	3.28	3.59	3.92	4.28	4.64	4.99
35	TCG	50.30	47.40	44.70	41.90	38.90	35.80	32.60	29.10
	SDT	85.80	94.70	103.60	112.80	121.70	130.80	140.00	148.80
	KW	2.83	3.13	3.43	3.75	4.09	4.45	4.84	5.22
40	TCG	55.80	52.80	49.60	46.60	43.50	40.20	37.00	33.40
	SDT	88.80	97.70	106.30	115.60	124.50	133.40	142.60	151.50
	KW	2.96	3.24	3.56	3.94	4.28	4.65	5.06	5.47
45	TCG	61.70	58.30	54.90	51.70	48.50	45.00	41.60	38.00
	SDT	92.00	100.60	109.20	118.20	127.40	136.30	145.30	154.40
	KW	3.07	3.38	3.68	4.07	4.49	4.90	5.32	5.76
50	TCG	68.10	64.30	60.60	57.10	53.70	50.20	46.50	42.70
	SDT	94.40	103.80	112.30	121.20	130.20	139.40	148.40	157.50
	KW	3.18	3.51	3.86	4.21	4.62	5.09	5.58	6.10
55	TCG	75.50	70.80	66.90	63.00	59.20	55.40	51.70	47.60
	SDT	96.60	106.00	115.40	124.50	133.50	142.30	151.00	159.90
	KW	3.27	3.63	3.97	4.39	4.83	5.27	5.74	6.26
38TKB060-35									
30	TCG	54.30	51.60	48.60	45.50	42.20	39.00	35.80	32.60
	SDT	86.60	95.70	104.50	113.30	122.20	131.30	140.50	149.90
	KW	3.77	4.05	4.36	4.70	5.06	5.46	5.89	6.41
35	TCG	60.90	57.30	54.20	51.00	47.50	44.10	40.70	37.30
	SDT	88.60	98.10	107.40	116.40	125.20	134.20	143.30	152.50
	KW	3.83	4.23	4.57	4.93	5.30	5.71	6.16	6.68
40	TCG	67.90	64.10	60.50	57.10	53.60	49.80	46.30	42.80
	SDT	90.60	100.30	109.50	118.60	127.70	136.70	145.60	154.50
	KW	3.93	4.32	4.73	5.17	5.56	5.98	6.44	6.95
45	TCG	75.60	71.20	67.50	63.70	60.50	56.20	52.40	48.80
	SDT	92.70	102.50	111.70	120.90	129.60	138.90	147.70	156.60
	KW	4.04	4.44	4.85	5.29	5.79	6.31	6.78	7.31
50	TCG	84.10	79.10	74.80	70.70	66.80	62.90	58.70	54.90
	SDT	94.60	104.60	114.00	123.10	132.10	141.00	149.80	158.50
	KW	4.11	4.56	4.98	5.48	5.95	6.45	6.99	7.56
55	TCG	94.70	87.80	82.90	78.50	74.20	69.80	65.60	61.10
	SDT	95.40	106.50	116.00	125.30	134.30	143.10	151.70	160.50
	KW	4.14	4.65	5.13	5.60	6.11	6.65	7.21	7.77

* 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)

System design

1. Intended for outdoor installation with free air inlet and outlet. Outdoor fan external static pressure available is less than 0.01-in. wc.
2. Minimum outdoor operating air temperature 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 of 50 to 175 ft or 20 ft vertical differential, consult 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.
10. Mismatches of indoor coil capacity more than 1 size larger than outdoor unit capacity may result in inadequate indoor comfort.

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 and efficiency, and listed in the latest ARI directory.
Unit construction will comply with latest edition of ANSI/ASHRAE and with NEC.
Unit will be constructed in accordance with UL standards and will carry the UL label of approval. Unit will have c-UL approval.
Unit cabinet will be capable of withstanding Federal Test Method Standard No. 141 (Method 6061) 500-hr salt spray test.

Air-cooled condenser coils will be leak tested at 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 will be 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.