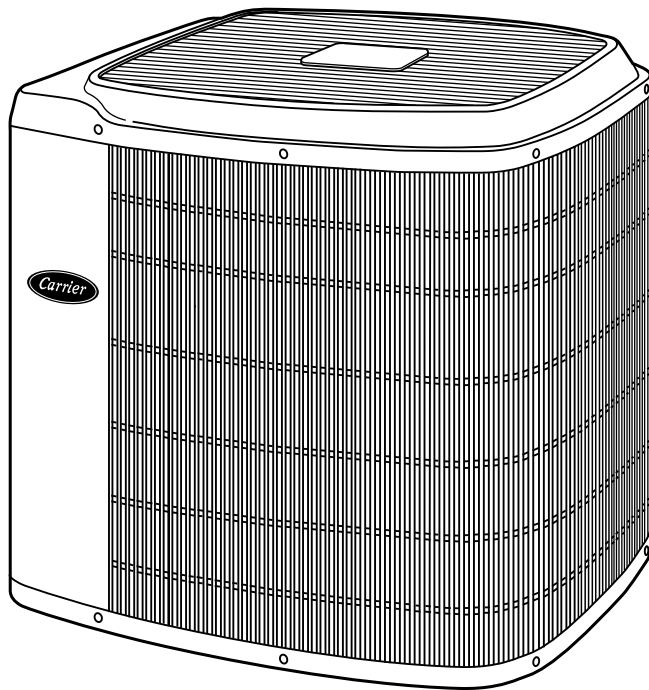




## Product Data

# Comfort™ 12 38TRA (60 Hz) 12 SEER Air Conditioner

Sizes 018 thru 060



**Comfort™**  
SERIES

The 38TRA achieves energy-efficient cooling performance up to 14 SEER when used with specific Carrier equipment. All models are listed with UL (U.S. and Canada), ARI, and CEC.

The Tech 2000 Silencer System features the InViroFlow design, energy-efficient fan and motor, advanced sound hood, and compressor vibration isolator plate.

**The Silencer Top** improves airflow pattern requiring less energy.

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

**Sound Hood** muffles noise from operation.

**Compressor Vibration Isolator Plate** eliminates compressor vibration transmission to the base pan thus ensuring quiet operation.

### FEATURES

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

**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. Then, under extreme conditions, the motor was tested and qualified to help 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.

**Application Versatility** — The 38TRA 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, back seating type with sweat connections. Valves are externally located so refrigerant tube connections can be made quickly and easily. Each valve has a service port for ease of checking operating refrigerant pressures.

**Easy Serviceability** — One access panel provides access to electrical control box and compressor.

Removal of top gives access to coil. Removal of wire grille gives access to the fan motor.

**Compressor Protection** — Each scroll compressor motor is protected with internal temperature- and current-sensitive overloads. For improved serviceability, all models are equipped with a compressor terminal plug.

**Sound Hood** — A thick, sound dampening material wrapped around the compressor muffles operational noise.

**Limited Warranty** — Standard 5-year warranty on parts, with an additional 10-year warranty on compressor. Optional warranties are available through your Carrier distributor.



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



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



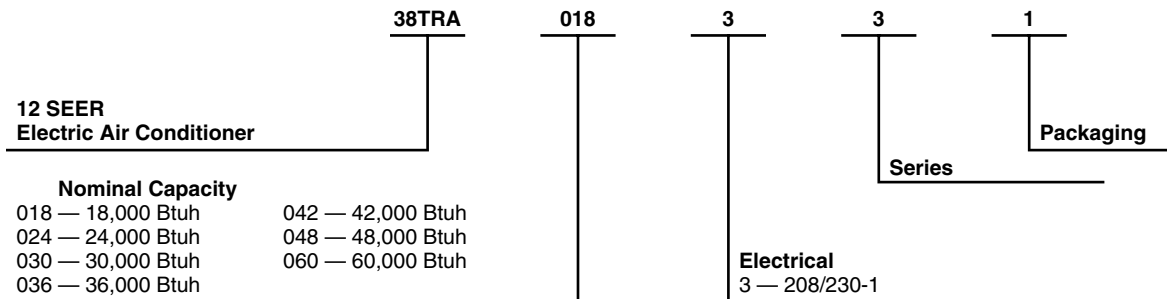
APPROVALS  
ISO 9001  
EN 29001  
BS 5750 PART 1  
ANSI/ASQC Q91

CERTIFICATE NO. FM 28768

**REGISTERED QUALITY SYSTEM**

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

## Model number nomenclature



# Physical data

UNIT SIZE-SERIES	018-33	024-34	030-33	036-34	042-34	048-36	060-34
Operating Weight (Lb)	143	190	200	200	210	264/260	268
COMPRESSOR Type	Scroll						
REFRIGERANT Control Charge (Lb) @ 15 Ft	R-22 AccuRater® (Bypass Type)						
	4.25	5.25	6.25	6.25	7.00	9.75	11.00
COND FAN Air Discharge Air Qty (CFM) Motor HP Motor RPM	Propeller Type, Direct Drive Vertical						
	1500 1/15 800	2000 1/15 800	2000 1/15 800	3000 1/5 825	3000 1/5 825	3000 1/5 825	3300 1/4 1125
COND COIL Face Area (Sq Ft) Fins per In. Rows Circuits	Copper Tube, Aluminum Plate Fin						
	10.9 25 1 2	12.2 25 1 2	15.2 25 1 3	15.2 25 1 3	18.3 25 1 4	15.2 20 2 5	18.3 20 2 6
VALVE CONNECT. (In. ID) Vapor Liquid	Sweat						
	5/8	5/8	3/4	3/4 3/8	7/8	7/8	7/8
REFRIG TUBES* (In. OD) Vapor (0-50 Ft Tube Length) Vapor (Max Diameter for Long-Line Applications) Liquid (0-50 Ft Tube Length) Liquid (For Long-Line Applications)	3/8						
	5/8 3/4	5/8 3/4	3/4 7/8	3/4 7/8 3/8	7/8 1-1/8	7/8 1-1/8	1-1/8 1-1/8

\* For tubing sets between 50 and 175 ft horizontal or 20 ft vertical differential, consult the Residential Split-System Long-Line Application Guideline.  
**NOTE:** See unit Installation Instructions for proper installation.

## METERING DEVICE

UNIT SIZE-SERIES	PISTON* IDENTIFICATION NO.
018-33	55
024-34	61
030-33	67
036-34	76
042-34	82
048-36	93
060-34	101

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

## CHARGING SUBCOOLING (TXV-TYPE EXPANSION DEVICE)

UNIT SIZE-SERIES	REQUIRED SUBCOOLING (°F)
018-33	10
024-34	12
030-33	15
036-34	12
042-34	12
048-36	11
060-34	12

# Accessories

ORDERING NO.	DESCRIPTION
KAATD0101TDR	Time-Delay Relay — All Sizes
KSALA0201R22	Low-Ambient Pressure Switch — All Sizes
KSALA0401AAA*	MotorMaster®—Low-Ambient Controller — All Sizes
KAFT0101AAA†	Evaporator Freeze Thermostat — All Sizes
KAWS0101AAA†	Winter Start Control — All Sizes
KSACY0101AAA	Cycle Protector — All Sizes
KSAHS1501AAA	Start Assist — Capacitor and Relay — Sizes 018–048
KSAHS1601AAA	Start Assist — Capacitor and Relay— Size 060
KAACS0201PTC	Start Assist — PTC — All Sizes
KAACH1201AAA	Crankcase Heater — All Sizes
KAATX0201RPB	Thermostatic Expansion Valve (RPB) — Size 018
KAATX0301RPB	Thermostatic Expansion Valve (RPB) — Size 024
KAATX0401RPB	Thermostatic Expansion Valve (RPB) — Size 030
KAATX0501RPB	Thermostatic Expansion Valve (RPB) — Sizes 036, 042
KAATX0601RPB	Thermostatic Expansion Valve (RPB) — Size 048
KAATX0701RPB	Thermostatic Expansion Valve (RPB) — Size 060
KSATX0601HSO‡	Thermostatic Expansion Valve (Hard Shutoff) — Size 018–042
KSATX0701HSO‡	Thermostatic Expansion Valve (Hard Shutoff) — Size 048
KSATX1001HSO‡	Thermostatic Expansion Valve (Hard Shutoff) — Size 060
KAALP0101LPS	Low-Pressure Switch — All Sizes
KSAHI0101HPS	High-Pressure Switch — All Sizes
Not Available	Ball Bearing Fan Motor — Sizes 018–030
HC38GE231 (RCD)	Ball Bearing Fan Motor — Sizes 036–048
HC40GE232 (RCD)	Ball Bearing Fan Motor — Size 060
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
KAACF0601SML	Coastal Filter — Size 018
KAACF0801MED	Coastal Filter — Sizes 024–060

\* Fan motor with ball bearings required.

† See low-ambient controller Installation Instructions for application.

‡ Do not use hard shutoff TXV with liquid-line solenoid valve.

THERMOSTAT/SUBBASE PKG	DESCRIPTION
TSTATCCPRH01-B	Thermidistat™ 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
TSTATXXSEN01-B	Outdoor Air Temperature Sensor
TSTATXXBBP01	Backplate for Builder's Thermostat
TSTATXXNBP01	Backplate for Non-Programmable Thermostat
TSTATXXPPBP01	Backplate for Programmable Thermostat
TSTATXXCNV10	Thermostat Conversion Kit (4 to 5 wire) — 10 Pack

# Accessory usage guideline

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

\* For tubing 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 Low-Ambient Controller (full modulation feature) and MotorMaster Control only.

## ACCESSORY DESCRIPTION AND USAGE (Listed Alphabetically)

### 1. Ball-Bearing Fan Motor

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

Usage Guideline:

Required on all units when 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  $426 \pm 10$  psig and resets at  $320 \pm 20$  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)

## ACCESSORY DESCRIPTION AND USAGE (continued)

### 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°F ± 10°F (37.8°C ± 12°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.

### 14. Support Feet

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

Usage Guideline:

Suggested in the following applications:

Coastal installations.

Windy areas or where debris is normally circulating.

Rooftop installations.

For improved sound ratings.

### 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.

# Electrical data

UNIT SIZE-SERIES	V/PH	OPER VOLTS*		COMPRESSOR		FAN FLA	MCA	60°C MIN WIRE SIZE†	75°C MIN WIRE SIZE†	60°C MAX LENGTH (Ft)‡	75°C MAX LENGTH (Ft)‡	MAX FUSE** CKT BKR AMPS
		Max	Min	LRA	RLA							
018-33	208/230/1	253	187	41.0	10.0	0.5	13.0	14	14	61	58	20
024-34				54.0	10.9	0.5	14.2	14	14	55	52	20
030-33				72.5	15.0	0.5	19.3	14	14	39	37	30
036-34				88.0	17.9	1.1	23.4	12	12	52	50	40
042-34				104.0	20.0	1.1	26.0	10	10	77	73	40
048-36				137.0	20.1	1.1	26.2	10	10	76	72	40
060-34				169.0	28.8	1.4	37.4	8	8	82	78	60

\* Permissible limits of the voltage range at which unit will operate satisfactorily.

† 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 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)

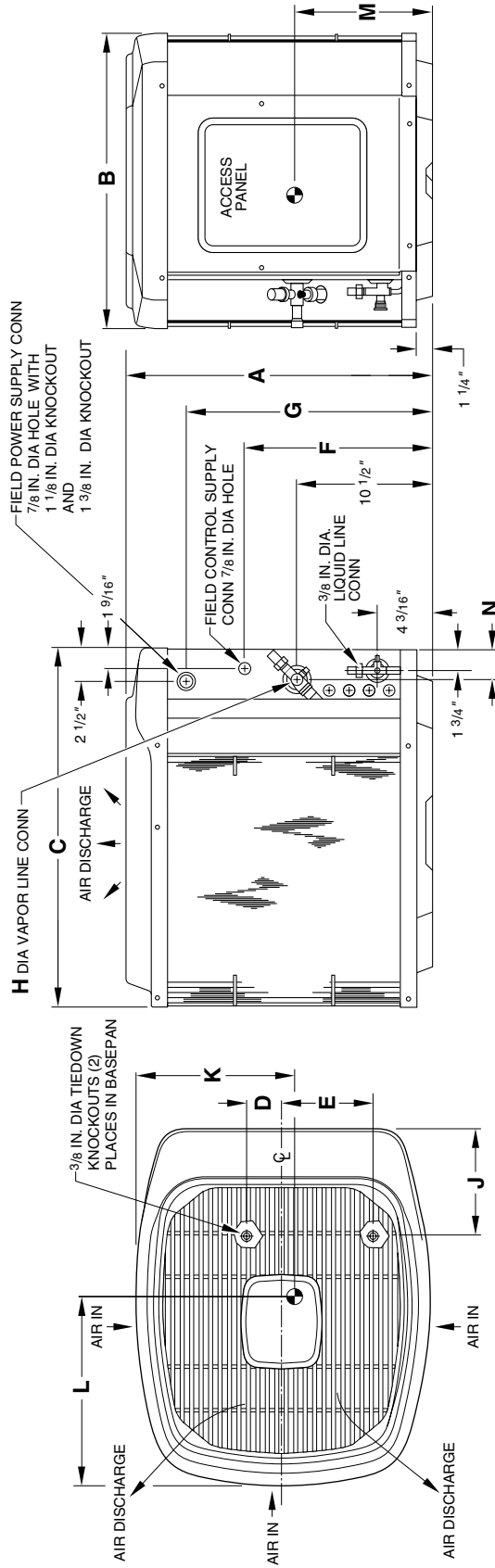
UNIT SIZE-SERIES	STANDARD RATING	TYPICAL OCTAVE BAND SPECTRUM (without tone adjustment)						
		125	250	500	1,000	2,000	4,000	8,000
018-33	68	50.0	56.5	61.0	63.5	59.0	54.5	45.5
024-34	71	55.0	64.7	64.6	64.4	59.5	54.5	49.1
030-33	70	56.5	59.0	61.5	61.5	60.0	55.0	47.5
036-34	73	55.0	65.0	65.5	66.0	63.5	56.0	52.0
042-34	72	52.5	63.5	66.0	66.0	63.0	58.0	52.5
048-36	75	59.2	67.4	68.8	69.0	67.5	62.0	56.1
060-34	76	60.0	66.0	70.0	70.0	66.0	63.0	54.0

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 .



A97084

**DIMENSIONS (IN.)**

UNIT SIZE	SERIES	UNIT DIMENSIONS													MINIMUM MOUNTING PAD DIMENSIONS
		A	B	C	D	E	F	G	H	J	K	L	M	N	
018	33	33-13/16	22-1/2	27-1/2	2-13/16	6-15/16	21-1/2	27-7/8	5/8	8-3/16	9-1/4	17-3/8	13-1/2	2-3/8	20 x 27
024	34	27-13/16	30	34-15/16	4	9-3/4	15-1/2	21-7/8	5/8	8-3/16	16-1/2	20-3/8	11	2-15/16	26 x 32
030	33	33-13/16	30	34-15/16	4	9-3/4	21-1/2	27-7/8	3/4	8-3/16	16-1/2	20-3/8	13-1/2	2-15/16	26 x 32
036	34	33-13/16	30	34-15/16	4	9-3/4	21-1/2	27-7/8	3/4	8-3/16	16-1/2	20-3/8	13-1/2	2-15/16	26 x 32
042	34	39-13/16	30	34-15/16	4	9-3/4	27-1/2	33-7/8	7/8	8-3/16	16-1/2	20-3/8	15	2-15/16	26 x 32
048	36	33-13/16	30	34-15/16	4	9-3/4	21-1/2	27-7/8	7/8	8-3/16	16-1/2	20-3/8	13-1/2	2-15/16	26 x 32
060	34	39-13/16	30	34-15/16	4	9-3/4	27-1/2	33-7/8	7/8	8-3/16	16-1/2	20-3/8	15	2-15/16	26 x 32



# Combination ratings

UNIT SIZE-SERIES	INDOOR SECTION	TOTAL CAP. BTUH	FACTORY-SUPPLIED ENHANCEMENT	SEER				EER	
				STANDARD RATING	CARRIER GAS FURNACE OR ACCESSORY TDR†	ACCESSORY			
						TXV‡	LLS		
018-33	*CK5A/CK5BA018	17,400	NONE	—	12.00	12.00	12.00	11.05	
	CC5A/CD5AA018	17,400	NONE	—	12.00	12.00	12.00	11.05	
	CC5A/CD5AA024	17,800	NONE	—	12.20	12.20	12.20	11.25	
	CC5A/CD5AW024	17,800	NONE	—	12.20	12.20	12.20	11.25	
	CE3AA024	17,600	NONE	—	12.20	12.20	12.20	11.25	
	CK3BA024	17,800	NONE	—	12.20	12.20	12.20	11.25	
	CK5A/CK5BA024	17,800	NONE	—	12.20	12.20	12.20	11.25	
	CK5A/CK5BW024	17,800	NONE	—	12.20	12.20	12.20	11.25	
	F(A,B)4BN(F,C)018	17,000	TDR	12.00	—	12.00	—	10.95	
	F(A,B)4BN(F,C)024	17,600	TDR	12.50	—	12.50	—	11.45	
	FC4CNF024	17,600	TDR&TXV	12.50	—	—	—	11.45	
	FF1DNA018	17,000	TDR	12.20	—	12.20	—	11.30	
	FF1DNA024	17,600	TDR	12.20	—	12.20	—	11.30	
	FG3AAA024	17,400	NONE	—	12.00	12.00	12.00	11.05	
	FK4DNF001	18,000	TDR&TXV	14.00	—	—	—	12.85	
	FK4DNF002	18,000	TDR&TXV	14.00	—	—	—	12.95	
	<b>COILS + 58CV(A,X)070-12 VARIABLE-SPEED FURNACE</b>								
	CC5A/CD5AA018	16,800	TDR	13.00	—	13.00	—	12.05	
	CC5A/CD5AA024	17,400	TDR	13.50	—	13.50	—	12.40	
	CC5A/CD5AW024	17,400	TDR	13.50	—	13.50	—	12.40	
	CE3AA024	17,200	TDR	13.00	—	13.00	—	12.40	
	CK3BA024	17,400	TDR	13.50	—	13.50	—	12.60	
	CK5A/CK5BA018	17,000	TDR	13.00	—	13.00	—	12.30	
	CK5A/CK5BA024	17,400	TDR	13.50	—	13.50	—	12.60	
	CK5A/CK5BW024	17,400	TDR	13.50	—	13.50	—	12.60	
	<b>COILS + 58MVP060-14 VARIABLE-SPEED FURNACE</b>								
	CC5A/CD5AW024	17,600	TDR	13.50	—	13.50	—	12.45	
	CK5A/CK5BW024	17,600	TDR	13.50	—	13.50	—	12.45	
<b>COILS + 58MVP080-14 VARIABLE-SPEED FURNACE</b>									
CC5A/CD5AW024	17,600	TDR	13.50	—	13.50	—	12.55		
CK5A/CK5BW024	17,600	TDR	13.50	—	13.50	—	12.55		
024-34	*CC5A/CD5AA024	23,000	NONE	—	12.00	12.00	12.00	11.05	
	CC5A/CD5AA030	23,200	NONE	—	12.20	12.20	12.20	11.05	
	CC5A/CD5AW024	23,000	NONE	—	12.00	12.00	12.00	11.05	
	CC5A/CD5AW030	23,200	NONE	—	12.20	12.20	12.20	11.10	
	CE3AA024	23,000	NONE	—	12.00	12.00	12.00	11.15	
	CE3AA030	23,200	NONE	—	12.20	12.20	12.20	11.25	
	CF5AA024	23,000	NONE	—	12.00	12.00	12.00	11.05	
	CK3BA024	23,000	NONE	—	12.00	12.00	12.00	11.20	
	CK3BA030	23,200	NONE	—	12.20	12.20	12.20	11.15	
	CK5A/CK5BA024	23,000	NONE	—	12.00	12.00	12.00	11.20	
	CK5A/CK5BA030	23,200	NONE	—	12.20	12.20	12.20	11.15	
	CK5A/CK5BW024	23,000	NONE	—	12.00	12.00	12.00	11.15	
	CK5A/CK5BW030	23,200	NONE	—	12.20	12.20	12.20	11.15	
	F(A,B)4BN(F,C)024	23,200	TDR	12.00	—	12.00	—	11.20	
	F(A,B)4BN(F,C)030	23,600	TDR	12.20	—	12.20	—	11.45	
	FC4CNF024	23,200	TDR&TXV	12.00	—	—	—	11.30	
	FC4CNF030	23,600	TDR&TXV	12.20	—	—	—	11.45	
	FF1DNA024	23,000	TDR	12.00	—	12.00	—	11.10	
	FF1DNA030	23,600	TDR	12.20	—	12.20	—	11.25	
	FF1DNE024	23,000	TDR&TXV	12.00	—	—	—	11.10	
	FF1DNE030	23,600	TDR&TXV	12.20	—	—	—	11.25	
	FG3AAA024	22,800	NONE	—	11.80	11.80	11.80	10.95	
	FK4DNF001	23,400	TDR&TXV	13.50	—	—	—	12.55	
	FK4DNF002	23,600	TDR&TXV	13.50	—	—	—	12.80	
	FK4DNF003	23,600	TDR&TXV	14.00	—	—	—	12.90	
	<b>COILS + 58CV(A,X)070-12 VARIABLE-SPEED FURNACE</b>								
	CC5A/CD5AA024	23,000	TDR	13.00	—	13.00	—	12.05	
	CC5A/CD5AA030	23,200	TDR	13.50	—	13.50	—	12.20	
	CC5A/CD5AW024	23,000	TDR	13.00	—	13.00	—	12.15	
	CC5A/CD5AW030	23,200	TDR	13.50	—	13.50	—	12.20	
	CE3AA024	23,000	TDR	13.00	—	13.00	—	12.15	
	CE3AA030	23,200	TDR	13.50	—	13.50	—	12.35	
	CK3BA024	23,000	TDR	13.00	—	13.00	—	12.45	
	CK3BA030	23,200	TDR	13.50	—	13.50	—	12.35	
CK5A/CK5BA024	23,000	TDR	13.00	—	13.00	—	12.30		
CK5A/CK5BA030	23,200	TDR	13.50	—	13.50	—	12.25		
CK5A/CK5BW024	23,000	TDR	13.00	—	13.00	—	12.30		
CK5A/CK5BW030	23,200	TDR	13.50	—	13.50	—	12.30		
<b>COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE</b>									
CC5A/CD5AA024	23,000	TDR	13.00	—	13.00	—	12.20		
CC5A/CD5AA030	23,200	TDR	13.50	—	13.50	—	15.00		
CC5A/CD5AW024	23,000	TDR	13.00	—	13.00	—	12.25		
CC5A/CD5AW030	23,200	TDR	13.50	—	13.50	—	12.35		
CE3AA024	23,000	TDR	13.00	—	13.00	—	12.25		
CE3AA030	23,200	TDR	13.50	—	13.50	—	12.50		
CK3BA024	23,000	TDR	13.00	—	13.00	—	12.55		
CK3BA030	23,200	TDR	13.50	—	13.50	—	12.45		
CK5A/CK5BA024	23,000	TDR	13.00	—	13.00	—	12.40		
CK5A/CK5BA030	23,200	TDR	13.50	—	13.50	—	12.35		
CK5A/CK5BW024	23,000	TDR	13.00	—	13.00	—	12.40		
CK5A/CK5BW030	23,200	TDR	13.50	—	13.50	—	12.40		

See notes on pg. 16.

# Combination ratings continued

UNIT SIZE-SERIES	INDOOR SECTION	TOTAL CAP. BTUH	FACTORY-SUPPLIED ENHANCEMENT	SEER				EER	
				STANDARD RATING	CARRIER GAS FURNACE OR ACCESSORY TDR†	ACCESSORY			
						TXV‡	LLS		
24-34	<b>COILS + 58CV(A,X)110-20 VARIABLE-SPEED FURNACE</b>								
	CC5A/CD5AW024	23,000	TDR	13.00	—	13.00	—	12.20	
	CC5A/CD5AW030	23,200	TDR	13.50	—	13.50	—	12.25	
	CE3AA024	23,000	TDR	13.00	—	13.00	—	12.10	
	CE3AA030	23,200	TDR	13.50	—	13.50	—	12.40	
	CK3BA024	23,000	TDR	13.00	—	13.00	—	12.50	
	CK3BA030	23,200	TDR	13.50	—	13.50	—	12.40	
	CK5A/CK5BW024	23,000	TDR	13.00	—	13.00	—	12.30	
	CK5A/CK5BW030	23,200	TDR	13.50	—	13.50	—	12.35	
	<b>COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE</b>								
	CE3AA024	23,000	TDR	13.00	—	13.00	—	12.15	
	CE3AA030	23,200	TDR	13.50	—	13.50	—	12.45	
	<b>COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE</b>								
	CE3AA024	23,000	TDR	13.00	—	13.00	—	12.20	
	CE3AA030	23,200	TDR	13.50	—	13.50	—	12.45	
	<b>COILS + 58MVP040-14 VARIABLE-SPEED FURNACE</b>								
	CE3AA024	23,200	TDR	13.00	—	13.00	—	12.10	
	CE3AA030	23,200	TDR	13.50	—	13.50	—	12.35	
	<b>COILS + 58MVP060-14 VARIABLE-SPEED FURNACE</b>								
	CC5A/CD5AA024	23,200	TDR	13.00	—	13.00	—	12.10	
	CC5A/CD5AA030	23,200	TDR	13.50	—	13.50	—	12.25	
	CC5A/CD5AW024	23,200	TDR	13.00	—	13.00	—	12.20	
	CC5A/CD5AW030	23,200	TDR	13.50	—	13.50	—	12.25	
	CE3AA024	23,200	TDR	13.00	—	13.00	—	12.15	
	CE3AA030	23,200	TDR	13.50	—	13.50	—	12.40	
	CK3BA024	23,200	TDR	13.00	—	13.00	—	12.50	
	CK3BA030	23,200	TDR	13.50	—	13.50	—	12.40	
	CK5A/CK5BA024	23,000	TDR	13.00	—	13.00	—	12.30	
	CK5A/CK5BA030	23,200	TDR	13.50	—	13.50	—	12.30	
	CK5A/CK5BW024	23,200	TDR	13.00	—	13.00	—	12.35	
	CK5A/CK5BW030	23,200	TDR	13.50	—	13.50	—	12.35	
	<b>COILS + 58MVP080-14 VARIABLE-SPEED FURNACE</b>								
	CC5A/CD5AW024	23,200	TDR	13.00	—	13.00	—	12.15	
	CC5A/CD5AW030	23,200	TDR	13.50	—	13.50	—	12.20	
	CE3AA024	23,200	TDR	13.00	—	13.00	—	12.15	
	CE3AA030	23,200	TDR	13.50	—	13.50	—	12.35	
	CK3BA024	23,200	TDR	13.00	—	13.00	—	12.45	
	CK3BA030	23,200	TDR	13.50	—	13.50	—	12.35	
	CK5A/CK5BW024	23,200	TDR	13.00	—	13.00	—	15.20	
	CK5A/CK5BW030	23,200	TDR	13.50	—	13.50	—	12.30	
	<b>COILS + 58MVP080-20 VARIABLE-SPEED FURNACE</b>								
	CC5A/CD5AW024	23,200	TDR	13.00	—	13.00	—	12.20	
	CC5A/CD5AW030	23,200	TDR	13.50	—	13.50	—	12.25	
	CE3AA024	23,200	TDR	13.00	—	13.00	—	12.15	
	CE3AA030	23,200	TDR	13.50	—	13.50	—	12.40	
	CK3BA024	23,200	TDR	13.00	—	13.00	—	12.45	
	CK3BA030	23,200	TDR	13.50	—	13.50	—	12.40	
	CK5A/CK5BW024	23,200	TDR	13.00	—	13.00	—	12.30	
	CK5A/CK5BW030	23,200	TDR	13.50	—	13.50	—	12.30	
	<b>COILS + 58MVP100-20 VARIABLE-SPEED FURNACE</b>								
	CC5A/CD5AW024	23,200	TDR	13.00	—	13.00	—	12.20	
	CC5A/CD5AW030	23,200	TDR	13.50	—	13.50	—	12.25	
	CE3AA024	23,200	TDR	13.00	—	13.00	—	12.15	
	CE3AA030	23,200	TDR	13.50	—	13.50	—	12.40	
	CK3BA024	23,200	TDR	13.00	—	13.00	—	12.50	
	CK3BA030	23,200	TDR	13.50	—	13.50	—	12.40	
	CK5A/CK5BW024	23,200	TDR	13.00	—	13.00	—	12.30	
	CK5A/CK5BW030	23,200	TDR	13.50	—	13.50	—	12.35	
	<b>COILS + 58MVP120-20 VARIABLE-SPEED FURNACE</b>								
	CE3AA024	23,200	TDR	13.00	—	13.00	—	12.10	
	CE3AA030	23,200	TDR	13.50	—	13.50	—	12.35	
	030-33	*CC5A/CD5AA030	29,000	NONE	—	12.00	12.00	12.00	10.55
		CC5A/CD5AA036	29,600	NONE	—	12.50	12.50	12.50	10.90
		CC5A/CD5AW030	29,000	NONE	—	12.00	12.00	12.00	10.55
		CC5A/CD5AW036	29,600	NONE	—	12.50	12.50	12.50	10.90
		CE3AA030	29,000	NONE	—	12.00	12.00	12.00	10.65
		CE3AA036	29,600	NONE	—	12.20	12.20	12.20	10.80
		CF5AA036	29,600	NONE	—	12.50	12.50	12.50	10.90
		CK3BA030	29,000	NONE	—	12.00	12.00	12.00	10.60
		CK3BA036	29,600	NONE	—	12.50	12.50	12.50	10.95
		CK5A/CK5BA030	29,000	NONE	—	12.00	12.00	12.00	10.60
		CK5A/CK5BA036	29,600	NONE	—	12.50	12.50	12.50	10.95
		CK5A/CK5BT036	29,600	NONE	—	12.50	12.50	12.50	10.95
		CK5A/CK5BW030	29,000	NONE	—	12.00	12.00	12.00	10.60
		CK5A/CK5BW036	29,600	NONE	—	12.50	12.50	12.50	10.95
		F(A,B)4BN(F,C)030	29,200	TDR	12.00	—	12.00	—	10.70
		F(A,B)4BN(F,C)036	29,600	TDR	12.00	—	12.00	—	10.65
		FC4CNF030	29,200	TDR&TXV	12.00	—	—	—	10.70
		FC4CNF036	29,600	TDR&TXV	12.00	—	—	—	10.65
		FF1DNA030	29,600	TDR	12.00	—	12.00	—	10.70

See notes on pg. 16.

# Combination ratings continued

UNIT SIZE-SERIES	INDOOR SECTION	TOTAL CAP. BTUH	FACTORY-SUPPLIED ENHANCEMENT	SEER				EER	
				STANDARD RATING	CARRIER GAS FURNACE OR ACCESSORY TDR†	ACCESSORY			
						TXV‡	LLS		
030-33	FG3AAA036	29,400	NONE	—	12.00	12.00	12.00	10.70	
	FK4DNF001	29,600	TDR&TXV	13.00	—	—	—	11.45	
	FK4DNF002	29,600	TDR&TXV	13.40	—	—	—	11.55	
	FK4DNF003	30,000	TDR&TXV	14.00	—	—	—	12.10	
	FK4DNF005	30,000	TDR&TXV	14.00	—	—	—	12.65	
	<b>COILS + 58CV(A,X)070-12 VARIABLE-SPEED FURNACE</b>								
	CC5A/CD5AA030	28,600	TDR	12.50	—	12.50	—	11.50	
	CC5A/CD5AA036	29,000	TDR	13.00	—	13.00	—	11.90	
	CC5A/CD5AW030	28,600	TDR	12.50	—	12.50	—	11.50	
	CE3AA030	28,600	TDR	12.50	—	12.50	—	11.70	
	CE3AA036	29,000	TDR	12.50	—	12.50	—	11.75	
	CK3BA030	28,600	TDR	12.50	—	12.50	—	11.60	
	CK3BA036	29,000	TDR	13.00	—	13.00	—	11.95	
	CK5A/CK5BA030	28,600	TDR	12.50	—	12.50	—	11.60	
	CK5A/CK5BA036	29,000	TDR	13.00	—	13.00	—	11.95	
	CK5A/CK5BT036	29,000	TDR	13.00	—	13.00	—	11.95	
	CK5A/CK5BW030	28,600	TDR	12.50	—	12.50	—	11.60	
	<b>COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE</b>								
	CC5A/CD5AA030	28,600	TDR	13.00	—	13.00	—	11.65	
	CC5A/CD5AA036	29,000	TDR	13.50	—	13.50	—	12.05	
	CC5A/CD5AW030	28,600	TDR	13.00	—	13.00	—	11.65	
	CC5A/CD5AW036	29,000	TDR	13.50	—	13.50	—	12.05	
	CE3AA030	28,600	TDR	13.00	—	13.00	—	11.85	
	CE3AA036	29,000	TDR	13.00	—	13.00	—	11.95	
	CK3BA030	28,600	TDR	13.00	—	13.00	—	11.70	
	CK3BA036	29,000	TDR	13.50	—	13.50	—	12.10	
	CK5A/CK5BA030	28,600	TDR	13.00	—	13.00	—	11.70	
	CK5A/CK5BA036	29,000	TDR	13.50	—	13.50	—	12.10	
	CK5A/CK5BW030	28,600	TDR	13.00	—	13.00	—	11.70	
	CK5A/CK5BW036	29,000	TDR	13.50	—	13.50	—	12.10	
	<b>COILS + 58MVP040-14 VARIABLE-SPEED FURNACE</b>								
	CC5A/CD5AW030	29,600	TDR	13.00	—	13.00	—	11.45	
	CC5A/CD5AW036	30,000	TDR	13.50	—	13.50	—	11.95	
	CK3BA030	29,000	TDR	12.50	—	12.50	—	11.10	
	CK3BA036	29,600	TDR	13.00	—	13.00	—	11.65	
	CK5A/CK5BW030	29,000	TDR	12.50	—	12.50	—	11.10	
	CK5A/CK5BW036	29,600	TDR	13.00	—	13.00	—	11.65	
	<b>COILS + 58MVP060-14 VARIABLE-SPEED FURNACE</b>								
	CC5A/CD5AA036	30,000	TDR	13.50	—	13.50	—	11.95	
	CC5A/CD5AW030	29,600	TDR	13.00	—	13.00	—	11.45	
	CK3BA030	29,000	TDR	12.50	—	12.50	—	11.10	
	CK3BA036	29,600	TDR	13.00	—	13.00	—	11.65	
	CK5A/CK5BA036	29,600	TDR	13.00	—	13.00	—	11.65	
	CK5A/CK5BT036	29,600	TDR	13.00	—	13.00	—	11.65	
	CK5A/CK5BW030	29,000	TDR	12.50	—	12.50	—	11.10	
	<b>COILS + 58MVP080-14 VARIABLE-SPEED FURNACE</b>								
	CC5A/CD5AW030	29,600	TDR	13.00	—	13.00	—	11.45	
	CC5A/CD5AW036	30,000	TDR	13.50	—	13.50	—	11.95	
	CK3BA030	29,000	TDR	12.50	—	12.50	—	11.20	
	CK3BA036	29,600	TDR	13.00	—	13.00	—	11.75	
	CK5A/CK5BW030	29,000	TDR	12.50	—	12.50	—	11.20	
	CK5A/CK5BW036	29,600	TDR	13.00	—	13.00	—	11.75	
	<b>COILS + 58MVP080-20 VARIABLE-SPEED FURNACE</b>								
	CK3BA030	29,000	TDR	12.50	—	12.50	—	11.05	
	CK3BA036	29,600	TDR	13.00	—	13.00	—	11.60	
	CK5A/CK5BW030	29,000	TDR	12.50	—	12.50	—	11.05	
	CK5A/CK5BW036	29,600	TDR	13.00	—	13.00	—	11.60	
	<b>COILS + 58MVP100-20 VARIABLE-SPEED FURNACE</b>								
	CK3BA030	29,000	TDR	13.00	—	13.00	—	11.45	
	CK3BA036	29,600	TDR	13.50	—	13.50	—	12.00	
	CK5A/CK5BA036	29,600	TDR	13.50	—	13.50	—	12.00	
	CK5A/CK5BT036	29,600	TDR	13.50	—	13.50	—	12.00	
	CK5A/CK5BW030	29,000	TDR	13.00	—	13.00	—	11.45	
	<b>COILS + 58MVP120-20 VARIABLE-SPEED FURNACE</b>								
	CK3BA030	29,000	TDR	13.00	—	13.00	—	11.40	
	CK3BA036	29,600	TDR	13.50	—	13.50	—	11.95	
	036-34	*CC5A/CD5AA036	35,000	NONE	—	12.00	12.00	12.00	10.75
		CC5A/CD5AA042	35,000	NONE	—	12.00	12.00	12.00	10.75
		CC5A/CD5AW036	35,000	NONE	—	12.00	12.00	12.00	10.75
		CE3AA036	34,800	NONE	—	12.00	12.00	12.00	10.60
		CE3AA042	35,400	NONE	—	12.20	12.20	12.20	10.80
		CF5AA036	35,200	NONE	—	12.00	12.00	12.00	10.70
		CK3BA036	35,000	NONE	—	12.00	12.00	12.00	10.75
		CK3BA042	35,000	NONE	—	12.00	12.00	12.00	10.75
		CK5A/CK5BA036	35,000	NONE	—	12.00	12.00	12.00	10.75
		CK5A/CK5BA042	35,000	NONE	—	12.00	12.00	12.00	10.75
		CK5A/CK5BT036	35,000	NONE	—	12.00	12.00	12.00	10.75
		CK5A/CK5BT042	35,000	NONE	—	12.00	12.00	12.00	10.75
		CK5A/CK5B036	35,000	NONE	—	12.00	12.00	12.00	10.75
		F(A,B)4BN(F,B,C)042	35,400	TDR	12.00	—	12.00	—	10.70

See notes on pg. 16.

# Combination ratings continued

UNIT SIZE-SERIES	INDOOR SECTION	TOTAL CAP. BTUH	FACTORY-SUPPLIED ENHANCEMENT	SEER				EER	
				STANDARD RATING	CARRIER GAS FURNACE OR ACCESSORY TDR†	ACCESSORY			
						TXV‡	LLS		
036-34	F(A,B)4BN(FC)036	35,000	TDR	12.00	—	12.00	—	10.65	
	FC4CN(FB)042	35,400	TDR&TXV	12.00	—	—	—	10.70	
	FC4CNB054	36,000	TDR&TXV	13.00	—	—	—	11.45	
	FC4CNF036	35,000	TDR&TXV	12.00	—	—	—	10.65	
	FG3AAA036	34,600	NONE	—	11.80	11.80	11.80	10.50	
	FK4DNB006	36,000	TDR&TXV	14.00	—	—	—	12.35	
	FK4DNF001	35,000	TDR&TXV	12.20	—	—	—	10.95	
	FK4DNF002	35,000	TDR&TXV	12.50	—	—	—	11.00	
	FK4DNF003	35,400	TDR&TXV	13.00	—	—	—	11.60	
	FK4DNF005	36,000	TDR&TXV	14.00	—	—	—	12.10	
	<b>COILS + 58CV(A,X)070-12 VARIABLE-SPEED FURNACE</b>								
	CC5A/CD5AA036	34,600	TDR	12.50	—	12.50	—	11.35	
	CE3AA036	34,000	TDR	12.50	—	12.50	—	11.20	
	CE3AA042	34,600	TDR	12.50	—	12.50	—	11.45	
	CK3BA036	34,600	TDR	12.50	—	12.50	—	11.35	
	CK5A/CK5BA036	34,600	TDR	12.50	—	12.50	—	11.35	
	CK5A/CK5BE042	35,000	TDR	13.00	—	13.00	—	11.50	
	CK5A/CK5BT036	34,600	TDR	12.50	—	12.50	—	11.35	
	<b>COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE</b>								
	CC5A/CD5AA036	34,600	TDR	13.00	—	13.00	—	11.50	
	CC5A/CD5AA042	35,000	TDR	13.00	—	13.00	—	11.65	
	CC5A/CD5AW036	34,600	TDR	13.00	—	13.00	—	11.50	
	CE3AA036	34,000	TDR	12.50	—	12.50	—	11.40	
	CE3AA042	34,600	TDR	13.00	—	13.00	—	11.65	
	CK3BA036	34,600	TDR	13.00	—	13.00	—	11.55	
	CK3BA042	35,000	TDR	13.00	—	13.00	—	11.60	
	CK5A/CK5BA036	34,600	TDR	13.00	—	13.00	—	11.55	
	CK5A/CK5BA042	35,000	TDR	13.00	—	13.00	—	11.60	
	CK5A/CK5BE042	35,000	TDR	13.00	—	13.00	—	11.70	
	CK5A/CK5BT036	34,600	TDR	13.00	—	13.00	—	11.55	
	CK5A/CK5BT042	35,000	TDR	13.00	—	13.00	—	11.60	
	CK5A/CK5BW036	34,600	TDR	13.00	—	13.00	—	11.55	
	<b>COILS + 58CV(A,X)110-22 VARIABLE-SPEED FURNACE</b>								
	CC5A/CD5AA036	34,600	TDR	13.00	—	13.00	—	11.60	
	CC5A/CD5AA042	35,000	TDR	13.00	—	13.00	—	11.75	
	CC5A/CD5AW036	34,600	TDR	13.00	—	13.00	—	11.60	
	CC5A/CD5AW042	34,800	TDR	13.00	—	13.00	—	11.65	
	CE3AA036	34,000	TDR	12.50	—	12.50	—	11.45	
	CE3AA042	34,600	TDR	13.00	—	13.00	—	11.75	
	CK3BA036	34,600	TDR	13.00	—	13.00	—	11.65	
	CK3BA042	35,000	TDR	13.00	—	13.00	—	11.70	
	CK5A/CK5BA036	34,600	TDR	13.00	—	13.00	—	11.65	
	CK5A/CK5BA042	35,000	TDR	13.00	—	13.00	—	11.70	
	CK5A/CK5BT036	34,600	TDR	13.00	—	13.00	—	11.65	
	CK5A/CK5BT042	35,000	TDR	13.00	—	13.00	—	11.70	
	CK5A/CK5BW036	34,600	TDR	13.00	—	13.00	—	11.65	
	<b>COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE</b>								
	CC5A/CD5AA042	35,000	TDR	13.00	—	13.00	—	11.70	
	CC5A/CD5AW036	34,600	TDR	13.00	—	13.00	—	11.55	
	CC5A/CD5AW042	34,800	TDR	13.00	—	13.00	—	11.60	
	CE3AA036	34,000	TDR	12.50	—	12.50	—	11.40	
	CE3AA042	34,600	TDR	13.00	—	13.00	—	11.70	
	CK3BA042	35,000	TDR	13.00	—	13.00	—	11.65	
	CK5A/CK5BA042	35,000	TDR	13.00	—	13.00	—	11.65	
	CK5A/CK5BT042	35,000	TDR	13.00	—	13.00	—	11.65	
	CK5A/CK5BW036	34,600	TDR	13.00	—	13.00	—	11.55	
	<b>COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE</b>								
	CC5A/CD5AA042	35,000	TDR	13.00	—	13.00	—	11.80	
	CC5A/CD5AW036	34,600	TDR	13.00	—	13.00	—	11.60	
	CC5A/CD5AW042	35,000	TDR	13.00	—	13.00	—	11.70	
	CE3AA036	34,000	TDR	12.50	—	12.50	—	11.45	
	CE3AA042	34,600	TDR	13.00	—	13.00	—	11.75	
	CK3BA042	35,000	TDR	13.00	—	13.00	—	11.75	
	CK5A/CK5BA042	35,000	TDR	13.00	—	13.00	—	11.75	
	CK5A/CK5BT042	35,000	TDR	13.00	—	13.00	—	11.75	
	CK5A/CK5BW036	34,600	TDR	13.00	—	13.00	—	11.65	
	<b>COILS + 58MVP040-14 VARIABLE-SPEED FURNACE</b>								
	CC5A/CD5AA042	35,200	TDR	13.00	—	13.00	—	11.70	
	CC5A/CD5AW036	35,200	TDR	13.00	—	13.00	—	11.60	
	CK3BA036	35,000	TDR	12.50	—	12.50	—	11.35	
	CK3BA042	35,000	TDR	13.00	—	13.00	—	11.45	
	CK5A/CK5BA042	35,000	TDR	13.00	—	13.00	—	11.45	
	CK5A/CK5BT042	35,000	TDR	13.00	—	13.00	—	11.45	
	CK5A/CK5BW036	35,000	TDR	12.50	—	12.50	—	11.35	
	<b>COILS + 58MVP060-14 VARIABLE-SPEED FURNACE</b>								
	CC5A/CD5AA036	35,200	TDR	13.00	—	13.00	—	11.60	
	CK3BA036	35,000	TDR	12.50	—	12.50	—	11.35	
	CK3BA042	35,000	TDR	13.00	—	13.00	—	11.40	
	CK5A/CK5BA036	35,000	TDR	12.50	—	12.50	—	11.35	
	CK5A/CK5BT036	35,000	TDR	12.50	—	12.50	—	11.35	

See notes on pg. 16.

# Combination ratings continued

UNIT SIZE-SERIES	INDOOR SECTION	TOTAL CAP. BTUH	FACTORY-SUPPLIED ENHANCEMENT	SEER				EER	
				STANDARD RATING	CARRIER GAS FURNACE OR ACCESSORY TDR†	ACCESSORY			
						TXV‡	LLS		
036-34	<b>COILS + 58MVP080-14 VARIABLE-SPEED FURNACE</b>								
	CC5A/CD5AA042	35,200	TDR	13.00	—	13.00	—	11.70	
	CC5A/CD5AW036	35,200	TDR	13.00	—	13.00	—	11.60	
	CK3BA036	35,000	TDR	12.50	—	12.50	—	11.45	
	CK3BA042	35,000	TDR	13.00	—	13.00	—	11.50	
	CK5A/CK5BA042	35,000	TDR	13.00	—	13.00	—	11.50	
	CK5A/CK5BT042	35,000	TDR	13.00	—	13.00	—	11.50	
	CK5A/CK5BW036	35,000	TDR	12.50	—	12.50	—	11.45	
	<b>COILS + 58MVP080-20 VARIABLE-SPEED FURNACE</b>								
	CK3BA036	35,000	TDR	12.50	—	12.50	—	11.30	
	CK3BA042	35,000	TDR	13.00	—	13.00	—	11.40	
	CK5A/CK5BA042	35,000	TDR	13.00	—	13.00	—	11.40	
	CK5A/CK5BT042	35,000	TDR	13.00	—	13.00	—	11.40	
	CK5A/CK5BW036	35,000	TDR	12.50	—	12.50	—	11.30	
	<b>COILS + 58MVP100-20 VARIABLE-SPEED FURNACE</b>								
	CC5A/CD5AA042	35,200	TDR	13.00	—	13.00	—	11.70	
	CC5A/CD5AW036	35,200	TDR	13.00	—	13.00	—	11.60	
	CK3BA036	35,000	TDR	13.00	—	13.00	—	11.65	
	CK3BA042	35,000	TDR	13.00	—	13.00	—	11.65	
	CK5A/CK5BA042	35,000	TDR	13.00	—	13.00	—	11.65	
	CK5A/CK5BT042	35,000	TDR	13.00	—	13.00	—	11.65	
	CK5A/CK5BW036	35,000	TDR	13.00	—	13.00	—	11.65	
	<b>COILS + 58MVP120-20 VARIABLE-SPEED FURNACE</b>								
	CK5A/CK5BA042	35,000	TDR	13.00	—	13.00	—	11.65	
	CK5A/CK5BT042	35,000	TDR	13.00	—	13.00	—	11.65	
	CK5A/CK5BW036	35,000	TDR	13.00	—	13.00	—	11.60	
	042-34	*CC5A/CD5AA042	41,000	NONE	—	12.00	12.00	12.00	10.65
		CC5A/CD5AC048	40,500	NONE	—	12.00	12.00	12.00	10.55
		CC5A/CD5AW048	41,000	NONE	—	12.20	12.20	12.20	10.65
		CD5AA048	41,000	NONE	—	12.20	12.20	12.20	10.65
		CE3AA042	41,000	NONE	—	12.00	12.00	12.00	10.70
		CE3AA048	41,500	NONE	—	12.20	12.20	12.20	10.75
		CF5AA048	41,500	NONE	—	12.20	12.20	12.20	10.70
		CK3BA042	41,000	NONE	—	12.00	12.00	12.00	10.65
		CK3BA048	41,000	NONE	—	12.20	12.20	12.20	10.70
		CK5A/CK5BA042	41,000	NONE	—	12.00	12.00	12.00	10.65
CK5A/CK5BA048		41,000	NONE	—	12.20	12.20	12.20	10.70	
CK5A/CK5BE042		40,000	NONE	—	12.20	12.20	12.20	10.70	
CK5A/CK5BT042		41,000	NONE	—	12.00	12.00	12.00	10.65	
CK5A/CK5BT048		41,000	NONE	—	12.20	12.20	12.20	10.70	
CK5A/CK5BW048		41,000	NONE	—	12.20	12.20	12.20	10.70	
F(A,B)4BN(F,B,C)042		41,000	TDR	12.00	—	12.00	—	10.50	
F(A,B)4BN(F,B,C)048		41,500	TDR	12.20	—	12.20	—	10.70	
FC4CN(FB)042		41,000	TDR&TXV	12.00	—	—	—	10.50	
FC4CN(FB)048		41,500	TDR&TXV	12.20	—	—	—	10.70	
FC4CNB054		43,000	TDR&TXV	13.00	—	—	—	11.40	
FG3AAA048		41,000	NONE	—	12.20	12.20	12.20	10.65	
FK4DNB006		43,000	TDR&TXV	14.00	—	—	—	12.10	
FK4DNF003		41,500	TDR&TXV	13.00	—	—	—	11.30	
FK4DNF005		42,000	TDR&TXV	13.50	—	—	—	11.75	
<b>COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE</b>									
CC5A/CD5AA042		40,000	TDR	12.50	—	12.50	—	11.25	
CC5A/CD5AC048		39,500	TDR	13.00	—	13.00	—	11.25	
CD5AA048		40,500	TDR	13.00	—	13.00	—	11.40	
CE3AA042		40,000	TDR	12.50	—	12.50	—	11.35	
CE3AA048		40,500	TDR	12.50	—	12.50	—	11.40	
CK3BA042		40,000	TDR	12.50	—	12.50	—	11.30	
CK3BA048		40,500	TDR	13.00	—	13.00	—	11.45	
CK5A/CK5BA042		40,000	TDR	12.50	—	12.50	—	11.30	
CK5A/CK5BA048		40,500	TDR	13.00	—	13.00	—	11.45	
CK5A/CK5BE042		40,000	TDR	12.50	—	12.50	—	11.35	
CK5A/CK5BT042		40,000	TDR	12.50	—	12.50	—	11.30	
CK5A/CK5BT048	40,500	TDR	13.00	—	13.00	—	11.45		
<b>COILS + 58CV(A,X)110-22 VARIABLE-SPEED FURNACE</b>									
CC5A/CD5AA042	40,000	TDR	12.50	—	12.50	—	11.35		
CC5A/CD5AC048	39,500	TDR	13.00	—	13.00	—	11.35		
CC5A/CD5AW042	40,000	TDR	12.50	—	12.50	—	11.30		
CC5A/CD5AW048	40,500	TDR	13.00	—	13.00	—	11.50		
CD5AA048	40,500	TDR	13.00	—	13.00	—	11.55		
CE3AA042	40,000	TDR	12.50	—	12.50	—	11.45		
CE3AA048	40,500	TDR	13.00	—	13.00	—	11.50		
CK3BA042	40,000	TDR	12.50	—	12.50	—	11.40		
CK3BA048	40,500	TDR	13.00	—	13.00	—	11.55		
CK5A/CK5BA042	40,000	TDR	12.50	—	12.50	—	11.40		
CK5A/CK5BA048	40,500	TDR	13.00	—	13.00	—	11.55		
CK5A/CK5BT042	40,000	TDR	12.50	—	12.50	—	11.40		
CK5A/CK5BT048	40,500	TDR	13.00	—	13.00	—	11.55		
CK5A/CK5BW048	40,500	TDR	13.00	—	13.00	—	11.55		
<b>COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE</b>									
CC5A/CD5AA042	40,000	TDR	12.50	—	12.50	—	11.35		
CC5A/CD5AC048	39,500	TDR	13.00	—	13.00	—	11.40		

See notes on pg. 16.



# Combination ratings continued

UNIT SIZE-SERIES	INDOOR SECTION	TOTAL CAP. BTUH	FACTORY-SUPPLIED ENHANCEMENT	SEER				EER		
				STANDARD RATING	CARRIER GAS FURNACE OR ACCESSORY TDR†	ACCESSORY				
						TXV‡	LLS			
042-34	CC5A/CD5AW042	40,000	TDR	12.50	—	12.50	—	11.30		
	CC5A/CD5AW048	40,500	TDR	13.00	—	13.00	—	11.55		
	CD5AA048	40,500	TDR	13.00	—	13.00	—	11.55		
	CE3AA042	40,000	TDR	12.50	—	12.50	—	11.45		
	CE3AA048	40,500	TDR	13.00	—	13.00	—	11.50		
	CK3BA042	40,000	TDR	12.50	—	12.50	—	11.40		
	CK3BA048	40,500	TDR	13.00	—	13.00	—	11.60		
	CK5A/CK5BA042	40,000	TDR	12.50	—	12.50	—	11.40		
	CK5A/CK5BA048	40,500	TDR	13.00	—	13.00	—	11.60		
	CK5A/CK5BT042	40,000	TDR	12.50	—	12.50	—	11.40		
	CK5A/CK5BT048	40,500	TDR	13.00	—	13.00	—	11.60		
	CK5A/CK5BW048	40,500	TDR	13.00	—	13.00	—	11.60		
	<b>COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE</b>									
	CC5A/CD5AA042	40,000	TDR	12.50	—	12.50	—	—	11.40	
	CC5A/CD5AC048	39,500	TDR	13.00	—	13.00	—	—	11.40	
	CC5A/CD5AW042	40,000	TDR	12.50	—	12.50	—	—	11.30	
	CC5A/CD5AW048	40,500	TDR	13.00	—	13.00	—	—	11.60	
	CD5AA048	40,500	TDR	13.00	—	13.00	—	—	11.60	
	CE3AA042	40,000	TDR	12.50	—	12.50	—	—	11.50	
	CE3AA048	40,500	TDR	13.00	—	13.00	—	—	11.55	
	CK3BA042	40,000	TDR	12.50	—	12.50	—	—	11.45	
	CK3BA048	40,500	TDR	13.00	—	13.00	—	—	11.60	
	CK5A/CK5BA042	40,000	TDR	12.50	—	12.50	—	—	11.45	
	CK5A/CK5BA048	40,500	TDR	13.00	—	13.00	—	—	11.60	
	CK5A/CK5BT042	40,000	TDR	12.50	—	12.50	—	—	11.45	
	CK5A/CK5BT048	40,500	TDR	13.00	—	13.00	—	—	11.60	
	CK5A/CK5BW048	40,500	TDR	13.00	—	13.00	—	—	11.60	
	<b>COILS + 58MVP060-14 VARIABLE-SPEED FURNACE</b>									
	CK3BA042	40,500	TDR	12.50	—	12.50	—	—	11.00	
	CK3BA048	41,000	TDR	12.50	—	12.50	—	—	11.15	
	CK5A/CK5BE042	40,000	TDR	12.50	—	12.50	—	—	11.05	
	<b>COILS + 58MVP080-14 VARIABLE-SPEED FURNACE</b>									
	CC5A/CD5AA042	41,000	TDR	13.00	—	13.00	—	—	11.50	
	CD5AA048	41,000	TDR	13.50	—	13.50	—	—	11.65	
	CK3BA042	40,500	TDR	12.50	—	12.50	—	—	11.15	
	CK3BA048	41,000	TDR	12.50	—	12.50	—	—	11.15	
	CK5A/CK5BA042	40,500	TDR	12.50	—	12.50	—	—	11.15	
	CK5A/CK5BA048	41,000	TDR	12.50	—	12.50	—	—	11.15	
	CK5A/CK5BT042	40,500	TDR	12.50	—	12.50	—	—	11.15	
	CK5A/CK5BT048	41,000	TDR	12.50	—	12.50	—	—	11.15	
	<b>COILS + 58MVP080-20 VARIABLE-SPEED FURNACE</b>									
	CK3BA042	40,500	TDR	12.50	—	12.50	—	—	11.00	
	CK3BA048	41,000	TDR	12.50	—	12.50	—	—	11.15	
	CK5A/CK5BA042	40,500	TDR	12.50	—	12.50	—	—	11.00	
	CK5A/CK5BA048	41,000	TDR	12.50	—	12.50	—	—	11.15	
	CK5A/CK5BT042	40,500	TDR	12.50	—	12.50	—	—	11.00	
	CK5A/CK5BT048	41,000	TDR	12.50	—	12.50	—	—	11.15	
	<b>COILS + 58MVP100-20 VARIABLE-SPEED FURNACE</b>									
	CC5A/CD5AA042	41,000	TDR	13.00	—	13.00	—	—	11.50	
	CD5AA048	41,000	TDR	13.50	—	13.50	—	—	11.65	
	CK3BA042	40,500	TDR	13.00	—	13.00	—	—	11.35	
	CK3BA048	41,000	TDR	13.00	—	13.00	—	—	11.50	
	CK5A/CK5BA042	40,500	TDR	13.00	—	13.00	—	—	11.35	
	CK5A/CK5BA048	41,000	TDR	13.00	—	13.00	—	—	11.50	
	CK5A/CK5BT042	40,500	TDR	13.00	—	13.00	—	—	11.35	
	CK5A/CK5BT048	41,000	TDR	13.00	—	13.00	—	—	11.50	
	<b>COILS + 58MVP120-20 VARIABLE-SPEED FURNACE</b>									
	CK3BA042	40,500	TDR	13.00	—	13.00	—	—	11.30	
	CK3BA048	41,000	TDR	13.00	—	13.00	—	—	11.45	
	CK5A/CK5BA042	40,500	TDR	13.00	—	13.00	—	—	11.30	
	CK5A/CK5BT042	40,500	TDR	13.00	—	13.00	—	—	11.30	
	CK5A/CK5BW048	41,000	TDR	13.00	—	13.00	—	—	11.45	
	048-36	*CC5A/CD5AA060	48,000	NONE	—	12.00	12.00	12.00	10.60	
		CC5A/CD5AC048	46,500	NONE	—	11.80	11.80	11.80	10.50	
		CC5A/CD5AW048	47,500	NONE	—	12.00	12.00	12.00	10.55	
		CC5A/CD5AW060	48,500	NONE	—	12.40	12.40	12.40	10.80	
		CD5AA048	47,500	NONE	—	12.00	12.00	12.00	10.60	
		CE3AA048	47,500	NONE	—	12.00	12.00	12.00	10.70	
		CE3AA060	48,000	NONE	—	12.40	12.40	12.40	10.85	
		CF5AA048	47,500	NONE	—	12.00	12.00	12.00	10.65	
		CK3BA048	47,500	NONE	—	12.00	12.00	12.00	10.60	
		CK3BA060	48,000	NONE	—	12.00	12.00	12.00	10.80	
		CK5A/CK5BA048	47,500	NONE	—	12.00	12.00	12.00	10.60	
		CK5A/CK5BA060	48,000	NONE	—	12.00	12.00	12.00	10.80	
		CK5A/CK5BT048	47,500	NONE	—	12.00	12.00	12.00	10.60	
		CK5A/CK5BT060	48,000	NONE	—	12.00	12.00	12.00	10.80	
		CK5A/CK5BW048	47,500	NONE	—	12.00	12.00	12.00	10.60	
		CK5A/CK5BX060	48,500	NONE	—	12.40	12.40	12.40	10.95	
		F(A,B)4BN(F,B,C)048	47,500	TDR	12.00	—	12.00	—	—	10.55
		F(A,B)4BN(F,B,C)060	48,000	TDR	12.10	—	12.10	—	—	10.60
		FB4BNB070	48,000	TDR	12.20	—	12.20	—	—	10.90

See notes on pg. 16.

# Combination ratings continued

UNIT SIZE-SERIES	INDOOR SECTION	TOTAL CAP. BTUH	FACTORY-SUPPLIED ENHANCEMENT	SEER				EER	
				STANDARD RATING	CARRIER GAS FURNACE OR ACCESSORY TDR†	ACCESSORY			
						TXV‡	LLS		
048-36	FC4CN(FB)048	47,500	TDR&TXV	12.00	—	—	—	10.55	
	FC4CN(FB)060	48,000	TDR&TXV	12.10	—	—	—	10.65	
	FC4CNB054	48,500	TDR&TXV	12.50	—	—	—	10.95	
	FC4CNB070	48,000	TDR&TXV	12.20	—	—	—	10.95	
	FG3AAA048	48,000	NONE	—	12.20	12.20	12.20	10.60	
	FK4DNB006	48,500	TDR&TXV	13.50	—	—	—	12.00	
	FK4DNF005	47,500	TDR&TXV	13.20	—	—	—	11.70	
	<b>COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE</b>								
	CC5A/CD5AC048	46,000	TDR	TDR	12.00	—	12.00	—	10.80
	CD5AA048	46,500	TDR	TDR	12.00	—	12.00	—	10.95
	CE3AA048	46,500	TDR	TDR	12.00	—	12.00	—	11.00
	CE3AA060	47,000	TDR	TDR	12.50	—	12.50	—	11.30
	CK3BA048	46,500	TDR	TDR	12.00	—	12.00	—	11.00
	CK5A/CK5BA048	46,500	TDR	TDR	12.00	—	12.00	—	11.00
	CK5A/CK5BT048	46,500	TDR	TDR	12.00	—	12.00	—	11.00
	<b>COILS + 58CV(A,X)110-20 VARIABLE-SPEED FURNACE</b>								
	CC5A/CD5AA060	47,000	TDR	TDR	12.50	—	12.50	—	11.05
	CC5A/CD5AC048	46,000	TDR	TDR	12.00	—	12.00	—	10.80
	CC5A/CD5AW048	46,500	TDR	TDR	12.50	—	12.50	—	11.05
	CD5AA048	46,500	TDR	TDR	12.50	—	12.50	—	11.00
	CE3AA048	46,500	TDR	TDR	12.50	—	12.50	—	11.05
	CE3AA060	47,000	TDR	TDR	12.50	—	12.50	—	11.35
	CK3BA048	46,500	TDR	TDR	12.50	—	12.50	—	11.05
	CK3BA060	47,000	TDR	TDR	12.50	—	12.50	—	11.35
	CK5A/CK5BA048	46,500	TDR	TDR	12.50	—	12.50	—	11.05
	CK5A/CK5BA060	47,000	TDR	TDR	12.50	—	12.50	—	11.35
	CK5A/CK5BT048	46,500	TDR	TDR	12.50	—	12.50	—	11.05
	CK5A/CK5BT060	47,000	TDR	TDR	12.50	—	12.50	—	11.40
	CK5A/CK5BW048	46,500	TDR	TDR	12.50	—	12.50	—	11.15
	CK5A/CK5BX060	48,000	TDR	TDR	13.00	—	13.00	—	11.50
	<b>COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE</b>								
	CC5A/CD5AA060	47,000	TDR	TDR	12.50	—	12.50	—	11.20
	CC5A/CD5AC048	46,000	TDR	TDR	12.00	—	12.00	—	10.95
	CC5A/CD5AW048	46,500	TDR	TDR	12.50	—	12.50	—	11.15
	CD5AA048	46,500	TDR	TDR	12.50	—	12.50	—	11.15
	CE3AA048	46,500	TDR	TDR	12.50	—	12.50	—	11.15
	CE3AA060	47,000	TDR	TDR	12.50	—	12.50	—	11.50
	CK3BA048	46,500	TDR	TDR	12.50	—	12.50	—	11.20
	CK3BA060	47,000	TDR	TDR	12.50	—	12.50	—	11.50
	CK5A/CK5BA048	46,500	TDR	TDR	12.50	—	12.50	—	11.15
	CK5A/CK5BA060	47,000	TDR	TDR	12.50	—	12.50	—	11.50
	CK5A/CK5BT048	46,500	TDR	TDR	12.50	—	12.50	—	11.15
	CK5A/CK5BT060	47,000	TDR	TDR	12.50	—	12.50	—	11.50
	CK5A/CK5BW048	46,500	TDR	TDR	12.50	—	12.50	—	11.25
	CK5A/CK5BX060	48,000	TDR	TDR	13.00	—	13.00	—	11.60
	<b>COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE</b>								
	CC5A/CD5AA060	47,000	TDR	TDR	12.50	—	12.50	—	11.30
	CC5A/CD5AC048	46,000	TDR	TDR	12.50	—	12.50	—	11.05
	CC5A/CD5AW048	46,500	TDR	TDR	12.50	—	12.50	—	11.25
	CD5AA048	46,500	TDR	TDR	12.50	—	12.50	—	11.25
	CE3AA048	46,500	TDR	TDR	12.50	—	12.50	—	11.25
	CE3AA060	47,000	TDR	TDR	12.50	—	12.50	—	11.60
	CK3BA048	46,500	TDR	TDR	12.50	—	12.50	—	11.30
	CK3BA060	47,000	TDR	TDR	12.50	—	12.50	—	11.60
	CK5A/CK5BA048	46,500	TDR	TDR	12.50	—	12.50	—	11.25
	CK5A/CK5BA060	47,000	TDR	TDR	12.50	—	12.50	—	11.60
	CK5A/CK5BT048	46,500	TDR	TDR	12.50	—	12.50	—	11.25
	CK5A/CK5BT060	47,000	TDR	TDR	12.50	—	12.50	—	11.60
	CK5A/CK5BW048	46,500	TDR	TDR	12.50	—	12.50	—	11.35
	CK5A/CK5BX060	48,000	TDR	TDR	13.00	—	13.00	—	11.70
	<b>COILS + 58MVP080-20 VARIABLE-SPEED FURNACE</b>								
	CC5A/CD5AA060	47,000	TDR	TDR	12.50	—	12.50	—	10.90
	CC5A/CD5AC048	46,000	TDR	TDR	12.00	—	12.00	—	10.65
	CC5A/CD5AW048	46,500	TDR	TDR	12.00	—	12.00	—	10.85
	CD5AA048	46,500	TDR	TDR	12.00	—	12.00	—	10.85
	CE3AA048	47,000	TDR	TDR	12.00	—	12.00	—	10.90
	CE3AA060	47,000	TDR	TDR	12.50	—	12.50	—	11.15
	CK3BA048	46,500	TDR	TDR	12.00	—	12.00	—	10.90
	CK3BA060	47,000	TDR	TDR	12.50	—	12.50	—	11.15
	CK5A/CK5BA048	46,500	TDR	TDR	12.00	—	12.00	—	10.85
	CK5A/CK5BA060	47,000	TDR	TDR	12.50	—	12.50	—	11.20
	CK5A/CK5BT048	46,500	TDR	TDR	12.00	—	12.00	—	10.85
	CK5A/CK5BT060	47,000	TDR	TDR	12.50	—	12.50	—	11.20
	CK5A/CK5BW048	46,500	TDR	TDR	12.00	—	12.00	—	10.95
	CK5A/CK5BX060	48,000	TDR	TDR	12.50	—	12.50	—	11.30
	<b>COILS + 58MVP100-20 VARIABLE-SPEED FURNACE</b>								
	CC5A/CD5AA060	47,000	TDR	TDR	12.50	—	12.50	—	10.95
	CC5A/CD5AC048	46,000	TDR	TDR	12.00	—	12.00	—	10.75
	CC5A/CD5AW048	46,500	TDR	TDR	12.50	—	12.50	—	10.90
	CD5AA048	46,500	TDR	TDR	12.50	—	12.50	—	10.90
	CE3AA048	47,000	TDR	TDR	12.50	—	12.50	—	10.95
	CE3AA060	47,000	TDR	TDR	12.50	—	12.50	—	11.25

See notes on pg. 16.

# Combination ratings continued

UNIT SIZE-SERIES	INDOOR SECTION	TOTAL CAP. BTUH	FACTORY-SUPPLIED ENHANCEMENT	SEER				EER	
				STANDARD RATING	CARRIER GAS FURNACE OR ACCESSORY TDR†	ACCESSORY			
						TXV‡	LLS		
048-36	CK3BA048	46,500	TDR	12.50	—	12.50	—	10.95	
	CK3BA060	47,000	TDR	12.50	—	12.50	—	11.25	
	CK5A/CK5BA048	46,500	TDR	12.50	—	12.50	—	10.95	
	CK5A/CK5BA060	47,000	TDR	12.50	—	12.50	—	11.25	
	CK5A/CK5BT048	46,500	TDR	12.50	—	12.50	—	10.95	
	CK5A/CK5BT060	47,000	TDR	12.50	—	12.50	—	11.25	
	CK5A/CK5BW048	46,500	TDR	12.50	—	12.50	—	11.00	
	CK5A/CK5BX060	48,000	TDR	12.80	—	12.80	—	11.35	
	<b>COILS + 58MVP120-20 VARIABLE-SPEED FURNACE</b>								
	CC5A/CD5AA060	47,000	TDR	12.50	—	12.50	—	11.00	
	CC5A/CD5AC048	46,000	TDR	12.00	—	12.00	—	10.75	
	CC5A/CD5AW048	46,500	TDR	12.50	—	12.50	—	10.95	
	CD5AA048	46,500	TDR	12.50	—	12.50	—	10.95	
	CE3AA048	47,000	TDR	12.50	—	12.50	—	11.00	
	CE3AA060	47,000	TDR	12.50	—	12.50	—	11.25	
	CK3BA048	46,500	TDR	12.50	—	12.50	—	11.00	
	CK3BA060	47,000	TDR	12.50	—	12.50	—	11.25	
	CK5A/CK5BA048	46,500	TDR	12.50	—	12.50	—	10.95	
	CK5A/CK5BA060	47,000	TDR	12.50	—	12.50	—	11.30	
	CK5A/CK5BT048	46,500	TDR	12.50	—	12.50	—	10.95	
CK5A/CK5BT060	47,000	TDR	12.50	—	12.50	—	11.30		
CK5A/CK5BW048	46,500	TDR	12.50	—	12.50	—	11.05		
CK5A/CK5BX060	48,000	TDR	13.00	—	13.00	—	11.40		
060-34	*CC5A/CD5AW060	57,000	NONE	—	12.00	12.00	12.00	10.30	
	CC5A/CD5AA060	55,000	NONE	—	12.00	12.00	12.00	10.20	
	CE3AA060	57,000	NONE	—	12.00	12.00	12.00	10.40	
	CK3BA060	55,000	NONE	—	12.00	12.00	12.00	10.45	
	CK5A/CK5BA060	55,000	NONE	—	12.00	12.00	12.00	10.35	
	CK5A/CK5BT060	55,000	NONE	—	12.00	12.00	12.00	10.35	
	CK5A/CK5BX060	57,000	NONE	—	12.00	12.00	12.00	10.45	
	F(A,B)4BN(F,B,C)060	57,000	TDR	11.50	—	11.50	—	9.95	
	FB4BNB070	58,000	TDR	12.00	—	12.00	—	10.40	
	FC4CN(F,B)060	57,000	TDR&TXV	11.50	—	—	—	9.95	
	FC4CNB070	58,000	TDR&TXV	12.00	—	—	—	10.40	
	FG3AAA060	57,000	NONE	—	12.00	12.00	12.00	10.30	
	FK4DNB060	58,000	TDR&TXV	12.50	—	—	—	10.65	
	<b>COILS + 58CV(A,X)110-22 VARIABLE-SPEED FURNACE</b>								
	CC5A/CD5AA060	54,500	TDR	12.00	—	12.00	—	10.40	
	CE3AA060	54,500	TDR	12.00	—	12.00	—	10.75	
	CK3BA060	54,500	TDR	12.00	—	12.00	—	10.55	
	CK5A/CK5BA060	54,500	TDR	12.00	—	12.00	—	10.55	
	CK5A/CK5BT060	54,500	TDR	12.00	—	12.00	—	10.55	
	CK5A/CK5BX060	56,000	TDR	12.50	—	12.50	—	10.90	
<b>COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE</b>									
CC5A/CD5AA060	54,500	TDR	12.00	—	12.00	—	10.35		
CC5A/CD5AW060	56,000	TDR	12.50	—	12.50	—	10.70		
CE3AA060	54,500	TDR	12.00	—	12.00	—	10.70		
CK3BA060	54,500	TDR	12.00	—	12.00	—	10.55		
CK5A/CK5BA060	54,500	TDR	12.00	—	12.00	—	10.55		
CK5A/CK5BT060	54,500	TDR	12.00	—	12.00	—	10.55		
CK5A/CK5BX060	56,000	TDR	12.50	—	12.50	—	10.90		
<b>COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE</b>									
CC5A/CD5AA060	54,500	TDR	12.00	—	12.00	—	10.45		
CC5A/CD5AW060	56,000	TDR	12.50	—	12.50	—	10.75		
CE3AA060	54,500	TDR	12.00	—	12.00	—	10.80		
CK3BA060	54,500	TDR	12.00	—	12.00	—	10.60		
CK5A/CK5BA060	54,500	TDR	12.00	—	12.00	—	10.60		
CK5A/CK5BT060	54,500	TDR	12.00	—	12.00	—	10.60		
CK5A/CK5BX060	56,000	TDR	12.50	—	12.50	—	10.95		

\* Tested combination

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

‡ Based on computer simulation. Requires hard shutoff TXV.

**EER** — Energy Efficiency Ratio

**LLS** — Liquid-Line Solenoid Valve

**SEER** — Seasonal Energy Efficiency Ratio

**TDR** — Time-Delay Relay

**TXV** — Thermostatic Expansion Valve

- 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.
  4. Do not apply with capillary tube coils as performance and reliability are significantly affected.



# Detailed cooling capacities\*

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F														
		85			95			105			115			125		
		Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**
CFM	EWB	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	
<b>38TRA018-33 Outdoor Section With CK5BA018 Indoor Section</b>																
525	72	19.5	9.60	1.40	18.8	9.33	1.58	18.0	9.05	1.77	17.2	8.75	1.98	16.3	8.44	2.21
	67	17.8	12.1	1.38	17.1	11.9	1.55	16.4	11.6	1.74	15.6	11.2	1.95	14.8	10.9	2.17
	62	16.2	14.6	1.37	15.6	14.3	1.54	14.9	14.0	1.72	14.3	13.6	1.93	13.5	13.2	2.16
	57	15.6	15.6	1.36	15.1	15.1	1.54	14.5	14.5	1.73	14.0	14.0	1.93	13.4	13.4	2.16
600	72	19.8	10.0	1.44	19.1	9.74	1.61	18.3	9.45	1.80	17.4	9.16	2.01	16.5	8.84	2.25
	67	18.1	12.8	1.41	17.4	12.6	1.58	16.7	12.3	1.77	15.9	11.9	1.98	15.0	11.6	2.21
	62	16.6	15.5	1.40	15.9	15.2	1.57	15.2	14.8	1.76	14.6	14.4	1.97	13.8	13.8	2.20
	57	16.1	16.1	1.39	15.6	15.6	1.56	15.0	15.0	1.75	14.5	14.5	1.96	13.8	13.8	2.19
675	72	20.0	10.4	1.46	19.2	10.1	1.63	18.4	9.81	1.82	17.6	9.51	2.03	16.7	9.19	2.26
	67	18.3	13.5	1.44	17.6	13.2	1.61	16.9	12.9	1.80	16.1	12.6	2.01	15.2	12.3	2.24
	62	16.8	16.4	1.43	16.2	16.0	1.60	15.5	15.5	1.79	14.9	14.9	2.00	14.2	14.2	2.23
	57	16.6	16.6	1.43	16.0	16.0	1.59	15.5	15.5	1.78	14.8	14.8	1.99	14.2	14.2	2.22

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)070-12 VARIABLE SPEED FURNACE			
	024	1.02	1.00	CC5A/CD5AA	018	0.97	0.89
CC5A/CD5AW	024	1.02	1.00	CC5A/CD5AA	024	1.00	0.89
CE3AA	024	1.01	0.99	CC5A/CD5AW	024	1.00	0.89
CK3BA	024	1.02	1.00	CE3AA	024	0.99	0.88
CK5A/CK5BA	018	1.00	1.00	CK3BA	024	1.00	0.88
	024	1.02	1.00	CK5A/CK5BA	018	0.98	0.88
CK5A/CK5BW	024	1.02	1.00	CK5A/CK5BA	024	1.00	0.88
F(A,B)4BN(F,C)	018	0.98	0.99	CK5A/CK5BW	024	1.00	0.88
	024	1.01	0.98	COILS + 58MVP060-14 VARIABLE SPEED FURNACE			
FC4CNF	024	1.01	0.98	CC5A/CD5AW	024	1.01	0.90
FF1DNA	018	0.98	0.96	CK5A/CK5BW	024	1.01	0.90
	024	1.01	0.99	COILS + 58MVP080-14 VARIABLE SPEED FURNACE			
FG3AAA	024	1.00	1.00	CC5A/CD5AW	024	1.01	0.89
FK4DNF	001	1.03	0.89	CK5A/CK5BW	024	1.01	0.89
	002	1.03	0.88	—	—	—	—

See notes on pg. 27.

# Detailed cooling capacities\* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F														
		85			95			105			115			125		
		Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**
CFM	EWB	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	
<b>38TRA024-34 Outdoor Section With CC5A/CD5AA024 Indoor Section</b>																
700	72	25.7	12.6	1.88	24.8	12.3	2.09	23.8	11.9	2.31	22.7	11.5	2.5	21.6	11.1	2.84
	67	23.4	15.9	1.89	22.6	15.5	2.09	21.6	15.1	2.31	20.7	14.7	2.5	19.7	14.3	2.82
	62	21.3	19.1	1.89	20.5	18.7	2.09	19.6	18.2	2.30	18.7	17.8	2.5	17.8	17.3	2.82
	57	20.3	20.3	1.89	19.6	19.6	2.09	18.9	18.9	2.30	18.2	18.2	2.5	17.5	17.5	2.82
800	72	26.1	13.2	1.92	25.2	12.8	2.13	24.2	12.5	2.35	23.1	12.1	2.6	22.0	11.7	2.88
	67	23.9	16.8	1.92	23.0	16.5	2.13	22.0	16.1	2.35	21.0	15.7	2.6	20.0	15.3	2.86
	62	21.8	20.3	1.93	20.9	19.9	2.13	20.0	19.4	2.34	19.1	18.8	2.5	18.2	18.2	2.86
	57	21.1	21.1	1.93	20.4	20.4	2.12	19.7	19.7	2.34	18.9	18.9	2.5	18.1	18.1	2.87
900	72	26.5	13.7	1.96	25.6	13.3	2.17	24.5	13.0	2.39	23.4	12.6	2.6	22.2	12.2	2.92
	67	24.2	17.7	1.96	23.3	17.4	2.17	22.3	17.0	2.39	21.3	16.6	2.6	20.2	16.2	2.90
	62	22.1	21.4	1.97	21.3	20.9	2.17	20.4	20.3	2.38	19.5	19.5	2.6	18.7	18.7	2.91
	57	21.8	21.8	1.96	21.1	21.1	2.16	20.3	20.3	2.38	19.5	19.5	2.6	18.7	18.7	2.90

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	024	1.00	1.00	CC5A/CD5AW	024	1.00	0.90
	030	1.01	1.01		030	1.01	0.90
CC5A/CD5AW	024	1.00	1.00	CE3AA	024	1.00	0.90
	030	1.01	1.00		030	1.01	0.89
CE3AA	024	1.00	0.99	CK3BA	024	1.00	0.88
	030	1.01	0.99		030	1.01	0.90
CF5AA	024	1.00	1.00	CK5A/CK5BA	024	1.00	0.89
CK3BA	024	1.00	0.99		030	1.01	0.90
CK5A/CK5BA	024	1.00	0.99	CK5A/CK5BW	024	1.00	0.89
	030	1.01	1.00		030	1.01	0.90
CK5A/CK5BW	024	1.00	0.99	<b>COILS + 58CV(A,X)110-20 VARIABLE SPEED FURNACE</b>			
	030	1.01	1.00	CC5A/CD5AW	024	1.00	0.91
F(A,B)4BN(F,C)	024	1.01	1.00		CE3AA	024	1.00
	030	1.03	0.99	030		1.01	0.90
FC4CNF	024	1.01	0.99	CK3BA	024	1.00	0.88
	030	1.03	0.99		030	1.01	0.90
FF1DNA	024	1.00	1.00	CK5A/CK5BW	024	1.00	0.90
	030	1.03	1.01		030	1.01	0.90
FF1DNE	024	1.00	1.00	<b>COILS + 58CV(A,X)135-22 VARIABLE SPEED FURNACE</b>			
	030	1.03	1.01	CE3AA	024	1.00	0.91
FG3AAA	024	0.99	1.00		030	1.01	0.90
FK4DNF	001	1.02	0.90	<b>COILS + 58CV(A,X)155-22 VARIABLE SPEED FURNACE</b>			
	002	1.03	0.89	CE3AA	024	1.00	0.91
	003	1.03	0.88		030	1.01	0.90
<b>COILS + 58CV(A,X)070-12 VARIABLE SPEED FURNACE</b>				<b>COILS + 58MVP040-14 VARIABLE SPEED FURNACE</b>			
CC5A/CD5AA	024	1.00	0.92	CE3AA	024	1.01	0.92
	030	1.01	0.91		030	1.01	0.90
CC5A/CD5AW	024	1.00	0.91	<b>COILS + 58MVP060-14 VARIABLE SPEED FURNACE</b>			
	030	1.01	0.91	CC5A/CD5AA	024	1.01	0.92
CE3AA	024	1.00	0.91		CC5A/CD5AW	024	1.01
	030	1.01	0.90	030		1.01	0.91
CK3BA	024	1.00	0.89	CE3AA	024	1.01	0.92
	030	1.01	0.90		030	1.01	0.90
CK5A/CK5BA	024	1.00	0.90	CK3BA	024	1.01	0.89
	030	1.01	0.91		030	1.01	0.90
CK5A/CK5BW	024	1.00	0.90	CK5A/CK5BA	024	1.00	0.90
	030	1.01	0.91		030	1.01	0.91
<b>COILS + 58CV(A,X)090-16 VARIABLE SPEED FURNACE</b>				CK5A/CK5BW	024	1.01	0.90
CC5A/CD5AA	024	1.00	0.91		030	1.01	0.90
	030	1.01	0.74				

See notes on pg. 27.

# Detailed cooling capacities\* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F															
		85			95			105			115			125			
		Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	
Total	Sens‡	Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		
CFM	EWB	38TRA024-34 Outdoor Section With CC5A/CD5AA024 Indoor Section continued															
700	72	25.7	12.6	1.88	24.8	12.3	2.09	23.8	11.9	2.31	22.7	11.5	2.5	21.6	11.1	2.84	
	67	23.4	15.9	1.89	22.6	15.5	2.09	21.6	15.1	2.31	20.7	14.7	2.5	19.7	14.3	2.82	
	62	21.3	19.1	1.89	20.5	18.7	2.09	19.6	18.2	2.30	18.7	17.8	2.5	17.8	17.3	2.82	
	57	20.3	20.3	1.89	19.6	19.6	2.09	18.9	18.9	2.30	18.2	18.2	2.5	17.5	17.5	2.82	
800	72	26.1	13.2	1.92	25.2	12.8	2.13	24.2	12.5	2.35	23.1	12.1	2.6	22.0	11.7	2.88	
	67	23.9	16.8	1.92	23.0	16.5	2.13	22.0	16.1	2.35	21.0	15.7	2.6	20.0	15.3	2.86	
	62	21.8	20.3	1.93	20.9	19.9	2.13	20.0	19.4	2.34	19.1	18.8	2.5	18.2	18.2	2.86	
	57	21.1	21.1	1.93	20.4	20.4	2.12	19.7	19.7	2.34	18.9	18.9	2.5	18.1	18.1	2.87	
900	72	26.5	13.7	1.96	25.6	13.3	2.17	24.5	13.0	2.39	23.4	12.6	2.6	22.2	12.2	2.92	
	67	24.2	17.7	1.96	23.3	17.4	2.17	22.3	17.0	2.39	21.3	16.6	2.6	20.2	16.2	2.90	
	62	22.1	21.4	1.97	21.3	20.9	2.17	20.4	20.3	2.38	19.5	19.5	2.6	18.7	18.7	2.91	
	57	21.8	21.8	1.96	21.1	21.1	2.16	20.3	20.3	2.38	19.5	19.5	2.6	18.7	18.7	2.90	

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
COILS + 58MVP080-14 VARIABLE SPEED FURNACE				CK5A/CK5BW	024	1.01	0.91
CC5A/CD5AW	024	1.01	0.92		030	1.01	0.91
CE3AA	024	1.01	0.92	COILS + 58MVP100-20 VARIABLE SPEED FURNACE			
	030	1.01	0.90	CC5A/CD5AW	024	1.01	0.91
CK3BA	024	1.01	0.90	CE3AA	030	1.01	0.91
	030	1.01	0.90		024	1.01	0.92
CK5A/CK5BW	024	1.01	0.73	CK3BA	030	1.01	0.90
	030	1.01	0.91		024	1.01	0.89
COILS + 58MVP080-20 VARIABLE SPEED FURNACE				CK5A/CK5BW	030	1.01	0.90
CC5A/CD5AW	024	1.01	0.91		COILS + 58MVP120-20 VARIABLE SPEED FURNACE		
CE3AA	024	1.01	0.92	CE3AA	024	1.01	0.92
	030	1.01	0.90		030	1.01	0.90
CK3BA	024	1.01	0.90	—			
	030	1.01	0.90	—			

See notes on pg. 27.

# Detailed cooling capacities\* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F														
		85			95			105			115			125		
		Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**
CFM	EWB	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	
<b>38TRA030-33 Outdoor Section With CC5A/CD5AA030 Indoor Section</b>																
875	72	32.3	15.8	2.37	31.0	15.3	2.68	29.8	14.8	3.04	28.4	14.3	3.4	27.0	13.8	3.86
	67	29.6	19.8	2.39	28.5	19.4	2.71	27.3	18.9	3.07	26.0	18.3	3.4	24.6	17.8	3.86
	62	27.0	23.8	2.41	25.9	23.3	2.73	24.8	22.8	3.09	23.7	22.2	3.4	22.4	21.5	3.86
	57	25.6	25.6	2.43	24.8	24.8	2.75	23.9	23.9	3.09	22.9	22.9	3.4	22.0	22.0	3.88
1000	72	32.8	16.4	2.40	31.6	15.9	2.72	30.3	15.5	3.08	28.9	15.0	3.4	27.4	14.4	3.92
	67	30.1	21.0	2.44	29.0	20.5	2.76	27.7	20.0	3.10	26.4	19.5	3.4	25.0	18.9	3.92
	62	27.5	25.4	2.46	26.5	24.8	2.78	25.3	24.2	3.14	24.1	23.5	3.5	22.9	22.7	3.91
	57	26.5	26.5	2.46	25.7	25.7	2.78	24.8	24.8	3.13	23.8	23.8	3.5	22.8	22.8	3.93
1125	72	33.3	17.0	2.44	32.0	16.6	2.77	30.7	16.1	3.13	29.2	15.6	3.5	27.6	15.0	3.94
	67	30.6	22.1	2.48	29.3	21.6	2.79	28.1	21.1	3.15	26.7	20.5	3.5	25.3	20.0	3.97
	62	28.0	26.7	2.50	26.9	26.1	2.83	25.7	25.4	3.17	24.5	24.5	3.5	23.4	23.4	3.97
	57	27.4	27.4	2.50	26.4	26.4	2.81	25.5	25.5	3.17	24.5	24.5	3.5	23.4	23.4	3.98

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	0.99	0.89
	036	1.02	0.99		036	1.00	0.87
CC5A/CD5AW	030	1.00	1.00	CK5A/CK5BA	030	0.99	0.89
	036	1.02	0.99		036	1.00	0.87
CE3AA	030	1.00	0.99	CK5A/CK5BW	030	0.99	0.89
	036	1.02	1.00		036	1.00	0.87
CF5AA	036	1.02	0.99	COILS + 58MVP040-14 VARIABLE SPEED FURNACE			
CK3BA	030	1.00	1.00	CC5A/CD5AW	030	1.02	0.94
	036	1.02	0.98		036	1.03	0.91
CK5A/CK5BA	030	1.00	1.00	CK3BA	030	1.00	0.95
	036	1.02	0.98		036	1.02	0.92
CK5A/CK5BT	036	1.02	0.98	CK5A/CK5BW	030	1.00	0.95
CK5A/CK5BW	030	1.00	1.00		036	1.02	0.92
F(A,B)4BN(F,C)	030	1.01	0.99	COILS + 58MVP060-14 VARIABLE SPEED FURNACE			
	036	1.02	1.01	CC5A/CD5AA	036	1.03	0.91
FC4CNF	030	1.01	0.99	CC5A/CD5AW	030	1.02	0.94
	036	1.02	1.01		036	1.02	0.92
FF1DNA	030	1.02	1.01	CK3BA	030	1.00	0.95
FG3AAA	036	1.01	1.00	CK5A/CK5BA	036	1.02	0.92
FK4DNF	001	1.02	0.94	CK5A/CK5BT	036	1.02	0.92
	002	1.02	0.93	CK5A/CK5BW	030	1.00	0.95
	003	1.03	0.90	COILS + 58MVP080-14 VARIABLE SPEED FURNACE			
	005	1.03	0.86	CC5A/CD5AW	030	1.02	0.94
COILS + 58CV(A,X)070-12 VARIABLE SPEED FURNACE				CK3BA	036	1.03	0.91
CC5A/CD5AA	030	0.99	0.90		030	1.00	0.94
	036	1.00	0.89	CK5A/CK5BW	036	1.02	0.92
CC5A/CD5AW	030	0.99	0.90		030	1.00	0.94
CE3AA	030	0.99	0.89	036	1.02	0.92	
	036	1.00	0.90	COILS + 58MVP080-20 VARIABLE SPEED FURNACE			
CK3BA	030	0.99	0.90	CK3BA	030	1.00	0.95
	036	1.00	0.88		036	1.02	0.93
CK5A/CK5BA	030	0.99	0.90	CK5A/CK5BW	030	1.00	0.95
	036	1.00	0.88		036	1.02	0.93
COILS + 58MVP100-20 VARIABLE SPEED FURNACE				CK3BA	030	1.00	0.92
CK5A/CK5BT	036	1.00	0.88		036	1.02	0.90
CK5A/CK5BW	030	0.99	0.90	COILS + 58CV(A,X)090-16 VARIABLE SPEED FURNACE			
CC5A/CD5AA	030	0.99	0.89	CK5A/CK5BA	036	1.02	0.90
	036	1.00	0.88	CK5A/CK5BT	036	1.02	0.90
CC5A/CD5AW	030	0.99	0.89	CK5A/CK5BW	030	1.00	0.92
	036	1.00	0.88	COILS + 58MVP120-20 VARIABLE SPEED FURNACE			
CE3AA	030	0.99	0.88	CK3BA	030	1.00	0.93
	036	1.00	0.88		036	1.02	0.90
					—	—	—

See notes on pg. 27.

# Detailed cooling capacities\* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F																			
		85				95				105				115				125			
		Capacity MBtu/h†		Total System kW**		Capacity MBtu/h†		Total System kW**		Capacity MBtu/h†		Total System kW**		Capacity MBtu/h†		Total System kW**		Capacity MBtu/h†		Total System kW**	
CFM	EWB	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡		
<b>38TRA036-34 Outdoor Section With CC5A/CD5AA036 Indoor Section</b>																					
1050	72	39.0	19.3	2.91	37.6	18.7	3.23	35.9	18.1	3.56	34.2	17.5	3.9	32.5	16.9	4.36					
	67	35.8	24.5	2.89	34.4	23.9	3.21	32.8	23.2	3.53	31.3	22.6	3.9	29.7	22.0	4.32					
	62	32.7	29.4	2.87	31.4	28.8	3.19	30.0	28.1	3.51	28.6	27.4	3.8	27.1	26.5	4.29					
	57	31.3	31.3	2.87	30.3	30.3	3.18	29.2	29.2	3.51	28.0	28.0	3.8	26.9	26.9	4.29					
1200	72	39.7	20.2	2.97	38.2	19.6	3.29	36.5	19.0	3.62	34.8	18.4	4.0	32.8	17.7	4.40					
	67	36.4	26.0	2.95	35.0	25.4	3.27	33.4	24.7	3.60	31.8	24.1	3.9	30.2	23.5	4.39					
	62	33.4	31.4	2.94	32.0	30.7	3.24	30.6	29.9	3.59	29.1	28.9	3.9	27.8	27.8	4.34					
	57	32.5	32.5	2.93	31.4	31.4	3.25	30.3	30.3	3.58	29.0	29.0	3.9	27.8	27.8	4.35					
1350	72	40.3	21.0	3.03	38.5	20.4	3.33	36.9	19.8	3.69	35.1	19.2	4.0	33.2	18.5	4.47					
	67	36.9	27.4	3.01	35.3	26.7	3.31	33.8	26.2	3.66	32.2	25.5	4.0	30.3	24.8	4.42					
	62	33.9	33.1	3.00	32.5	32.2	3.29	31.2	31.2	3.64	29.9	29.9	4.0	28.5	28.5	4.40					
	57	33.5	33.5	2.99	32.4	32.4	3.31	31.2	31.2	3.64	29.9	29.9	4.0	28.5	28.5	4.40					

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	036	1.00	1.00	CK5A/CK5BE	042	1.00	0.92
	042	1.00	1.00		CK5A/CK5BT	036	0.99
CC5A/CD5AW	036	1.00	1.00		042	1.00	0.93
CE3AA	036	0.99	1.01	CK5A/CK5BW	036	0.99	0.92
	042	1.01	1.01		<b>COILS + 58CV(A,X)110-22 VARIABLE SPEED FURNACE</b>		
CF5AA	036	1.01	1.01	CC5A/CD5AA	036	0.99	0.92
CK3BA	036	1.00	1.00		042	1.00	0.91
	042	1.00	1.00	CC5A/CD5AW	036	0.99	0.92
CK5A/CK5BA	036	1.00	1.00			042	0.99
		042	1.00	1.00	CE3AA	036	0.97
CK5A/CK5BT	036	1.00	1.00			042	0.99
		042	1.00	1.00	CK3BA	036	0.99
CK5A/CK5BW	036	1.00	1.00			042	1.00
	F(A,B)4BN(F,B,C)	042	1.01	1.02	CK5A/CK5BA	036	0.99
F(A,B)4BN(F,C)	036	1.00	1.01			042	1.00
FC4CN(F,B)	042	1.01	1.02	CK5A/CK5BT	036	0.99	0.91
FC4CNB	054	1.03	0.97			042	1.00
FC4CNF	036	1.00	1.01	CK5A/CK5BW	036	0.99	0.91
FG3AAA	036	0.99	1.01	<b>COILS + 58CV(A,X)135-22 VARIABLE SPEED FURNACE</b>			
FK4DNB	006	1.03	0.90	CC5A/CD5AA	042	1.00	0.92
FK4DNF	001	1.00	0.98	CC5A/CD5AW	036	0.99	0.92
	002	1.00	0.98			042	0.99
	003	1.01	0.94	CE3AA	036	0.97	0.92
	005	1.03	0.91			042	0.99
<b>COILS + 58CV(A,X)070-12 VARIABLE SPEED FURNACE</b>				CK3BA	042	1.00	0.92
CC5A/CD5AA	036	0.99	0.94	CK5A/CK5BA	042	1.00	0.92
CE3AA	036	0.97	0.93		CK5A/CK5BT	042	1.00
		042	0.99	0.93	CK5A/CK5BW	036	0.99
CK3BA	036	0.99	0.94	<b>COILS + 58CV(A,X)155-22 VARIABLE SPEED FURNACE</b>			
CK5A/CK5BA	036	0.99	0.94	CC5A/CD5AA	042	1.00	0.91
CK5A/CK5BE	042	1.00	0.93	CC5A/CD5AW	036	0.99	0.92
CK5A/CK5BT	036	0.99	0.94			042	1.00
<b>COILS + 58CV(A,X)090-16 VARIABLE SPEED FURNACE</b>				CE3AA	036	0.97	0.91
CC5A/CD5AA	036	0.99	0.92			042	0.99
	042	1.00	0.92	CK3BA	042	1.00	0.91
CC5A/CD5AW	036	0.99	0.92		CK5A/CK5BA	042	1.00
CE3AA	036	0.97	0.92	CK5A/CK5BT	042	1.00	0.91
		042	0.99	0.91	CK5A/CK5BW	036	0.99
CK3BA	036	0.99	0.92	<b>COILS + 58MVP040-14 VARIABLE SPEED FURNACE</b>			
		042	1.00	0.93	CC5A/CD5AA	042	1.01
CK5A/CK5BA	036	0.99	0.92			—	—
		042	1.00	0.93			

See notes on pg. 27.

# Detailed cooling capacities\* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F														
		85			95			105			115			125		
		Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**
CFM	EWB	Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
<b>38TRA036-34 Outdoor Section With CC5A/CD5AA036 Indoor Section continued</b>																
1050	72	39.0	19.3	2.91	37.6	18.7	3.23	35.9	18.1	3.56	34.2	17.5	3.9	32.5	16.9	4.36
	67	35.8	24.5	2.89	34.4	23.9	3.21	32.8	23.2	3.53	31.3	22.6	3.9	29.7	22.0	4.32
	62	32.7	29.4	2.87	31.4	28.8	3.19	30.0	28.1	3.51	28.6	27.4	3.8	27.1	26.5	4.29
	57	31.3	31.3	2.87	30.3	30.3	3.18	29.2	29.2	3.51	28.0	28.0	3.8	26.9	26.9	4.29
1200	72	39.7	20.2	2.97	38.2	19.6	3.29	36.5	19.0	3.62	34.8	18.4	4.0	32.8	17.7	4.40
	67	36.4	26.0	2.95	35.0	25.4	3.27	33.4	24.7	3.60	31.8	24.1	3.9	30.2	23.5	4.39
	62	33.4	31.4	2.94	32.0	30.7	3.24	30.6	29.9	3.59	29.1	28.9	3.9	27.8	27.8	4.34
	57	32.5	32.5	2.93	31.4	31.4	3.25	30.3	30.3	3.58	29.0	29.0	3.9	27.8	27.8	4.35
1350	72	40.3	21.0	3.03	38.5	20.4	3.33	36.9	19.8	3.69	35.1	19.2	4.0	33.2	18.5	4.47
	67	36.9	27.4	3.01	35.3	26.7	3.31	33.8	26.2	3.66	32.2	25.5	4.0	30.3	24.8	4.42
	62	33.9	33.1	3.00	32.5	32.2	3.29	31.2	31.2	3.64	29.9	29.9	4.0	28.5	28.5	4.40
	57	33.5	33.5	2.99	32.4	32.4	3.31	31.2	31.2	3.64	29.9	29.9	4.0	28.5	28.5	4.40

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CC5A/CD5AW	036	1.01	0.93	CK5A/CK5BW	036	1.00	0.94
CK3BA	036	1.00	0.95	COILS + 58MVP080-20 VARIABLE SPEED FURNACE			
	042	1.00	0.94	CK3BA	036	1.00	0.95
CK5A/CK5BA	042	1.00	0.94		042	1.00	0.94
CK5A/CK5BT	042	1.00	0.94	CK5A/CK5BA	042	1.00	0.94
CK5A/CK5BW	036	1.00	0.95	CK5A/CK5BT	042	1.00	0.94
COILS + 58MVP060-14 VARIABLE SPEED FURNACE				CK5A/CK5BW	036	1.00	0.95
CC5A/CD5AA	036	1.01	0.93	COILS + 58MVP100-20 VARIABLE SPEED FURNACE			
CK3BA	036	1.00	0.95	CC5A/CD5AA	042	1.01	0.92
	042	1.00	0.94	CC5A/CD5AW	036	1.01	0.93
CK5A/CK5BA	036	1.00	0.95	CK3BA	036	1.00	0.92
CK5A/CK5BT	036	1.00	0.95		042	1.00	0.92
COILS + 58MVP080-14 VARIABLE SPEED FURNACE				CK5A/CK5BA	042	1.00	0.92
CC5A/CD5AA	042	1.01	0.92	CK5A/CK5BT	042	1.00	0.92
CC5A/CD5AW	036	1.01	0.93	CK5A/CK5BW	036	1.00	0.92
CK3BA	036	1.00	0.94	COILS + 58MVP120-20 VARIABLE SPEED FURNACE			
	042	1.00	0.93	CK5A/CK5BA	042	1.00	0.92
CK5A/CK5BA	042	1.00	0.93	CK5A/CK5BT	042	1.00	0.92
CK5A/CK5BT	042	1.00	0.93	CK5A/CK5BW	036	1.00	0.93

See notes on pg. 27.

# Detailed cooling capacities\* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F														
		85			95			105			115			125		
		Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**
CFM	EWB	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	
<b>38TRA042-34 Outdoor Section With CC5A/CD5AA042 Indoor Section</b>																
1225	72	45.8	22.5	3.47	44.1	21.8	3.83	42.3	21.2	4.22	40.5	20.5	4.6	38.7	19.8	5.13
	67	41.8	28.3	3.44	40.2	27.6	3.78	38.6	27.0	4.17	36.9	26.3	4.6	35.2	25.6	5.07
	62	38.0	33.9	3.40	36.6	33.2	3.74	35.1	32.5	4.13	33.6	31.7	4.5	32.1	30.9	5.02
	57	36.2	36.2	3.38	35.1	35.1	3.73	33.9	33.9	4.12	32.7	32.7	4.5	31.5	31.5	5.01
1400	72	46.6	23.5	3.55	44.9	22.8	3.91	43.0	22.1	4.29	41.2	21.5	4.7	39.3	20.8	5.21
	67	42.6	30.0	3.52	41.0	29.3	3.87	39.3	28.7	4.25	37.5	27.9	4.6	35.8	27.2	5.15
	62	38.8	36.2	3.48	37.4	35.4	3.83	35.8	34.5	4.20	34.3	33.6	4.6	32.8	32.6	5.10
	57	37.6	37.6	3.46	36.4	36.4	3.81	35.2	35.2	4.20	33.9	33.9	4.6	32.6	32.6	5.11
1575	72	47.3	24.4	3.62	45.5	23.7	3.98	43.6	23.1	4.37	41.6	22.4	4.8	39.6	21.7	5.28
	67	43.3	31.6	3.59	41.5	31.0	3.94	39.8	30.3	4.32	38.0	29.5	4.7	36.2	28.8	5.22
	62	39.5	38.2	3.56	38.0	37.2	3.90	36.5	36.2	4.28	35.0	35.0	4.7	33.6	33.6	5.19
	57	38.9	38.9	3.55	37.6	37.6	3.89	36.3	36.3	4.28	34.9	34.9	4.7	33.6	33.6	5.19

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	042	1.00	1.00	CC5A/CD5AC	048	0.96	0.90
CC5A/CD5AC	048	0.99	1.00	CC5A/CD5AW	042	0.98	0.92
CC5A/CD5AW	048	1.00	1.00		048	0.99	0.91
CD5AA	048	1.00	1.00	CD5AA	048	0.99	0.91
CE3AA	042	1.00	1.00	CE3AA	042	0.98	0.91
	048	1.01	1.00		048	0.99	0.91
CF5AA	048	1.01	1.01	CK3BA	042	0.98	0.91
CK3BA	042	1.00	1.00		048	0.99	0.91
		048	1.00	1.00	CK5A/CK5BA	042	0.98
CK5A/CK5BA	042	1.00	1.00	048		0.99	0.91
		048	1.00	1.00	CK5A/CK5BT	042	0.98
CK5A/CK5BE	042	0.98	0.97	048		0.99	0.91
CK5A/CK5BT	042	1.00	1.00	CK5A/CK5BW	048	0.99	0.91
	048	1.00	1.00		<b>COILS + 58CV(A,X)135-22 VARIABLE SPEED FURNACE</b>		
CK5A/CK5BW	048	1.00	1.00	CC5A/CD5AA	042	0.98	0.92
F(A,B)4BN(F,B,C)	042	1.00	1.01	CC5A/CD5AC	048	0.96	0.90
		048	1.01	1.01	CC5A/CD5AW	042	0.98
FC4CN(F,B)	042	1.00	1.01		048	0.99	0.91
		048	1.01	1.01	CD5AA	048	0.99
FC4CNB	054	1.05	0.98	CE3AA	042	0.98	0.91
FG3AAA	048	1.00	1.00		048	0.99	0.91
FK4DNB	006	1.05	0.92	CK3BA	042	0.98	0.91
	003	1.01	0.95		048	0.99	0.91
FK4DNF	005	1.02	0.93	CK5A/CK5BA	042	0.98	0.91
<b>COILS + 58CV(A,X)090-16 VARIABLE SPEED FURNACE</b>						048	0.99
CC5A/CD5AA	042	0.98	0.92	CK5A/CK5BT	042	0.98	0.91
CC5A/CD5AC	048	0.96	0.91		048	0.99	0.91
CD5AA	048	0.99	0.92	CK5A/CK5BW	048	0.99	0.91
CE3AA	042	0.98	0.92	<b>COILS + 58CV(A,X)155-22 VARIABLE SPEED FURNACE</b>			
	048	0.99	0.92	CC5A/CD5AA	042	0.98	0.91
CK3BA	042	0.98	0.92	CC5A/CD5AC	048	0.96	0.90
	048	0.99	0.92	CC5A/CD5AW	042	0.98	0.92
CK5A/CK5BA	042	0.98	0.92		048	0.99	0.91
	048	0.99	0.92	CD5AA	048	0.99	0.91
CK5A/CK5BE	042	0.98	0.92	CE3AA	042	0.98	0.90
CK5A/CK5BT	042	0.98	0.92		048	0.99	0.91
		048	0.99	0.92	CK3BA	042	0.98
<b>COILS + 58CV(A,X)110-22 VARIABLE SPEED FURNACE</b>						048	0.99
CC5A/CD5AA	042	0.98	0.92	CK5A/CK5BA	042	0.98	0.91
	—	—	—		048	0.99	0.91

See notes on pg. 27.

# Detailed cooling capacities\* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F														
		85			95			105			115			125		
		Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**
Total	Sens‡	Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
CFM	EWB	<b>38TRA042-34 Outdoor Section With CC5A/CD5AA042 Indoor Section continued</b>														
1225	72	45.8	22.5	3.47	44.1	21.8	3.83	42.3	21.2	4.22	40.5	20.5	4.6	38.7	19.8	5.13
	67	41.8	28.3	3.44	40.2	27.6	3.78	38.6	27.0	4.17	36.9	26.3	4.6	35.2	25.6	5.07
	62	38.0	33.9	3.40	36.6	33.2	3.74	35.1	32.5	4.13	33.6	31.7	4.5	32.1	30.9	5.02
	57	36.2	36.2	3.38	35.1	35.1	3.73	33.9	33.9	4.12	32.7	32.7	4.5	31.5	31.5	5.01
1400	72	46.6	23.5	3.55	44.9	22.8	3.91	43.0	22.1	4.29	41.2	21.5	4.7	39.3	20.8	5.21
	67	42.6	30.0	3.52	41.0	29.3	3.87	39.3	28.7	4.25	37.5	27.9	4.6	35.8	27.2	5.15
	62	38.8	36.2	3.48	37.4	35.4	3.83	35.8	34.5	4.20	34.3	33.6	4.6	32.8	32.6	5.10
	57	37.6	37.6	3.46	36.4	36.4	3.81	35.2	35.2	4.20	33.9	33.9	4.6	32.6	32.6	5.11
1575	72	47.3	24.4	3.62	45.5	23.7	3.98	43.6	23.1	4.37	41.6	22.4	4.8	39.6	21.7	5.28
	67	43.3	31.6	3.59	41.5	31.0	3.94	39.8	30.3	4.32	38.0	29.5	4.7	36.2	28.8	5.22
	62	39.5	38.2	3.56	38.0	37.2	3.90	36.5	36.2	4.28	35.0	35.0	4.7	33.6	33.6	5.19
	57	38.9	38.9	3.55	37.6	37.6	3.89	36.3	36.3	4.28	34.9	34.9	4.7	33.6	33.6	5.19

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CK5A/CK5BT	042	0.98	0.91	CK5A/CK5BA	042	0.99	0.96
	048	0.99	0.91		048	1.00	0.96
CK5A/CK5BW	048	0.99	0.91	CK5A/CK5BT	042	0.99	0.96
<b>COILS + 58MVP060-14 VARIABLE SPEED FURNACE</b>					048	1.00	0.96
CK3BA	042	0.99	0.96	<b>COILS + 58MVP100-20 VARIABLE SPEED FURNACE</b>			
	048	1.00	0.96	CC5A/CD5AA	042	1.00	0.93
CK5A/CK5BE	042	0.98	0.94	CD5AA	048	1.00	0.91
<b>COILS + 58MVP080-14 VARIABLE SPEED FURNACE</b>				CK3BA	042	0.99	0.93
CC5A/CD5AA	042	1.00	0.93		048	1.00	0.93
CD5AA	048	1.00	0.91	CK5A/CK5BA	042	0.99	0.93
CK3BA	042	0.99	0.94		048	1.00	0.93
	CK5A/CK5BA	042	0.99	0.94	CK5A/CK5BT	042	0.99
048		1.00	0.96	048		1.00	0.93
CK5A/CK5BT	042	0.99	0.94	<b>COILS + 58MVP120-20 VARIABLE SPEED FURNACE</b>			
	048	1.00	0.96	CK3BA	042	0.99	0.93
<b>COILS + 58MVP080-20 VARIABLE SPEED FURNACE</b>				CK3BA	048	1.00	0.93
CK3BA	042	0.99	0.96	CK5A/CK5BA	042	0.99	0.93
	048	1.00	0.96	CK5A/CK5BT	042	0.99	0.93
				CK5A/CK5BW	048	1.00	0.93

See notes on pg. 27.



# Detailed cooling capacities\* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F														
		85			95			105			115			125		
CFM	EWB	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
<b>38TRA048-36 Outdoor Section With CC5A/CD5AA060 Indoor Section</b>																
1400	72	53.5	25.8	4.09	51.5	25.1	4.58	49.4	24.3	5.13	47.1	23.4	5.69	44.7	22.5	6.31
	67	48.9	32.2	4.04	47.1	31.4	4.53	45.0	30.6	5.05	43.0	29.7	5.62	40.8	28.8	6.23
	62	44.6	38.5	4.00	42.9	37.7	4.48	41.0	36.7	4.99	39.0	35.8	5.55	37.0	34.8	6.14
	57	41.8	41.8	3.97	40.4	40.4	4.44	39.0	39.0	4.96	37.5	37.5	5.52	35.9	35.9	6.12
1600	72	54.6	26.9	4.17	52.5	26.1	4.67	50.3	25.3	5.21	47.8	24.4	5.78	45.4	23.5	6.41
	67	50.0	34.1	4.12	48.0	33.3	4.62	45.9	32.4	5.14	43.7	31.5	5.71	41.4	30.6	6.32
	62	45.6	41.0	4.08	43.7	40.1	4.56	41.8	39.1	5.08	39.8	38.1	5.64	37.8	36.9	6.23
	57	43.5	43.5	4.06	42.0	42.0	4.55	40.5	40.5	5.06	38.9	38.9	5.63	37.3	37.3	6.23
1800	72	55.5	27.9	4.25	53.2	27.1	4.75	51.0	26.3	5.30	48.5	25.4	5.87	45.9	24.5	6.50
	67	50.8	35.8	4.21	48.7	35.0	4.69	46.5	34.1	5.22	44.3	33.2	5.79	42.0	32.3	6.41
	62	46.3	43.3	4.16	44.5	42.3	4.64	42.5	41.2	5.17	40.5	39.9	5.73	38.4	38.4	6.33
	57	44.9	44.9	4.15	43.4	43.4	4.63	41.8	41.8	5.16	40.1	40.1	5.73	38.3	38.3	6.32

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	060	1.00	1.00	CK3BA	048	0.97	0.93
CC5A/CD5AC	048	0.97	0.98		060	0.98	0.91
CC5A/CD5AW	048	0.99	0.99	CK5A/CK5BA	048	0.97	0.93
	060	1.01	0.99		060	0.98	0.91
CD5AA	048	0.99	0.99	CK5A/CK5BT	048	0.97	0.93
CE3AA	048	0.99	0.98		060	0.98	0.91
CF5AA	048	0.99	0.98	CK5A/CK5BW	048	0.97	0.92
	060	1.00	0.98		060	0.97	0.92
CK3BA	048	0.99	0.99	CK5A/CK5BX	060	1.00	0.92
	060	1.00	0.98		<b>COILS + 58CV(A,X)135-22 VARIABLE SPEED FURNACE</b>		
CK5A/CK5BA	048	0.99	0.99	CC5A/CD5AA	060	0.98	0.93
	060	1.00	0.98	CC5A/CD5AC	048	0.96	0.93
CK5A/CK5BT	048	0.99	0.99	CC5A/CD5AW	048	0.97	0.92
	060	1.00	0.98	CD5AA	048	0.97	0.92
CK5A/CK5BW	048	0.99	0.99	CE3AA	048	0.97	0.92
	060	1.00	0.98	060	0.98	0.90	
CK5A/CK5BX	060	1.01	0.98	CK3BA	048	0.97	0.92
	048	0.99	0.99		060	0.98	0.90
F(A,B)4BN(F,B,C)	060	1.00	1.00	CK5A/CK5BA	048	0.97	0.92
	070	1.00	0.97		060	0.98	0.90
FB4BNB	048	0.99	0.99	CK5A/CK5BT	048	0.97	0.92
	060	1.00	1.00		060	0.98	0.90
FC4CN(F,B)	048	0.99	0.99	CK5A/CK5BW	048	0.97	0.91
	060	1.00	1.00		060	0.97	0.91
FC4CNB	054	1.01	0.98	CK5A/CK5BX	060	1.00	0.91
	070	1.00	0.97		<b>COILS + 58CV(A,X)155-22 VARIABLE SPEED FURNACE</b>		
FG3AAA	048	1.00	1.00	CC5A/CD5AA	060	0.98	0.92
FK4DNB	006	1.01	0.89	CC5A/CD5AC	048	0.96	0.92
FK4DNF	005	0.99	0.90	CC5A/CD5AW	048	0.97	0.91
<b>COILS + 58CV(A,X)090-16 VARIABLE SPEED FURNACE</b>				CD5AA	048	0.97	0.91
CC5A/CD5AC	048	0.96	0.94		CE3AA	048	0.97
CD5AA	048	0.97	0.94	060		0.98	0.89
CE3AA	048	0.97	0.93	CK3BA	048	0.97	0.91
	060	0.98	0.92		060	0.98	0.89
CK3BA	048	0.97	0.93	CK5A/CK5BA	048	0.97	0.91
CK5A/CK5BA	048	0.97	0.93		060	0.98	0.89
	CK5A/CK5BT	048	0.97	0.93	CK5A/CK5BT	048	0.97
<b>COILS + 58CV(A,X)110-20 VARIABLE SPEED FURNACE</b>				060		0.98	0.89
CC5A/CD5AA	060	0.98	0.94	CK5A/CK5BW	048	0.97	0.90
CC5A/CD5AC	048	0.96	0.94		060	1.00	0.91
CC5A/CD5AW	048	0.97	0.93	<b>COILS + 58MVP080-20 VARIABLE SPEED FURNACE</b>			
CD5AA	048	0.97	0.93	CC5A/CD5AA	060	0.98	0.95
CE3AA	048	0.97	0.93		—	—	—
	060	0.98	0.91				

See notes on pg. 27.

# Detailed cooling capacities\* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F														
		85			95			105			115			125		
		Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**	Capacity MBtu/h†		Total System kW**
CFM	EWB	Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
<b>38TRA048-36 Outdoor Section With CC5A/CD5AA060 Indoor Section continued</b>																
1400	72	53.5	25.8	4.09	51.5	25.1	4.58	49.4	24.3	5.13	47.1	23.4	5.69	44.7	22.5	6.31
	67	48.9	32.2	4.04	47.1	31.4	4.53	45.0	30.6	5.05	43.0	29.7	5.62	40.8	28.8	6.23
	62	44.6	38.5	4.00	42.9	37.7	4.48	41.0	36.7	4.99	39.0	35.8	5.55	37.0	34.8	6.14
	57	41.8	41.8	3.97	40.4	40.4	4.44	39.0	39.0	4.96	37.5	37.5	5.52	35.9	35.9	6.12
1600	72	54.6	26.9	4.17	52.5	26.1	4.67	50.3	25.3	5.21	47.8	24.4	5.78	45.4	23.5	6.41
	67	50.0	34.1	4.12	48.0	33.3	4.62	45.9	32.4	5.14	43.7	31.5	5.71	41.4	30.6	6.32
	62	45.6	41.0	4.08	43.7	40.1	4.56	41.8	39.1	5.08	39.8	38.1	5.64	37.8	36.9	6.23
	57	43.5	43.5	4.06	42.0	42.0	4.55	40.5	40.5	5.06	38.9	38.9	5.63	37.3	37.3	6.23
1800	72	55.5	27.9	4.25	53.2	27.1	4.75	51.0	26.3	5.30	48.5	25.4	5.87	45.9	24.5	6.50
	67	50.8	35.8	4.21	48.7	35.0	4.69	46.5	34.1	5.22	44.3	33.2	5.79	42.0	32.3	6.41
	62	46.3	43.3	4.16	44.5	42.3	4.64	42.5	41.2	5.17	40.5	39.9	5.73	38.4	38.4	6.33
	57	44.9	44.9	4.15	43.4	43.4	4.63	41.8	41.8	5.16	40.1	40.1	5.73	38.3	38.3	6.32

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CC5A/CD5AC	048	0.96	0.95	CK5A/CK5BA	048	0.97	0.94
CC5A/CD5AW	048	0.97	0.95		060	0.98	0.92
CD5AA	048	0.97	0.95	CK5A/CK5BT	048	0.97	0.94
CE3AA	048	0.98	0.95		060	0.98	0.92
	060	0.98	0.93	CK5A/CK5BW	048	0.97	0.93
CK3BA	048	0.97	0.94	CK5A/CK5BX	060	1.00	0.93
	060	0.98	0.93	<b>COILS + 58MVP120-20 VARIABLE SPEED FURNACE</b>			
CK5A/CK5BA	048	0.97	0.95	CC5A/CD5AA	060	0.98	0.94
	060	0.98	0.93	CC5A/CD5AC	048	0.96	0.94
CK5A/CK5BT	048	0.97	0.95	CC5A/CD5AW	048	0.97	0.94
	060	0.98	0.93	CD5AA	048	0.97	0.94
CK5A/CK5BW	048	0.97	0.94	CE3AA	048	0.98	0.94
CK5A/CK5BX	060	1.00	0.94		060	0.98	0.92
<b>COILS + 58MVP100-20 VARIABLE SPEED FURNACE</b>				CK3BA	048	0.97	0.93
CC5A/CD5AA	060	0.98	0.95		060	0.98	0.92
CC5A/CD5AC	048	0.96	0.94	CK5A/CK5BA	048	0.97	0.94
CC5A/CD5AW	048	0.97	0.94		060	0.98	0.92
CD5AA	048	0.97	0.94	CK5A/CK5BT	048	0.97	0.94
CE3AA	048	0.98	0.95		060	0.98	0.92
	060	0.98	0.92	CK5A/CK5BW	048	0.97	0.93
CK3BA	048	0.97	0.94	CK5A/CK5BX	060	1.00	0.93
	060	0.98	0.92	—	—	—	—

See notes on pg. 27.

# Detailed cooling capacities\* continued

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F														
		85			95			105			115			125		
		Capacity MBtu/h†	Sens‡	Total System kW**	Capacity MBtu/h†	Sens‡	Total System kW**	Capacity MBtu/h†	Sens‡	Total System kW**	Capacity MBtu/h†	Sens‡	Total System kW**	Capacity MBtu/h†	Sens‡	Total System kW**
CFM	EWB															
<b>38TRA060-34 Outdoor Section With CC5A/CD5AA060 Indoor Section</b>																
1750	72	63.6	31.1	4.98	61.2	30.3	5.51	58.7	29.3	6.08	56.1	28.4	6.71	53.5	27.4	7.41
	67	58.2	39.2	4.90	56.0	38.3	5.42	53.7	37.4	5.99	51.3	36.4	6.62	48.9	35.4	7.31
	62	53.1	47.1	4.83	51.0	46.1	5.34	48.9	45.1	5.90	46.8	44.0	6.53	44.6	42.8	7.21
	57	50.4	50.4	4.80	48.8	48.8	5.31	47.2	47.2	5.88	45.5	45.5	6.50	43.7	43.7	7.19
2000	72	64.8	32.5	5.09	62.3	31.6	5.62	59.7	30.6	6.20	57.0	29.7	6.84	54.2	28.6	7.50
	67	59.3	41.5	5.01	57.0	40.6	5.53	54.6	39.6	6.11	52.1	38.6	6.73	49.6	37.6	7.43
	62	54.2	50.2	4.94	52.0	49.1	5.46	49.8	47.9	6.02	47.6	46.6	6.65	45.4	45.1	7.34
	57	52.3	52.3	4.92	50.6	50.6	5.43	48.8	48.8	6.00	47.0	47.0	6.62	45.2	45.2	7.32
2250	72	65.7	33.7	5.20	63.1	32.8	5.73	60.4	31.8	6.31	57.7	30.9	6.94	54.6	29.8	7.60
	67	60.2	43.7	5.12	57.8	42.8	5.64	55.3	41.8	6.22	52.8	40.8	6.84	50.2	39.8	7.54
	62	55.0	52.9	5.05	52.8	51.6	5.57	50.6	50.2	6.14	48.5	48.5	6.76	46.4	46.4	7.45
	57	54.0	54.0	5.03	52.2	52.2	5.55	50.3	50.3	6.12	48.4	48.4	6.75	46.4	46.4	7.45

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	0.97	CK5A/CK5BT	060	0.96	0.93
CC5A/CD5AW	060	1.00	1.00	CK5A/CK5BX	060	0.98	0.93
CE3AA	060	1.00	0.99	<b>COILS + 58CV(A,X)135-22 VARIABLE SPEED FURNACE</b>			
CK3BA	060	0.96	0.95	CC5A/CD5AA	060	0.96	0.95
CK5A/CK5BA	060	0.96	0.96	CC5A/CD5AW	060	0.98	0.95
CK5A/CK5BT	060	0.96	0.96	CE3AA	060	0.96	0.92
CK5A/CK5BX	060	1.00	0.99	CK3BA	060	0.96	0.93
F(A,B)4BN(F,B,C)	060	1.00	1.04	CK5A/CK5BA	060	0.96	0.93
FB4BNB	070	1.02	1.01	CK5A/CK5BT	060	0.96	0.93
FC4CN(F,B)	060	1.00	1.04	CK5A/CK5BX	060	0.98	0.93
FC4CNB	070	1.02	1.01	<b>COILS + 58CV(A,X)155-22 VARIABLE SPEED FURNACE</b>			
FG3AAA	060	1.00	1.00	CC5A/CD5AA	060	0.96	0.94
FK4DNB	006	1.02	0.98	CC5A/CD5AW	060	0.98	0.94
<b>COILS + 58CV(A,X)110-22 VARIABLE SPEED FURNACE</b>				CE3AA	060	0.96	0.91
CC5A/CD5AA	060	0.96	0.95	CK3BA	060	0.96	0.93
CE3AA	060	0.96	0.92	CK5A/CK5BA	060	0.96	0.93
CK3BA	060	0.96	0.93	CK5A/CK5BT	060	0.96	0.93
CK5A/CK5BA	060	0.96	0.93	CK5A/CK5BX	060	0.98	0.92

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

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

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

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

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
<b>38TRA018-33</b>								
30	TCG	16.5	15.8	15.0	14.2	13.4	12.6	11.7
	SDT	75.0	85.0	95.0	105.0	115.0	125.0	135.0
	KW	0.781	0.900	1.03	1.18	1.35	1.52	1.71
35	TCG	18.2	17.4	16.6	15.8	14.9	14.0	13.1
	SDT	75.1	85.1	95.1	105.0	115.0	125.0	135.0
	KW	0.781	0.901	1.03	1.18	1.35	1.53	1.72
40	TCG	20.0	19.2	18.3	17.4	16.5	15.5	14.6
	SDT	75.3	85.3	95.3	105.0	115.0	125.0	135.0
	KW	0.784	0.904	1.04	1.19	1.35	1.53	1.73
45	TCG	21.9	21.0	20.1	19.1	18.1	17.1	16.1
	SDT	76.1	86.0	96.0	106.0	116.0	126.0	136.0
	KW	0.794	0.913	1.05	1.20	1.36	1.54	1.74
50	TCG	23.9	22.9	21.9	20.9	19.9	18.8	17.7
	SDT	77.0	86.9	96.9	107.0	117.0	127.0	137.0
	KW	0.806	0.924	1.06	1.21	1.38	1.56	1.76
55	TCG	26.0	25.0	23.9	22.8	21.7	20.6	19.4
	SDT	78.3	88.1	98.0	108.0	118.0	128.0	138.0
	KW	0.822	0.941	1.07	1.23	1.39	1.58	1.78
<b>38TRA024-34</b>								
30	TCG	21.5	20.6	19.5	18.4	17.3	16.2	15.2
	SDT	75.0	85.0	95.0	105.0	115.0	125.0	135.0
	KW	1.19	1.34	1.50	1.68	1.87	2.08	2.33
35	TCG	23.6	22.8	21.7	20.6	19.4	18.2	17.0
	SDT	75.0	85.0	95.0	105.0	115.0	125.0	135.0
	KW	1.17	1.32	1.49	1.67	1.86	2.08	2.32
40	TCG	25.9	25.0	24.0	22.9	21.6	20.3	19.0
	SDT	75.0	85.0	95.0	105.0	115.0	125.0	135.0
	KW	1.15	1.30	1.47	1.65	1.85	2.07	2.31
45	TCG	28.2	27.4	26.4	25.3	24.0	22.6	21.2
	SDT	75.0	85.0	95.0	105.0	115.0	125.0	135.0
	KW	1.12	1.28	1.45	1.63	1.84	2.06	2.30
50	TCG	30.6	29.9	28.9	27.8	26.5	25.1	23.6
	SDT	75.0	85.1	95.1	105.0	115.0	125.0	135.0
	KW	1.10	1.25	1.42	1.61	1.82	2.04	2.29
55	TCG	33.2	32.4	31.5	30.4	29.1	27.6	26.1
	SDT	75.4	85.3	95.3	105.0	115.0	125.0	135.0
	KW	1.07	1.22	1.39	1.59	1.80	2.03	2.27
<b>38TRA030-33</b>								
30	TCG	27.5	26.3	25.0	23.7	22.4	20.9	19.4
	SDT	75.0	85.0	95.0	105.0	115.0	125.0	135.0
	KW	1.41	1.65	1.91	2.20	2.52	2.86	3.22
35	TCG	30.3	29.0	27.7	26.3	24.8	23.3	21.8
	SDT	75.1	85.1	95.1	105.0	115.0	125.0	135.0
	KW	1.36	1.60	1.86	2.15	2.48	2.82	3.20
40	TCG	33.3	31.9	30.5	29.0	27.5	25.9	24.2
	SDT	75.4	85.3	95.3	105.0	115.0	125.0	135.0
	KW	1.32	1.55	1.81	2.11	2.43	2.79	3.17
45	TCG	36.4	35.0	33.4	31.9	30.2	28.6	26.8
	SDT	76.1	86.0	96.0	106.0	116.0	126.0	136.0
	KW	1.28	1.51	1.78	2.07	2.40	2.75	3.14
50	TCG	39.7	38.2	36.5	34.9	33.1	31.4	29.5
	SDT	77.0	86.9	96.8	107.0	117.0	127.0	137.0
	KW	1.25	1.48	1.74	2.03	2.36	2.72	3.12
55	TCG	43.2	41.5	39.8	38.0	36.2	34.3	32.3
	SDT	78.4	88.1	98.0	108.0	118.0	128.0	138.0
	KW	1.22	1.45	1.71	2.00	2.33	2.69	3.09
<b>38TRA036-34</b>								
30	TCG	33.4	31.9	30.3	28.7	27.1	25.4	23.6
	SDT	75.0	85.0	95.0	105.0	115.0	125.0	135.0
	KW	1.76	1.99	2.24	2.52	2.83	3.16	3.52
35	TCG	36.8	35.2	33.5	31.8	30.1	28.3	26.4
	SDT	75.4	85.2	95.2	105.0	115.0	125.0	135.0
	KW	1.76	1.98	2.23	2.51	2.82	3.16	3.52
40	TCG	40.3	38.6	36.9	35.1	33.2	31.3	29.3
	SDT	76.2	86.0	95.9	106.0	116.0	126.0	136.0
	KW	1.76	1.98	2.23	2.51	2.82	3.16	3.53
45	TCG	44.0	42.3	40.4	38.5	36.5	34.5	32.3
	SDT	77.4	87.1	96.9	107.0	117.0	127.0	137.0
	KW	1.77	1.99	2.24	2.52	2.83	3.18	3.55

See notes on pg. 29.

# Condenser only ratings\* continued

SST °F		CONDENSER ENTERING AIR TEMPERATURES °F						
		55	65	75	85	95	105	115
<b>38TRA036-34 continued</b>								
50	TCG	48.0	46.1	44.1	42.0	39.9	37.8	35.5
	SDT	78.9	88.5	98.3	108.0	118.0	128.0	138.0
	KW	1.78	2.00	2.26	2.54	2.85	3.19	3.57
55	TCG	52.1	50.1	48.0	45.8	43.6	41.3	38.9
	SDT	80.5	90.1	99.7	109.0	119.0	129.0	139.0
	KW	1.80	2.02	2.28	2.56	2.87	3.22	3.60
<b>38TRA042-34</b>								
30	TCG	38.6	36.8	35.0	33.2	31.4	29.6	27.9
	SDT	75.0	84.9	95.0	105.0	115.0	125.0	135.0
	KW	2.16	2.42	2.71	3.03	3.39	3.80	4.25
35	TCG	42.7	40.8	38.8	36.9	34.9	33.0	31.1
	SDT	75.0	85.0	95.0	105.0	115.0	125.0	135.0
	KW	2.15	2.40	2.70	3.02	3.38	3.79	4.24
40	TCG	47.0	45.0	43.0	40.8	38.7	36.6	34.5
	SDT	75.2	85.0	95.0	105.0	115.0	125.0	135.0
	KW	2.14	2.39	2.68	3.00	3.37	3.77	4.22
45	TCG	51.4	49.3	47.2	45.0	42.7	40.5	38.2
	SDT	76.7	86.2	95.8	105.0	115.0	125.0	135.0
	KW	2.15	2.40	2.68	3.00	3.36	3.75	4.20
50	TCG	55.9	53.7	51.5	49.2	46.8	44.4	42.0
	SDT	78.4	87.8	97.3	107.0	116.0	126.0	136.0
	KW	2.18	2.43	2.71	3.03	3.38	3.77	4.21
55	TCG	60.7	58.4	56.0	53.6	51.1	48.5	46.0
	SDT	80.3	89.6	99.1	109.0	118.0	128.0	137.0
	KW	2.21	2.46	2.75	3.07	3.42	3.81	4.25
<b>38TRA048-36</b>								
30	TCG	46.4	44.2	42.0	39.7	37.4	35.0	32.5
	SDT	75.4	85.1	95.0	105.0	115.0	125.0	135.0
	KW	2.29	2.64	3.03	3.48	3.96	4.48	5.03
35	TCG	50.9	48.6	46.3	43.9	41.5	39.0	36.4
	SDT	77.0	86.5	96.1	106.0	115.0	125.0	135.0
	KW	2.30	2.65	3.04	3.47	3.95	4.46	5.02
45	TCG	60.6	58.0	55.4	52.7	50.0	47.2	44.3
	SDT	80.8	90.2	99.7	109.0	119.0	128.0	138.0
	KW	2.35	2.71	3.11	3.55	4.03	4.55	5.12
50	TCG	65.9	63.1	60.4	57.5	54.6	51.6	48.5
	SDT	82.9	92.3	102.0	111.0	121.0	130.0	139.0
	KW	2.39	2.75	3.15	3.60	4.09	4.62	5.19
55	TCG	71.4	68.5	65.6	62.5	59.4	56.2	53.0
	SDT	85.2	94.5	104.0	113.0	123.0	132.0	141.0
	KW	2.42	2.79	3.20	3.65	4.14	4.68	5.27
<b>38TRA060-34</b>								
30	TCG	55.0	52.6	50.2	47.6	45.0	42.4	39.9
	SDT	76.1	85.8	95.6	105.0	115.0	125.0	135.0
	KW	2.88	3.25	3.66	4.13	4.61	5.08	5.56
35	TCG	60.2	57.7	55.1	52.3	49.6	46.9	44.1
	SDT	77.8	87.4	97.1	107.0	116.0	126.0	136.0
	KW	2.92	3.29	3.70	4.17	4.65	5.12	5.59
40	TCG	65.6	63.0	60.3	57.3	54.4	51.4	48.5
	SDT	79.6	89.2	98.8	108.0	118.0	128.0	137.0
	KW	2.96	3.34	3.75	4.23	4.71	5.19	5.67
45	TCG	71.3	68.7	65.8	62.6	59.5	56.4	53.2
	SDT	81.5	91.2	101.0	110.0	120.0	129.0	139.0
	KW	3.01	3.39	3.82	4.30	4.78	5.27	5.75
50	TCG	77.3	74.5	71.5	68.2	64.8	61.5	58.2
	SDT	83.6	93.2	103.0	112.0	122.0	131.0	141.0
	KW	3.05	3.45	3.88	4.37	4.86	5.36	5.85
55	TCG	83.6	80.7	77.5	74.0	70.5	67.0	63.5
	SDT	85.8	95.4	105.0	114.0	124.0	133.0	143.0
	KW	3.11	3.51	3.95	4.45	4.95	5.45	5.96

\* 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 summary

1. Intended for outdoor installation with free air inlet and outlet. Outdoor fan external static pressure available is less than 0.01-in. wc.
2. Minimum outdoor operating air temperature without low-ambient operation accessory is 55°F (12.8°C).
3. Maximum outdoor operating air temperature is 125°F (51.7°C).
4. For reliable operation, unit should be level in all horizontal planes.
5. Maximum elevation of indoor coil above or below base of outdoor unit is: Indoor coil above = 50 ft, indoor coil below = 150 ft.
6. For interconnecting refrigerant tube lengths between 50 and 175 ft or 20 ft vertical differential, consult the Residential Split-System Long-Line Application Guideline available from equipment distributor.
7. 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.
8. Use only copper wire for electric connection at unit. Aluminum and clad aluminum are not acceptable for the type of connector provided.
9. Mismatches of indoor coil capacity more than 1 size larger than outdoor unit capacity may result in inadequate indoor comfort.
10. Do not apply capillary tube indoor coils to these units.



# Guide specifications

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

### GENERAL

#### System Description

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

#### Quality Assurance

Unit will be rated in accordance with the latest edition of ARI Standard 210.

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

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

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

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

Air-cooled condenser coils will be leak tested at 150 psig and pressure tested at 300 psig.

Unit constructed in ISO9001 approved facility.

#### Delivery, Storage, and Handling

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

#### Warranty (for inclusion by specifying engineer)

U.S. and Canada only.

### PRODUCTS

#### Equipment

Factory assembled, single piece, air-cooled air conditioner unit. Contained within the unit enclosure is all factory wiring, piping, controls, compressor, refrigerant charge (R-22), 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 PVC-coated 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 R-22, 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.

