

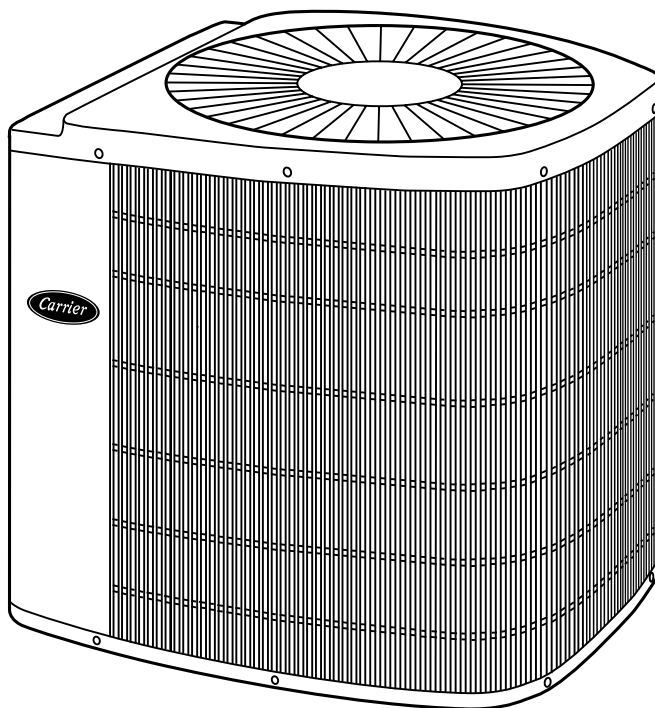


HEATING & COOLING

Product Data

38TKB (60 Hz) Air Conditioner

Sizes 018 thru 060



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, c-UL, CEC, and CSA-EEV.

AVAILABLE OPTIONS

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 System— The casing steel is galvanized and coated with a layer of zinc phosphate. A modified polyester powder coating is then applied and baked on, providing each unit with a hard, smooth finish that will last for many years.

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

The coil is protected by an enhanced WeatherArmor™ heavy duty inlet grille. Constructed of a coated 12 gage steel wire grid and with spacing of 3/8 in., the guard helps to protect the coil from inclement weather, vandalism, and incidental damage. It provides protection while not restricting airflow and maintaining ease of coil inspection and cleaning.

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.

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 1-year warranty on all parts, with an additional 9-year parts only warranty on compressor.



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

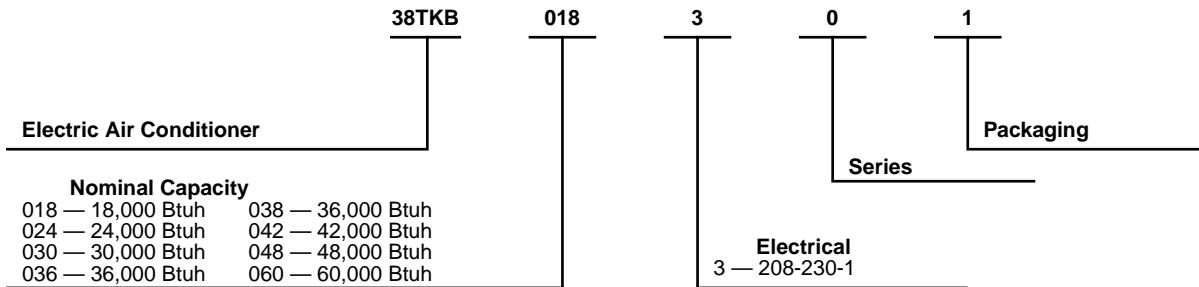


APPROVALS
ISO 9001
EN 29001
BS 5750 PART 1
ANSI/ASQC Q91

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	018-30	024-30	030-30	036-30	042-30	048-34/35	060-33
OPERATING WEIGHT (Lb)	138	140	158	159	230	241	258
REFRIGERANT Control Charge (Lb) @ 15 Ft	R-22 AccuRater® Piston						
	3.69	4.01	4.88	5.01	6.06	7.00	8.50
CONDENSER FAN Air Discharge	Vertical						
Air Qty (CFM)	1600	1600	1900	1900	2900	2900	2800
Motor HP	1/12	1/12	1/10	1/10	1/4	1/4	1/4
Motor RPM	1100						
CONDENSER COIL							
Face Area (Sq Ft)	7.2		10.8		15.0		
Fins per In.	25	25	20	25	20	20/25	25
Rows	1	1	1	1	1	1	1
Circuits	1	1	2	2	3	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 Manufacturer Type	Copeland Recip				Copeland Recip	Copeland Scroll / Millennium Scroll	Copeland Scroll

NOTE: See unit Installation Instructions for proper installation.

* For tube sets between 50 and 175 ft, 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.
018-30	52
024-30	59
030-30	70
036-30	73
042-30	82
048-34, 35	84
060-33	96

* 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)
018-30	11
024-30	13
030-30	11
036-30	9
042-30	11
048-34, 35	15
060-33	17

Accessories

ORDERING NUMBER	DESCRIPTION
KAATD0101TDR	Time-Delay Relay — All Sizes
KSALA0201R22	Low-Ambient Pressure Switch — All Sizes
32LT660004 (RCD)	MotorMaster® Control — All Sizes
HC34GE232 (RCD)	Ball Bearing Fan Motor — Sizes 018–036
HC40GE232 (RCD)	Ball Bearing Fan Motor — Sizes 042–060
KAAFT0101AAA	Evaporator Freeze Thermostat — All Sizes
KAAWS0101AAA	Winter Start Control — All Sizes
KSACY0101AAA	Cycle Protector — All Sizes
KSAHS1001AAA	Start Assist — Capacitor and Relay — Sizes 018–036
KSAHS1301AAA	Start Assist — Capacitor and Relay — Size 042
KSAHS1501AAA	Start Assist — Capacitor and Relay — Sizes 036, 048 (34)
KSAHS1601AAA	Start Assist — Capacitor and Relay — Sizes 048 (35), 060
KAACS0201PTC	Start Assist — PTC — All Sizes
Standard	Crankcase Heater — Size 042
KAACH1001AAA	Crankcase Heater — Sizes 018–036
KAACH1201AAA	Crankcase Heater — Sizes 048–060
KSASH1101COP	Sound Hood — Sizes 018, 024
KSASH1201COP	Sound Hood — Sizes 030–042
KSASH0601COP	Sound Hood — Size 048 (34)
KSASH2101COP	Sound Hood — Sizes 048 (35)–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) — Sizes 048, 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
TSTATCCNAC01-B	Thermostat — Auto Changeover, Non-Programmable, °F/°C, 1-Stage Heat, 1-Stage Cool
TSTATCCPAC01-B	Thermostat — Auto Changeover, 7-Day Programmable, °F/°C, 1-Stage Heat, 1-Stage Cool
TSTATCCPRH01-B	Thermidistat™ Control — Programmable/Non-Programmable Thermostat with Humidity Control
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
TSTATXXPP01	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.
SUGGESTED USE: Required on all units where Low-Ambient Controller (full modulation feature) or MotorMaster® Control has been added.
- 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.
SUGGESTED USE: In geographic areas where salt damage could occur.
- 3. Compressor Start Assist — Capacitor and Relay**

Start capacitor and start relay gives “hard” boost to compressor motor at each start-up.
SUGGESTED USE: Installations where interconnecting tube length exceeds 50 ft.
Installations where outdoor design temperature exceeds 105°F (40.6°C).
Replacement installations with hard shutoff expansion valve on indoor coil.
Installations where Liquid-Line Solenoid Valve has been added.
- 4. Compressor Start Assist — PTC**

Solid state electrical device which gives a “soft” boost to compressor at each start-up.
SUGGESTED USE: Installations with marginal power supply.
Replacement installations with rapid pressure balance (RPB) expansion valve on indoor coil.
Replacement installations with undersized interconnecting refrigerant tubes.
- 5. Crankcase Heater**

An electric resistance heater which mounts to the base of compressor to keep the lubricant warm during off cycles. Improves compressor lubrication on restart and minimizes chance of refrigerant slugging.
SUGGESTED USE: When interconnecting tube length exceeds 50 ft.
When unit will be operated below 55°F (12.8°C) outdoor air temperature. (Use with Low-Ambient Controller.)
All commercial installations.
- 6. Cycle Protector**

Solid-state timing device which prevents compressor rapid recycling. Control provides an approximate 5-minute delay after power to the compressor has been interrupted for any reason, including normal room thermostat cycling.
SUGGESTED USE: Installations in areas where power interruptions are frequent.
Where user is likely to “play” with the room thermostat.
All commercial installations.
Installations where interconnecting tube length exceeds 50 ft.
High-rise applications.
- 7. Evaporator Freeze Thermostat**

An SPST temperature actuated switch which stops unit operation when evaporator reaches freeze-up conditions.
SUGGESTED USE: All units where Low-Ambient Controller has been added.
- 8. Filter Drier**

A device for removing contaminants from refrigerant circulating in an air conditioner; 1-direction flow for air conditioners.
- 9. High-Pressure Switch**

Auto reset SPST switch activated by refrigerant pressure on high side of refrigerant circuit. Cycles compressor off if refrigerant pressure rises to 400 ± 10 psig and resets at 298 ± 20 psig. Provides additional protection against compressor damage due to loss of outdoor airflow. To prevent rapid compressor recycling, Cycle Protector can be used with this switch.
SUGGESTED USE: Installations exposed to very “dirty” outdoor air.
Installations where condenser inlet air temperature exceeds 125°F (51.7°C).
- 10. Liquid-Line Solenoid Valve (LSV)**

An electrically operated shutoff valve to be installed at the outdoor or indoor unit (depending on tubing configuration), which stops and starts refrigerant liquid flow in response to compressor operation. Maintains a column of refrigerant liquid ready for action at next compressor operation cycle.
NOTE: Compressor Start Assist — Capacitor and Relay must also be used, if the system contains a reciprocating compressor.
Do not use with hard shutoff TXV.
SUGGESTED USE: For improved system performance in air conditioners for certain combinations of indoor and outdoor units. Refer to ARI Unitary Directory.
In certain long line-applications. Refer to Long-Line Application Guideline.
- 11. Low-Ambient Controller**

Head pressure controller is a cycle control device activated by a temperature sensor mounted on a header tube of the outdoor coil. It is designed to cycle the outdoor fan motors in order to maintain condensing temperature within normal operating limits (approximately 100°F high and 60°F low). The control will maintain working head pressure at low-ambient temperatures down to 0°F when properly installed.
SUGGESTED USE: Cooling operation at outdoor temperatures below 55°F (12.8°C).
- 12. Low-Ambient Pressure Switch**

A long life pressure switch which is mounted to outdoor unit service valve. It is designed to cycle the outdoor fan motor in order to maintain head pressure within normal operating limits (approximately 100 psig to 225 psig). The control maintains working head pressure at low-ambient temperatures down to 0°F when properly installed.
SUGGESTED USE: Cooling operation at outdoor temperatures below 55°F (12.8°C).
- 13. Low-Pressure Switch**

Auto reset SPST switch activated by refrigerant pressure on low side of refrigerant circuit. Cycles compressor off if refrigerant pressure drops to about 27 psig. Prevents indoor coil freeze-up due to loss of indoor air flow. Also, provides additional protection against compressor damage due to loss of refrigerant charge. To prevent rapid compressor recycling, Cycle Protector can be used with this switch.
SUGGESTED USE: Where indoor coil is exposed to “dirty” air.
All commercial installations.
- 14. MotorMaster® Control**

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, it maintains condensing temperature at 100°F ± 10°F.
SUGGESTED USE: Cooling operation at outdoor temperatures below 55°F.
All commercial installations.
- 15. Outdoor Air Temperature Sensor**

A device that allows the temperature at a remote location (outdoors) to be displayed at the thermostat.
SUGGESTED USE: All corporate programmable thermostats.
- 16. Sound Hood**

Wrap-around sound attenuation cover for the compressor. Reduces the sound level by about 2 decibels.
SUGGESTED USE: Unit installed closer than 15 ft to quiet areas — bedrooms, etc.
Unit installed between 2 houses less than 10 ft apart.
- 17. Support Feet**

Four stick-on plastic feet which raise the unit 4 in. above the mounting pad. This allows sand, dirt, and other debris to be flushed from the unit base; minimizes corrosion.
SUGGESTED USE: Coastal installations.
Windy areas or where debris is normally circulating.
Rooftop installations.

Accessory description and usage (Listed alphabetically) Continued

18. Thermostatic Expansion Valve (TXV) Kits

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 type valves are available. Do not use hard shutoff TXV with Liquid-Line Solenoid Valve.

SUGGESTED USE: For improved system performance in cooling mode for certain combinations of indoor and outdoor units. Refer to ARI Unitary Directory. Required for use on all zoning systems.

19. Time-Delay Relay

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

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

20. Winter Start Control

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

SUGGESTED USE: All air conditioners to which Low-Pressure Switch and Low-Ambient Controller have been added.

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
Low Ambient Controller, MotorMaster® Control, 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, refer to Residential Split System Long-Line Application Guideline.

† Only when low-pressure switch is used.

‡ Required for Low-Ambient Controller (full modulation feature) and 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							
018-30	208-230/1	253	197	49.0	8.6	0.5	11.3	14	14	99	94	15
024-30				61.0	11.2	0.5	14.5	14	14	72	68	20
030-30				75.0	13.7	0.8	17.9	14	14	56	75	25
036-30				86.0	15.3	0.8	19.9	14	14	39	37	30
042-30				105.0	17.3	1.4	23.5	12	12	63	60	35
048-34				137.0	21.9	1.4	28.8	10	10	69	66	40
048-35				150.0	24.4	1.4	31.9	8	8	97	92	50
060-33				169.0	28.8	1.4	37.4	8	8	91	87	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:

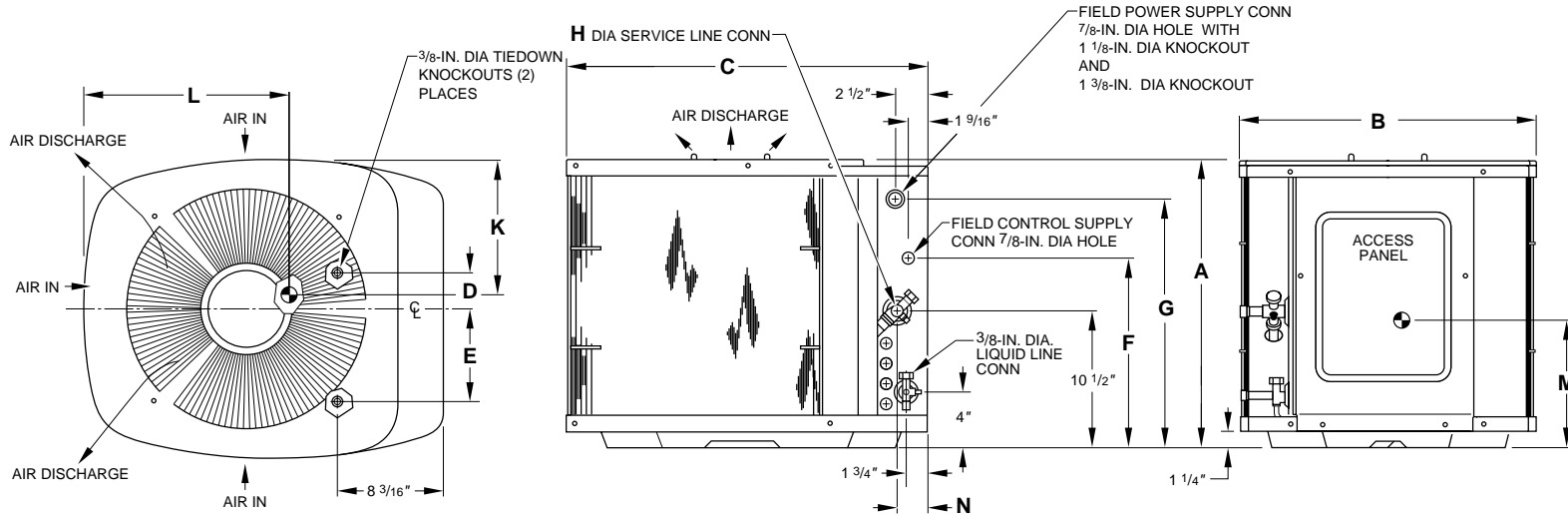
1. Control circuit is 24v on all units and requires external power source.
2. Copper wire must be used from service disconnect to unit.
3. All motors/compressors contain internal overload protection.

Sound power (dBA)

UNIT SIZE	SOUND LEVEL (dBA)	OCTAVE BAND CENTER FREQUENCY (Hz)						
		125	250	500	1000	2000	4000	8000
018	78	57.5	67.0	70.5	68.5	67.5	63.5	55.0
024	80	60.5	70.5	72.5	70.0	71.5	65.0	58.0
030	80	57.0	65.0	69.5	75.5	72.0	71.5	66.5
036	81	53.5	66.0	70.0	73.5	71.0	68.0	61.5
042	80	59.0	68.0	73.5	75.0	73.0	72.5	65.0
048-34	80	60.5	70.5	72.0	72.5	73.5	72.0	67.5
048-35	80	66.5	69.0	72.0	76.0	73.5	68.0	61.0
060	80	60.5	66.5	70.5	73.5	71.5	72.0	66.5

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	30	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	30	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	30	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	11-13/16	2-3/8	20 x 27
036	30	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	11-13/16	2-3/8	20 x 27
042	30	31-7/8	30	34-15/16	4	9-3/4	21-1/2	27-7/8	7/8	15-3/4	19	12-13/16	2-15/16	26 x 32
048	34, 35	31-7/8	30	34-15/16	4	9-3/4	21-1/2	27-7/8	7/8	13-1/2	20-7/16	14-1/16	2-15/16	26 x 32
060	33	37-7/8	30	34-15/16	4	9-3/4	21-1/2	27-7/8	7/8	15-3/4	19-15/16	14-1/16	2-15/16	26 x 32

Combination ratings

UNIT SIZE-SERIES	INDOOR UNIT	TOT. CAP. BTUH	SEER				EER	
			FACTORY- SUPPLIED ENHANCE- MENT	STANDARD RATING	CARRIER GAS FURNACE OR ACCESSORY TDR†	ACCESSORY TXV‡		
018-30	CC5A/CD5AA018*	17,200	NONE	10.00	10.20	10.20	9.45	
	CC5A/CD5AA024	17,600	NONE	10.00	10.50	10.50	9.70	
	CC5A/CD5AW024	17,600	NONE	10.00	10.50	10.50	9.70	
	CE3AA024	17,800	NONE	10.00	10.50	10.50	9.75	
	CF5AA024	17,800	NONE	10.00	10.50	10.50	9.75	
	CK3BA024	17,600	NONE	10.00	10.50	10.50	9.75	
	CK5A/CK5BA018	17,200	NONE	10.00	10.20	10.20	9.60	
	CK5A/CK5BA024	17,600	NONE	10.00	10.50	10.50	9.75	
	CK5A/CK5BW024	17,600	NONE	10.00	10.50	10.50	9.75	
	F(A,B)4ANF018	16,800	TDR	10.00	—	10.00	9.35	
	F(A,B)4ANF024	17,600	TDR	10.50	—	10.50	9.80	
	FC4BNF024	17,600	TDR & TXV	10.50	—	—	9.80	
	FF1(A,B)NA018	17,000	TDR	10.50	—	10.50	9.85	
	FF1(A,B)NA024	17,600	TDR	10.50	—	10.50	9.75	
	FG3AAA024	17,500	NONE	10.00	10.20	10.20	9.65	
	FK4BNF001	18,000	TDR & TXV	12.00	—	—	11.05	
	FK4BNF002	18,000	TDR & TXV	12.00	—	—	11.15	
	FK4BNF004	18,000	TDR & TXV	12.50	—	—	11.20	
	FK4CNF001	18,000	TDR & TXV	12.00	—	—	11.05	
	40FKA/FK4CNF002	18,000	TDR & TXV	12.00	—	—	11.15	
	COILS + 58MVP040-14 VARIABLE-SPEED FURNACE							
	CC5A/CD5AA018	17,600	TDR	11.00	—	11.00	10.25	
	COILS + 58MVP060-14 VARIABLE-SPEED FURNACE							
	CC5A/CD5AA018	17,600	TDR	11.00	—	11.00	10.25	
	CK3BA024	17,600	TDR	11.20	—	11.20	10.60	
	CK5A/CK5BW024	17,600	TDR	11.20	—	11.20	10.60	
	COILS + 58MVP080-14 VARIABLE-SPEED FURNACE							
	CC5A/CD5AA018	17,600	TDR	11.00	—	11.00	10.25	
	CK3BA024	17,600	TDR	11.20	—	11.20	10.70	
	CK5A/CK5BW024	17,600	TDR	11.20	—	11.20	10.70	
	COILS + 58U(H,X)V060-12 VARIABLE-SPEED FURNACE							
	CC5A/CD5AA018	17,200	TDR	11.00	—	11.00	10.25	
CC5A/CD5AA024	17,600	TDR	11.50	—	11.50	10.55		
CC5A/CD5AW024	17,600	TDR	11.50	—	11.50	10.55		
CE3AA024	17,600	TDR	11.50	—	11.50	10.55		
CK3BA024	17,600	TDR	11.50	—	11.50	10.80		
CK5A/CK5BA018	17,200	TDR	11.00	—	11.00	10.60		
CK5A/CK5BA024	17,600	TDR	11.50	—	11.50	10.80		
024-30	CC5A/CD5AA024*	22,400	NONE	10.00	10.20	10.20	9.05	
	CC5A/CD5AA030	22,400	NONE	10.00	10.20	10.20	9.10	
	CC5A/CD5AW024	22,200	NONE	10.00	10.20	10.20	9.05	
	CC5A/CD5AW030	22,400	NONE	10.00	10.20	10.20	9.10	
	CE3AA024	22,400	NONE	10.00	10.20	10.20	9.10	
	CE3AA030	22,600	NONE	10.00	10.50	10.50	9.20	
	CF5AA024	22,200	NONE	10.00	10.20	10.20	9.10	
	CK3BA024	22,400	NONE	10.00	10.20	10.20	9.05	
	CK3BA030	22,400	NONE	10.00	10.20	10.20	9.15	
	CK5A/CK5BA024	22,400	NONE	10.00	10.20	10.20	9.05	
	CK5A/CK5BA030	22,400	NONE	10.00	10.20	10.20	9.15	
	CK5A/CK5BW024	22,400	NONE	10.00	10.20	10.20	9.05	
	CK5A/CK5BW030	22,400	NONE	10.00	10.20	10.20	9.15	
	F(A,B)4ANF024	22,200	TDR	10.00	—	10.00	9.10	
	F(A,B)4ANF030	23,000	TDR	10.20	—	10.20	9.30	
	FC4BNF024	22,200	TDR & TXV	10.00	—	—	9.10	
	FC4BNF030	23,000	TDR & TXV	10.20	—	—	9.30	
	FF1(A,B)NA024	22,200	TDR	10.00	—	10.00	9.05	
	FF1(A,B)NA030	22,400	TDR	10.00	—	10.00	9.15	
	FG3AAA024	21,400	NONE	—	10.00	10.00	8.95	
	FK4BNF001	23,600	TDR & TXV	11.00	—	—	10.10	
	FK4BNF002	23,800	TDR & TXV	11.00	—	—	10.15	
	FK4BNF003	23,600	TDR & TXV	11.50	—	—	10.40	
	FK4BNF004	23,800	TDR & TXV	11.50	—	—	10.40	
	FK4CNF001	23,600	TDR & TXV	11.00	—	—	10.10	
	FK4CNF002	23,800	TDR & TXV	11.00	—	—	10.15	
	FK4CNF003	23,600	TDR & TXV	11.50	—	—	10.40	
	COILS + 58MVP040-14 VARIABLE-SPEED FURNACE							
	CC5A/CD5AA024	22,600	TDR	11.00	—	11.00	9.75	
	CK3BA024	22,600	TDR	11.00	—	11.00	9.70	
	CK3BA030	23,000	TDR	11.00	—	11.00	9.90	
	CK5A/CK5BW030	23,000	TDR	11.00	—	11.00	9.90	
COILS + 58MVP060-14 VARIABLE-SPEED FURNACE								
CC5A/CD5AA024	22,600	TDR	11.00	—	11.00	9.75		
CK3BA024	22,600	TDR	11.00	—	11.00	9.70		
CK3BA030	23,000	TDR	11.00	—	11.00	9.85		
CK5A/CK5BW024	22,600	TDR	11.00	—	11.00	9.70		
CK5A/CK5BW030	23,000	TDR	11.00	—	11.00	9.85		
COILS + 58MVP080-14 VARIABLE-SPEED FURNACE								
CC5A/CD5AA024	22,600	TDR	11.00	—	11.00	9.75		

See notes on pg. 15.

Combination ratings continued

UNIT SIZE-SERIES	INDOOR UNIT	TOT. CAP. BTUH	SEER				EER	
			FACTORY- SUPPLIED ENHANCE- MENT	STANDARD RATING	CARRIER GAS FURNACE OR ACCESSORY TDR†	ACCESSORY TXV‡		
024-30	CK3BA024	22,600	TDR	11.00	—	11.00	9.90	
	CK3BA030	23,000	TDR	11.00	—	11.00	10.05	
	CK5A/CK5BW024	22,600	TDR	11.00	—	11.00	9.90	
	CK5A/CK5BW030	23,000	TDR	11.00	—	11.00	10.05	
	COILS + 58U(H,X)V060-12 VARIABLE-SPEED FURNACE							
	CC5A/CD5AA024	22,400	TDR	11.00	—	11.00	9.80	
	CC5A/CD5AA030	22,800	TDR	11.20	—	11.20	9.95	
	CC5A/CD5AW024	22,400	TDR	11.00	—	11.00	9.80	
	CC5A/CD5AW030	22,800	TDR	11.20	—	11.20	9.95	
	CE3AA024	22,600	TDR	11.00	—	11.00	9.80	
	CE3AA030	22,800	TDR	11.20	—	11.20	9.95	
	CK3BA024	22,400	TDR	11.00	—	11.00	9.90	
	CK3BA030	22,800	TDR	11.20	—	11.20	10.05	
	CK5A/CK5BA024	22,400	TDR	11.00	—	11.00	9.90	
CK5A/CK5BA030	22,800	TDR	11.20	—	11.20	10.05		
CK5A/CK5BW030	22,800	TDR	11.20	—	11.20	10.05		
030-30	CC5A/CD5AA030*	28,000	NONE	10.00	10.20	10.20	9.15	
	CC5A/CD5AA036	29,000	NONE	10.00	10.50	10.50	9.35	
	CC5A/CD5AW030	27,800	NONE	10.00	10.20	10.20	9.15	
	CD5AW036	29,000	NONE	10.00	10.50	10.50	9.35	
	CE3AA030	27,800	NONE	10.00	10.30	10.30	9.20	
	CE3AA036	28,600	NONE	10.00	10.50	10.50	9.30	
	CF5AA036	28,800	NONE	10.00	10.50	10.50	9.35	
	CK3BA030	28,000	NONE	10.00	10.20	10.20	9.20	
	CK3BA036	29,000	NONE	10.00	10.50	10.50	9.40	
	CK5A/CK5BA030	28,000	NONE	10.00	10.20	10.20	9.20	
	CK5A/CK5BA036	29,000	NONE	10.00	10.50	10.50	9.40	
	CK5A/CK5BN036	27,000	NONE	10.00	10.50	10.50	9.40	
	CK5A/CK5BW030	28,000	NONE	10.00	10.20	10.20	9.20	
	CK5A/CK5BW036	29,000	NONE	10.00	10.50	10.50	9.40	
	F(A,B)4ANF030	28,400	TDR	10.30	—	10.30	9.25	
	F(A,B)4ANF036	28,200	TDR	10.00	—	10.00	9.20	
	FC4BNF030	28,400	TDR & TXV	10.30	—	—	9.25	
	FC4BNF036	28,200	TDR & TXV	10.00	—	—	9.20	
	FF1(A,B)NA030	28,000	TDR	10.00	—	10.10	9.25	
	FG3AAA036	28,000	NONE	10.00	10.50	10.50	9.25	
	FK4BNF001	29,400	TDR & TXV	10.50	—	—	9.75	
	FK4BNF002	29,600	TDR & TXV	10.50	—	—	9.80	
	FK4BNF003	29,800	TDR & TXV	11.00	—	—	10.20	
	FK4BNF004	29,800	TDR & TXV	11.00	—	—	10.15	
	FK4CNF001	29,400	TDR & TXV	10.50	—	—	9.75	
	40FKA/FK4CNF002	29,600	TDR & TXV	10.50	—	—	9.80	
	40FKA/FK4CNF003	29,800	TDR & TXV	11.00	—	—	10.20	
	COILS + 58MVP040-14 VARIABLE-SPEED FURNACE							
	CC5A/CD5AA030	29,000	TDR	11.00	—	11.00	9.70	
	CK3BA030	28,600	TDR	10.50	—	10.50	9.50	
	CK3BA036	29,000	TDR	11.00	—	11.00	9.90	
	CK5A/CK5BW030	28,600	TDR	10.50	—	10.50	9.50	
	CK5A/CK5BW036	29,000	TDR	11.00	—	11.00	9.90	
	COILS + 58MVP060-14 VARIABLE-SPEED FURNACE							
	CC5A/CD5AA030	29,000	TDR	11.00	—	11.00	9.70	
	CK3BA030	28,600	TDR	10.50	—	10.50	9.55	
	CK3BA036	29,000	TDR	11.00	—	11.00	9.85	
	CK5A/CK5BA036	29,000	TDR	11.00	—	11.00	9.85	
	CK5A/CK5BN036	27,000	TDR	11.00	—	11.00	9.75	
	CK5A/CK5BW030	28,600	TDR	10.50	—	10.50	9.55	
	COILS + 58MVP080-14 VARIABLE-SPEED FURNACE							
	CC5A/CD5AA030	29,000	TDR	11.00	—	11.00	9.70	
	CK3BA030	28,600	TDR	10.50	—	10.50	9.60	
	CK3BA036	29,000	TDR	11.00	—	11.00	9.95	
	CK5A/CK5BW030	28,600	TDR	10.50	—	10.50	9.60	
	CK5A/CK5BW036	29,000	TDR	11.00	—	11.00	9.95	
	COILS + 58MVP080-20 VARIABLE-SPEED FURNACE							
	CK3BA030	28,600	TDR	10.50	—	10.50	9.50	
	CK3BA036	29,000	TDR	11.00	—	11.00	9.85	
	CK5A/CK5BW030	28,600	TDR	10.50	—	10.50	9.50	
CK5A/CK5BW036	29,000	TDR	11.00	—	11.00	9.85		
COILS + 58MVP100-20 VARIABLE-SPEED FURNACE								
CK3BA030	28,600	TDR	11.00	—	11.00	9.80		
CK3BA036	29,000	TDR	11.00	—	11.00	10.15		
CK5A/CK5BW030	28,600	TDR	11.00	—	11.00	9.80		
CK5A/CK5BW036	29,000	TDR	11.00	—	11.00	10.15		
COILS + 58MVP120-20 VARIABLE-SPEED FURNACE								
CK3BA030	28,600	TDR	11.00	—	11.00	9.75		
CK3BA036	29,000	TDR	11.00	—	11.00	10.10		
CK5A/CK5BW036	29,000	TDR	11.00	—	11.00	10.10		
COILS + 58U(H,X)V060-12 VARIABLE-SPEED FURNACE								
CC5A/CD5AA030	28,200	TDR	11.00	—	11.00	9.80		

See notes on pg. 15.

Combination ratings continued

UNIT SIZE-SERIES	INDOOR UNIT	TOT. CAP. BTUH	SEER				EER	
			FACTORY-SUPPLIED ENHANCEMENT	STANDARD RATING	CARRIER GAS FURNACE OR ACCESSORY TDR†	ACCESSORY TXV‡		
030-30	CC5A/CD5AA036	29,000	TDR	11.20	—	11.20	10.05	
	CC5A/CD5AW030	28,200	TDR	11.00	—	11.00	9.80	
	CD5AW036	29,000	TDR	11.20	—	11.20	10.05	
	CE3AA036	28,400	TDR	11.00	—	11.00	9.80	
	CE3AA042	29,000	TDR	11.00	—	11.00	9.95	
	CK3BA030	28,200	TDR	11.00	—	11.00	9.70	
	CK3BA036	29,000	TDR	11.20	—	11.20	10.05	
	CK5A/CK5BA030	28,200	TDR	11.00	—	11.00	9.70	
	CK5A/CK5BA036	29,000	TDR	11.20	—	11.20	10.05	
	CK5A/CK5BN036	27,000	TDR	11.00	—	11.00	9.95	
	CK5A/CK5BW030	28,200	TDR	11.00	—	11.00	9.70	
	COILS + 58U(H,X)V080-16 VARIABLE-SPEED FURNACE							
	CC5A/CD5AA030	28,400	TDR	11.00	—	11.00	9.80	
	CC5A/CD5AA036	29,000	TDR	11.20	—	11.20	10.05	
	CC5A/CD5AW030	28,400	TDR	11.00	—	11.00	9.80	
	CD5AW036	29,000	TDR	11.20	—	11.20	10.05	
	CE3AA036	28,400	TDR	11.00	—	11.00	9.80	
	CE3AA042	29,000	TDR	11.20	—	11.20	9.95	
	CK3BA030	28,400	TDR	11.00	—	11.00	9.85	
	CK3BA036	29,000	TDR	11.20	—	11.20	10.20	
	CK5A/CK5BW030	28,400	TDR	11.00	—	11.00	9.85	
	CK5A/CK5BW036	29,000	TDR	11.20	—	11.20	10.20	
	036-30	CC5A/CD5AA036*	33,400	NONE	10.00	10.20	10.20	9.20
		CC5A/CD5AA042	33,400	NONE	10.00	10.20	10.20	9.20
CC5A/CD5AW042		33,000	NONE	10.00	10.20	10.20	9.15	
CD5AW036		33,400	NONE	10.00	10.20	10.20	9.20	
CE3AA036		33,000	NONE	10.00	10.20	10.20	9.10	
CE3AA042		33,200	NONE	10.00	10.20	10.20	9.25	
CF5AA036		33,200	NONE	10.00	10.20	10.20	9.15	
CK3BA036		33,400	NONE	10.00	10.20	10.20	9.20	
CK3BA042		33,400	NONE	10.00	10.20	10.20	9.20	
CK5A/CK5BA036		33,400	NONE	10.00	10.20	10.20	9.20	
CK5A/CK5BA042		33,400	NONE	10.00	10.20	10.20	9.20	
CK5A/CK5BN036		31,000	NONE	10.00	10.20	10.20	9.30	
CK5A/CK5BN042		32,400	NONE	10.00	10.20	10.20	9.20	
CK5A/CK5BW036		33,400	NONE	10.00	10.20	10.20	9.20	
F(A,B)4ANF036		32,400	TDR	10.00	—	10.00	8.95	
F(A,B)4AN(F,B)042		33,400	TDR	10.00	—	10.00	9.15	
FC4BNF036		32,400	TDR & TXV	10.00	—	—	8.95	
FC4BN(F,B)042		33,400	TDR & TXV	10.00	—	—	9.15	
FG3AAA036		32,200	NONE	—	10.00	10.00	9.05	
FK4BNB005		35,000	TDR & TXV	11.50	—	—	10.20	
FK4BNB006		35,000	TDR & TXV	11.50	—	—	10.40	
FK4BNF001		32,800	TDR & TXV	10.50	—	—	9.35	
FK4BNF002		32,800	TDR & TXV	10.50	—	—	9.40	
FK4BNF003		33,400	TDR & TXV	11.00	—	—	9.90	
FK4BNF004		33,400	TDR & TXV	11.00	—	—	9.75	
FK4CNF001		32,800	TDR & TXV	10.50	—	—	9.35	
40FKA/FK4CNB006		35,000	TDR & TXV	11.50	—	—	10.40	
40FKA/FK4CNF002		32,800	TDR & TXV	10.50	—	—	9.40	
40FKA/FK4CNF003		33,400	TDR & TXV	11.00	—	—	9.90	
40FKA/FK4CNF005		35,000	TDR & TXV	11.50	—	—	10.20	
COILS + 58MVP040-14 VARIABLE-SPEED FURNACE								
CC5A/CD5AA036		34,600	TDR	11.00	—	11.00	9.45	
CK3BA036		33,000	TDR	11.00	—	11.00	9.75	
CK3BA042		33,200	TDR	11.00	—	11.00	9.80	
CK5A/CK5BA042		33,200	TDR	11.00	—	11.00	9.80	
CK5A/CK5BW036		33,000	TDR	11.00	—	11.00	9.75	
COILS + 58MVP060-14 VARIABLE-SPEED FURNACE								
CC5A/CD5AA036		34,600	TDR	11.00	—	11.00	9.45	
CK3BA036		33,000	TDR	11.00	—	11.00	9.70	
CK3BA042		33,200	TDR	11.00	—	11.00	9.80	
CK5A/CK5BA036		33,000	TDR	11.00	—	11.00	9.70	
CK5A/CK5BN042		31,200	TDR	11.00	—	11.00	9.80	
COILS + 58MVP080-14 VARIABLE-SPEED FURNACE								
CC5ACD5AA036		34,600	TDR	11.00	—	11.00	9.45	
CK3BA036		33,000	TDR	11.00	—	11.00	9.80	
CK3BA042		33,200	TDR	11.00	—	11.00	9.85	
CK5A/CK5BA042		33,200	TDR	11.00	—	11.00	9.85	
CK5A/CK5BW036		33,000	TDR	11.00	—	11.00	9.80	
COILS + 58MVP080-20 VARIABLE-SPEED FURNACE								
CK3BA036	33,000	TDR	11.00	—	11.00	9.70		
CK3BA042	33,200	TDR	11.00	—	11.00	9.80		
CK5A/CK5BA042	33,200	TDR	11.00	—	11.00	9.80		
CK5A/CK5BW036	33,000	TDR	11.00	—	11.00	9.70		
COILS + 58MVP100-20 VARIABLE-SPEED FURNACE								
CC5A/CD5AA036	34,600	TDR	11.00	—	11.00	9.45		
CK3BA036	33,000	TDR	11.00	—	11.00	9.95		
CK3BA042	33,200	TDR	11.00	—	11.00	10.00		
CK5A/CK5BA042	33,200	TDR	11.00	—	11.00	10.00		
CK5A/CK5BW036	33,000	TDR	11.00	—	11.00	9.95		

See notes on pg. 15.

Combination ratings continued

UNIT SIZE-SERIES	INDOOR UNIT	TOT. CAP. BTUH	SEER				EER	
			FACTORY- SUPPLIED ENHANCE- MENT	STANDARD RATING	CARRIER GAS FURNACE OR ACCESSORY TDR†	ACCESSORY TXV‡		
036-30	COILS + 58MVP120-20 VARIABLE-SPEED FURNACE							
	CK3BA036	33,000	TDR	11.00	—	11.00	9.90	
	CK3BA042	33,200	TDR	11.00	—	11.00	9.95	
	CK5A/CK5BA042	33,200	TDR	11.00	—	11.00	9.95	
	CK5A/CK5BW036	33,000	TDR	11.00	—	11.00	9.90	
	COILS + 58U(H,X)V060-12 VARIABLE-SPEED FURNACE							
	CC5A/CD5AA036	34,800	TDR	10.80	—	10.80	9.40	
	CC5A/CD5AA042	34,800	TDR	11.00	—	11.00	9.45	
	CC5A/CD5AW042	34,600	TDR	11.00	—	11.00	9.40	
	CD5AW036	34,800	TDR	10.80	—	10.80	9.40	
	CE3AA036	34,400	TDR	10.80	—	10.80	9.30	
	CE3AA042	35,000	TDR	11.00	—	11.00	9.50	
	CK3BA036	33,000	TDR	10.80	—	10.80	9.70	
	CK3BA042	33,200	TDR	11.00	—	11.00	9.75	
	CK5A/CK5BA036	33,000	TDR	10.80	—	10.80	9.70	
	CK5A/CK5BN036	31,000	TDR	10.80	—	10.80	9.60	
	COILS + 58U(H,X)V080-16 VARIABLE-SPEED FURNACE							
	CC5A/CD5AA036	34,800	TDR	11.00	—	11.00	9.40	
	CC5A/CD5AA042	34,800	TDR	11.20	—	11.20	9.45	
	CC5A/CD5AW042	34,600	TDR	11.00	—	11.00	9.40	
	CD5AW036	34,800	TDR	11.00	—	11.00	9.40	
	CE3AA036	34,400	TDR	11.00	—	11.00	9.30	
	CE3AA042	35,000	TDR	11.00	—	11.00	9.50	
	CK3BA036	33,000	TDR	11.00	—	11.00	9.85	
	CK3BA042	33,200	TDR	11.00	—	11.00	9.90	
	CK5A/CK5BA042	33,200	TDR	11.00	—	11.00	9.90	
	CK5A/CK5BW036	33,000	TDR	11.00	—	11.00	9.85	
	COILS + 58U(H,X)V100-20 VARIABLE-SPEED FURNACE							
	CC5A/CD5AA036	34,800	TDR	11.00	—	11.00	9.40	
	CC5A/CD5AA042	34,800	TDR	11.20	—	11.20	9.45	
	CC5A/CD5AW042	34,600	TDR	11.00	—	11.00	9.40	
	CD5AW036	34,800	TDR	11.00	—	11.00	9.40	
	CE3AA036	34,400	TDR	11.00	—	11.00	9.30	
	CE3AA042	35,000	TDR	11.00	—	11.00	9.50	
	CK3BA036	33,000	TDR	11.00	—	11.00	10.05	
	CK3BA042	33,200	TDR	11.00	—	11.00	10.10	
	CK5A/CK5BA042	33,200	TDR	11.00	—	11.00	10.10	
	CK5A/CK5BW036	33,000	TDR	11.00	—	11.00	10.05	
	COILS + 58U(H,X)V120-20 VARIABLE-SPEED FURNACE							
	CC5A/CD5AA036	34,800	TDR	11.00	—	11.00	9.40	
	CC5A/CD5AA042	34,800	TDR	11.20	—	11.20	9.45	
	CC5A/CD5AW042	34,600	TDR	11.00	—	11.00	9.40	
	CD5AW036	34,800	TDR	11.00	—	11.00	9.40	
	CE3AA036	34,400	TDR	11.00	—	11.00	9.30	
	CE3AA042	35,000	TDR	11.00	—	11.00	9.50	
	CK3BA036	33,000	TDR	11.00	—	11.00	9.95	
	CK3BA042	33,200	TDR	11.00	—	11.00	10.05	
	CK5A/CK5BA042	33,200	TDR	11.00	—	11.00	10.05	
	CK5A/CK5BW036	33,000	TDR	11.00	—	11.00	9.95	
	042-30	CC5A/CD5AA042*	40,000	NONE	10.20	10.50	10.50	9.50
		CC5A/CD5AC048	40,000	NONE	10.00	10.50	10.50	9.40
		CC5A/CD5AW042	40,000	NONE	10.00	10.50	10.50	9.45
CC5A/CD5AW048		40,000	NONE	10.00	10.50	10.50	9.50	
CD5AA048		40,000	NONE	10.00	10.50	10.50	9.50	
CE3AA042		40,000	NONE	10.00	10.50	10.50	9.55	
CE3AA048		40,500	NONE	10.00	10.50	10.50	9.60	
CF5AA048		41,000	NONE	10.00	10.50	10.50	9.55	
CK3BA042		40,000	NONE	10.20	10.50	10.50	9.50	
CK3BA048		40,000	NONE	10.00	10.50	10.50	9.55	
CK5A/CK5BA042		40,000	NONE	10.20	10.50	10.50	9.50	
CK5A/CK5BA048		40,000	NONE	10.00	10.50	10.50	9.55	
CK5A/CK5BN042		39,000	NONE	10.20	10.50	10.50	9.50	
CK5A/CK5BW048		40,000	NONE	10.00	10.50	10.50	9.55	
F(A,B)4AN(F,B)042		40,000	TDR	10.00	—	10.00	9.40	
F(A,B)4AN(F,B)048		41,000	TDR	10.50	—	10.50	9.50	
FC4BN(F,B)042		40,000	TDR & TXV	10.00	—	—	9.40	
FC4BN(F,B)048		41,000	TDR & TXV	10.50	—	—	9.50	
FC4BNB054		41,500	TDR & TXV	11.00	—	—	10.05	
FG3AAA048		40,000	NONE	10.00	10.50	10.50	9.50	
FK4BNB005		42,000	TDR & TXV	11.50	—	—	10.35	
FK4BNB006		42,000	TDR & TXV	11.50	—	—	10.65	
FK4BNF003		40,500	TDR & TXV	11.00	—	—	10.05	
40FKA/FK4CNB006		42,000	TDR & TXV	11.50	—	—	10.65	
40FKA/FK4CNF003		40,500	TDR & TXV	11.00	—	—	10.05	
40FKA/FK4CNF005		42,000	TDR & TXV	11.50	—	—	10.35	

See notes on pg. 15.

Combination ratings continued

UNIT SIZE-SERIES	INDOOR UNIT	TOT. CAP. BTUH	SEER				EER
			FACTORY- SUPPLIED ENHANCE- MENT	STANDARD RATING	CARRIER GAS FURNACE OR ACCESSORY TDR†	ACCESSORY TXV‡	
042-30	COILS + 58MVP060-14 VARIABLE-SPEED FURNACE						
	CK3BA042	39,500	TDR	11.00	—	11.00	9.85
	CK5A/CK5BN042	38,500	TDR	11.00	—	11.00	9.85
	COILS + 58MVP060-14 VARIABLE-SPEED FURNACE						
	CK3BA042	39,500	TDR	11.00	—	11.00	9.85
	CK5A/CK5BN042	38,500	TDR	11.00	—	11.00	9.85
	COILS + 58MVP080-14 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA042	40,000	TDR	11.00	—	11.00	10.25
	CK3BA042	39,500	TDR	11.00	—	11.00	9.95
	CK3BA048	40,000	TDR	11.00	—	11.00	10.05
	CK5A/CK5BA042	39,500	TDR	11.00	—	11.00	9.95
	CK5A/CK5BA048	40,000	TDR	11.00	—	11.00	10.05
	COILS + 58MVP080-20 VARIABLE-SPEED FURNACE						
	CK3BA042	39,500	TDR	11.00	—	11.00	9.80
	CK3BA048	40,000	TDR	11.00	—	11.00	9.95
	CK5A/CK5BA042	39,500	TDR	11.00	—	11.00	9.80
	CK5A/CK5BA048	40,000	TDR	11.00	—	11.00	9.95
	COILS + 58MVP100-20 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA042	40,000	TDR	11.00	—	11.00	10.25
	CK3BA042	39,500	TDR	11.00	—	11.00	10.10
	CK3BA048	40,000	TDR	11.00	—	11.00	10.20
	CK5A/CK5BA042	39,500	TDR	11.00	—	11.00	10.10
	CK5A/CK5BA048	40,000	TDR	11.00	—	11.00	10.20
	COILS + 58MVP120-20 VARIABLE-SPEED FURNACE						
	CK3BA042	39,500	TDR	11.00	—	11.00	10.10
	CK3BA048	40,000	TDR	11.00	—	11.00	10.20
	CK5A/CK5BA042	39,500	TDR	11.00	—	11.00	10.10
	CK5A/CK5BW048	40,000	TDR	11.00	—	11.00	10.20
	COILS + 58U(H,X)V060-12 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA042	40,000	TDR	11.20	—	11.20	10.00
	CC5A/CD5AW042	40,000	TDR	11.20	—	11.20	9.95
	CC5A/CD5AW048	40,000	TDR	11.50	—	11.50	10.15
	CD5AA048	40,000	TDR	11.50	—	11.50	10.15
	CE3AA042	40,500	TDR	11.20	—	11.20	10.00
	CE3AA048	40,500	TDR	11.50	—	11.50	10.10
	COILS + 58U(H,X)V080-16 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA042	40,000	TDR	11.20	—	11.20	10.00
	CC5A/CD5AW042	40,000	TDR	11.20	—	11.20	9.95
	CC5A/CD5AW048	40,000	TDR	11.50	—	11.50	10.15
	CD5AA048	40,000	TDR	11.50	—	11.50	10.15
	CE3AA042	40,500	TDR	11.20	—	11.20	10.00
	CE3AA048	40,500	TDR	11.50	—	11.50	10.10
	CK3BA042	40,000	TDR	11.00	—	11.00	9.95
	CK3BA048	40,000	TDR	11.00	—	11.00	10.05
	CK5A/CK5BA042	40,000	TDR	11.00	—	11.00	9.95
	CK5A/CK5BA048	40,000	TDR	11.00	—	11.00	10.05
	COILS + 58U(H,X)V100-20 VARIABLE-SPEED FURNACE						
	CC5A/CD5AA042	40,000	TDR	11.20	—	11.20	10.00
CC5A/CD5AW042	40,000	TDR	11.20	—	11.20	9.95	
CC5A/CD5AW048	40,000	TDR	11.50	—	11.50	10.15	
CD5AA048	40,000	TDR	11.50	—	11.50	10.15	
CE3AA042	40,500	TDR	11.20	—	11.20	10.00	
CE3AA048	40,500	TDR	11.50	—	11.50	10.10	
CK3BA042	40,000	TDR	11.20	—	11.20	10.20	
CK3BA048	40,000	TDR	11.50	—	11.50	10.30	
CK5A/CK5BA042	40,000	TDR	11.20	—	11.20	10.20	
CK5A/CK5BW048	40,000	TDR	11.50	—	11.50	10.30	
COILS + 58U(H,X)V120-20 VARIABLE-SPEED FURNACE							
CC5A/CD5AA042	40,000	TDR	11.20	—	11.20	10.00	
CC5A/CD5AW042	40,000	TDR	11.20	—	11.20	9.95	
CC5A/CD5AW048	40,000	TDR	11.50	—	11.50	10.15	
CD5AA048	40,000	TDR	11.50	—	11.50	10.15	
CE3AA042	40,500	TDR	11.20	—	11.20	10.00	
CE3AA048	40,500	TDR	11.50	—	11.50	10.10	
CK3BA042	40,000	TDR	11.20	—	11.20	10.15	
CK3BA048	40,000	TDR	11.50	—	11.50	10.30	
CK5A/CK5BA042	40,000	TDR	11.20	—	11.20	10.15	
CK5A/CK5BW048	40,000	TDR	11.50	—	11.50	10.30	
048-34, 35	CD5AA048*	46,500	NONE	10.30	10.50	10.50	9.25
	CC5A/CD5AA060	47,000	NONE	10.30	10.50	10.50	9.30
	CC5A/CD5AC048	45,500	NONE	10.20	10.40	10.40	9.15
	CC5A/CD5AW048	46,500	NONE	10.30	10.50	10.50	9.25
	CC5A/CD5AW060	48,000	NONE	10.50	10.70	10.70	9.45
	CE3AA048	47,000	NONE	10.30	10.50	10.50	9.35
	CE3AA060	48,000	NONE	10.30	10.50	10.50	9.50
	CF5AA048	46,500	NONE	10.30	10.50	10.50	9.30

See notes on pg. 15.

Combination ratings continued

UNIT SIZE-SERIES	INDOOR UNIT	TOT. CAP. BTUH	SEER				EER	
			FACTORY- SUPPLIED ENHANCE- MENT	STANDARD RATING	CARRIER GAS FURNACE OR ACCESSORY TDR†	ACCESSORY TXV‡		
	CK3BA048	46,500	NONE	10.30	10.50	10.50	9.30	
	CK3BA060	47,000	NONE	10.30	10.50	10.50	9.45	
	CK5A/CK5BA048	46,500	NONE	10.30	10.50	10.50	9.30	
	CK5A/CK5BA060	47,000	NONE	10.30	10.50	10.50	9.45	
	CK5A/CK5BN048	45,500	NONE	10.30	10.50	10.50	9.30	
	CK5A/CK5BN060	47,000	NONE	10.30	10.50	10.50	9.60	
	CK5A/CK5BT048	46,500	NONE	10.30	10.50	10.50	9.30	
	CK5A/CK5BT060	47,000	NONE	10.30	10.50	10.50	9.45	
	CK5A/CK5BW048	46,500	NONE	10.30	10.50	10.50	9.30	
	CK5A/CK5BX060	48,000	NONE	10.50	10.70	10.70	9.60	
	F(A,B)4AN(F,B,C)048	47,500	TDR	10.50	—	10.50	9.25	
	F(A,B)4AN(F,B,C)060	48,000	TDR	10.50	—	10.50	9.30	
	FB4ANB070	48,000	TDR	10.50	—	10.50	9.60	
	FC4BN(F,B)048	47,500	TDR&TXV	10.50	—	—	9.25	
	FC4BN(F,B)060	48,000	TDR&TXV	10.50	—	—	9.30	
	FC4BNB054	48,000	TDR&TXV	10.70	—	—	9.65	
	FC4BNB070	48,000	TDR&TXV	10.70	—	—	9.60	
	FG3AAA048	46,000	None	10.00	10.50	10.50	9.20	
	FG3AAA060	48,000	None	10.30	10.50	10.50	9.40	
	FK4CNB006	48,000	TDR&TXV	11.50	—	—	10.35	
	FK4CNF005	47,500	TDR&TXV	11.30	—	—	10.05	
COILS + 58MVP080-20 VARIABLE-SPEED FURNACE								
	CC5A/CD5AA060	46,000	TDR	10.50	—	10.50	9.55	
	CC5A/CD5AW060	46,500	TDR	11.00	—	11.00	9.80	
COILS + 58MVP100-20 VARIABLE-SPEED FURNACE								
	CC5A/CD5AA060	46,000	TDR	10.50	—	10.50	9.55	
	CC5A/CD5AW060	46,500	TDR	11.00	—	11.00	9.80	
	CK3BA060	46,000	TDR	10.50	—	10.50	9.75	
	CK5A/CK5BA060	46,000	TDR	10.50	—	10.50	9.75	
	CK5A/CK5BT060	46,000	TDR	10.50	—	10.50	9.75	
	CK5A/CK5BX060	46,500	TDR	11.00	—	11.00	9.95	
COILS + 58MVP120-20 VARIABLE-SPEED FURNACE								
048-34, 35	CC5A/CD5AA060	46,000	TDR	10.50	—	10.50	9.55	
	CC5A/CD5AW060	46,500	TDR	11.00	—	11.00	9.80	
	CK3BA060	46,500	TDR	11.00	—	11.00	9.80	
	CK5A/CK5BA060	46,500	TDR	11.00	—	11.00	9.80	
	CK5A/CK5BT060	46,500	TDR	11.00	—	11.00	9.80	
	CK5A/CK5BW048	46,500	TDR	10.50	—	10.50	9.60	
	CK5A/CK5BX060	46,500	TDR	11.00	—	11.00	9.95	
	COILS + 58U(H,X)V080-16 VARIABLE-SPEED FURNACE							
		CC5A/CD5AC048	45,500	TDR	10.50	—	10.50	9.45
		CD5AA048	46,000	TDR	10.80	—	10.80	9.50
		CK3BA048	46,500	TDR	10.80	—	10.80	9.45
		CK5A/CK5BA048	46,500	TDR	10.80	—	10.80	9.45
		CK5A/CK5BT048	46,500	TDR	10.80	—	10.80	9.45
	COILS + 58U(H,X)V100-20 VARIABLE-SPEED FURNACE							
		CC5A/CD5AA060	46,500	TDR	11.00	—	11.00	9.80
		CC5A/CD5AW048	46,000	TDR	10.80	—	10.80	9.75
		CC5A/CD5AW060	46,500	TDR	11.00	—	11.00	10.00
		CK3BA060	46,500	TDR	11.00	—	11.00	10.05
		CK5A/CK5BA060	46,500	TDR	11.00	—	11.00	10.05
		CK5A/CK5BT060	46,500	TDR	11.00	—	11.00	10.05
	CK5A/CK5BW048	46,000	TDR	10.80	—	10.80	9.80	
	CK5A/CK5BX060	46,500	TDR	11.00	—	11.00	10.25	
COILS + 58U(H,X)V120-20 VARIABLE-SPEED FURNACE								
	CC5A/CD5AA060	46,000	TDR	11.00	—	11.00	9.65	
	CC5A/CD5AW048	46,000	TDR	10.80	—	10.80	9.65	
	CC5A/CD5AW060	46,500	TDR	11.00	—	11.00	9.85	
	CK3BA060	46,000	TDR	11.00	—	11.00	9.95	
	CK5A/CK5BA060	46,000	TDR	11.00	—	11.00	9.95	
	CK5A/CK5BT060	46,000	TDR	11.00	—	11.00	9.95	
	CK5A/CK5BW048	46,000	TDR	10.80	—	10.80	9.75	
	CK5A/CK5BX060	46,500	TDR	11.00	—	11.00	10.15	

See notes on pg. 15.

Combination ratings continued

UNIT SIZE-SERIES	INDOOR UNIT	TOT. CAP. BTUH	SEER				EER	
			FACTORY- SUPPLIED ENHANCE- MENT	STANDARD RATING	CARRIER GAS FURNACE OR ACCESSORY TDR†	ACCESSORY TXV‡		
060-33	CC5A/CD5AW060*	57,500	NONE	10.00	10.30	10.30	8.95	
	CC5A/CD5AA060	55,000	NONE	10.00	10.20	10.20	8.80	
	CE3AA060	57,500	NONE	10.00	10.30	10.30	9.05	
	CK3BA060	55,000	NONE	10.00	10.20	10.20	8.95	
	CK5A/CK5BA060	55,000	NONE	10.00	10.20	10.20	8.95	
	CK5A/CK5BN060	55,000	NONE	10.50	—	10.50	9.10	
	CK5A/CK5BX060	57,500	NONE	10.00	10.30	10.30	9.05	
	F(A,B)4AN(F,B)060	57,500	TDR	10.00	—	10.00	8.70	
	FB4ANB070	58,500	TDR	10.50	—	10.50	9.05	
	FC4BNB070	58,500	TDR & TXV	10.50	—	—	9.05	
	FC4BN(F,B)060	57,500	TDR & TXV	10.00	—	—	8.70	
	FG3AAA060	56,500	NONE	10.00	10.20	10.20	8.90	
	FK4BNB006	58,000	TDR & TXV	10.50	—	—	9.40	
	40FKA/FK4CNB006	58,000	TDR & TXV	10.50	—	—	9.45	
	COILS + 58U(H,X)V100-20 VARIABLE-SPEED FURNACE							
		CC5A/CD5AA060	55,000	TDR	10.40	—	10.40	8.95
		CC5A/CD5AW060	56,500	TDR	10.50	—	10.50	9.20
		CE3AA060	56,500	TDR	10.50	—	10.50	9.25
		CK3BA060	55,000	TDR	10.40	—	10.40	9.10
		CK5A/CK5BA060	55,000	TDR	10.40	—	10.40	9.10
		CK5A/CK5BX060	56,500	TDR	10.50	—	10.50	9.35
	COILS + 58U(H,X)V120-20 VARIABLE-SPEED FURNACE							
		CC5A/CD5AA060	55,000	TDR	10.40	—	10.40	8.95
		CC5A/CD5AW060	56,500	TDR	10.50	—	10.50	9.20
		CE3AA060	56,500	TDR	10.50	—	10.50	9.25
		CK3BA060	55,000	TDR	10.40	—	10.40	9.00
		CK5A/CK5BA060	55,000	TDR	10.40	—	10.40	9.00
		CK5A/CK5BX060	56,500	TDR	10.50	—	10.50	9.25

* 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.

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												
		85			95			105			115			
CFM	EWB	Capacity MBtu/h†		Total System Kw**	Capacity MBtu/h†		Total System Kw**	Capacity MBtu/h†		Total System Kw**	Capacity MBtu/h†		Total System Kw**	
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		
38TKB018-30 Outdoor Section With CC5A/CD5AA018 Indoor Section														
550	72	20.1	9.80	1.79	19.0	9.39	1.89	17.8	8.95	1.99	16.6	8.50	2.08	
	67	18.3	12.3	1.73	17.2	11.8	1.82	16.1	11.4	1.91	15.0	10.9	2.00	
	62	16.5	14.7	1.67	15.5	14.2	1.76	14.5	13.6	1.84	13.4	13.0	1.92	
	57	15.6	15.6	1.64	14.8	14.8	1.73	14.0	14.0	1.82	13.2	13.2	1.91	
600	72	20.4	10.1	1.82	19.2	9.64	1.92	18.0	9.20	2.02	16.8	8.75	2.11	
	67	18.5	12.7	1.76	17.4	12.3	1.85	16.3	11.8	1.94	15.1	11.3	2.03	
	62	16.7	15.3	1.70	15.7	14.7	1.79	14.7	14.2	1.87	13.6	13.5	1.96	
	57	16.0	16.0	1.67	15.2	15.2	1.77	14.4	14.4	1.86	13.5	13.5	1.95	
675	72	20.7	10.4	1.87	19.5	10.0	1.96	18.3	9.58	2.06	17.0	9.12	2.16	
	67	18.8	13.4	1.80	17.7	12.9	1.89	16.5	12.5	1.99	15.3	12.0	2.08	
	62	17.0	16.1	1.74	16.0	15.5	1.83	14.9	14.8	1.92	14.0	14.0	2.01	
	57	16.5	16.5	1.72	15.7	15.7	1.82	14.8	14.8	1.91	14.0	14.0	2.01	

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	40FKA/FK4CNF	002	1.05	0.95
	024	1.02	1.01				
CC5A/CD5AA	024	1.02	1.01	COILS + 58MVP040-14 VARIABLE-SPEED FURNACE			
CC5A/CD5AW	024	1.02	1.01	CC5A/CD5AA	018	1.02	0.97
CE3AA	024	1.03	1.01	COILS + 58MVP060-14 VARIABLE-SPEED FURNACE			
CF5AA	024	1.03	1.01	CC5A/CD5AA	018	1.02	0.97
CK3BA	024	1.02	1.02	CK3BA	024	1.02	0.96
CK5A/CK5BA	018	1.00	1.01	CK5A/CK5BW	024	1.02	0.96
	024	1.02	1.02				
CK5A/CK5BW	024	1.02	1.02	COILS + 58MVP080-14 VARIABLE-SPEED FURNACE			
F(A,B)4ANF	018	0.98	1.00	CC5A/CD5AA	018	1.02	0.97
	024	1.02	1.02	CK3BA	024	1.02	0.96
FC4BNF	024	1.02	1.02	CK5A/CK5BW	024	1.02	0.96
FF1(A,B)NA	018	0.99	0.96	COILS + 58U(H,X)V060-12 VARIABLE-SPEED FURNACE			
	024	1.02	1.02	CC5A/CD5AA	018	1.00	0.94
FG3AAA	024	1.02	1.01	CC5A/CD5AA	024	1.02	0.94
FK4BNF	001	1.05	0.95	CE3AA	024	1.02	0.95
	002	1.05	0.95	CK3BA	024	1.02	0.93
	004	1.05	0.94	CK5A/CK5BA	018	1.00	0.93
FK4CNF	001	1.05	0.95				

See notes on pg. 24.

Detailed cooling capacities* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F											
		85			95			105			115		
		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‡				
38TKB024-30 Outdoor Section With CC5A/CD5AA024 Indoor Section													
700	72	25.7	12.6	2.40	24.3	12.1	2.52	22.7	11.5	2.64	21.2	11.0	2.75
	67	23.3	15.9	2.30	22.0	15.3	2.41	20.5	14.7	2.52	19.1	14.1	2.63
	62	21.1	19.0	2.20	19.8	18.3	2.31	18.5	17.6	2.41	17.2	16.9	2.51
	57	20.1	20.1	2.16	19.1	19.1	2.27	18.0	18.0	2.39	17.0	17.0	2.50
800	72	26.2	13.2	2.47	24.7	12.6	2.59	23.1	12.1	2.70	21.5	11.5	2.82
	67	23.8	16.8	2.36	22.4	16.2	2.47	20.9	15.6	2.58	19.4	15.0	2.69
	62	21.6	20.2	2.27	20.2	19.5	2.37	18.9	18.7	2.48	17.7	17.7	2.58
	57	20.9	20.9	2.24	19.8	19.8	2.35	18.8	18.8	2.47	17.7	17.7	2.58
900	72	26.6	13.7	2.53	25.1	13.2	2.65	23.4	12.6	2.76	21.8	12.0	2.87
	67	24.2	17.7	2.42	22.7	17.2	2.54	21.2	16.5	2.64	19.6	15.9	2.75
	62	22.0	21.3	2.33	20.6	20.5	2.44	19.4	19.4	2.54	18.2	18.2	2.66
	57	21.6	21.6	2.31	20.5	20.5	2.43	19.4	19.4	2.54	18.2	18.2	2.66

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	COILS + 58MVP040-14 VARIABLE-SPEED FURNACE				
	030	1.00	1.00	CC5A/CD5AA	024	1.01	0.94	
CC5A/CD5AW	024	0.99	1.00	CK3BA	024	1.01	0.95	
	030	1.00	1.00		030	1.03	0.95	
CE3AA	024	1.00	1.00	CK5A/CK5BW	030	1.03	0.95	
	030	1.01	1.01	COILS + 58MVP060-14 VARIABLE-SPEED FURNACE				
CF5AA	024	0.99	1.00	CC5A/CD5AA	024	1.01	0.94	
CK3BA	024	1.00	1.00	CK3BA	024	1.01	0.95	
	030	1.00	1.01		030	1.03	0.95	
		024	1.00		1.00	CK5A/CK5BW	024	1.01
CK5A/CK5BA	030	1.00	1.01	030	1.03	0.95		
	024	1.00	1.00	COILS + 58MVP080-14 VARIABLE-SPEED FURNACE				
CK5A/CK5BW	030	1.00	1.01	CC5A/CD5AA	024	1.01	0.94	
	024	1.00	1.00	CK3BA	024	1.01	0.93	
F(A,B)4ANF	024	0.99	1.00		030	1.03	0.94	
	030	1.03	1.01	CK5A/CK5BW	024	1.01	0.93	
FC4BNF	024	0.99	1.00		030	1.03	0.94	
	030	1.03	1.01	COILS + 58U(H,X)V060-12 VARIABLE-SPEED FURNACE				
FF1(A,B)NA	024	0.99	1.01	CC5A/CD5AA	024	1.00	0.93	
	030	1.00	1.02		030	1.02	0.93	
FG3AAA	024	0.96	1.00	CC5A/CD5AW	024	1.00	0.93	
FK4BNF	001	1.05	0.95		030	1.02	0.93	
	002	1.06	0.95	CE3AA	024	1.01	0.94	
	003	1.05	0.93		030	1.02	0.94	
	004	1.06	0.93	CK3BA	024	1.00	0.92	
FK4CNF	001	1.05	0.95		030	1.02	0.92	
	40FKA/FK4CNF	002	1.06	0.95	CK5A/CK5BA	024	1.00	0.92
		003	1.05	0.93		030	1.02	0.92
—	—	—	—	CK5A/CK5BW	030	1.02	0.92	

See notes on pg. 24.

Detailed cooling capacities* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F											
		85			95			105			115		
CFM	EWB	Capacity MBtu/h†		Total System Kw**	Capacity MBtu/h†		Total System Kw**	Capacity MBtu/h†		Total System Kw**	Capacity MBtu/h†		Total System Kw**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
38TKB030-30 Outdoor Section With CC5A/CD5AA030 Indoor Section													
900	72	32.9	16.1	3.00	31.0	15.4	3.19	29.0	14.7	3.37	27.0	14.0	3.54
	67	29.8	20.3	2.89	28.0	19.5	3.06	26.2	18.7	3.23	24.4	18.0	3.39
	62	26.9	24.2	2.78	25.2	23.3	2.94	23.5	22.5	3.09	21.9	21.5	3.24
	57	25.6	25.6	2.73	24.3	24.3	2.90	23.0	23.0	3.06	21.6	21.6	3.22
1000	72	33.5	16.7	3.06	31.5	16.0	3.25	29.4	15.2	3.43	27.4	14.5	3.61
	67	30.3	21.2	2.95	28.5	20.4	3.12	26.6	19.7	3.29	24.7	18.9	3.45
	62	27.4	25.4	2.84	25.7	24.5	3.00	24.0	23.5	3.16	22.3	22.3	3.31
	57	26.4	26.4	2.80	25.1	25.1	2.97	23.7	23.7	3.14	22.3	22.3	3.31
1100	72	33.9	17.2	3.12	31.8	16.5	3.30	29.7	15.7	3.49	27.7	15.0	3.67
	67	30.8	22.1	3.00	28.8	21.3	3.18	26.9	20.6	3.35	25.0	19.8	3.51
	62	27.8	26.6	2.89	26.1	25.5	3.06	24.4	24.3	3.22	22.9	22.9	3.39
	57	27.1	27.1	2.87	25.7	25.7	3.04	24.3	24.3	3.22	22.9	22.9	3.39

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	CK3BA	030	1.02	0.98
	036	1.04	1.01		036	1.04	0.99
CC5A/CD5AW	030	0.99	1.00	CK5A/CK5BW	030	1.02	0.98
CD5AW	036	1.04	1.01		036	1.04	0.99
CE3AA	030	0.99	1.00	COILS + 58MVP080-20 VARIABLE-SPEED FURNACE			
	036	1.02	1.01	CK3BA	030	1.02	0.99
CF5AA	036	1.03	1.01		036	1.04	1.00
CK3BA	030	1.00	1.00	CK5A/CK5BW	030	1.02	0.99
	036	1.04	1.02		036	1.04	1.00
CK5A/CK5BA	030	1.00	1.00	COILS + 58MVP100-20 VARIABLE-SPEED FURNACE			
	036	1.04	1.02	CK3BA	030	1.02	0.97
CK5A/CK5BN	036	0.96	1.02		036	1.04	0.98
CK5A/CK5BW	030	1.00	1.00	CK5A/CK5BW	030	1.02	0.97
	036	1.04	1.02		036	1.04	0.98
F(A,B)4ANF	030	1.01	1.00	COILS + 58MVP120-20 VARIABLE-SPEED FURNACE			
	036	1.01	1.02	CK3BA	030	1.02	0.97
FC4BNF	030	1.01	1.00		036	1.04	0.98
	036	1.01	1.02	CK5A/CK5BW	036	1.04	0.98
FF1(A,B)NA	030	1.00	1.01		COILS + 58U(H,X)V060-12 VARIABLE-SPEED FURNACE		
FG3AAA	036	1.00	1.01	CC5A/CD5AA	030	1.01	0.95
FK4BNF	001	1.05	0.99		036	1.04	0.96
	002	1.06	0.99	CC5A/CD5AW	030	1.01	0.95
	003	1.06	0.96	CD5AW	036	1.04	0.96
	004	1.06	0.97	CE3AA	036	1.01	0.95
FK4CNF	001	1.05	0.99		042	1.04	0.96
	40FKA/FK4CNF	002	1.06	0.99	CK3BA	030	1.01
003		1.06	0.96	036		1.04	0.96
COILS + 58MVP040-14 VARIABLE-SPEED FURNACE				CK5A/CK5BA		030	1.01
CC5A/CD5AA	030	1.04	0.98		036	1.04	0.96
CK3BA	030	1.02	0.99	CK5A/CK5BN	036	0.96	0.97
	036	1.04	0.99	CK5A/CK5BW	030	1.01	0.96
CK5A/CK5BW	030	1.02	0.99	COILS + 58U(H,X)V080-16 VARIABLE-SPEED FURNACE			
	036	1.04	0.99	CC5A/CD5AA	030	1.01	0.95
COILS + 58MVP060-14 VARIABLE-SPEED FURNACE				036	1.04	0.96	
CC5A/CD5AA	030	1.04	0.98	CC5A/CD5AW	030	1.01	0.95
CK3BA	030	1.02	0.99	CD5AW	036	1.04	0.96
	036	1.04	1.00	CE3AA	036	1.01	0.95
CK5A/CK5BA	036	1.04	1.00		042	1.04	0.96
CK5A/CK5BN	036	0.96	1.00	CK3BA	030	1.01	0.95
CK5A/CK5BW	030	1.02	0.99		036	1.04	0.95
COILS + 58MVP080-14 VARIABLE-SPEED FURNACE				CK5A/CK5BW	030	1.01	0.95
CC5A/CD5AA	030	1.04	0.98		036	1.04	0.95

See notes on pg. 24.

Detailed cooling capacities* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F											
		85			95			105			115		
		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‡				
38TKB036-30 Outdoor Section With CC5A/CD5AA036 Indoor Section													
1050	72	38.6	19.3	3.48	36.3	18.4	3.69	33.9	17.5	3.90	31.5	16.7	4.10
	67	35.0	24.4	3.34	32.8	23.5	3.54	30.6	22.6	3.73	28.3	21.7	3.92
	62	31.6	29.2	3.21	29.6	28.2	3.39	27.6	27.1	3.58	25.6	25.6	3.75
	57	30.5	30.5	3.17	28.9	28.9	3.37	27.3	27.3	3.56	25.6	25.6	3.75
1200	72	39.4	20.2	3.57	36.9	19.3	3.78	34.4	18.4	3.99	32.0	17.6	4.19
	67	35.7	26.0	3.43	33.4	25.0	3.63	31.1	24.1	3.82	28.8	23.2	4.01
	62	32.3	31.2	3.30	30.3	30.0	3.49	28.4	28.4	3.68	26.6	26.6	3.88
	57	31.8	31.8	3.28	30.1	30.1	3.48	28.4	28.4	3.68	26.6	26.6	3.88
1350	72	39.9	21.0	3.66	37.4	20.2	3.87	34.9	19.3	4.07	32.3	18.4	4.28
	67	36.2	27.5	3.52	33.9	26.5	3.71	31.5	25.6	3.91	29.1	24.6	4.09
	62	33.0	32.8	3.39	31.1	31.1	3.59	29.3	29.3	3.79	27.4	27.4	3.99
	57	32.8	32.8	3.38	31.1	31.1	3.59	29.3	29.3	3.79	27.4	27.4	3.99

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	COILS + 58MVP080-14 VARIABLE-SPEED FURNACE			
	042	1.00	1.00	CC5A/CD5AA	036	1.04	1.01
CC5A/CD5AW	042	0.99	1.00		CK3BA	036	0.99
CD5AW	036	1.00	1.00	042		0.99	0.93
CE3AA	036	0.99	1.00	CK5A/CK5BA	042	0.99	0.93
	042	0.99	1.00		CK5A/CK5BW	036	0.99
CF5AA	036	0.99	1.00	COILS + 58MVP080-20 VARIABLE-SPEED FURNACE			
CK3BA	036	1.00	1.00	CK3BA	036	0.99	0.94
	042	1.00	1.00		042	0.99	0.93
CK5A/CK5BA	036	1.00	1.00	CK5A/CK5BA	042	0.99	0.93
	042	1.00	1.00	CK5A/CK5BW	036	0.99	0.94
CK5A/CK5BN	036	0.93	0.97	COILS + 58MVP100-20 VARIABLE-SPEED FURNACE			
	042	0.97	1.00	CC5A/CD5AA	036	1.04	1.01
CK5A/CK5BW	036	1.00	1.00	CK3BA	036	0.99	0.92
F(A,B)4ANF	036	0.97	1.01		042	0.99	0.92
F(A,B)4AN(F,B)	042	1.00	1.01	CK5A/CK5BA	042	0.99	0.92
FC4BNF	036	0.97	1.01	CK5A/CK5BW	036	0.99	0.92
FC4BN(F,B)	042	1.00	1.01	COILS + 58MVP120-20 VARIABLE-SPEED FURNACE			
FG3AAA	036	0.96	0.99	CK3BA	036	0.99	0.92
FK4BNB	005	1.05	0.96		042	0.99	0.92
	006	1.05	0.95	CK5A/CK5BA	042	0.99	0.92
FK4BNF	001	0.98	0.98	CK5A/CK5BW	036	0.99	0.92
	002	0.98	0.98		COILS + 58U(H,X)V060-12 VARIABLE-SPEED FURNACE		
	003	1.00	0.94	CC5A/CD5AA	036	1.04	1.02
	004	1.00	0.96		042	1.04	1.01
FK4CNF	001	0.98	0.98	CC5A/CD5AW	042	1.04	1.01
40FKA/FK4CNB	006	1.05	0.95	CD5AW	036	1.04	1.02
40FKA/FK4CNF	002	0.98	0.98	CE3AA	036	1.03	1.01
	003	1.00	0.94		042	1.05	1.02
	005	1.05	0.96	CK3BA	036	0.99	0.95
	COILS + 58MVP040-14 VARIABLE-SPEED FURNACE				042	0.99	0.94
CC5A/CD5AA	036	1.04	1.01	CK5A/CK5BA	036	0.99	0.95
CK3BA	036	0.99	0.94	CK5A/CK5BN	036	0.93	0.95
	042	0.99	0.93		COILS + 58U(H,X)V080-16 VARIABLE-SPEED FURNACE		
CK5A/CK5BA	042	0.99	0.93	CC5A/CD5AA	036	1.04	1.02
CK5A/CK5BW	036	0.99	0.94		042	1.04	1.01
COILS + 58MVP060-14 VARIABLE-SPEED FURNACE				CC5A/CD5AW	042	1.04	1.01
CC5A/CD5AA	036	1.04	1.01	CD5AW	036	1.04	1.02
CK3BA	036	0.99	0.94	CE3AA	036	1.03	1.01
	042	0.99	0.93		042	1.05	1.02
CK5A/CK5BA	036	0.99	0.94	CK3BA	036	0.99	0.94
CK5A/CK5BN	042	0.93	0.93		042	0.99	0.93
	—	—	—	CK5A/CK5BA	042	0.99	0.93
—	—	—	—	CK5A/CK5BW	036	0.99	0.94

See notes on pg. 24.

Detailed cooling capacities* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F											
		85			95			105			115		
CFM	EWB	Capacity MBtu/h†		Total System Kw**	Capacity MBtu/h†		Total System Kw**	Capacity MBtu/h†		Total System Kw**	Capacity MBtu/h†		Total System Kw**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
38TKB036-30 Outdoor Section With CC5A/CD5AA036 Indoor Section continued													
1050	72	38.6	19.3	3.48	36.3	18.4	3.69	33.9	17.5	3.90	31.5	16.7	4.10
	67	35.0	24.4	3.34	32.8	23.5	3.54	30.6	22.6	3.73	28.3	21.7	3.92
	62	31.6	29.2	3.21	29.6	28.2	3.39	27.6	27.1	3.58	25.6	25.6	3.75
	57	30.5	30.5	3.17	28.9	28.9	3.37	27.3	27.3	3.56	25.6	25.6	3.75
1200	72	39.4	20.2	3.57	36.9	19.3	3.78	34.4	18.4	3.99	32.0	17.6	4.19
	67	35.7	26.0	3.43	33.4	25.0	3.63	31.1	24.1	3.82	28.8	23.2	4.01
	62	32.3	31.2	3.30	30.3	30.0	3.49	28.4	28.4	3.68	26.6	26.6	3.88
	57	31.8	31.8	3.28	30.1	30.1	3.48	28.4	28.4	3.68	26.6	26.6	3.88
1350	72	39.9	21.0	3.66	37.4	20.2	3.87	34.9	19.3	4.07	32.3	18.4	4.28
	67	36.2	27.5	3.52	33.9	26.5	3.71	31.5	25.6	3.91	29.1	24.6	4.09
	62	33.0	32.8	3.39	31.1	31.1	3.59	29.3	29.3	3.79	27.4	27.4	3.99
	57	32.8	32.8	3.38	31.1	31.1	3.59	29.3	29.3	3.79	27.4	27.4	3.99

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
COILS + 58U(H,X)V100-20 VARIABLE-SPEED FURNACE				COILS + 58U(H,X)V120-20 VARIABLE-SPEED FURNACE			
CC5A/CD5AA	036	1.04	1.02	CC5A/CD5AA	036	1.04	1.02
	042	1.04	1.01		042	1.04	1.01
CC5A/CD5AW	042	1.04	1.01	CC5A/CD5AW	042	1.04	1.01
CD5AW	036	1.04	1.02	CD5AW	036	1.04	1.02
CE3AA	036	1.03	1.01	CE3AA	036	1.03	1.01
	042	1.05	1.02		042	1.05	1.02
CK3BA	036	0.99	0.92	CK3BA	036	0.99	0.93
	042	0.99	0.92		042	0.99	0.92
CK5A/CK5BA	042	0.99	0.92	CK5A/CK5BA	042	0.99	0.92
CK5A/CK5BW	036	0.99	0.92	CK5A/CK5BW	036	0.99	0.93

See notes on pg. 24

Detailed cooling capacities* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F											
		85			95			105			115		
		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‡	
38TKB042-30 Outdoor Section With CC5A/CD5AA042 Indoor Section													
1225	72	46.2	22.8	4.01	43.5	21.8	4.26	40.7	20.8	4.51	37.9	19.8	4.76
	67	41.9	28.7	3.89	39.3	27.7	4.12	36.8	26.6	4.36	34.2	25.6	4.59
	62	37.8	34.4	3.77	35.5	33.2	3.99	33.2	32.0	4.21	30.8	30.5	4.42
	57	36.2	36.2	3.72	34.4	34.4	3.95	32.5	32.5	4.18	30.5	30.5	4.41
1375	72	47.0	23.7	4.09	44.2	22.7	4.35	41.3	21.6	4.60	38.5	20.6	4.85
	67	42.7	30.3	3.97	40.0	29.2	4.21	37.3	28.1	4.45	34.7	27.1	4.67
	62	38.6	36.3	3.85	36.2	35.0	4.08	33.9	33.6	4.30	31.6	31.6	4.53
	57	37.5	37.5	3.82	35.6	35.6	4.05	33.7	33.7	4.29	31.6	31.6	4.53
1575	72	47.9	24.8	4.20	44.9	23.8	4.46	41.9	22.7	4.71	39.0	21.7	4.96
	67	43.4	32.2	4.07	40.7	31.1	4.32	37.9	30.0	4.55	35.2	28.9	4.78
	62	39.4	38.6	3.96	37.0	36.9	4.19	34.9	34.9	4.43	32.8	32.8	4.67
	57	39.0	39.0	3.94	36.9	36.9	4.19	34.9	34.9	4.43	32.8	32.8	4.67

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 + 58MVP100-20 VARIABLE-SPEED FURNACE			
CC5A/CD5AC	048	1.00	1.00	CC5A/CD5AA	042	1.00	0.93
CC5A/CD5AW	042	1.00	1.00	CK3BA	048	0.99	0.94
	048	1.00	1.00		048	1.00	0.94
CD5AA	048	1.00	1.00	CK5A/CK5BA	042	0.99	0.94
CE3AA	042	1.00	1.00		048	1.00	0.94
CF5AA	048	1.02	1.01	COILS + 58MVP120-20 VARIABLE-SPEED FURNACE			
	048	1.01	1.00	CK3BA	042	0.99	0.94
CK3BA	042	1.00	1.00		048	1.00	0.94
	048	1.00	1.00	CK5A/CK5BA		042	0.99
CK5A/CK5BA	042	1.00	1.00	CK5A/CK5BW	048	1.00	0.94
	048	1.00	1.00		COILS + 58U(H,X)V060-12 VARIABLE-SPEED FURNACE		
CK5A/CK5BN	042	0.98	1.00	CC5A/CD5AA	042	1.00	0.94
CK5A/CK5BW	048	1.00	1.00	CC5A/CD5AW	042	1.00	0.95
F(A,B)4AN(F,B)	042	1.00	1.01	CD5AA	048	1.00	0.93
	048	1.02	1.02		CE3AA	042	1.01
FC4BN(F,B)	042	1.00	1.01	048		1.01	0.95
	048	1.02	1.02		COILS + 58U(H,X)V080-16 VARIABLE-SPEED FURNACE		
FC4BNB	054	1.04	1.01	CC5A/CD5AA	042	1.00	0.94
FG3AAA	048	1.00	1.00	CC5A/CD5AW	042	1.00	0.95
FK4BNB	005	1.05	0.97		048	1.00	0.93
	006	1.05	0.96	CD5AA		048	1.00
FK4BNF	003	1.01	0.95	CE3AA	042	1.01	0.96
40FKA/FK4CNB	006	1.05	0.96		048	1.01	0.95
40FKA/FK4CNF	003	1.01	0.95	CK3BA		042	1.00
	005	1.05	0.97		048	1.00	0.95
COILS + 58MVP060-14 VARIABLE-SPEED FURNACE				CK5A/CK5BA		042	1.00
CK3BA	042	0.99	0.96		048	1.00	0.95
CK5A/CK5BN	042	0.96	0.96	COILS + 58U(H,X)V100-20 VARIABLE-SPEED FURNACE			
COILS + 58MVP080-14 VARIABLE-SPEED FURNACE				CC5A/CD5AA	042	1.00	0.94
CC5A/CD5AA	042	1.00	0.93	CC5A/CD5AW	042	1.00	0.95
CK3BA	042	0.99	0.95		048	1.00	0.93
	048	1.00	0.95	CD5AA		048	1.00
CK5A/CK5BA	042	0.99	0.95	CE3AA	042	1.01	0.96
	048	1.00	0.95		048	1.01	0.95
COILS + 58MVP080-20 VARIABLE-SPEED FURNACE				CK3BA		042	1.00
CK3BA	042	0.99	0.96		048	1.00	0.93
	048	1.00	0.95	CK5A/CK5BA		042	1.00
CK5A/CK5BA	042	0.99	0.96	CK5A/CK5BW	048	1.00	0.93
	048	1.00	0.95		048	1.00	0.93

See notes on pg. 24.

Detailed cooling capacities* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F											
		85			95			105			115		
CFM	EWB	Capacity MBtu/h†		Total System Kw**	Capacity MBtu/h†		Total System Kw**	Capacity MBtu/h†		Total System Kw**	Capacity MBtu/h†		Total System Kw**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
38TKB042-30 Outdoor Section With CC5A/CD5AA042 Indoor Section continued													
1225	72	46.2	22.8	4.01	43.5	21.8	4.26	40.7	20.8	4.51	37.9	19.8	4.76
	67	41.9	28.7	3.89	39.3	27.7	4.12	36.8	26.6	4.36	34.2	25.6	4.59
	62	37.8	34.4	3.77	35.5	33.2	3.99	33.2	32.0	4.21	30.8	30.5	4.42
	57	36.2	36.2	3.72	34.4	34.4	3.95	32.5	32.5	4.18	30.5	30.5	4.41
1375	72	47.0	23.7	4.09	44.2	22.7	4.35	41.3	21.6	4.60	38.5	20.6	4.85
	67	42.7	30.3	3.97	40.0	29.2	4.21	37.3	28.1	4.45	34.7	27.1	4.67
	62	38.6	36.3	3.85	36.2	35.0	4.08	33.9	33.6	4.30	31.6	31.6	4.53
	57	37.5	37.5	3.82	35.6	35.6	4.05	33.7	33.7	4.29	31.6	31.6	4.53
1575	72	47.9	24.8	4.20	44.9	23.8	4.46	41.9	22.7	4.71	39.0	21.7	4.96
	67	43.4	32.2	4.07	40.7	31.1	4.32	37.9	30.0	4.55	35.2	28.9	4.78
	62	39.4	38.6	3.96	37.0	36.9	4.19	34.9	34.9	4.43	32.8	32.8	4.67
	57	39.0	39.0	3.94	36.9	36.9	4.19	34.9	34.9	4.43	32.8	32.8	4.67

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
COILS + 58U(H,X)V120-20 VARIABLE-SPEED FURNACE				CE3AA	042	1.01	0.96
CC5A/CD5AA	042	1.00	0.94		048	1.01	0.95
CC5A/CD5AW	042	1.00	0.95	CK3BA	042	1.00	0.93
	048	1.00	0.93		048	1.00	0.93
CD5AA	048	1.00	0.93	CK5A/CK5BA	042	1.00	0.93
	—	—	—	CK5A/CK5BW	048	1.00	0.93

See notes on pg. 24

Detailed cooling capacities* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F											
		85			95			105			115		
CFM	EWB	Capacity MBtu/h†		Total System Kw**	Capacity MBtu/h†		Total System Kw**	Capacity MBtu/h†		Total System Kw**	Capacity MBtu/h†		Total System Kw**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
38TKB048-34, 35 Outdoor Section With CD5AA048 Indoor Section													
1500	72	53.4	26.4	4.72	51.1	25.5	5.16	48.5	24.6	5.65	45.9	23.6	6.17
	67	48.7	33.4	4.59	46.5	32.5	5.03	44.2	31.5	5.51	41.7	30.6	6.01
	62	44.3	40.2	4.47	42.3	39.1	4.91	40.1	38.0	5.37	37.9	36.8	5.86
	57	42.4	42.4	4.43	40.8	40.8	4.87	39.1	39.1	5.34	37.4	37.4	5.84
1600	72	53.9	27.0	4.77	51.5	26.1	5.21	48.9	25.1	5.70	46.2	24.2	6.23
	67	49.2	34.4	4.64	46.9	33.4	5.08	44.5	32.5	5.56	42.1	31.5	6.07
	62	44.7	41.4	4.53	42.6	40.3	4.96	40.5	39.1	5.43	38.3	37.8	5.92
	57	43.2	43.2	4.49	41.5	41.5	4.93	39.8	39.8	5.40	38.0	38.0	5.91
1700	72	54.4	27.5	4.82	51.9	26.6	5.27	49.3	25.7	5.76	46.5	24.7	6.28
	67	49.6	35.3	4.69	47.3	34.3	5.13	44.8	33.4	5.61	42.3	32.4	6.12
	62	45.1	42.6	4.58	43.0	41.4	5.01	40.8	40.1	5.48	38.6	38.6	5.98
	57	43.9	43.9	4.55	42.2	42.2	4.99	40.4	40.4	5.47	38.6	38.6	5.97

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CD5AA	048*	1.00	1.00	CK5A/CK5BA	060	0.99	0.97
CC5A/CD5AA	060	1.01	1.00	CK5A/CK5BT	060	0.99	0.97
CC5A/CD5AC	048	0.98	0.99	CK5A/CK5BX	060	1.00	0.97
CC5A/CD5AW	048	1.00	1.00	COILS + 58MVP120-20 VARIABLE-SPEED FURNACE			
	060	1.03	1.01	CC5A/CD5AA	060	0.99	0.96
CE3AA	048	1.01	1.00	CC5A/CD5AW	060	1.00	0.96
	060	1.03	1.01	CK3BA	060	1.00	0.96
CF5AA	048	1.00	0.99	CK5A/CK5BA	060	1.00	0.96
CK3BA	048	1.00	1.00	CK5A/CK5BT	060	1.00	0.96
	060	1.01	1.01	CK5A/CK5BW	048	1.00	0.96
CK5A/CK5BA	048	1.00	1.00	CK5A/CK5BX	060	1.00	0.96
	060	1.01	1.01	COILS + 58U(H,X)V080-16 VARIABLE-SPEED FURNACE			
CK5A/CK5BN	048	0.98	0.98	CC5A/CD5AC	048	0.98	0.95
	060	1.01	1.01	CD5AA	048	0.99	0.96
CK5A/CK5BT	048	1.00	1.00	CK3BA	048	1.00	0.97
	060	1.01	1.01	CK5A/CK5BA	048	1.00	0.97
CK5A/CK5BW	048	1.00	1.00	CK5A/CK5BT	048	1.00	0.97
CK5A/CK5BX	060	1.03	1.01	COILS + 58U(H,X)V100-20 VARIABLE-SPEED FURNACE			
F(A,B)4AN(F,B,C)	048	1.02	1.02	CC5A/CD5AA	060	1.00	0.94
	060	1.03	1.04	CC5A/CD5AW	048	0.99	0.94
FB4ANB	070	1.03	1.03	060	1.00	0.95	
FC4BN(F,B)	048	1.02	1.02	CK3BA	060	1.00	0.94
	060	1.03	1.04	CK5A/CK5BA	060	1.00	0.94
FC4BNB	054	1.03	1.02	CK5A/CK5BT	060	1.00	0.94
	070	1.03	1.02	CK5A/CK5BW	048	0.99	0.94
FG3AAA	048	0.99	1.00	CK5A/CK5BX	060	1.00	0.94
	060	1.03	1.01	COILS + 58U(H,X)V120-20 VARIABLE-SPEED FURNACE			
FK4CNB	006	1.03	0.95	CC5A/CD5AA	060	0.99	0.95
FK4CNF	005	1.02	0.96	CC5A/CD5AW	048	0.99	0.95
				060	1.00	0.96	
COILS + 58MVP080-20 VARIABLE-SPEED FURNACE							
CC5A/CD5AA	060	0.99	0.96	CK3BA	060	0.99	0.95
CC5A/CD5AW	060	1.00	0.96	CK5A/CK5BA	060	0.99	0.95
COILS + 58MVP100-20 VARIABLE-SPEED FURNACE							
CC5A/CD5AA	060	0.99	0.96	CK5A/CK5BT	060	0.99	0.95
CC5A/CD5AW	060	1.00	0.96	CK5A/CK5BW	048	0.99	0.95
CK3BA	060	0.99	0.97	CK5A/CK5BX	060	1.00	0.95
				—		—	—

See notes on pg. 24.

Detailed cooling capacities* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F											
		85			95			105			115		
CFM	EWB	Capacity MBtu/h†		Total System Kw**	Capacity MBtu/h†		Total System Kw**	Capacity MBtu/h†		Total System Kw**	Capacity MBtu/h†		Total System Kw**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
38TKB060-33 Outdoor Section With CC5A/CD5AW060 Indoor Section													
1750	72	63.8	31.3	5.62	60.9	30.3	6.17	57.9	29.2	6.77	54.8	28.0	7.41
	67	58.2	39.5	5.49	55.6	38.4	6.03	52.8	37.3	6.62	49.9	36.1	7.23
	62	53.0	47.5	5.37	50.6	46.3	5.90	48.0	45.0	6.47	45.0	43.4	7.05
	57	50.5	50.5	5.31	48.6	48.6	5.85	46.6	46.6	6.42	44.1	44.1	7.02
2000	72	65.0	32.7	5.75	62.0	31.6	6.30	58.8	30.5	6.90	55.6	29.3	7.55
	67	59.4	41.8	5.61	56.6	40.7	6.15	53.7	39.5	6.75	50.7	38.3	7.37
	62	54.1	50.5	5.49	51.6	49.2	6.02	48.9	47.7	6.60	46.0	45.8	7.20
	57	52.4	52.4	5.45	50.4	50.4	6.00	48.3	48.3	6.58	45.9	45.9	7.19
2125	72	65.5	33.4	5.81	62.4	32.3	6.36	59.2	31.1	6.97	55.9	30.0	7.62
	67	59.8	43.0	5.67	57.0	41.8	6.22	54.0	40.6	6.81	51.0	39.5	7.43
	62	54.6	51.9	5.55	52.0	50.5	6.09	49.4	48.8	6.67	46.6	46.6	7.27
	57	53.3	53.3	5.52	51.2	51.2	6.07	49.0	49.0	6.66	46.6	46.6	7.27
2250	72	65.9	34.0	5.87	62.8	32.9	6.43	59.6	31.8	7.03	56.2	30.6	7.68
	67	60.2	44.1	5.73	57.3	42.9	6.28	54.3	41.7	6.87	51.3	40.6	7.50
	62	55.0	53.2	5.61	52.4	51.6	6.15	49.8	49.7	6.73	47.3	47.3	7.35
	57	54.1	54.1	5.59	51.9	51.9	6.14	49.7	49.7	6.73	47.3	47.3	7.34

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	060	0.96	0.98	COILS + 58U(H,X)V100-20 VARIABLE-SPEED FURNACE			
CC5A/CD5AW	060	1.00	1.00	CC5A/CD5AA	060	0.96	0.96
CE3AA	060	1.00	1.00	CC5A/CD5AW	060	0.98	0.96
CK3BA	060	0.96	0.98	CE3AA	060	0.98	0.97
CK5A/CK5BA	060	0.96	0.98	CK3BA	060	0.96	0.97
CK5A/CK5BN	060	0.96	0.99	CK5A/CK5BA	060	0.96	0.97
CK5A/CK5BX	060	1.00	1.00	CK5A/CK5BX	060	0.98	0.96
F(A,B)4AN(F,B)	060	1.00	1.04	COILS + 58U(H,X)V120-20 VARIABLE-SPEED FURNACE			
FB4ANB	070	1.02	1.02	CC5A/CD5AA	060	0.96	0.96
FC4BNB	070	1.02	1.02	CC5A/CD5AW	060	0.98	0.96
FC4BN(F,B)	060	1.00	1.04	CE3AA	060	0.98	0.97
FG3AAA	060	0.98	1.00	CK3BA	060	0.96	0.97
FK4BNB	006	1.01	0.98	CK5A/CK5BA	060	0.96	0.97
40FKA/FK4CNB	006	1.01	0.97	CK5A/CK5BX	060	0.98	0.97

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

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

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

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
38TKB018-30								
30	TCG	18.0	16.6	15.2	13.8	12.3	10.9	9.40
	SDT	77.5	86.8	96.3	106.0	116.0	125.0	135.0
	KW	1.11	1.20	1.28	1.36	1.41	1.45	1.46
35	TCG	20.0	18.6	17.1	15.6	14.1	12.6	11.1
	SDT	79.1	88.2	97.4	107.0	117.0	126.0	135.0
	KW	1.14	1.23	1.32	1.41	1.48	1.53	1.56
40	TCG	22.1	20.6	19.1	17.6	16.0	14.4	12.8
	SDT	81.0	89.9	98.9	108.0	117.0	127.0	136.0
	KW	1.16	1.26	1.36	1.45	1.53	1.60	1.65
45	TCG	24.3	22.8	21.2	19.6	17.9	16.3	14.6
	SDT	83.1	91.8	101.0	110.0	119.0	128.0	137.0
	KW	1.18	1.29	1.40	1.50	1.59	1.67	1.74
50	TCG	26.7	25.1	23.4	21.7	20.0	18.3	16.5
	SDT	85.3	93.9	103.0	112.0	121.0	130.0	139.0
	KW	1.21	1.32	1.44	1.55	1.65	1.74	1.82
55	TCG	29.2	27.5	25.8	24.0	22.2	20.3	18.5
	SDT	87.8	96.1	105.0	114.0	122.0	131.0	140.0
	KW	1.23	1.35	1.48	1.60	1.71	1.81	1.90
38TKB024-30								
30	TCG	23.6	21.8	20.1	18.3	16.6	14.8	13.1
	SDT	82.6	91.2	99.9	109.0	118.0	127.0	136.0
	KW	1.55	1.66	1.76	1.84	1.90	1.95	1.98
35	TCG	26.1	24.3	22.4	20.6	18.7	16.9	15.1
	SDT	85.0	93.4	102.0	111.0	120.0	129.0	138.0
	KW	1.60	1.72	1.83	1.92	2.00	2.06	2.10
40	TCG	28.8	26.9	24.9	22.9	21.0	19.1	17.2
	SDT	87.6	95.8	104.0	113.0	122.0	130.0	139.0
	KW	1.65	1.78	1.90	2.01	2.10	2.17	2.23
45	TCG	31.7	29.6	27.6	25.5	23.4	21.4	19.3
	SDT	90.4	98.4	107.0	115.0	124.0	132.0	141.0
	KW	1.70	1.84	1.97	2.09	2.20	2.28	2.35
50	TCG	34.6	32.5	30.3	28.1	25.9	23.8	21.6
	SDT	93.4	101.0	109.0	118.0	126.0	135.0	143.0
	KW	1.75	1.90	2.04	2.17	2.29	2.40	2.48
55	TCG	37.7	35.5	33.2	30.9	28.6	26.3	24.0
	SDT	96.7	104.0	112.0	120.0	129.0	137.0	146.0
	KW	1.80	1.96	2.11	2.26	2.39	2.51	2.61
38TKB030-30								
30	TCG	29.6	27.3	25.1	23.0	21.0	19.0	17.1
	SDT	81.7	90.8	100.0	109.0	118.0	128.0	137.0
	KW	1.88	2.03	2.15	2.26	2.36	2.43	2.49
35	TCG	32.8	30.4	28.1	25.8	23.6	21.5	19.4
	SDT	84.0	92.9	102.0	111.0	120.0	129.0	138.0
	KW	1.94	2.10	2.24	2.37	2.47	2.56	2.64
40	TCG	36.3	33.7	31.2	28.7	26.3	24.0	21.9
	SDT	86.3	95.2	104.0	113.0	122.0	131.0	140.0
	KW	2.00	2.17	2.33	2.47	2.59	2.70	2.79
45	TCG	39.9	37.1	34.4	31.8	29.2	26.8	24.4
	SDT	88.8	97.7	107.0	115.0	124.0	133.0	142.0
	KW	2.05	2.24	2.41	2.57	2.71	2.83	2.94
50	TCG	43.8	40.8	37.9	35.1	32.4	29.7	27.1
	SDT	91.6	100.0	109.0	118.0	127.0	136.0	144.0
	KW	2.10	2.31	2.50	2.67	2.83	2.97	3.09
55	TCG	47.8	44.7	41.6	38.6	35.6	32.8	30.0
	SDT	94.4	103.0	112.0	120.0	129.0	138.0	147.0
	KW	2.16	2.38	2.59	2.78	2.95	3.11	3.24
38TKB036-30								
30	TCG	35.1	32.6	30.1	27.6	25.1	22.7	20.4
	SDT	83.8	93.1	102.0	112.0	121.0	130.0	139.0
	KW	2.17	2.35	2.51	2.65	2.77	2.86	2.93
35	TCG	38.8	36.2	33.5	30.8	28.2	25.6	23.1
	SDT	86.2	95.3	104.0	114.0	123.0	132.0	141.0
	KW	2.24	2.44	2.61	2.77	2.91	3.02	3.11
40	TCG	42.8	39.9	37.1	34.3	31.5	28.7	26.0
	SDT	88.5	97.6	107.0	116.0	125.0	134.0	143.0
	KW	2.30	2.52	2.71	2.89	3.05	3.19	3.30
45	TCG	46.9	43.9	40.9	37.9	34.9	32.0	29.1
	SDT	91.1	100.0	109.0	118.0	127.0	136.0	145.0
	KW	2.37	2.60	2.81	3.01	3.19	3.35	3.48
50	TCG	51.3	48.1	44.9	41.7	38.5	35.4	32.3
	SDT	93.8	103.0	112.0	121.0	129.0	138.0	147.0
	KW	2.43	2.68	2.92	3.14	3.33	3.51	3.66
55	TCG	55.9	52.5	49.1	45.7	42.3	39.0	35.7
	SDT	96.7	105.0	114.0	123.0	132.0	141.0	150.0
	KW	2.50	2.77	3.02	3.26	3.48	3.67	3.85

See notes on pg. 26.

Condenser only ratings* continued

SST °F		CONDENSER ENTERING AIR TEMPERATURES °F						
		55	65	75	85	95	105	115
38TKB042-30								
30	TCG	41.3	38.5	35.6	32.8	29.9	27.1	24.2
	SDT	79.3	88.7	98.1	108.0	117.0	126.0	136.0
	KW	2.52	2.74	2.94	3.11	3.25	3.35	3.42
35	TCG	45.7	42.7	39.7	36.7	33.7	30.7	27.7
	SDT	81.2	90.5	99.8	109.0	119.0	128.0	137.0
	KW	2.57	2.82	3.04	3.23	3.40	3.53	3.63
40	TCG	50.3	47.2	44.0	40.8	37.6	34.4	31.2
	SDT	83.1	92.4	102.0	111.0	120.0	129.0	139.0
	KW	2.62	2.89	3.14	3.36	3.55	3.71	3.84
45	TCG	55.2	51.9	48.5	45.1	41.7	38.3	35.0
	SDT	85.3	94.5	104.0	113.0	122.0	131.0	140.0
	KW	2.66	2.96	3.23	3.48	3.70	3.89	4.04
50	TCG	60.4	56.9	53.3	49.7	46.1	42.5	38.9
	SDT	87.6	96.7	106.0	115.0	124.0	133.0	142.0
	KW	2.71	3.02	3.32	3.60	3.84	4.06	4.24
55	TCG	65.9	62.2	58.4	54.6	50.7	46.9	43.1
	SDT	90.0	99.1	108.0	117.0	126.0	135.0	144.0
	KW	2.75	3.09	3.41	3.71	3.99	4.23	4.45
38TKB048-34, 35								
30	TCG	46.0	43.8	41.5	39.1	36.7	34.3	31.9
	SDT	83.7	93.3	103.0	113.0	123.0	132.0	142.0
	KW	2.60	2.97	3.39	3.85	4.34	4.85	5.38
35	TCG	50.4	48.0	45.5	43.0	40.4	37.8	35.2
	SDT	85.8	95.4	105.0	115.0	125.0	134.0	144.0
	KW	2.64	3.02	3.44	3.91	4.42	4.94	5.50
40	TCG	55.0	52.4	49.8	47.1	44.3	41.6	38.8
	SDT	88.1	97.6	107.0	117.0	127.0	136.0	146.0
	KW	2.68	3.07	3.50	3.98	4.50	5.04	5.61
45	TCG	59.8	57.1	54.3	51.5	48.5	45.5	42.5
	SDT	90.6	100.0	110.0	119.0	129.0	138.0	148.0
	KW	2.73	3.13	3.57	4.05	4.58	5.15	5.74
50	TCG	64.9	62.0	59.1	56.0	52.8	49.6	46.4
	SDT	93.2	103.0	112.0	122.0	131.0	141.0	150.0
	KW	2.79	3.19	3.64	4.13	4.67	5.26	5.86
55	TCG	70.3	67.2	64.0	60.7	57.4	54.0	50.5
	SDT	95.9	105.0	115.0	124.0	134.0	143.0	152.0
	KW	2.86	3.26	3.71	4.21	4.76	5.36	5.99
38TKB060-33								
30	TCG	56.4	53.9	51.3	48.6	45.7	42.8	39.9
	SDT	83.6	93.3	103.0	113.0	123.0	133.0	142.0
	KW	3.32	3.74	4.21	4.73	5.29	5.89	6.50
35	TCG	61.6	58.9	56.2	53.3	50.2	47.1	44.0
	SDT	85.8	95.5	105.0	115.0	125.0	135.0	144.0
	KW	3.40	3.82	4.30	4.83	5.41	6.03	6.67
40	TCG	67.1	64.3	61.3	58.2	55.0	51.7	48.2
	SDT	88.2	97.8	107.0	117.0	127.0	137.0	146.0
	KW	3.48	3.92	4.40	4.94	5.53	6.17	6.84
45	TCG	72.9	69.9	66.7	63.4	60.0	56.5	52.8
	SDT	90.7	100.0	110.0	119.0	129.0	139.0	149.0
	KW	3.58	4.02	4.51	5.06	5.66	6.31	7.01
50	TCG	78.9	75.7	72.4	68.9	65.2	61.4	57.5
	SDT	93.3	103.0	112.0	122.0	132.0	141.0	151.0
	KW	3.68	4.13	4.63	5.19	5.80	6.46	7.18
55	TCG	85.3	81.9	78.3	74.6	70.7	66.6	62.5
	SDT	96.2	106.0	115.0	125.0	134.0	144.0	153.0
	KW	3.80	4.25	4.76	5.33	5.95	6.62	7.36

* ARI listing applies only to systems shown in Performance Data table.

KW — Total Power (Kw)

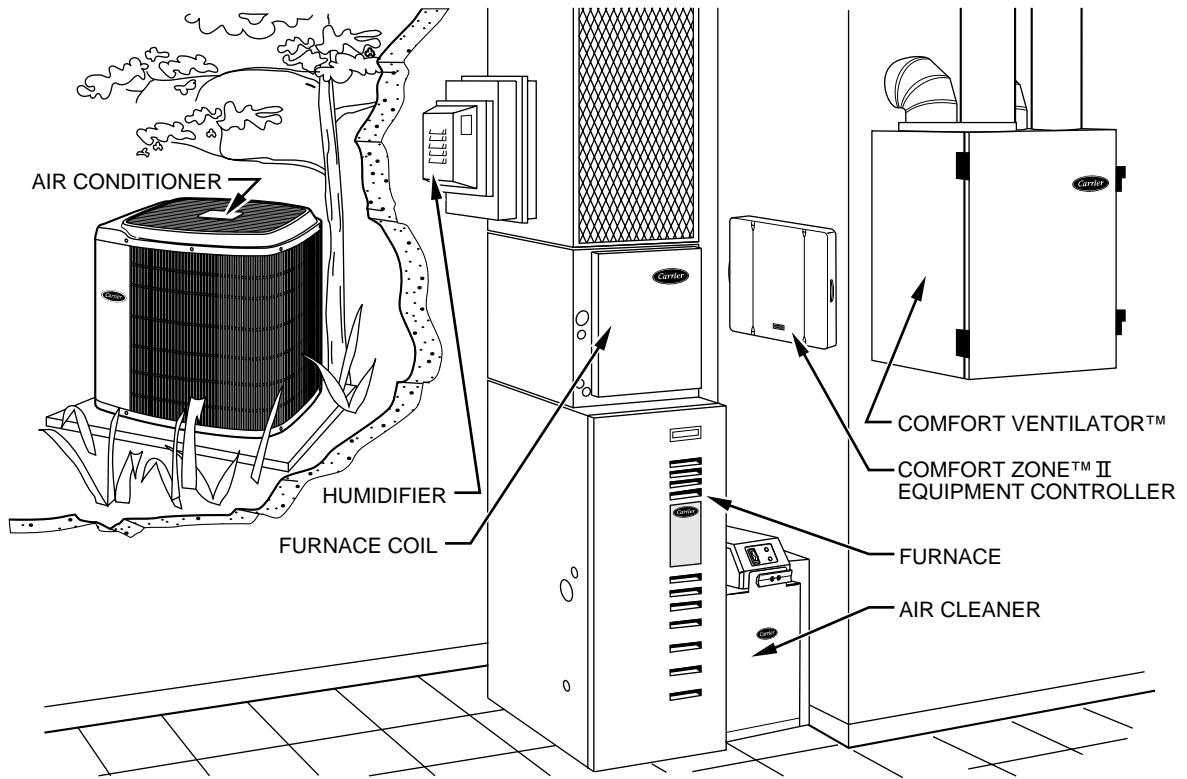
SDT — Saturated Temperature Leaving Compressor (°F)

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, 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. Mixmatches of indoor coil capacity more than 1 size larger than outdoor unit capacity may result in inadequate indoor comfort.



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