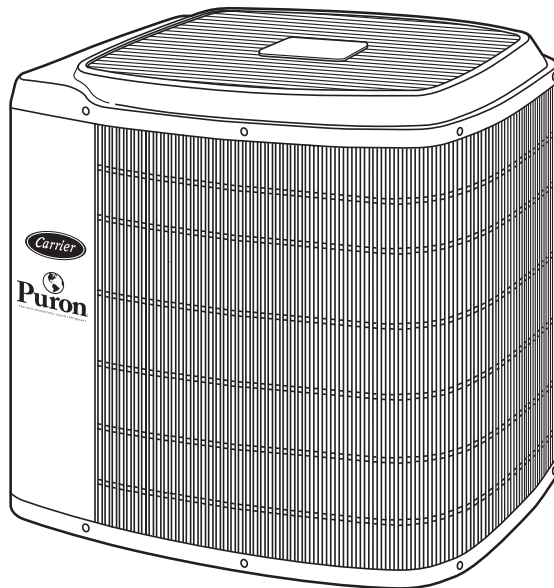




## Product Data

# Performance™ 12 38TZA (60 Hz) Air Conditioner with Puron® Refrigerant

Sizes 018 thru 060



Performance  
SERIES

Carrier's Performance™ 12 Air Conditioners with Puron® refrigerant provide a collection of features unmatched by any other family of equipment. The 38TZA family has been designed utilizing Carrier's Puron refrigerant. The environmentally sound refrigerant allows you to make a responsible decision in the protection of the earth's ozone layer. Carrier's Performance™ 12 system with Puron refrigerant meets the Energy Star® guidelines for energy efficiency.

### FEATURES

**Puron Environmentally Friendly Refrigerant** — Is Carrier's refrigerant designed to help protect the environment. Puron is an HFC refrigerant which does not contain chlorine that is damaging to the ozone layer. The most important advantage of Puron refrigerant is that it has not been banned in future air conditioning systems as the traditional refrigerant, R-22, has been. Puron refrigerant is in service in thousands of systems providing highly reliable, environmentally sound performance. For specific R-22 phase out information see your Carrier distributor.

**Carrier's Infinity® Controls** — These industry-leading controls, when installed with Carrier's Ideal Humidity™ variable-speed furnaces or fan coils, provide the homeowner with:

- unparalleled control of temperature, humidity, indoor air quality, and zoning
- unprecedented ease of use
- simple operation through on-screen, text-based service reminders

Optional remote access through telephone or Internet is also available when combined with a remote connectivity kit.

**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.

**High Efficiency Performance** — Is delivered through a combination of features including Carrier's Puron refrigerant, unique scroll compressor, and advanced heat transfer surfaces. Efficiency ratings are 12 SEER (Seasonal Energy Efficiency Ratio) with enhanced ratings of up to 14 SEER. Sophisticated heat transfer surfaces utilized in Carrier's 38TZA design allow heat to easily be transferred to the outdoor air and requires less energy. The unique scroll compressor found in the 38TZA design performs quietly and adds to the overall efficiency of the system. For improved serviceability, all models are equipped with a compressor terminal plug. Finally, Carrier's Puron refrigerant operates more efficiently than ordinary R-22 refrigerant found in other systems. The efficiency levels provided by the 38TZA provide end users with lower costs of operation than traditional air conditioning systems.

**Assured Future Service** — By utilizing the environmentally sound refrigerant, Puron, 38TZA models will remain serviceable well into the future. The Clean Air Act of 1990 has placed a cap on production of most other refrigerants which has scheduled reductions beginning in 2004. The resulting cap in production ultimately results in a complete ban on many other refrigerants in new equipment by the year 2010. These changes, required by federal law, mean the supply of other refrigerants may be limited in the near future making Puron the correct choice when considering long term serviceability.

**Highly Reliable Performance** — Is delivered through the superior design of the system and componentry. The

reliability of models with Puron refrigerant have been proven to provide the lowest incidence of warranty service of any product in the Carrier family in its last 3 years of service. Long term reliability is assured through the use of both high and low pressure switches which will not allow the system to operate in the event of a significant change in operating pressure. In doing this, the system is protected from damage if an unusual condition arises. Finally, Carrier includes a special liquid line filter drier designed to trap moisture and contaminants which could otherwise shorten the life of the system.

**Carrier's Silencer System** — Is one of the most sought after features of the 38TZA family. Extremely low operating sound is the result of special attention to the air moving through the outdoor unit, a specially designed sound enclosure surrounding the compressor, and a unique laminated plate beneath the compressor to eliminate sound transmission to the rest of the system.

**Application Versatility** — Carrier's systems utilizing Puron refrigerant have the same application guidelines as other systems. Applications which include long line sets (50 to 175 ft) or applications which require the system to operate at low outdoor temperatures (below 55°F, 12.8°C) are approved under Carrier's standard guidelines.

**Carrier Coils and Fan Coils to Complete the System** — Carrier specially designs both the outdoor product and indoor coil products to operate with assured reliability and performance. A wide range of indoor coil options are listed in the ratings section of this publication.

**Special Protective Devices** — High and low pressure switches and internal protection in the compressor including

temperature and current sensing overloads prevent operation under potentially damaging circumstances. A special liquid line filter drier designed to trap nearly 4 times the volume of contaminants of standard driers provides superior protection from moisture trapped in the system.

**Electrical Range** — 208/230v, single phase.

**Wide Range of Sizes** — Available in seven sizes: 1-1/2, 2, 2-1/2, 3, 3-1/2, 4, and 5 tons.

**Totally Enclosed Fan Motor** — Protected from adverse weather conditions.

**Unit Design** — Enhanced copper and aluminum heat transfer surfaces with vertical air discharge to direct air up and away from the area.

**External Service Valves** — Both service valves are back seating type valves which are externally located. These unique valves allow service technicians to evacuate or charge the system in less time than standard service valves.

**Easy Serviceability** — Easy removal panels provide access to both electrical and refrigerant carrying components simplifying installation and service.

**Agency Approvals** — 38TZA models are listed with UL (U.S. and Canada), ARI, and CEC. Special endorsements have also been awarded these products by Energy Star® which recognizes energy efficient products.

**Limited Warranty** — A standard five year warranty on parts with 10 years on the 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.



REGISTERED QUALITY SYSTEM

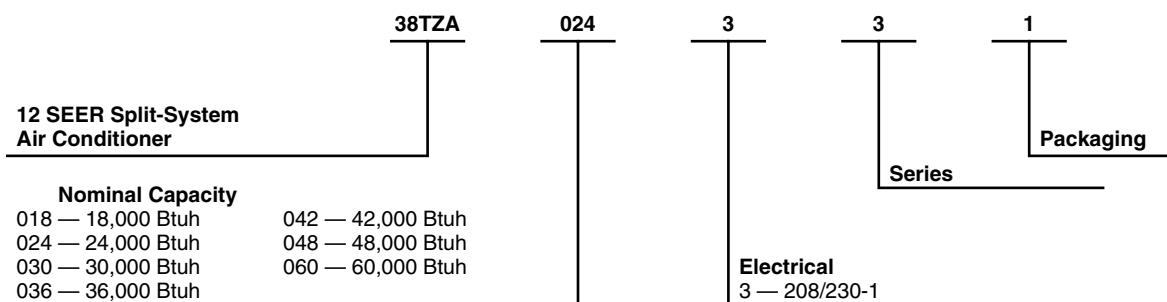


APPROVALS  
ISO 9001  
EN 29001  
BS 5750 PART 1  
ANSI/ASQC Q91

CERTIFICATE NO. FM 28768

\* Refer to the combination ratings in the Product Data Digest for system combinations that meet Energy Star® efficiency standards.

## Model number nomenclature



# Physical data

UNIT SIZE-SERIES	018-33	024-34	030-33	036-34	042-33	048-33	060-33
Operating Weight (Lb)	168	220	218	221	224	226	284
COMPRESSOR	Scroll						
Type	Scroll						
REFRIGERANT	Puron® (R-410A)						
Control	AccuRater® (with Ring)						
Charge (Lb)	5.22	5.20	5.19	5.43	5.43	5.75	8.00
COND FAN	Propeller Type, Direct Drive						
Air Discharge	Vertical						
Air Qty (CFM)	1700	2000	2400	2400	2800	2800	3300
Motor HP	1/12	1/10	1/8	1/8	1/5	1/5	1/4
Motor RPM	1100	1100	825	825	825	825	1100
COND COIL	Copper Tube, Aluminum Plate Fin						
Face Area (Sq ft)	10.9	10.9	12.2	12.2	12.2	12.2	18.2
Fins per In.	25	25	25	25	25	25	25
Rows	1	1	1	1	1	1	1
Circuits	2	2	2	2	2	2	3
VALVE CONNECT. (In. ID)	Sweat						
Vapor	5/8	5/8	3/4	3/4	7/8	7/8	7/8
Liquid	3/8						
REFRIGERANT TUBES* (In. OD)	Copper Tube, Aluminum Plate Fin						
Vapor (0–50 Ft Tube Length)	5/8	5/8	3/4	3/4	7/8	7/8	1-1/8
Vapor (Max Diameter for Long-Line Applications)	3/4	3/4	7/8	7/8	1-1/8	1-1/8	1-1/8
Liquid (0–50 Ft Tube Length)	3/8						
Liquid (For Long-Line Applications)	3/8						

\* For tubing sets greater than 50 ft horizontal and/or 20 ft vertical differential, consult Application Guideline and Service Manual—Air Conditioners and Heat Pumps Using Puron® Refrigerant.

**NOTE:** See unit Installation Instructions for proper installation.

## ACCURATER® PISTON CHART

UNIT SIZE-SERIES	PISTON* IDENTIFICATION NO.
018-33	49
024-34	55
030-33	63
036-34	67
042-33	76
048-33	80
060-33	90

\* 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	10
030-33	11
036-34	11
042-33	9
048-33	10
060-33	11

\* Must be a Puron® refrigerant (R-410A) approved hard shutoff TXV.

# Accessories

ORDERING NO.	DESCRIPTION
KAATD0101TDR	Time-Delay Relay — All Sizes
KSALA0301410	Low-Ambient Pressure Switch — All Sizes
KSALA0401AAA*	MotorMaster® Low-Ambient Controller — All Sizes
KAFT0101AAA†	Evaporator Freeze Thermostat — All Sizes
KAAWS0101AAA†	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 — Sizes 024–060
KSATX0201PUR	Thermostatic Expansion Valve (Hard Shutoff) — Sizes 018, 030
KSATX0301PUR	Thermostatic Expansion Valve (Hard Shutoff) — Sizes 036, 042
KSATX0401PUR	Thermostatic Expansion Valve (Hard Shutoff) — Size 048
KSATX0501PUR	Thermostatic Expansion Valve (Hard Shutoff) — Size 060
KSAPX0101PIS	Piston Body — All Sizes
HC34GE232 (RCD)	Ball Bearing Fan Motor — Size 018
HC38GE231 (RCD)	Ball Bearing Fan Motor — Sizes 024–048
HC40GE232 (RCD)	Ball Bearing Fan Motor — Size 060
KH45LG140 (RCD)	Filter Drier (Suction Line) — Sizes 018–036
KH45LG141 (RCD)	Filter Drier (Suction Line) — Sizes 042–060
KAALS0201LLS	Liquid-Line Solenoid Valve — Sizes 018–060
KSASF0101AAA	Support Feet — All Sizes
KAACF0701SML	Coastal Filter — Size 018, 024 (34)
KAACF0801MED	Coastal Filter — Sizes 024 (33)–060

\* Fan motor with ball bearings required.

† See low-ambient controller Installation Instructions for application.

THERMOSTAT/SUBBASE PKG	DESCRIPTION
TSTATCCPRH01-B	Thermidistat™ Control — Non-Programmable/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
TSTATCCSAC01	Thermostat — Manual Changeover, 5-2 Day Programmable, °F/°C, 1-Stage Heat, 1-Stage Cool
TSTATCCBAC01-B	Builder's Thermostat — Manual Changeover, Non-Programmable, °F/°C, 1 Stage Heat, 1-Stage Cool
TSTATXXSEN01-B	Outdoor Air Temperature Sensor
TSTATXXNBP01	Backplate for Non-Programmable Thermostat
TSTATXXPBP01	Backplate for Programmable Thermostat
TSTATXXBBP01	Backplate for Builder's Thermostat
TSTATXXSBP01	Backplate for Standard Thermostat
TSTATXXCNV10	Thermostat Conversion Kit (4 to 5 wire) — 10 Pack

INFINITY®* CONTROLS	DESCRIPTION
SYSTXCCUID01	Infinity Control Deluxe 7-Day Programmable (Wall-mounted system control.)
SYSTXCCUIZ01	Z Infinity Zone Control Deluxe Zoning 7-Day Programmable (Wall-mounted control for a multizone system.)
SYSTXCC4ZC01	O Infinity 4-Zone Damper Control Module (Wall-mounted control for a four-zone system.)
SYSTXCCSMS01	N Infinity Smart Sensor
SYSTXCCRRS01	I (Optional wall control used to monitor temperature and/or fan control in an individual zone.)
SYSTXCCSAM01	G Infinity Remote Room Sensor (Monitors temperature in an individual zone.)
SYSTXCCNIM01†	Infinity System Access Module (Hardware for wireless access and control via phone or internet.)
SYSTXXXBP01	Infinity Network Interface Module (Connects Heat Recovery and Energy Recovery Ventilators or older two-speed outdoor models to system.)
	Decorative Back Plate for Infinity Control (Decorative wall plate.)

\* When applied with Carrier's IdealHumidity™ series 58MVP, 58CVA (X), and FE Indoor Models.

† Must be installed in Dual-Fuel Infinity system applications.

## 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 greater than 50 ft and/or 20 ft vertical differential, refer to Application Guideline and Service Manual—Air Conditioners and Heat Pumps Using Puron® Refrigerant.

† 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 low-ambient controller (full modulation feature) or MotorMaster®—Low-Ambient Controller is installed.

### 2. Coastal Filter

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

### 3. Compressor Start Assist – Capacitor and Relay

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

Usage Guideline:

Required for 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 reciprocating compressor at each start-up.

Usage Guideline:

Suggested in installations with marginal power supply.

### 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. 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 an LLS in single flow air conditioner applications. See Long Line Application Guideline.

### 8. 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 MotorMaster®—Low Ambient Controller or Low-Ambient Pressure Switch must be used when cooling operation is used at outdoor temperatures below 55°F (12.8°C). Suggested for all commercial applications.

### 9. Outdoor Air Temperature Sensor

Designed for use with Carrier Thermostats listed in this publication. This device enables the thermostat to display the outdoor temperature. This device also is required to enable special thermostat features such as auxiliary heat lock out.

Usage Guideline:

Suggested for all Carrier thermostats listed in this publication.

### 10. 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.

### 11. 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.

### 12. Thermostatic Expansion Valve (TXV)

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. Hard shut off types 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.

### 13. Time-Delay Relay

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

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

Usage Guideline:

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

## Electrical data

UNIT SIZE-SERIES	V/PH	OPER VOLTS*		COMPR		FAN FLA	MCA	60°C MIN WIRE SIZE†	75°C MIN WIRE SIZE†	60°C MAX LENGTH (Ft)‡	75°C MAX LENGTH (Ft)‡	MAX FUSE** OR CKT BKR AMPS
		Max	Min	LRA	RLA							
018-33	208/230/1	253	187	51.0	10.3	0.5	13.4	14	14	61	58	20
024-34				60.0	12.8	0.8	16.8	14	14	46	44	25
030-33				72.5	14.7	0.8	19.2	14	14	41	39	30
036-34				83.0	15.4	0.8	20.1	12	12	62	59	30
042-33				105.0	18.6	1.1	24.4	10	10	81	77	40
048-33				109.0	20.5	1.1	26.7	10	10	74	71	40
060-33				158.0	27.6	1.4	35.9	8	8	86	82	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 Arms

MCA — Minimum Circuit Amps

RLA — Rated Load Amps

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


## A-weighted sound power (dBA)

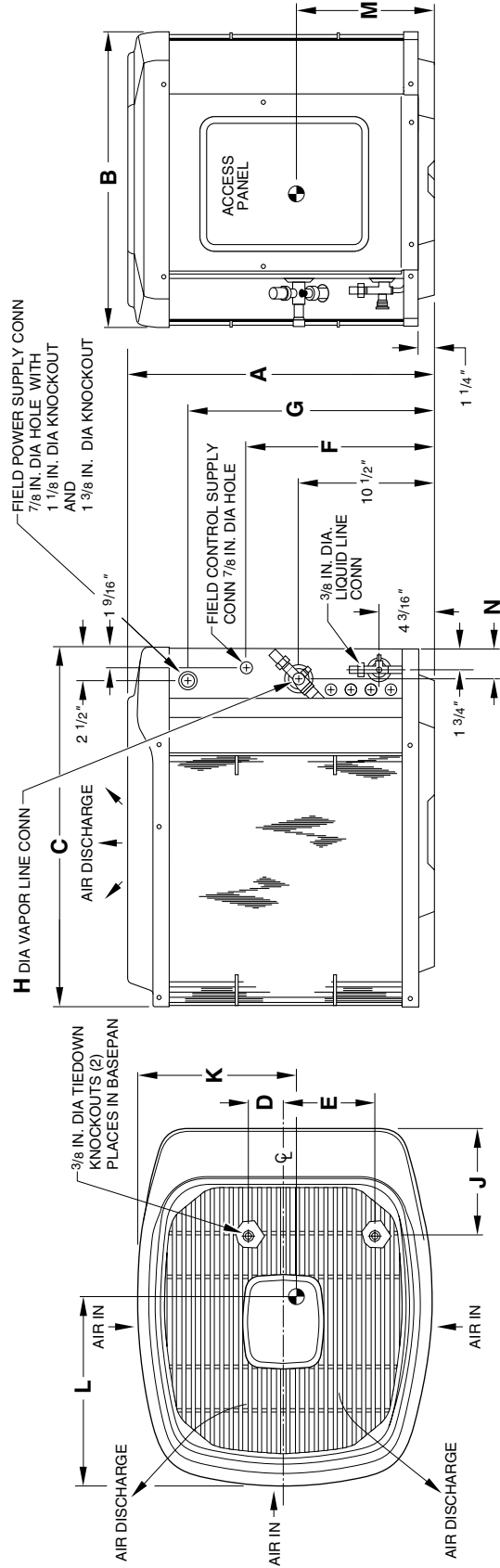
UNIT SIZE-SERIES	STANDARD RATING	TYPICAL OCTAVE BAND SPECTRUM (without tone adjustment)						
		125	250	500	1000	2000	4000	8000
018-33	71	50.5	60.0	64.5	66.5	63.0	56.0	48.5
024-34	73	53.5	64.0	67.5	68.0	65.0	60.5	51.5
030-33	70	54.0	62.0	63.5	65.0	62.0	58.5	51.0
036-34	72	54.5	65.0	64.5	66.0	63.0	60.5	52.0
042-33	72	56.0	64.0	65.5	66.5	64.5	60.5	53.0
048-33	76	61.0	72.5	68.5	67.0	64.0	60.5	53.0
060-33	78	61.5	69.5	71.0	71.5	69.0	66.0	59.5

**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	12-1/2	14	15-1/2	2-3/8	20 x 27
024	34	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	12-1/2	14	15-1/2	2-3/8	20 x 27
030	33	27-13/16	30	34-15/16	4	9-3/4	15-1/2	21-7/8	3/4	8-3/16	18-1/2	19-3/4	13	2-15/16	26 x 32
036	34	27-13/16	30	34-15/16	4	9-3/4	15-1/2	21-7/8	3/4	8-3/16	18-1/2	19-3/4	13	2-15/16	26 x 32
042	33	27-13/16	30	34-15/16	4	9-3/4	15-1/2	21-7/8	7/8	8-3/16	18-1/2	19-3/4	13	2-15/16	26 x 32
048	33	27-13/16	30	34-15/16	4	9-3/4	15-1/2	21-7/8	7/8	8-3/16	18-1/2	19-3/4	13	2-15/16	26 x 32
060	33	39-13/16	30	34-15/16	4	9-3/4	27-1/2	33-7/8	7/8	8-3/16	17-3/4	19	17-3/4	2-15/16	26 x 32

# Combination ratings

UNIT SIZE-SERIES	INDOOR UNIT	TOT. CAP. BTUH	FACTORY- SUPPLIED ENHANCE- MENT	SEER			EER	
				Standard Rating	Carrier Gas Furnace or Accessory TDR†	Accessory Puron TXV‡		
018-33	*CK5A/CK5BA024	17,500	NONE	—	12.00	12.00	10.80	
	CC5A/CD5AA018	17,200	NONE	—	11.50	11.50	10.45	
	CC5A/CD5AA024	17,500	NONE	—	12.00	12.00	10.70	
	CC5A/CD5AW024	17,500	NONE	—	12.00	12.00	10.70	
	CE3AA024	17,500	NONE	—	12.00	12.00	10.75	
	CF5AA024	17,500	NONE	—	12.00	12.00	10.75	
	CK3BA024	17,500	NONE	—	12.00	12.00	10.80	
	CK5A/CK5BA018	17,200	NONE	—	11.50	11.50	10.60	
	CK5A/CK5BW024	17,500	NONE	—	12.00	12.00	10.80	
	CK5PA018	17,200	TXV	—	11.50	—	10.60	
	CK5PA024	17,500	TXV	—	12.00	—	10.80	
	CK5PW024	17,500	TXV	—	12.00	—	10.80	
	F(A,B)4(A,B)N(F,C)018	17,200	TDR	11.70	—	11.70	10.60	
	F(A,B)4(A,B)N(F,C)024	17,500	TDR	12.00	—	12.00	10.90	
	FC4(B,C)NF024	17,600	TDR&TXV	12.00	—	—	10.90	
	FE4ANF002	18,000	TDR&TXV	13.50	—	—	12.25	
	FF1DNA018	17,200	TDR	12.00	—	12.00	10.90	
	FF1DNA024	17,500	TDR	12.00	—	12.00	10.75	
	FG3AAA024	17,500	NONE	—	11.70	11.70	10.60	
	FK4(C,D)NF001	17,600	TDR&TXV	13.00	—	—	12.20	
	FK4(C,D)NF002	18,000	TDR&TXV	13.50	—	—	12.25	
	FV4(A,B)NF002	18,000	TDR&TXV	13.50	—	—	12.25	
	FX4(A,B)NF018	17,600	TDR&TXV	12.00	—	—	10.90	
	<b>COILS + 58CV(A,X)070-12 VARIABLE-SPEED FURNACE</b>							
	018-33	CC5A/CD5AA018	17,200	TDR	12.50	—	12.50	11.60
		CC5A/CD5AA024	17,500	TDR	13.00	—	13.00	11.85
		CC5A/CD5AW024	17,500	TDR	13.00	—	13.00	11.85
		CE3AA024	17,500	TDR	13.00	—	13.00	11.85
		CK3BA024	17,500	TDR	13.00	—	13.00	12.00
		CK5A/CK5BA018	17,200	TDR	13.00	—	13.00	11.75
		CK5A/CK5BA024	17,500	TDR	13.00	—	13.00	12.00
		CK5A/CK5BW024	17,500	TDR	13.00	—	13.00	12.00
		CK5PA018	17,200	TDR&TXV	13.00	—	—	11.55
		CK5PA024	17,500	TDR&TXV	13.00	—	—	11.90
		CK5PW024	17,500	TDR&TXV	13.00	—	—	11.90
<b>COILS + 58CV(A,X)060-14 VARIABLE-SPEED FURNACE</b>								
018-33		CC5A/CD5AW024	17,500	TDR	13.00	—	13.00	11.75
	CE3AA024	17,500	TDR	13.00	—	13.00	11.80	
	CK5A/CK5BW024	17,500	TDR	13.00	—	13.00	11.90	
	CK5PW024	17,500	TDR&TXV	13.00	—	—	11.90	
<b>COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE</b>								
018-33	CC5A/CD5AW024	17,500	TDR	13.00	—	13.00	11.85	
	CE3AA024	17,500	TDR	13.00	—	13.00	11.80	
	CK3BA024	17,500	TDR	13.00	—	13.00	12.00	
	CK5A/CK5BA018	17,200	TDR	13.00	—	13.00	11.75	
	CK5A/CK5BA024	17,500	TDR	13.00	—	13.00	11.90	
	CK5A/CK5BW024	17,500	TDR	13.00	—	13.00	11.90	
	CK5PA018	17,200	TDR&TXV	13.00	—	—	11.50	
	CK5PA024	17,500	TDR&TXV	13.00	—	—	11.80	
	CK5PW024	17,500	TDR&TXV	13.00	—	—	11.85	
	024-34	*CK5A/CK5BA030	23,000	NONE	—	12.00	12.00	10.70
		CC5A/CD5AA024	22,800	NONE	—	12.00	12.00	10.50
CC5A/CD5AA030		23,000	NONE	—	12.00	12.00	10.60	
CC5A/CD5AW024		22,800	NONE	—	12.00	12.00	10.50	
CC5A/CD5AW030		23,000	NONE	—	12.00	12.00	10.60	
CE3AA024		22,800	NONE	—	12.00	12.00	10.60	
CE3AA030		23,000	NONE	—	12.00	12.00	10.70	
CF5AA024		22,800	NONE	—	12.00	12.00	10.50	
CK3BA024		22,800	NONE	—	12.00	12.00	10.65	
CK3BA030		23,000	NONE	—	12.00	12.00	10.70	
CK5A/CK5BA024		22,800	NONE	—	12.00	12.00	10.65	
CK5A/CK5BW024		22,800	NONE	—	12.00	12.00	10.65	
CK5A/CK5BW030		23,000	NONE	—	12.00	12.00	10.70	
CK5PA024		22,800	TXV	—	12.00	—	10.65	
CK5PA030		23,000	TXV	—	12.00	—	10.70	
CK5PW024		22,800	TXV	—	12.00	—	10.65	
CK5PW030		23,000	TXV	—	12.00	—	10.70	
F(A,B)4BN(F,C)024		23,000	TDR	12.00	—	12.00	10.75	
F(A,B)4BN(F,C)030		23,400	TDR	12.00	—	12.00	10.85	
FC4CNF024		23,000	TDR&TXV	12.00	—	—	10.75	
FC4CNF030		23,400	TDR&TXV	12.00	—	—	10.85	
FE4ANF002		23,200	TDR&TXV	13.50	—	—	12.05	
FE4ANF003		23,600	TDR&TXV	14.00	—	—	12.25	
FF1DNA024		23,000	TDR	12.00	—	12.00	10.55	
FF1DNA030		23,400	TDR	12.00	—	12.00	10.70	
FF1DNE024		23,000	TDR&TXV	12.00	—	—	10.55	
FF1DNE030		23,400	TDR&TXV	12.00	—	—	10.70	
FG3AAA024		22,000	NONE	—	11.50	11.50	10.35	
FK4DNF001		23,000	TDR&TXV	13.50	—	—	11.90	
FK4DNF002		23,200	TDR&TXV	13.50	—	—	12.05	
FK4DNF003		23,600	TDR&TXV	14.00	—	—	12.25	
FV4BNF002		23,200	TDR&TXV	13.50	—	—	12.05	

See notes on pg. 19.



# Combination ratings continued

UNIT SIZE-SERIES	INDOOR UNIT	TOT. CAP. BTUH	FACTORY- SUPPLIED ENHANCE- MENT	SEER			EER	
				Standard Rating	Carrier Gas Furnace or Accessory TDR†	Accessory Puron TXV‡		
024-34	FV4BNF003	23,600	TDR&TXV	14.00	—	—	12.25	
	FX4BNF030	23,400	TDR&TXV	12.00	—	—	10.95	
	<b>COILS + 58CV(A,X)070-12 VARIABLE-SPEED FURNACE</b>							
	CC5A/CD5AA024	22,200	TDR	13.00	—	13.00	11.40	
	CC5A/CD5AA030	22,600	TDR	13.00	—	13.00	11.65	
	CC5A/CD5AW024	22,200	TDR	13.00	—	13.00	11.50	
	CC5A/CD5AW030	22,600	TDR	13.00	—	13.00	11.65	
	CE3AA024	22,200	TDR	13.00	—	13.00	11.50	
	CE3AA030	22,600	TDR	13.00	—	13.00	11.70	
	CK3BA024	22,200	TDR	13.00	—	13.00	11.75	
	CK3BA030	22,600	TDR	13.00	—	13.00	11.80	
	CK5A/CK5BA024	22,200	TDR	13.00	—	13.00	11.60	
	CK5A/CK5BA030	22,600	TDR	13.00	—	13.00	11.70	
	CK5A/CK5BW024	22,200	TDR	13.00	—	13.00	11.60	
	CK5A/CK5BW030	22,600	TDR	13.00	—	13.00	11.75	
	CK5PA024	22,200	TDR&TXV	13.00	—	—	11.55	
	CK5PA030	22,600	TDR&TXV	13.00	—	—	11.65	
	CK5PW024	22,200	TDR&TXV	13.00	—	—	11.60	
	CK5PW030	22,600	TDR&TXV	13.00	—	—	11.70	
	<b>COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE</b>							
	CC5A/CD5AA024	22,200	TDR	13.00	—	13.00	11.50	
	CC5A/CD5AA030	22,600	TDR	13.00	—	13.00	11.75	
	CC5A/CD5AW024	22,200	TDR	13.00	—	13.00	11.60	
	CC5A/CD5AW030	22,600	TDR	13.00	—	13.00	11.75	
	CE3AA024	22,200	TDR	13.00	—	13.00	11.60	
	CE3AA030	22,600	TDR	13.00	—	13.00	11.80	
	CK3BA024	22,200	TDR	13.00	—	13.00	11.85	
	CK3BA030	22,600	TDR	13.00	—	13.00	11.90	
	CK5A/CK5BA024	22,200	TDR	13.00	—	13.00	11.70	
	CK5A/CK5BA030	22,600	TDR	13.00	—	13.00	11.80	
	CK5A/CK5BW024	22,200	TDR	13.00	—	13.00	11.75	
	CK5A/CK5BW030	22,600	TDR	13.00	—	13.00	11.85	
	CK5PA024	22,200	TDR&TXV	13.00	—	—	11.70	
	CK5PA030	22,600	TDR&TXV	13.00	—	—	11.80	
	CK5PW024	22,200	TDR&TXV	13.00	—	—	11.70	
	CK5PW030	22,600	TDR&TXV	13.00	—	—	11.85	
	<b>COILS + 58CV(A,X)110-20 VARIABLE-SPEED FURNACE</b>							
	CC5A/CD5AW024	22,200	TDR	13.00	—	13.00	11.50	
	CC5A/CD5AW030	22,600	TDR	13.00	—	13.00	11.70	
	CE3AA024	22,200	TDR	13.00	—	13.00	11.50	
	CE3AA030	22,600	TDR	13.00	—	13.00	11.75	
	CK3BA024	22,200	TDR	13.00	—	13.00	11.80	
	CK3BA030	22,600	TDR	13.00	—	13.00	11.85	
	CK5A/CK5BW024	22,200	TDR	13.00	—	13.00	11.65	
	CK5A/CK5BW030	22,600	TDR	13.00	—	13.00	11.80	
	CK5PW024	22,200	TDR&TXV	13.00	—	—	11.60	
	CK5PW030	22,600	TDR&TXV	13.00	—	—	11.75	
	<b>COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE</b>							
	CE3AA024	22,200	TDR	13.00	—	13.00	11.50	
	CE3AA030	22,600	TDR	13.00	—	13.00	11.75	
	<b>COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE</b>							
	CE3AA024	22,200	TDR	13.00	—	13.00	11.55	
	CE3AA030	22,600	TDR	13.00	—	13.00	11.80	
	<b>COILS + 58MVP040-14 VARIABLE-SPEED FURNACE</b>							
	CE3AA024	22,200	TDR	13.00	—	13.00	11.45	
	CE3AA030	22,600	TDR	13.00	—	13.00	11.70	
	<b>COILS + 58MVP060-14 VARIABLE-SPEED FURNACE</b>							
	CC5A/CD5AA024	22,200	TDR	13.00	—	13.00	11.45	
	CC5A/CD5AA030	22,600	TDR	13.00	—	13.00	11.65	
	CC5A/CD5AW024	22,200	TDR	13.00	—	13.00	11.50	
	CC5A/CD5AW030	22,600	TDR	13.00	—	13.00	11.65	
	CE3AA024	22,200	TDR	13.00	—	13.00	11.55	
	CE3AA030	22,600	TDR	13.00	—	13.00	11.75	
	CK3BA024	22,200	TDR	13.00	—	13.00	11.80	
	CK3BA030	22,600	TDR	13.00	—	13.00	11.85	
	CK5A/CK5BA024	22,200	TDR	13.00	—	13.00	11.65	
	CK5A/CK5BA030	22,600	TDR	13.00	—	13.00	11.75	
	CK5A/CK5BW024	22,200	TDR	13.00	—	13.00	11.65	
	CK5A/CK5BW030	22,600	TDR	13.00	—	13.00	11.80	
	CK5PA024	22,200	TDR&TXV	13.00	—	—	11.60	
	CK5PA030	22,600	TDR&TXV	13.00	—	—	11.70	
	CK5PW024	22,200	TDR&TXV	13.00	—	—	11.65	
	CK5PW030	22,600	TDR&TXV	13.00	—	—	11.75	
	<b>COILS + 58MVP080-14 VARIABLE-SPEED FURNACE</b>							
	CC5A/CD5AW024	22,200	TDR	13.00	—	13.00	11.50	
	CC5A/CD5AW030	22,600	TDR	13.00	—	13.00	11.65	
	CE3AA024	22,200	TDR	13.00	—	13.00	11.50	

See notes on pg. 19.

# Combination ratings continued

UNIT SIZE-SERIES	INDOOR UNIT	TOT. CAP. BTUH	FACTORY- SUPPLIED ENHANCE- MENT	SEER			EER	
				Standard Rating	Carrier Gas Furnace or Accessory TDR†	Accessory Puron TXV‡		
024-34	CE3AA030	22,600	TDR	13.00	—	13.00	11.70	
	CK3BA024	22,200	TDR	13.00	—	13.00	11.75	
	CK3BA030	22,600	TDR	13.00	—	13.00	11.80	
	CK5A/CK5BW024	22,200	TDR	13.00	—	13.00	11.60	
	CK5A/CK5BW030	22,600	TDR	13.00	—	13.00	11.75	
	CK5PW024	22,200	TDR&TXV	13.00	—	—	11.60	
	CK5PW030	23,200	TDR&TXV	13.00	—	—	11.70	
	<b>COILS + 58MVP080-20 VARIABLE-SPEED FURNACE</b>							
	CC5A/CD5AW024	22,200	TDR	13.00	—	13.00	11.50	
	CC5A/CD5AW030	22,600	TDR	13.00	—	13.00	11.65	
	CE3AA024	22,200	TDR	13.00	—	13.00	11.50	
	CE3AA030	22,600	TDR	13.00	—	13.00	11.75	
	CK3BA024	22,200	TDR	13.00	—	13.00	11.80	
	CK3BA030	22,600	TDR	13.00	—	13.00	11.80	
	CK5A/CK5BW024	22,200	TDR	13.00	—	13.00	11.65	
	CK5A/CK5BW030	22,600	TDR	13.00	—	13.00	11.75	
	CK5PW024	22,200	TDR&TXV	13.00	—	—	11.60	
	CK5PW030	22,600	TDR&TXV	13.00	—	—	11.75	
	<b>COILS + 58MVP100-20 VARIABLE-SPEED FURNACE</b>							
	CC5A/CD5AW024	22,200	TDR	13.00	—	13.00	11.50	
	CC5A/CD5AW030	22,600	TDR	13.00	—	13.00	11.65	
	CE3AA024	22,200	TDR	13.00	—	13.00	11.55	
	CE3AA030	22,600	TDR	13.00	—	13.00	11.75	
	CK3BA024	22,200	TDR	13.00	—	13.00	11.80	
	CK3BA030	22,600	TDR	13.00	—	13.00	11.85	
	CK5A/CK5BW024	22,200	TDR	13.00	—	13.00	11.65	
	CK5A/CK5BW030	22,600	TDR	13.00	—	13.00	11.80	
	CK5PW024	22,200	TDR&TXV	13.00	—	—	11.65	
	CK5PW030	22,600	TDR&TXV	13.00	—	—	11.75	
	<b>COILS + 58MVP120-20 VARIABLE-SPEED FURNACE</b>							
	CE3AA024	22,200	TDR	13.00	—	13.00	11.45	
	CE3AA030	22,600	TDR	13.00	—	13.00	11.70	
	030-33	*CK5A/CK5BA036	29,000	NONE	—	12.00	12.00	10.65
		CC5A/CD5AA030	28,000	NONE	—	11.70	11.70	10.30
		CC5A/CD5AA036	29,000	NONE	—	12.00	12.00	10.60
		CC5A/CD5AW030	28,000	NONE	—	11.70	11.70	10.30
		CC5A/CD5AW036	29,000	NONE	—	12.00	12.00	10.60
		CE3AA030	28,000	NONE	—	11.70	11.70	10.45
		CE3AA036	28,200	NONE	—	12.00	12.00	10.50
		CF5AA036	28,800	NONE	—	12.00	12.00	10.55
		CK3BA030	28,000	NONE	—	11.70	11.70	10.35
		CK3BA036	29,000	NONE	—	12.00	12.00	10.65
CK5A/CK5BA030		28,000	NONE	—	11.70	11.70	10.35	
CK5A/CK5BT036		29,000	NONE	—	12.00	12.00	10.65	
CK5A/CK5BW030		28,000	NONE	—	11.70	11.70	10.35	
CK5A/CK5BW036		29,000	NONE	—	12.00	12.00	10.65	
CK5PA030		28,000	TXV	—	11.70	—	10.35	
CK5PA036		29,000	TXV	—	12.00	—	10.65	
CK5PT036		29,000	TXV	—	12.00	—	10.65	
CK5PW030		28,000	TXV	—	11.70	—	10.35	
CK5PW036		29,000	TXV	—	12.00	—	10.65	
F(A,B)4(A,B)N(F,C)030		28,200	TDR	12.00	—	12.00	10.50	
F(A,B)4(A,B)N(F,C)036		28,400	TDR	12.00	—	12.00	10.35	
FC4(B,C)NF030		27,800	TDR&TXV	11.70	—	—	10.45	
FC4(B,C)NF036		28,000	TDR&TXV	12.00	—	—	10.30	
FE4ANF002		28,400	TDR&TXV	13.20	—	—	11.45	
FE4ANF003		28,800	TDR&TXV	13.70	—	—	11.80	
FE4ANF005		29,200	TDR&TXV	14.00	—	—	12.15	
FF1DNA030		28,400	TDR	12.00	—	12.00	10.45	
FG3AAA036		28,200	NONE	—	12.00	12.00	10.45	
FK4(C,D)NF001		28,000	TDR&TXV	13.00	—	—	11.40	
FK4(C,D)NF002		28,400	TDR&TXV	13.00	—	—	11.45	
FK4(C,D)NF003		28,400	TDR&TXV	13.50	—	—	11.80	
FK4(C,D)NF005		29,200	TDR&TXV	14.00	—	—	12.15	
FV4(A,B)NF002		28,400	TDR&TXV	13.20	—	—	11.45	
FV4(A,B)NF003		28,800	TDR&TXV	13.70	—	—	11.80	
FV4(A,B)NF005		29,200	TDR&TXV	14.00	—	—	12.15	
FX4(A,B)NF030		27,800	TDR&TXV	12.00	—	—	10.60	
FX4(A,B)NF036		28,000	TDR&TXV	12.00	—	—	10.40	
<b>COILS + 58CV(A,X)070-12 VARIABLE-SPEED FURNACE</b>								
CC5A/CD5AA030		27,800	TDR	12.50	—	12.50	11.10	
CC5A/CD5AA036		28,800	TDR	13.00	—	13.00	11.45	
CC5A/CD5AW030		27,800	TDR	12.50	—	12.50	11.10	
CE3AA030		28,200	TDR	12.50	—	12.50	11.20	
CE3AA036	28,000	TDR	12.50	—	12.50	11.30		
CK3BA030	27,800	TDR	12.50	—	12.50	11.15		
CK3BA036	28,800	TDR	13.00	—	13.00	11.50		
CK5A/CK5BA030	27,800	TDR	12.50	—	12.50	11.15		
CK5A/CK5BA036	28,800	TDR	13.00	—	13.00	11.50		

See notes on pg. 19.

# Combination ratings continued

UNIT SIZE-SERIES	INDOOR UNIT	TOT. CAP. BTUH	FACTORY- SUPPLIED ENHANCE- MENT	SEER			EER	
				Standard Rating	Carrier Gas Furnace or Accessory TDR†	Accessory Puron TXV‡		
030-33	CK5A/CK5BT036	28,800	TDR	13.00	—	13.00	11.50	
	CK5A/CK5BW030	27,800	TDR	12.50	—	12.50	11.15	
	CK5PA030	28,000	TDR&TXV	12.50	—	—	11.10	
	CK5PA036	28,800	TDR&TXV	13.00	—	—	11.50	
	CK5PT036	28,800	TDR&TXV	13.00	—	—	11.50	
	CK5PW030	28,000	TDR&TXV	12.50	—	—	11.10	
	<b>COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE</b>							
	CC5A/CD5AA030	27,800	TDR	12.50	—	12.50	11.25	
	CC5A/CD5AA036	28,800	TDR	13.00	—	13.00	11.60	
	CC5A/CD5AW030	27,800	TDR	12.50	—	12.50	11.25	
	CC5A/CD5AW036	28,800	TDR	13.00	—	13.00	11.60	
	CE3AA030	28,200	TDR	12.50	—	12.50	11.35	
	CE3AA036	28,600	TDR	13.00	—	13.00	11.50	
	CK3BA030	27,800	TDR	12.50	—	12.50	11.30	
	CK3BA036	29,000	TDR	13.00	—	13.00	11.65	
	CK5A/CK5BA030	27,800	TDR	12.50	—	12.50	11.30	
	CK5A/CK5BA036	29,000	TDR	13.00	—	13.00	11.65	
	CK5A/CK5BW030	27,800	TDR	12.50	—	12.50	11.30	
	CK5A/CK5BW036	29,000	TDR	13.00	—	13.00	11.65	
CK5PA030	28,200	TDR&TXV	12.50	—	—	11.25		
CK5PA036	29,000	TDR&TXV	13.00	—	—	11.65		
CK5PT036	29,000	TDR&TXV	13.00	—	—	11.65		
CK5PW030	28,200	TDR&TXV	12.50	—	—	11.25		
CK5PW036	29,000	TDR&TXV	13.00	—	—	11.65		
<b>COILS + 58CV(A,X)110-20 VARIABLE-SPEED FURNACE</b>								
CC5A/CD5AA036	28,600	TDR	13.00	—	13.00	11.50		
CC5A/CD5AW030	27,600	TDR	12.50	—	12.50	11.20		
CC5A/CD5AW036	28,600	TDR	13.00	—	13.00	11.55		
CE3AA030	27,800	TDR	12.50	—	12.50	11.25		
CE3AA036	28,000	TDR	13.00	—	13.00	11.40		
CK3BA030	27,800	TDR	12.50	—	12.50	11.35		
CK3BA036	28,800	TDR	13.00	—	13.00	11.55		
CK5A/CK5BA036	28,800	TDR	13.00	—	13.00	11.55		
CK5A/CK5BT036	28,800	TDR	13.00	—	13.00	11.55		
CK5A/CK5BW030	27,800	TDR	12.50	—	12.50	11.30		
CK5A/CK5BW036	28,800	TDR	13.00	—	13.00	11.60		
CK5PA036	28,800	TDR&TXV	13.00	—	—	11.55		
CK5PT036	28,800	TDR&TXV	13.00	—	—	11.55		
CK5PW030	28,200	TDR&TXV	12.50	—	—	11.25		
CK5PW036	28,800	TDR&TXV	13.00	—	—	11.60		
<b>COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE</b>								
CC5A/CD5AW036	28,600	TDR	13.00	—	13.00	11.60		
CE3AA030	27,800	TDR	12.50	—	12.50	11.30		
CE3AA036	28,200	TDR	13.00	—	13.00	11.45		
CK5A/CK5BW036	28,800	TDR	13.00	—	13.00	11.65		
CK5PW036	28,800	TDR&TXV	13.00	—	—	11.65		
<b>COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE</b>								
CC5A/CD5AW036	28,200	TDR	13.00	—	13.00	11.65		
CE3AA030	27,800	TDR	12.50	—	12.50	11.35		
CE3AA036	28,200	TDR	13.00	—	13.00	11.50		
CK5A/CK5BW036	28,800	TDR	13.00	—	13.00	11.70		
CK5PW036	28,800	TDR&TXV	13.00	—	—	11.65		
<b>COILS + 58MVP040-14 VARIABLE-SPEED FURNACE</b>								
CC5A/CD5AW030	28,000	TDR	12.50	—	12.50	10.80		
CC5A/CD5AW036	29,000	TDR	13.00	—	13.00	11.30		
CK5A/CK5BW030	28,000	TDR	12.50	—	12.50	11.20		
CK5A/CK5BW036	29,000	TDR	13.00	—	13.00	11.60		
CK5PW030	28,000	TDR&TXV	12.50	—	—	11.20		
CK5PW036	29,000	TDR&TXV	13.00	—	—	11.60		
<b>COILS + 58MVP060-14 VARIABLE-SPEED FURNACE</b>								
CC5A/CD5AA036	29,000	TDR	13.00	—	13.00	11.25		
CC5A/CD5AW030	28,000	TDR	12.50	—	12.50	10.80		
CK3BA030	28,000	TDR	12.50	—	12.50	10.85		
CK3BA036	29,000	TDR	13.00	—	13.00	11.30		
CK5A/CK5BA036	29,000	TDR	13.00	—	13.00	11.30		
CK5A/CK5BW030	28,000	TDR	12.50	—	12.50	11.20		
CK5PA036	29,000	TDR&TXV	13.00	—	—	11.30		
CK5PW030	28,000	TDR&TXV	12.50	—	—	11.20		
<b>COILS + 58MVP080-14 VARIABLE-SPEED FURNACE</b>								
CC5A/CD5AW030	28,000	TDR	12.50	—	12.50	10.75		
CC5A/CD5AW036	29,000	TDR	13.00	—	13.00	11.40		
CK5A/CK5BW030	28,000	TDR	12.50	—	12.50	11.20		
CK5A/CK5BW036	29,000	TDR	13.00	—	13.00	11.60		
CK5PW030	28,000	TDR&TXV	12.50	—	—	11.20		
CK5PW036	29,000	TDR&TXV	13.00	—	—	11.60		
<b>COILS + 58MVP080-20 VARIABLE-SPEED FURNACE</b>								
CC5A/CD5AW030	28,000	TDR	12.50	—	12.50	10.75		
CC5A/CD5AW036	29,000	TDR	13.00	—	13.00	11.25		

See notes on pg. 19.

# Combination ratings continued

UNIT SIZE-SERIES	INDOOR UNIT	TOT. CAP. BTUH	FACTORY- SUPPLIED ENHANCE- MENT	SEER			EER	
				Standard Rating	Carrier Gas Furnace or Accessory TDR†	Accessory Puron TXV‡		
030-33	CK5A/CK5BW030	28,000	TDR	12.50	—	12.50	11.20	
	CK5A/CK5BW036	29,000	TDR	13.00	—	13.00	11.60	
	CK5PW030	28,000	TDR&TXV	12.50	—	—	11.20	
	CK5PW036	29,000	TDR&TXV	13.00	—	—	11.60	
	<b>COILS + 58MVP100-20 VARIABLE-SPEED FURNACE</b>							
	CC5A/CD5AW030	28,000	TDR	12.50	—	12.50	11.15	
	CC5A/CD5AW036	29,000	TDR	13.50	—	13.50	11.60	
	CK5A/CK5BW030	28,000	TDR	12.50	—	12.50	11.20	
	CK5A/CK5BW036	29,000	TDR	13.00	—	13.00	11.60	
	CK5PW030	28,000	TDR&TXV	12.50	—	—	11.20	
	CK5PW036	29,000	TDR&TXV	13.00	—	—	11.60	
	<b>COILS + 58MVP120-20 VARIABLE-SPEED FURNACE</b>							
	CC5A/CD5AW036	29,000	TDR	13.00	—	13.00	11.55	
	CK5A/CK5BW036	29,000	TDR	13.00	—	13.00	11.60	
	CK5PW036	29,000	TDR&TXV	13.00	—	—	11.60	
	036-34	*CK5A/CK5BA042	35,000	NONE	—	12.00	12.00	10.55
		CC5A/CD5AA036	35,000	NONE	—	12.00	12.00	10.55
		CC5A/CD5AA042	35,000	NONE	—	12.00	12.00	10.55
		CC5A/CD5AW036	35,000	NONE	—	12.00	12.00	10.55
		CC5A/CD5AW042	34,800	NONE	—	12.00	12.00	10.45
		CE3AA036	34,600	NONE	—	11.70	11.70	10.45
		CE3AA042	35,000	NONE	—	12.00	12.00	10.60
		CF5AA036	34,800	NONE	—	12.00	12.00	10.50
		CK3BA036	35,000	NONE	—	12.00	12.00	10.55
CK3BA042		35,000	NONE	—	12.00	12.00	10.55	
CK5A/CK5BA036		35,000	NONE	—	12.00	12.00	10.55	
CK5A/CK5BT036		35,000	NONE	—	12.00	12.00	10.55	
CK5A/CK5BT042		35,000	NONE	—	12.00	12.00	10.55	
CK5A/CK5BW036		35,000	NONE	—	12.00	12.00	10.55	
CK5PA036		35,000	TXV	—	12.00	—	10.55	
CK5PA042		35,000	TXV	—	12.00	—	10.55	
CK5PT036		35,000	TXV	—	12.00	—	10.55	
CK5PT042		35,000	TXV	—	12.00	—	10.55	
CK5PW036		35,000	TXV	—	12.00	—	10.55	
F(A,B)4(A,B)N(F,B,C)042		35,000	TDR	12.00	—	12.00	10.50	
F(A,B)4(A,B)N(F,C)036		34,000	TDR	11.50	—	11.50	10.25	
FC4(B,C)N(F,B)042		34,000	TDR&TXV	12.00	—	—	10.45	
FC4(B,C)NB054		35,000	TDR&TXV	12.50	—	—	11.10	
FC4(B,C)NF036		33,600	TDR&TXV	11.50	—	—	10.15	
FE4ANF002		34,000	TDR&TXV	12.60	—	—	11.00	
FE4ANF003		34,200	TDR&TXV	13.00	—	—	11.50	
FE4ANF005		35,000	TDR&TXV	13.70	—	—	11.95	
FE4ANB006		35,800	TDR&TXV	14.00	—	—	12.25	
FG3AAA036		34,000	NONE	—	11.50	11.50	10.35	
FK4(C,D)NB006		35,400	TDR&TXV	14.00	—	—	12.25	
FK4(C,D)NF001		33,800	TDR&TXV	12.50	—	—	10.95	
FK4(C,D)NF002		34,000	TDR&TXV	12.50	—	—	11.05	
FK4(C,D)NF003		34,200	TDR&TXV	13.00	—	—	11.50	
FK4(C,D)NF005		35,000	TDR&TXV	13.50	—	—	11.95	
FV4(A,B)NB006		35,800	TDR&TXV	14.00	—	—	12.25	
FV4(A,B)NF002		34,000	TDR&TXV	12.60	—	—	11.00	
FV4(A,B)NF003		34,200	TDR&TXV	13.00	—	—	11.50	
FV4(A,B)NF005		35,000	TDR&TXV	13.70	—	—	11.95	
FX4(A,B)NF036		34,000	TDR&TXV	11.60	—	—	10.30	
FX4(A,B)NF042		34,000	TDR&TXV	12.10	—	—	10.60	
<b>COILS + 58CV(A,X)070-12 VARIABLE-SPEED FURNACE</b>								
CC5A/CD5AA036		34,600	TDR	12.50	—	12.50	11.10	
CE3AA036		34,200	TDR	12.50	—	12.50	11.00	
CE3AA042		34,600	TDR	12.50	—	12.50	11.25	
CK3BA036		34,600	TDR	12.50	—	12.50	11.15	
CK5A/CK5BA036		34,600	TDR	12.50	—	12.50	11.15	
CK5A/CK5BE042		34,600	TDR	12.50	—	12.50	11.30	
CK5A/CK5BT036		34,600	TDR	12.50	—	12.50	11.15	
CK5PA036		34,600	TDR&TXV	12.50	—	—	11.15	
CK5PE042		34,600	TDR&TXV	12.50	—	—	11.25	
CK5PT036		34,600	TDR&TXV	12.50	—	—	11.15	
<b>COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE</b>								
CC5A/CD5AA036	34,600	TDR	12.50	—	12.50	11.30		
CC5A/CD5AA042	34,600	TDR	13.00	—	13.00	11.40		
CC5A/CD5AW036	34,600	TDR	12.50	—	12.50	11.30		
CE3AA036	34,200	TDR	12.50	—	12.50	11.20		
CE3AA042	34,600	TDR	13.00	—	13.00	11.40		
CK3BA036	34,600	TDR	12.50	—	12.50	11.35		
CK3BA042	34,600	TDR	13.00	—	13.00	11.40		
CK5A/CK5BA036	34,600	TDR	12.50	—	12.50	11.35		
CK5A/CK5BA042	34,600	TDR	13.00	—	13.00	11.40		
CK5A/CK5BE042	34,600	TDR	13.00	—	13.00	11.45		
CK5A/CK5BT036	34,600	TDR	12.50	—	12.50	11.35		
CK5A/CK5BT042	34,600	TDR	13.00	—	13.00	11.40		
CK5A/CK5BW036	34,600	TDR	12.50	—	12.50	11.35		

See notes on pg. 19.

# Combination ratings continued

UNIT SIZE-SERIES	INDOOR UNIT	TOT. CAP. BTUH	FACTORY- SUPPLIED ENHANCE- MENT	SEER			EER	
				Standard Rating	Carrier Gas Furnace or Accessory TDR†	Puron TXV‡		
036-34	CK5PA036	34,600	TDR&TXV	12.50	—	—	11.30	
	CK5PA042	34,600	TDR&TXV	13.00	—	—	11.35	
	CK5PE042	34,600	TDR&TXV	13.00	—	—	11.45	
	CK5PT036	34,600	TDR&TXV	12.50	—	—	11.30	
	CK5PT042	34,600	TDR&TXV	13.00	—	—	11.35	
	CK5PW036	34,600	TDR&TXV	12.50	—	—	11.30	
	<b>COILS + 58CV(A,X)110-20 VARIABLE-SPEED FURNACE</b>							
	CC5A/CD5AA036	34,400	TDR	13.00	—	13.00	11.25	
	CC5A/CD5AA042	34,400	TDR	13.00	—	13.00	11.35	
	CC5A/CD5AW036	34,400	TDR	13.00	—	13.00	11.30	
	CC5A/CD5AW042	34,000	TDR	13.00	—	13.00	11.25	
	CE3AA036	34,000	TDR	12.50	—	12.50	11.15	
	CE3AA042	34,600	TDR	13.00	—	13.00	11.40	
	CK3BA036	34,600	TDR	13.00	—	13.00	11.30	
	CK3BA042	34,600	TDR	13.00	—	13.00	11.35	
	CK5A/CK5BA036	34,600	TDR	13.00	—	13.00	11.30	
	CK5A/CK5BA042	34,600	TDR	13.00	—	13.00	11.35	
	CK5A/CK5BE042	34,600	TDR	13.00	—	13.00	11.40	
	CK5A/CK5BT036	34,600	TDR	13.00	—	13.00	11.30	
CK5A/CK5BT042	34,600	TDR	13.00	—	13.00	11.35		
CK5A/CK5BW036	34,600	TDR	13.00	—	13.00	11.35		
CK5PA036	34,600	TDR&TXV	13.00	—	—	11.25		
CK5PA042	34,600	TDR&TXV	13.00	—	—	11.30		
CK5PE042	34,600	TDR&TXV	13.00	—	—	11.40		
CK5PT036	34,600	TDR&TXV	13.00	—	—	11.25		
CK5PT042	34,600	TDR&TXV	13.00	—	—	11.30		
CK5PW036	34,600	TDR&TXV	13.00	—	—	11.30		
<b>COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE</b>								
CC5A/CD5AA042	34,600	TDR	13.00	—	13.00	11.45		
CC5A/CD5AW036	34,600	TDR	13.00	—	13.00	11.30		
CC5A/CD5AW042	34,400	TDR	13.00	—	13.00	11.40		
CE3AA036	34,200	TDR	12.50	—	12.50	11.20		
CE3AA042	34,600	TDR	13.00	—	13.00	11.45		
CK3BA042	34,600	TDR	13.00	—	13.00	11.45		
CK5A/CK5BA042	34,600	TDR	13.00	—	13.00	11.45		
CK5A/CK5BT042	34,600	TDR	13.00	—	13.00	11.45		
CK5A/CK5BW036	34,600	TDR	13.00	—	13.00	11.35		
CK5PA042	34,600	TDR&TXV	13.00	—	—	11.40		
CK5PT042	34,600	TDR&TXV	13.00	—	—	11.40		
CK5PW036	34,600	TDR&TXV	13.00	—	—	11.35		
<b>COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE</b>								
CC5A/CD5AA042	34,600	TDR	13.00	—	13.00	11.55		
CC5A/CD5AW036	34,600	TDR	13.00	—	13.00	11.35		
CC5A/CD5AW042	34,400	TDR	13.00	—	13.00	11.50		
CE3AA036	34,200	TDR	12.50	—	12.50	11.25		
CE3AA042	34,600	TDR	13.00	—	13.00	11.55		
CK3BA042	34,600	TDR	13.00	—	13.00	11.55		
CK5A/CK5BA042	34,600	TDR	13.00	—	13.00	11.55		
CK5A/CK5BT042	34,600	TDR	13.00	—	13.00	11.55		
CK5A/CK5BW036	34,600	TDR	13.00	—	13.00	11.40		
CK5PA042	34,600	TDR&TXV	13.00	—	—	11.50		
CK5PT042	34,600	TDR&TXV	13.00	—	—	11.50		
CK5PW036	34,600	TDR&TXV	13.00	—	—	11.40		
<b>COILS + 58MVP040-14 VARIABLE-SPEED FURNACE</b>								
CC5A/CD5AA042	34,600	TDR	12.50	—	12.50	11.20		
CC5A/CD5AW036	34,600	TDR	12.50	—	12.50	11.10		
CK5A/CK5BA042	34,600	TDR	12.50	—	12.50	11.25		
CK5A/CK5BW036	34,600	TDR	12.50	—	12.50	11.15		
CK5PA042	34,600	TDR&TXV	12.50	—	—	11.25		
CK5PW036	34,600	TDR&TXV	12.50	—	—	11.15		
<b>COILS + 58MVP060-14 VARIABLE-SPEED FURNACE</b>								
CC5A/CD5AA036	34,600	TDR	12.50	—	12.50	11.10		
CK3BA036	34,600	TDR	12.50	—	12.50	11.15		
CK3BA042	34,600	TDR	12.50	—	12.50	11.20		
CK5A/CK5BA036	34,600	TDR	12.50	—	12.50	11.15		
CK5PA036	34,600	TDR&TXV	12.50	—	—	11.15		
<b>COILS + 58MVP080-14 VARIABLE-SPEED FURNACE</b>								
CC5A/CD5AA042	34,600	TDR	12.50	—	12.50	11.25		
CC5A/CD5AW036	34,600	TDR	12.50	—	12.50	11.20		
CK3BA042	34,600	TDR	12.50	—	12.50	11.25		
CK5A/CK5BA042	34,600	TDR	12.50	—	12.50	11.30		
CK5A/CK5BW036	34,600	TDR	12.50	—	12.50	11.25		
CK5PA042	34,600	TDR&TXV	12.50	—	—	11.30		
CK5PW036	34,600	TDR&TXV	12.50	—	—	11.25		
<b>COILS + 58MVP080-20 VARIABLE-SPEED FURNACE</b>								
CC5A/CD5AA042	34,600	TDR	12.50	—	12.50	11.15		
CC5A/CD5AW036	34,600	TDR	12.50	—	12.50	11.10		
CK3BA042	34,600	TDR	12.50	—	12.50	11.20		
CK5A/CK5BA042	34,600	TDR	12.50	—	12.50	11.20		

# Combination ratings continued

UNIT SIZE-SERIES	INDOOR UNIT	TOT. CAP. BTUH	FACTORY- SUPPLIED ENHANCE- MENT	SEER			EER	
				Standard Rating	Carrier Gas Furnace or Accessory TDR†	Accessory Puron TXV‡		
036-34	CK5A/CK5BW036	34,600	TDR	12.50	—	12.50	11.15	
	CK5PA042	34,600	TDR&TXV	12.50	—	—	11.20	
	CK5PW036	34,600	TDR&TXV	12.50	—	—	11.15	
	<b>COILS + 58MVP100-20 VARIABLE-SPEED FURNACE</b>							
	CC5A/CD5AA042	34,600	TDR	13.00	—	13.00	11.40	
	CC5A/CD5AW036	34,600	TDR	13.00	—	13.00	11.40	
	CK3BA042	34,600	TDR	13.00	—	13.00	11.40	
	CK5A/CK5BA042	34,600	TDR	13.00	—	13.00	11.45	
	CK5A/CK5BW036	34,600	TDR	13.00	—	13.00	11.40	
	CK5PA042	34,600	TDR&TXV	13.00	—	—	11.45	
	CK5PW036	34,600	TDR&TXV	13.00	—	—	11.40	
	<b>COILS + 58MVP120-20 VARIABLE-SPEED FURNACE</b>							
	CC5A/CD5AA042	34,600	TDR	13.00	—	13.00	11.40	
	CC5A/CD5AW036	34,600	TDR	13.00	—	13.00	11.35	
	CK5A/CK5BA042	34,600	TDR	13.00	—	13.00	11.45	
	CK5A/CK5BW036	34,600	TDR	13.00	—	13.00	11.35	
	CK5PA042	34,600	TDR&TXV	13.00	—	—	11.45	
	CK5PW036	34,600	TDR&TXV	13.00	—	—	11.35	
042-33	*CK5A/CK5BA048	40,000	NONE	—	12.00	12.00	10.25	
	CC5A/CD5AC048	39,500	NONE	—	11.70	11.70	10.10	
	CC5A/CD5AW042	39,500	NONE	—	11.70	11.70	10.10	
	CC5A/CD5AW048	40,000	NONE	—	12.00	12.00	10.20	
	CD5AA048	40,000	NONE	—	12.00	12.00	10.25	
	CE3AA042	39,500	NONE	—	12.00	12.00	10.25	
	CE3AA048	40,000	NONE	—	12.00	12.00	10.30	
	CF5AA048	39,500	NONE	—	12.00	12.00	10.25	
	CK3BA042	39,500	NONE	—	11.70	11.70	10.20	
	CK3BA048	40,000	NONE	—	12.00	12.00	10.25	
	CK5A/CK5BA042	39,500	NONE	—	11.70	11.70	10.20	
	CK5A/CK5BT042	39,500	NONE	—	11.70	11.70	10.20	
	CK5A/CK5BT048	40,000	NONE	—	12.00	12.00	10.25	
	CK5A/CK5BW048	40,000	NONE	—	12.00	12.00	10.25	
	CK5PA042	39,500	TXV	—	11.70	—	10.20	
	CK5PA048	40,000	TXV	—	12.00	—	10.25	
	CK5PT042	39,500	TXV	—	11.70	—	10.20	
	CK5PT048	40,000	TXV	—	12.00	—	10.25	
	CK5PW048	40,000	TXV	—	12.00	—	10.25	
	F(A,B)4(A,B)N(F,B,C)042	39,500	TDR	11.70	—	11.70	10.05	
	F(A,B)4(A,B)N(F,B,C)048	40,000	TDR	12.00	—	12.00	10.25	
	FC4(B,C)N(F,B)042	38,500	TDR&TXV	11.50	—	—	9.90	
	FC4(B,C)N(F,B)048	39,500	TDR&TXV	11.70	—	—	10.05	
	FC4(B,C)NB054	40,500	TDR&TXV	12.20	—	—	10.65	
	FE4ANB006	40,500	TDR&TXV	13.70	—	—	11.60	
	FE4ANF003	38,500	TDR&TXV	12.70	—	—	10.85	
	FE4ANF005	40,500	TDR&TXV	13.20	—	—	11.30	
	FG3AAA048	40,000	NONE	—	11.70	11.70	10.20	
	FK4(C,D)NB006	40,500	TDR&TXV	13.50	—	—	11.60	
	FK4(C,D)NF003	38,500	TDR&TXV	12.50	—	—	10.85	
	FK4(C,D)NF005	40,000	TDR&TXV	13.00	—	—	11.30	
	FV4(A,B)NB006	40,500	TDR&TXV	13.70	—	—	11.60	
	FV4(A,B)NF003	38,500	TDR&TXV	12.70	—	—	10.85	
	FV4(A,B)NF005	40,500	TDR&TXV	13.20	—	—	11.30	
	FX4(A,B)NF042	38,500	TDR&TXV	11.70	—	—	10.05	
	FX4(A,B)NF048	39,500	TDR&TXV	12.00	—	—	10.20	
	<b>COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE</b>							
	CC5A/CD5AA042	39,000	TDR	12.50	—	12.50	10.85	
	CC5A/CD5AC048	39,000	TDR	12.50	—	12.50	10.85	
	CD5AA048	39,500	TDR	12.50	—	12.50	11.00	
	CE3AA042	39,000	TDR	12.20	—	12.20	10.90	
	CE3AA048	39,500	TDR	12.50	—	12.50	10.95	
	CK3BA042	39,000	TDR	12.50	—	12.50	10.85	
	CK3BA048	39,500	TDR	12.50	—	12.50	10.95	
	CK5A/CK5BA042	39,000	TDR	12.50	—	12.50	10.85	
	CK5A/CK5BA048	39,500	TDR	12.50	—	12.50	10.95	
	CK5A/CK5BE042	39,500	TDR	12.50	—	12.50	10.90	
	CK5A/CK5BT042	39,000	TDR	12.50	—	12.50	10.85	
	CK5A/CK5BT048	39,500	TDR	12.50	—	12.50	10.95	
	CK5PA042	39,000	TDR&TXV	12.50	—	—	10.85	
	CK5PA048	39,500	TDR&TXV	12.50	—	—	10.95	
	CK5PE042	39,500	TDR&TXV	12.50	—	—	10.90	
	CK5PT042	39,000	TDR&TXV	12.50	—	—	10.85	
	CK5PT048	39,500	TDR&TXV	12.50	—	—	10.95	
<b>COILS + 58CV(A,X)110-20 VARIABLE-SPEED FURNACE</b>								
CC5A/CD5AA042	39,000	TDR	12.50	—	12.50	10.80		
CC5A/CD5AC048	39,000	TDR	12.50	—	12.50	10.70		
CC5A/CD5AW042	38,500	TDR	12.50	—	12.50	10.75		
CC5A/CD5AW048	39,500	TDR	12.50	—	12.50	10.90		
CD5AA048	39,500	TDR	12.50	—	12.50	10.90		
CE3AA042	39,000	TDR	12.50	—	12.50	10.85		
CE3AA048	39,500	TDR	12.50	—	12.50	10.90		

See notes on pg. 19.

# Combination ratings continued

UNIT SIZE-SERIES	INDOOR UNIT	TOT. CAP. BTUH	FACTORY- SUPPLIED ENHANCE- MENT	SEER			EER	
				Standard Rating	Carrier Gas Furnace or Accessory TDR†	Puron TXV‡		
042-33	CK3BA042	39,000	TDR	12.50	—	12.50	10.80	
	CK3BA048	39,500	TDR	12.50	—	12.50	10.95	
	CK5A/CK5BA042	39,000	TDR	12.50	—	12.50	10.75	
	CK5A/CK5BA048	39,500	TDR	12.50	—	12.50	10.95	
	CK5A/CK5BE042	39,000	TDR	12.50	—	12.50	10.80	
	CK5A/CK5BT042	39,000	TDR	12.50	—	12.50	10.75	
	CK5A/CK5BT048	39,500	TDR	12.50	—	12.50	10.95	
	CK5A/CK5BW048	39,500	TDR	13.00	—	13.00	11.05	
	CK5PA042	39,000	TDR&TXV	12.50	—	—	10.80	
	CK5PA048	39,500	TDR&TXV	12.50	—	—	10.95	
	CK5PE042	39,000	TDR&TXV	12.50	—	—	10.80	
	CK5PT042	39,000	TDR&TXV	12.50	—	—	10.80	
	CK5PT048	39,500	TDR&TXV	12.50	—	—	10.95	
	CK5PW048	39,500	TDR&TXV	13.00	—	—	11.05	
	<b>COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE</b>							
		CC5A/CD5AA042	39,000	TDR	12.50	—	12.50	10.95
		CC5A/CD5AC048	39,000	TDR	12.50	—	12.50	11.00
	CC5A/CD5AW042	39,000	TDR	12.50	—	12.50	10.85	
	CC5A/CD5AW048	39,500	TDR	13.00	—	13.00	11.10	
	CD5AA048	39,500	TDR	12.50	—	12.50	11.10	
	CE3AA042	39,000	TDR	12.50	—	12.50	11.00	
	CE3AA048	39,500	TDR	12.50	—	12.50	11.05	
	CK3BA042	39,000	TDR	12.50	—	12.50	10.95	
	CK3BA048	39,500	TDR	12.50	—	12.50	11.10	
	CK5A/CK5BA042	39,000	TDR	12.50	—	12.50	10.95	
	CK5A/CK5BA048	39,500	TDR	12.50	—	12.50	11.10	
	CK5A/CK5BT042	39,000	TDR	12.50	—	12.50	10.95	
	CK5A/CK5BT048	39,500	TDR	12.50	—	12.50	11.10	
	CK5A/CK5BW048	39,500	TDR	13.00	—	13.00	11.10	
	CK5PA042	39,000	TDR&TXV	12.50	—	—	11.00	
	CK5PA048	39,500	TDR&TXV	12.50	—	—	11.10	
	CK5PT042	39,000	TDR&TXV	12.50	—	—	11.00	
	CK5PT048	39,500	TDR&TXV	12.50	—	—	11.10	
	CK5PW048	39,500	TDR&TXV	13.00	—	—	11.10	
<b>COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE</b>								
	CC5A/CD5AA042	39,000	TDR	12.50	—	12.50	11.00	
	CC5A/CD5AC048	39,000	TDR	12.50	—	12.50	11.05	
	CC5A/CD5AW042	39,000	TDR	12.50	—	12.50	10.90	
	CC5A/CD5AW048	39,500	TDR	13.00	—	13.00	11.15	
	CD5AA048	39,500	TDR	12.50	—	12.50	11.15	
	CE3AA042	39,000	TDR	12.50	—	12.50	11.05	
	CE3AA048	39,500	TDR	12.50	—	12.50	11.10	
	CK3BA042	39,000	TDR	12.50	—	12.50	11.00	
	CK3BA048	39,500	TDR	12.50	—	12.50	11.15	
	CK5A/CK5BA042	39,000	TDR	12.50	—	12.50	11.00	
	CK5A/CK5BA048	39,500	TDR	12.50	—	12.50	11.15	
	CK5A/CK5BT042	39,000	TDR	12.50	—	12.50	11.00	
	CK5A/CK5BT048	39,500	TDR	12.50	—	12.50	11.15	
	CK5A/CK5BW048	39,500	TDR	13.00	—	13.00	11.15	
	CK5PA042	39,000	TDR&TXV	12.50	—	—	11.00	
	CK5PA048	39,500	TDR&TXV	12.50	—	—	11.15	
	CK5PT042	39,000	TDR&TXV	12.50	—	—	11.00	
	CK5PT048	39,500	TDR&TXV	12.50	—	—	11.15	
	CK5PW048	39,500	TDR&TXV	13.00	—	—	11.15	
<b>COILS + 58MVP040-14 VARIABLE-SPEED FURNACE</b>								
	CC5A/CD5AA042	39,000	TDR	12.20	—	12.20	10.60	
	CC5A/CD5AW048	39,500	TDR	12.50	—	12.50	10.65	
	CK5A/CK5BA042	39,000	TDR	12.20	—	12.20	10.60	
	CK5A/CK5BW048	39,500	TDR	12.50	—	12.50	10.75	
	CK5PA042	39,000	TDR&TXV	12.20	—	—	10.60	
	CK5PW048	39,500	TDR&TXV	12.50	—	—	10.75	
<b>COILS + 58MVP060-14 VARIABLE-SPEED FURNACE</b>								
	CK3BA042	39,000	TDR	12.50	—	12.50	10.60	
	CK5A/CK5BE042	39,500	TDR	12.45	—	12.45	10.55	
	CK5PE042	39,500	TDR&TXV	12.45	—	—	10.55	
<b>COILS + 58MVP080-14 VARIABLE-SPEED FURNACE</b>								
	CC5A/CD5AA042	39,000	TDR	12.50	—	12.50	10.70	
	CC5A/CD5AC048	39,000	TDR	12.50	—	12.50	10.65	
	CD5AA048	39,500	TDR	12.50	—	12.50	10.80	
	CK3BA042	39,000	TDR	12.50	—	12.50	10.75	
	CK3BA048	39,500	TDR	12.50	—	12.50	10.85	
	CK5A/CK5BA042	39,000	TDR	12.50	—	12.50	10.75	
	CK5A/CK5BA048	39,500	TDR	12.50	—	12.50	10.85	
	CK5PA042	39,000	TDR&TXV	12.50	—	—	10.75	
	CK5PA048	39,500	TDR&TXV	12.50	—	—	10.85	
<b>COILS + 58MVP080-20 VARIABLE-SPEED FURNACE</b>								
	CC5A/CD5AA042	39,000	TDR	12.20	—	12.20	10.60	
	CC5A/CD5AC048	39,000	TDR	12.20	—	12.20	10.50	
	CD5AA048	39,500	TDR	12.50	—	12.50	10.65	

See notes on pg. 19.

# Combination ratings continued

UNIT SIZE-SERIES	INDOOR UNIT	TOT. CAP. BTUH	FACTORY- SUPPLIED ENHANCE- MENT	SEER			EER	
				Standard Rating	Carrier Gas Furnace or Accessory TDR†	Accessory Puron TXV‡		
042-33	CK3BA042	39,000	TDR	12.20	—	12.20	10.60	
	CK3BA048	39,500	TDR	12.50	—	12.50	10.75	
	CK5A/CK5BA042	39,000	TDR	12.20	—	12.20	10.60	
	CK5A/CK5BA048	39,500	TDR	12.50	—	12.50	10.75	
	CK5PA042	39,000	TDR&TXV	12.20	—	—	10.60	
	CK5PA048	39,500	TDR&TXV	12.50	—	—	10.75	
	<b>COILS + 58MVP100-20 VARIABLE-SPEED FURNACE</b>							
	CC5A/CD5AA042	39,000	TDR	12.50	—	12.50	10.90	
	CC5A/CD5AC048	39,000	TDR	12.50	—	12.50	10.80	
	CD5AA048	39,500	TDR	12.50	—	12.50	10.95	
	CK3BA042	39,000	TDR	12.50	—	12.50	10.90	
	CK3BA048	39,500	TDR	12.50	—	12.50	11.05	
	CK5A/CK5BA042	39,000	TDR	12.50	—	12.50	10.90	
	CK5A/CK5BA048	39,500	TDR	13.00	—	13.00	11.05	
	CK5PA042	39,000	TDR&TXV	12.50	—	—	10.90	
	CK5PA048	39,500	TDR&TXV	13.00	—	—	11.05	
	<b>COILS + 58MVP120-20 VARIABLE-SPEED FURNACE</b>							
	CC5A/CD5AA042	39,000	TDR	12.50	—	12.50	10.90	
	CC5A/CD5AW048	39,500	TDR	12.50	—	12.50	11.00	
	CK5A/CK5BA042	39,000	TDR	12.50	—	12.50	10.90	
	CK5A/CK5BW048	39,500	TDR	12.50	—	12.50	11.00	
	CK5PA042	39,000	TDR&TXV	12.50	—	—	10.90	
	CK5PW048	39,500	TDR&TXV	12.50	—	—	11.00	
	048-33	*CK5A/CK5BA060	46,000	NONE	—	12.00	12.00	10.40
		CC5A/CD5AA060	45,000	NONE	—	11.70	11.70	10.15
		CC5A/CD5AC048	44,000	NONE	—	11.70	11.70	10.05
		CC5A/CD5AW048	45,000	NONE	—	11.70	11.70	10.15
		CC5A/CD5AW060	46,500	NONE	—	12.00	12.00	10.35
		CD5AA048	45,000	NONE	—	11.70	11.70	10.15
		CE3AA048	45,000	NONE	—	11.70	11.70	10.25
CE3AA060		46,000	NONE	—	12.00	12.00	10.40	
CF5AA048		44,000	NONE	—	11.70	11.70	10.20	
CK3BA048		45,000	NONE	—	11.70	11.70	10.20	
CK3BA060		46,000	NONE	—	12.00	12.00	10.40	
CK5A/CK5BA048		45,000	NONE	—	11.70	11.70	10.20	
CK5A/CK5BT048		45,000	NONE	—	11.70	11.70	10.20	
CK5A/CK5BT060		46,000	NONE	—	12.00	12.00	10.40	
CK5A/CK5BW048		45,000	NONE	—	11.70	11.70	10.20	
CK5A/CK5BX060		46,500	NONE	—	12.00	12.00	10.50	
CK5PA048		45,000	TXV	—	11.70	—	10.20	
CK5PA060		46,000	TXV	—	12.00	—	10.40	
CK5PT048		45,000	TXV	—	11.70	—	10.20	
CK5PT060		46,000	TXV	—	12.00	—	10.40	
CK5PW048		45,000	TXV	—	11.70	—	10.20	
CK5PX060		46,500	TXV	—	12.00	—	10.50	
F(A,B)4(A,B)N(F,B,C)048		45,000	TDR	11.70	—	11.70	10.10	
F(A,B)4(A,B)N(F,B,C)060		46,000	TDR	11.70	—	11.70	10.10	
FB4(A,B)NB070		46,500	TDR	12.00	—	12.00	10.45	
FC4(B,C)N(F,B)048		44,500	TDR&TXV	11.50	—	—	10.00	
FC4(B,C)N(F,B)060		45,000	TDR&TXV	11.50	—	—	9.95	
FC4(B,C)NB054		45,000	TDR&TXV	12.00	—	—	10.35	
FC4(B,C)NB070		46,000	TDR&TXV	12.00	—	—	10.30	
FE4ANB006		46,000	TDR&TXV	13.20	—	—	11.35	
FE4ANF005		45,000	TDR&TXV	12.70	—	—	11.00	
FG3AAA048		44,000	NONE	—	11.50	11.50	10.15	
FG3AAA060		45,000	NONE	—	11.70	11.70	10.30	
FK4(C,D)NB006		46,000	TDR&TXV	13.00	—	—	11.35	
FK4(C,D)NF005		45,000	TDR&TXV	12.50	—	—	11.05	
FV4(A,B)NB006		46,000	TDR&TXV	13.20	—	—	11.35	
FV4(A,B)NF005		45,000	TDR&TXV	12.70	—	—	11.00	
FX4(A,B)NB060		45,500	TDR&TXV	12.00	—	—	10.30	
FX4(A,B)NF048		45,000	TDR&TXV	11.70	—	—	10.15	
<b>COILS + 58CV(A,X)090-16 VARIABLE-SPEED FURNACE</b>								
CC5A/CD5AC048		43,500	TDR	12.00	—	12.00	10.50	
CD5AA048		44,500	TDR	12.00	—	12.00	10.60	
CE3AA048		44,500	TDR	12.00	—	12.00	10.60	
CE3AA060		45,000	TDR	12.50	—	12.50	10.90	
CK3BA048		44,500	TDR	12.00	—	12.00	10.60	
CK5A/CK5BA048		44,500	TDR	12.00	—	12.00	10.60	
CK5A/CK5BT048		44,500	TDR	12.00	—	12.00	10.60	
CK5PA048		44,500	TDR&TXV	12.00	—	—	10.60	
CK5PT048		44,500	TDR&TXV	12.00	—	—	10.60	
<b>COILS + 58CV(A,X)110-20 VARIABLE-SPEED FURNACE</b>								
CC5A/CD5AA060	44,500	TDR	12.00	—	12.00	10.60		
CC5A/CD5AC048	43,500	TDR	12.00	—	12.00	10.40		
CC5A/CD5AW048	44,500	TDR	12.00	—	12.00	10.60		
CD5AA048	44,500	TDR	12.00	—	12.00	10.55		
CD5PX060	45,500	TDR&TXV	12.50	—	—	11.00		
CE3AA048	44,500	TDR	12.00	—	12.00	10.60		
CE3AA060	45,000	TDR	12.50	—	12.50	10.95		
CK3BA048	44,500	TDR	12.00	—	12.00	10.65		

See notes on pg. 19.



# Combination ratings continued

UNIT SIZE-SERIES	INDOOR UNIT	TOT. CAP. BTUH	FACTORY- SUPPLIED ENHANCE- MENT	SEER			EER	
				Standard Rating	Carrier Gas Furnace or Accessory TDR†	Accessory Puron TXV‡		
048-33	CK3BA060	45,000	TDR	12.50	—	12.50	10.95	
	CK5A/CK5BA048	44,500	TDR	12.00	—	12.00	10.60	
	CK5A/CK5BA060	45,000	TDR	12.50	—	12.50	10.95	
	CK5A/CK5BT048	44,500	TDR	12.00	—	12.00	10.60	
	CK5A/CK5BT060	45,000	TDR	12.50	—	12.50	10.95	
	CK5A/CK5BW048	44,500	TDR	12.00	—	12.00	10.70	
	CK5A/CK5BX060	45,500	TDR	13.00	—	13.00	11.05	
	CK5PA048	44,500	TDR&TXV	12.00	—	—	10.60	
	CK5PA060	45,000	TDR&TXV	12.50	—	—	10.95	
	CK5PT048	44,500	TDR&TXV	12.00	—	—	10.60	
	CK5PT060	45,000	TDR&TXV	12.50	—	—	10.95	
	CK5PW048	44,500	TDR&TXV	12.50	—	—	10.70	
	CK5PX060	45,500	TDR&TXV	12.50	—	—	11.05	
	<b>COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE</b>							
		CC5A/CD5AA060	44,500	TDR	12.50	—	12.50	10.80
	CC5A/CD5AC048	44,000	TDR	12.00	—	12.00	10.65	
	CC5A/CD5AW048	44,500	TDR	12.50	—	12.50	10.75	
	CC5A/CD5AW060	45,500	TDR	12.50	—	12.50	11.05	
	CD5AA048	44,500	TDR	12.00	—	12.00	10.80	
	CE3AA048	44,500	TDR	12.00	—	12.00	10.75	
	CE3AA060	45,000	TDR	12.50	—	12.50	11.05	
	CK3BA048	44,500	TDR	12.00	—	12.00	10.75	
	CK3BA060	45,000	TDR	12.50	—	12.50	11.05	
	CK5A/CK5BA048	44,500	TDR	12.00	—	12.00	10.75	
	CK5A/CK5BA060	45,000	TDR	12.50	—	12.50	11.05	
	CK5A/CK5BT048	44,500	TDR	12.00	—	12.00	10.75	
	CK5A/CK5BT060	45,000	TDR	12.50	—	12.50	11.05	
	CK5A/CK5BW048	44,500	TDR	12.00	—	12.00	10.75	
	CK5A/CK5BX060	45,500	TDR	12.50	—	12.50	11.25	
	CK5PA048	44,500	TDR&TXV	12.00	—	—	10.80	
	CK5PA060	45,000	TDR&TXV	12.50	—	—	11.05	
	CK5PT048	44,500	TDR&TXV	12.00	—	—	10.80	
	CK5PT060	45,000	TDR&TXV	12.50	—	—	11.05	
	CK5PW048	44,500	TDR&TXV	12.00	—	—	10.80	
	CK5PX060	45,500	TDR&TXV	12.50	—	—	11.25	
<b>COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE</b>								
	CC5A/CD5AA060	45,000	TDR	12.50	—	12.50	10.90	
	CC5A/CD5AC048	44,000	TDR	12.50	—	12.50	10.75	
	CC5A/CD5AW048	44,500	TDR	12.50	—	12.50	10.90	
	CC5A/CD5AW060	45,500	TDR	13.00	—	13.00	11.15	
	CD5AA048	44,500	TDR	12.50	—	12.50	10.90	
	CE3AA048	44,500	TDR	12.00	—	12.00	10.85	
	CE3AA060	45,000	TDR	12.50	—	12.50	11.15	
	CK3BA048	44,500	TDR	12.00	—	12.00	10.85	
	CK3BA060	45,000	TDR	12.50	—	12.50	11.15	
	CK5A/CK5BA048	44,500	TDR	12.00	—	12.00	10.85	
	CK5A/CK5BA060	45,000	TDR	12.50	—	12.50	11.15	
	CK5A/CK5BT048	44,500	TDR	12.00	—	12.00	10.85	
	CK5A/CK5BT060	45,000	TDR	12.50	—	12.50	11.15	
	CK5A/CK5BW048	44,500	TDR	12.00	—	12.00	10.85	
	CK5A/CK5BX060	45,500	TDR	13.00	—	13.00	11.30	
	CK5PA048	44,500	TDR&TXV	12.00	—	—	10.85	
	CK5PA060	45,000	TDR&TXV	12.50	—	—	11.15	
	CK5PT048	44,500	TDR&TXV	12.00	—	—	10.85	
	CK5PT060	45,000	TDR&TXV	12.50	—	—	11.15	
	CK5PW048	44,500	TDR&TXV	12.00	—	—	10.85	
	CK5PX060	45,500	TDR&TXV	13.00	—	—	11.30	
<b>COILS + 58MVP080-14 VARIABLE-SPEED FURNACE</b>								
	CD5AA048	44,500	TDR	12.00	—	12.00	10.40	
	CK3BA048	44,500	TDR	12.00	—	12.00	10.40	
	CK5A/CK5BA048	44,500	TDR	12.00	—	12.00	10.40	
	CK5PA048	44,500	TDR&TXV	12.00	—	—	10.40	
<b>COILS + 58MVP080-20 VARIABLE-SPEED FURNACE</b>								
	CC5A/CD5AW060	45,500	TDR	12.00	—	12.00	10.55	
	CK3BA048	44,500	TDR	12.00	—	12.00	10.30	
	CK3BA060	45,000	TDR	12.00	—	12.00	10.50	
	CK5A/CK5BA060	45,000	TDR	12.00	—	12.00	10.50	
	CK5A/CK5BX060	46,000	TDR	12.00	—	12.00	10.70	
	CK5PA060	45,000	TDR&TXV	12.00	—	—	10.50	
	CK5PX060	46,000	TDR&TXV	12.00	—	—	10.70	
<b>COILS + 58MVP100-20 VARIABLE-SPEED FURNACE</b>								
	CC5A/CD5AA060	44,500	TDR	12.00	—	12.00	10.55	
	CC5A/CD5AC048	44,000	TDR	12.00	—	12.00	10.40	
	CC5A/CD5AW060	45,500	TDR	12.50	—	12.50	10.85	
	CD5AA048	44,500	TDR	12.00	—	12.00	10.55	
	CK3BA048	44,500	TDR	12.00	—	12.00	10.60	
	CK3BA060	45,000	TDR	12.00	—	12.00	10.45	
	CK5A/CK5BA048	44,500	TDR	12.00	—	12.00	10.60	
	CK5A/CK5BA060	45,000	TDR	12.00	—	12.00	10.80	
	CK5A/CK5BX060	46,000	TDR	12.50	—	12.50	11.00	

See notes on pg. 19.

# Combination ratings continued

UNIT SIZE-SERIES	INDOOR UNIT	TOT. CAP. BTUH	FACTORY- SUPPLIED ENHANCE- MENT	SEER			EER	
				Standard Rating	Carrier Gas Furnace or Accessory TDR†	Accessory Puron TXV‡		
048-33	CK5PA048	44,500	TDR&TXV	12.00	—	—	10.60	
	CK5PA060	45,000	TDR&TXV	12.00	—	—	10.80	
	CK5PX060	46,000	TDR&TXV	12.50	—	—	11.00	
	<b>COILS + 58MVP120-20 VARIABLE-SPEED FURNACE</b>							
	CC5A/CD5AA060	44,500	TDR	12.00	—	12.00	10.60	
	CC5A/CD5AW048	45,000	TDR	12.00	—	12.00	10.60	
	CC5A/CD5AW060	45,500	TDR	12.50	—	12.50	10.90	
	CK3BA060	45,000	TDR	12.00	—	12.00	10.55	
	CK5A/CK5BA060	45,000	TDR	12.00	—	12.00	10.85	
	CK5A/CK5BW048	44,500	TDR	12.00	—	12.00	10.65	
	CK5A/CK5BX060	46,000	TDR	12.50	—	12.50	11.05	
	CK5PA060	45,000	TDR&TXV	12.00	—	—	10.85	
	CK5PW048	44,500	TDR&TXV	12.00	—	—	10.65	
	CK5PX060	46,000	TDR&TXV	12.50	—	—	11.05	
	060-33	*CK5A/CK5BA060	57,000	NONE	—	12.00	12.00	10.20
		CC5A/CD5AA060	55,000	NONE	—	11.50	11.50	9.95
		CC5A/CD5AW060	58,000	NONE	—	11.70	11.70	10.20
CD5PX060		58,500	TXV	—	12.00	—	10.30	
CE3AA060		57,000	NONE	—	12.00	12.00	10.25	
CK3BA060		57,000	NONE	—	12.00	12.00	10.20	
CK5A/CK5BT060		57,000	NONE	—	12.00	12.00	10.20	
CK5A/CK5BX060		58,000	NONE	—	12.00	12.00	10.35	
CK5PA060		57,000	TXV	—	12.00	—	10.20	
CK5PT060		57,000	TXV	—	12.00	—	10.20	
CK5PX060		58,000	TXV	—	12.00	—	10.35	
F(A,B)4(A,B)N(F,B,C)060		57,000	TDR	11.50	—	11.50	9.95	
FB4(A,B)NB070		58,000	TDR	12.00	—	12.00	10.30	
FC4(B,C)N(F,B)060		57,000	TDR&TXV	11.50	—	—	9.85	
FC4(B,C)NB070		58,000	TDR&TXV	12.00	—	—	10.15	
FE4ANB006		58,000	TDR&TXV	12.50	—	—	10.75	
FG3AAA060		56,000	NONE	—	11.50	11.50	10.10	
FK4(C,D)NB006		58,000	TDR&TXV	12.50	—	12.50	10.75	
FV4(A,B)NB006		58,000	TDR&TXV	12.50	—	—	10.75	
FX4(A,B)NB060		56,000	TDR&TXV	12.00	—	—	10.15	
<b>COILS + 58CV(A,X)110-20 VARIABLE-SPEED FURNACE</b>								
CC5A/CD5AA060		56,000	TDR	11.50	—	11.50	10.00	
CD5PX060		58,500	TDR&TXV	12.00	—	—	10.35	
CE3AA060		58,000	TDR	12.00	—	12.00	10.35	
CK3BA060		58,000	TDR	12.00	—	12.00	10.35	
CK5A/CK5BA060		58,000	TDR	12.00	—	12.00	10.35	
CK5A/CK5BT060		58,000	TDR	12.00	—	12.00	10.35	
CK5A/CK5BX060		58,000	TDR	12.00	—	12.00	10.50	
CK5PA060		58,000	TDR&TXV	12.00	—	—	10.35	
CK5PT060		58,000	TDR&TXV	12.00	—	—	10.35	
CK5PX060		58,000	TDR&TXV	12.00	—	—	10.45	
<b>COILS + 58CV(A,X)135-22 VARIABLE-SPEED FURNACE</b>								
CC5A/CD5AA060		56,000	TDR	12.00	—	12.00	10.20	
CC5A/CD5AW060		58,000	TDR	12.00	—	12.00	10.50	
CE3AA060		58,000	TDR	12.00	—	12.00	10.55	
CK3BA060		58,000	TDR	12.00	—	12.00	10.45	
CK5A/CK5BA060		58,000	TDR	12.00	—	12.00	10.45	
CK5A/CK5BT060		58,000	TDR	12.00	—	12.00	10.45	
CK5A/CK5BX060		58,000	TDR	12.50	—	12.50	10.70	
CK5PA060		58,000	TDR&TXV	12.00	—	—	10.45	
CK5PT060		58,000	TDR&TXV	12.00	—	—	10.45	
CK5PX060		58,000	TDR&TXV	12.50	—	—	10.70	
<b>COILS + 58CV(A,X)155-22 VARIABLE-SPEED FURNACE</b>								
CC5A/CD5AA060		56,000	TDR	12.00	—	12.00	10.30	
CC5A/CD5AW060		57,000	TDR	12.00	—	12.00	10.50	
CD5PX060		58,500	TDR&TXV	12.50	—	—	10.65	
CE3AA060		58,000	TDR	12.00	—	12.00	10.65	
CK3BA060	58,000	TDR	12.00	—	12.00	10.55		
CK5A/CK5BA060	58,000	TDR	12.00	—	12.00	10.55		
CK5A/CK5BT060	58,000	TDR	12.00	—	12.00	10.55		
CK5A/CK5BX060	58,000	TDR	12.50	—	12.50	10.75		
CK5PA060	58,000	TDR&TXV	12.00	—	—	10.55		
CK5PT060	58,000	TDR&TXV	12.00	—	—	10.55		
CK5PX060	58,000	TDR&TXV	12.50	—	—	10.75		

See notes on pg. 19.

\* Tested combination

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

‡ TXV must be Puron® compatible and hard shutoff type.

**EER** — Energy Efficiency Ratio

**SEER** — Seasonal Energy Efficiency Ratio

**TDR** — Time-Delay Relay

**TXV** — Puron® 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\*

EVAP AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
CFM	EWB	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
<b>38TZA018-33 Outdoor Section With CK5A/CK5BA024 Indoor Section</b>																			
525	72	19.79	10.21	1.30	19.80	10.35	1.46	19.29	10.26	1.63	18.30	9.92	1.82	17.10	9.48	2.02	15.88	9.03	2.25
	67	19.16	13.22	1.29	18.44	13.04	1.44	17.33	12.60	1.62	16.22	12.14	1.80	15.10	11.69	1.99	13.95	11.23	2.19
	63††	17.89	12.98	1.28	16.79	12.50	1.43	15.82	12.06	1.59	14.77	11.60	1.76	13.73	11.15	1.95	12.57	10.66	2.15
	62	17.51	15.79	1.27	16.45	15.32	1.43	15.53	14.88	1.59	14.56	14.41	1.76	13.74	13.74	1.95	12.86	12.86	2.16
	57	16.83	16.83	1.27	16.08	16.08	1.42	15.34	15.34	1.58	14.54	14.54	1.76	13.74	13.74	1.95	12.86	12.86	2.16
600	72	19.81	10.35	1.34	19.84	10.60	1.49	19.50	10.65	1.66	18.61	10.40	1.85	17.43	10.00	2.05	16.18	9.55	2.28
	67	19.29	13.73	1.32	18.81	13.81	1.47	17.74	13.46	1.64	16.54	12.99	1.84	15.41	12.54	2.03	14.24	12.08	2.23
	63††	18.26	13.69	1.31	17.24	13.32	1.46	16.16	12.85	1.63	15.11	12.41	1.80	14.02	11.94	1.98	12.84	11.45	2.19
	62	18.03	16.94	1.30	16.97	16.50	1.46	16.03	16.03	1.62	15.24	15.24	1.80	14.38	14.38	2.00	13.45	13.45	2.21
	57	17.74	17.74	1.30	16.87	16.87	1.46	16.05	16.05	1.63	15.24	15.24	1.80	14.37	14.37	2.00	13.45	13.45	2.21
675	72	19.82	10.51	1.36	19.79	10.76	1.52	19.60	10.97	1.69	18.81	10.83	1.88	17.66	10.48	2.08	16.38	10.04	2.30
	67	19.30	14.10	1.35	19.01	14.46	1.50	18.03	14.23	1.67	16.84	13.82	1.87	15.67	13.36	2.06	14.45	12.88	2.27
	63††	18.47	14.29	1.34	17.56	14.08	1.49	16.44	13.62	1.66	15.36	13.17	1.83	14.23	12.70	2.02	13.04	12.19	2.23
	62	18.40	17.89	1.34	17.56	17.56	1.49	16.67	16.67	1.67	15.80	15.80	1.85	14.90	14.90	2.04	13.97	13.97	2.26
	57	18.34	18.34	1.33	17.56	17.56	1.49	16.67	16.67	1.67	15.80	15.80	1.85	14.90	14.90	2.04	13.97	13.97	2.26

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	018	0.98	1.02	CC5A/CD5AW	024	1.00	0.91
	024	1.00	1.01		CE3AA	024	1.00
CC5A/CD5AW	024	1.00	1.01	CK3BA	024	1.00	0.90
CE3AA	024	1.00	1.00	CK5A/CK5BA	018	0.98	0.90
CF5AA	024	1.00	1.00		024	1.00	0.90
CK3BA	024	1.00	1.00	CK5A/CK5BW	024	1.00	0.90
CK5A/CK5BA	018	0.98	1.00	CK5PA	018	0.98	0.92
	024	1.00	1.00		024	1.00	0.91
CK5A/CK5BW	024	1.00	1.00	CK5PW	024	1.00	0.91
CK5PA	018	0.98	1.00	<b>COILS + 58CV(A,X)090-16 VARIABLE SPEED FURNACE</b>			
	024	1.00	1.00	CC5A/CD5AW	024	1.00	0.91
CK5PW	024	1.00	1.00	CE3AA	024	1.00	0.91
F(A,B)4(A,B)N(F,C)	018	0.98	1.00	CK3BA	024	1.00	0.90
	024	1.00	0.99	CK5A/CK5BA	018	0.98	0.90
FC4(B,C)NF	024	1.01	1.00		024	1.00	0.91
FE4ANF	002	1.03	0.91	CK5A/CK5BW	024	1.00	0.91
FF1DNA	018	0.98	0.97	CK5PA	018	0.98	0.92
	024	1.00	1.00		024	1.00	0.91
FG3AAA	024	1.00	1.02	CK5PW	024	1.00	0.91
FK4(C,D)NF	001	1.01	0.89	<b>COILS + 58MVP060-14 VARIABLE SPEED FURNACE</b>			
	002	1.03	0.91	CC5A/CD5AW	024	1.00	0.92
FV4(A,B)NF	002	1.03	0.91	CE3AA	024	1.00	0.92
FX4(A,B)NF	018	1.01	1.00	CK5A/CK5BW	024	1.00	0.91
<b>COILS + 58CV(A,X)070-12 VARIABLE SPEED FURNACE</b>				CK5PW	024	1.00	0.91
CC5A/CD5AA	018	0.98	0.92		—	—	—
	024	1.00	0.91				

See notes on pg. 31.

# Detailed cooling capacities\* continued

EVAP AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
CFM	EWB	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
<b>38TZA024-34 Outdoor Section With CK5A/CK5BA030 Indoor Section</b>																			
700	57	22.07	22.07	1.63	21.10	21.10	1.84	20.07	20.07	2.08	18.98	18.98	2.33	17.84	17.84	2.61	16.57	16.57	2.91
	62	22.81	20.78	1.63	21.49	20.17	1.85	20.24	19.57	2.08	18.95	18.95	2.33	17.84	17.84	2.61	16.57	16.57	2.91
	67	25.23	17.55	1.64	23.98	17.11	1.86	22.53	16.54	2.11	21.03	15.93	2.38	19.47	15.30	2.66	17.81	14.65	2.95
	72	26.57	13.74	1.66	26.09	13.70	1.88	24.99	13.36	2.13	23.58	12.86	2.40	22.00	12.28	2.68	20.25	11.66	2.99
800	57	23.21	23.21	1.66	22.07	22.07	1.89	20.97	20.97	2.13	19.88	19.88	2.40	18.65	18.65	2.67	17.33	17.33	2.98
	62	23.51	22.30	1.67	22.14	21.70	1.89	20.97	20.97	2.13	19.88	19.88	2.40	18.64	18.64	2.67	17.35	17.35	2.98
	67	25.61	18.42	1.68	24.47	18.13	1.90	23.00	17.62	2.15	21.48	17.04	2.42	19.84	16.41	2.71	18.19	15.76	3.01
	72	26.62	14.00	1.70	26.29	14.12	1.92	25.29	13.88	2.17	23.88	13.42	2.44	22.29	12.88	2.72	20.51	12.27	3.03
900	57	24.04	24.04	1.70	22.93	22.93	1.93	21.80	21.80	2.19	20.58	20.58	2.45	19.32	19.32	2.73	17.99	17.99	3.05
	62	24.08	23.62	1.71	22.93	22.93	1.93	21.79	21.79	2.19	20.57	20.57	2.46	19.32	19.32	2.73	17.99	17.99	3.05
	67	25.80	19.11	1.72	24.77	19.02	1.94	23.33	18.61	2.19	21.81	18.07	2.45	20.21	17.48	2.75	18.46	16.79	3.05
	72	26.66	14.25	1.73	26.38	14.46	1.96	25.42	14.30	2.21	24.05	13.90	2.48	22.47	13.40	2.76	20.68	12.80	3.07

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	024	0.99	1.01	CK5A/CK5BA	024	0.97	0.89
	030	1.00	1.01		030	0.98	0.90
CC5A/CD5AW	024	0.99	1.01	CK5A/CK5BW	024	0.97	0.89
	030	1.00	1.01		030	0.98	0.89
CE3AA	024	0.99	1.00	CK5PA	024	0.97	0.89
	030	1.00	1.00		030	0.98	0.90
CF5AA	024	0.99	1.01	CK5PW	024	0.97	0.89
CK3BA	024	0.99	1.00		030	0.98	0.90
CK5A/CK5BA	024	0.99	1.00	<b>COILS + 58CV(A,X)090-16 VARIABLE SPEED FURNACE</b>			
	030	1.00	1.00	CC5A/CD5AA	024	0.97	0.90
CK5A/CK5BW	024	0.99	1.00		030	0.98	0.89
	030	1.00	1.00	CC5A/CD5AW	024	0.97	0.89
CK5PA	024	0.99	1.00		030	0.98	0.89
	030	1.00	1.00	CE3AA	024	0.97	0.89
CK5PW	024	0.99	1.00		030	0.98	0.89
	030	1.00	1.00	CK3BA	024	0.97	0.87
F(A,B)4BN(F,C)	024	1.00	1.00		030	0.98	0.88
	030	1.02	1.00	CK5A/CK5BA	024	0.97	0.88
FC4CNF	024	1.00	1.00		030	0.98	0.89
	030	1.02	1.00	CK5A/CK5BW	024	0.97	0.88
FE4ANF	002	1.01	0.90		030	0.98	0.89
	003	1.03	0.90	CK5PA	024	0.97	0.88
FF1DNA	024	1.00	1.01		030	0.98	0.89
	030	1.02	1.02	CK5PW	024	0.97	0.88
FF1DNE	024	1.00	1.01		030	0.98	0.89
	030	1.02	1.02	<b>COILS + 58CV(A,X)110-20 VARIABLE SPEED FURNACE</b>			
FG3AAA	024	0.96	0.99	CC5A/CD5AW	024	0.97	0.90
	FK4DNF	001	1.00		0.90	030	0.98
002		1.01	0.90	CE3AA	024	0.97	0.90
003	1.03	0.90	030		0.98	0.89	
FV4BNF	002	1.01	0.90	CK3BA	024	0.97	0.88
	003	1.03	0.90		030	0.98	0.89
FX4BNF	024	1.02	0.99	CK5A/CK5BW	024	0.97	0.89
	030	1.02	0.99		030	0.98	0.89
<b>COILS + 58CV(A,X)070-12 VARIABLE SPEED FURNACE</b>				CK5PW	024	0.97	0.89
CC5A/CD5AA	024	0.97	0.91		030	0.98	0.89
	030	0.98	0.90	<b>COILS + 58CV(A,X)135-22 VARIABLE SPEED FURNACE</b>			
CC5A/CD5AW	024	0.97	0.90	CE3AA	024	0.97	0.90
	030	0.98	0.90		030	0.98	0.89
CE3AA	024	0.97	0.90	<b>COILS + 58CV(A,X)155-22 VARIABLE SPEED FURNACE</b>			
	030	0.98	0.90	CE3AA	024	0.97	0.89
CK3BA	024	0.97	0.88		030	0.98	0.89
	030	0.98	0.89	—	—	—	

See notes on pg. 31.

# Detailed cooling capacities\* continued

EVAP AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
CFM	EWB	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
<b>38TZA024-34 Outdoor Section With CK5A/CK5BA030 Indoor Section continued</b>																			
700	57	22.07	22.07	1.63	21.10	21.10	1.84	20.07	20.07	2.08	18.98	18.98	2.33	17.84	17.84	2.61	16.57	16.57	2.91
	62	22.81	20.78	1.63	21.49	20.17	1.85	20.24	19.57	2.08	18.95	18.95	2.33	17.84	17.84	2.61	16.57	16.57	2.91
	67	25.23	17.55	1.64	23.98	17.11	1.86	22.53	16.54	2.11	21.03	15.93	2.38	19.47	15.30	2.66	17.81	14.65	2.95
	72	26.57	13.74	1.66	26.09	13.70	1.88	24.99	13.36	2.13	23.58	12.86	2.40	22.00	12.28	2.68	20.25	11.66	2.99
800	57	23.21	23.21	1.66	22.07	22.07	1.89	20.97	20.97	2.13	19.88	19.88	2.40	18.65	18.65	2.67	17.33	17.33	2.98
	62	23.51	22.30	1.67	22.14	21.70	1.89	20.97	20.97	2.13	19.88	19.88	2.40	18.64	18.64	2.67	17.35	17.35	2.98
	67	25.61	18.42	1.68	24.47	18.13	1.90	23.00	17.62	2.15	21.48	17.04	2.42	19.84	16.41	2.71	18.19	15.76	3.01
	72	26.62	14.00	1.70	26.29	14.12	1.92	25.29	13.88	2.17	23.88	13.42	2.44	22.29	12.88	2.72	20.51	12.27	3.03
900	57	24.04	24.04	1.70	22.93	22.93	1.93	21.80	21.80	2.19	20.58	20.58	2.45	19.32	19.32	2.73	17.99	17.99	3.05
	62	24.08	23.62	1.71	22.93	22.93	1.93	21.79	21.79	2.19	20.57	20.57	2.46	19.32	19.32	2.73	17.99	17.99	3.05
	67	25.80	19.11	1.72	24.77	19.02	1.94	23.33	18.61	2.19	21.81	18.07	2.45	20.21	17.48	2.75	18.46	16.79	3.05
	72	26.66	14.25	1.73	26.38	14.46	1.96	25.42	14.30	2.21	24.05	13.90	2.48	22.47	13.40	2.76	20.68	12.80	3.07

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
<b>COILS + 58MVP040-14 VARIABLE SPEED FURNACE</b>				<b>CK5PW</b>			
CE3AA	024	0.97	0.90	CK5PW	024	0.97	0.89
	030	0.98	0.90		030	1.01	0.92
<b>COILS + 58MVP060-14 VARIABLE SPEED FURNACE</b>				<b>COILS + 58MVP080-20 VARIABLE SPEED FURNACE</b>			
CC5A/CD5AA	024	0.97	0.90	CC5A/CD5AW	024	0.97	0.90
					030	0.98	0.90
	030	0.98	0.90	CE3AA	024	0.97	0.90
CC5A/CD5AW	024	0.97	0.90		030	0.98	0.89
	CE3AA	024	0.97	0.89	CK3BA	024	0.97
030		0.98	0.89	030		0.98	0.89
CK3BA	024	0.97	0.88	CK5A/CK5BW	024	0.97	0.89
	030	0.98	0.89		030	0.98	0.89
CK5A/CK5BA	024	0.97	0.89	CK5PW	024	0.97	0.89
	030	0.98	0.89		030	0.98	0.89
<b>COILS + 58MVP100-20 VARIABLE SPEED FURNACE</b>				<b>COILS + 58MVP120-20 VARIABLE SPEED FURNACE</b>			
CK5A/CK5BW	024	0.97	0.89	CC5A/CD5AW	024	0.97	0.90
	030	0.98	0.89		030	0.98	0.90
CK5PA	024	0.97	0.89	CE3AA	024	0.97	0.89
	030	0.98	0.90		030	0.98	0.89
CK5PW	024	0.97	0.89	CK3BA	024	0.97	0.88
	030	0.98	0.89		030	0.98	0.89
<b>COILS + 58MVP080-14 VARIABLE SPEED FURNACE</b>				<b>COILS + 58MVP100-14 VARIABLE SPEED FURNACE</b>			
CC5A/CD5AW	024	0.97	0.90	CK5A/CK5BW	024	0.97	0.89
	030	0.98	0.90		030	0.98	0.89
CE3AA	024	0.97	0.90	CK5PW	024	0.97	0.89
	030	0.98	0.90		030	0.98	0.89
CK3BA	024	0.97	0.88	CE3AA	024	0.97	0.90
	030	0.98	0.89		030	0.98	0.90
CK5A/CK5BW	024	0.97	0.89	—	—	—	—
	030	0.98	0.89	—	—	—	—

See notes on pg. 31.

# Detailed cooling capacities\* continued

EVAP AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
CFM	EWB	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
<b>38TZA030-33 Outdoor Section With CK5A/CK5BA036 Indoor Section</b>																			
875	72	33.5	16.6	2.19	32.4	16.3	2.43	31.0	15.8	2.69	29.5	15.3	2.99	27.7	14.7	3.32	25.7	14.0	3.69
	67	31.4	21.7	2.17	30.1	21.2	2.41	28.6	20.6	2.67	26.9	19.9	2.95	24.5	19.0	3.26	21.7	17.9	3.61
	63††	28.8	20.9	2.15	26.6	20.0	2.37	24.4	19.0	2.61	22.0	18.0	2.88	20.5	17.4	3.19	18.8	16.7	3.54
	62	28.2	26.0	2.14	26.1	25.0	2.36	24.0	23.9	2.61	22.8	22.8	2.89	21.4	21.4	3.21	19.9	19.9	3.57
	57	26.7	26.7	2.13	25.1	25.1	2.35	23.6	23.6	2.60	22.8	22.8	2.89	21.9	21.9	3.22	20.0	20.0	3.57
1000	72	33.6	17.0	2.24	32.6	16.8	2.48	31.3	16.5	2.74	29.8	16.0	3.04	28.0	15.4	3.37	26.0	14.8	3.75
	67	31.8	22.8	2.22	30.4	22.4	2.46	29.0	21.9	2.72	27.4	21.3	3.01	24.8	20.3	3.32	22.0	19.3	3.66
	63††	29.9	22.5	2.21	27.7	21.6	2.43	25.4	20.6	2.67	22.9	19.5	2.94	21.4	18.9	3.26	19.5	18.1	3.61
	62	29.6	28.3	2.21	27.5	27.2	2.43	25.6	25.6	2.68	24.3	24.3	2.96	22.9	22.9	3.29	21.4	21.4	3.65
	57	28.6	28.6	2.20	26.9	26.9	2.42	25.4	25.4	2.67	24.5	24.5	2.97	23.4	23.4	3.29	21.4	21.4	3.65
1125	72	34.1	17.8	2.30	33.1	17.6	2.54	31.4	17.0	2.79	29.9	16.6	3.09	28.1	16.1	3.42	26.2	15.6	3.81
	67	32.1	23.9	2.28	30.6	23.4	2.50	29.3	23.2	2.77	27.6	22.6	3.06	25.3	21.8	3.38	22.2	20.6	3.72
	63††	30.3	23.8	2.27	28.6	23.0	2.49	26.2	22.0	2.73	23.7	21.0	3.00	22.2	20.4	3.32	20.1	19.4	3.67
	62	30.3	30.0	2.26	29.0	29.0	2.49	27.0	27.0	2.74	25.7	25.7	3.03	24.3	24.3	3.36	21.9	21.9	3.71
	57	30.2	30.2	2.26	28.6	28.6	2.49	27.0	27.0	2.74	26.1	26.1	3.04	24.6	24.6	3.36	21.9	21.9	3.71

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	030	0.97	1.00	CE3AA	030	0.97	0.92
	036	1.00	1.00		036	0.97	0.91
CC5A/CD5AW	030	0.97	1.00	CK3BA	030	0.96	0.92
	036	1.00	1.00		036	0.99	0.92
CE3AA	030	0.97	0.98	CK5A/CK5BA	030	0.96	0.92
	036	0.97	0.99		036	0.99	0.92
CF5AA	036	0.99	1.00	CK5A/CK5BT	036	0.99	0.92
CK3BA	030	0.97	0.99	CK5A/CK5BW	030	0.96	0.92
	036	1.00	1.00		030	0.97	0.93
CK5A/CK5BA	030	0.97	0.99	CK5PA	036	0.99	0.92
	036	1.00	1.00		036	0.99	0.92
CK5A/CK5BT	036	1.00	1.00	CK5PT	036	0.99	0.92
CK5A/CK5BW	030	0.97	0.99	CK5PW	030	0.97	0.93
CK5PA	030	0.97	0.99	<b>COILS + 58CV(A,X)090-16 VARIABLE SPEED FURNACE</b>			
		1.00	1.00	CC5A/CD5AA	030	0.96	0.91
		1.00	1.00		036	0.99	0.91
CK5PT	036	1.00	1.00	CC5A/CD5AW	030	0.96	0.91
		1.00	1.00		036	0.99	0.91
CK5PW	030	0.97	0.99	CE3AA	030	0.97	0.91
	036	1.00	1.00		036	0.99	0.91
F(A,B)4(A,B)N(F,C)	030	0.97	0.99	CK3BA	030	0.96	0.90
	036	0.98	1.01		036	1.00	0.91
FC4(B,C)NF	030	0.96	0.98	CK5A/CK5BA	030	0.96	0.90
	036	0.97	1.00		036	1.00	0.91
FE4ANF	002	0.98	0.91	CK5A/CK5BW	030	0.96	0.90
	003	0.99	0.90		036	1.00	0.91
	005	1.01	0.88		030	0.97	0.92
FF1DNA	030	0.98	1.00	CK5PA	036	1.00	0.91
FG3AAA	036	0.97	0.99		036	1.00	0.91
FK4(C,D)NF	001	0.97	0.90	CK5PT	036	1.00	0.91
	002	0.98	0.91		CK5PW	030	0.97
	003	0.98	0.88	036		1.00	0.91
	005	1.01	0.88	<b>COILS + 58CV(A,X)110-20 VARIABLE SPEED FURNACE</b>			
FV4(A,B)NF	002	0.98	0.91	CC5A/CD5AA	036	0.99	0.91
		0.99	0.90		CC5A/CD5AW	030	0.95
		1.01	0.88	036		0.99	0.91
FX4(A,B)NF	030	0.96	0.96	CE3AA	030	0.96	0.91
		0.97	0.99		036	0.97	0.90
		0.97	0.99	CK3BA	030	0.96	0.90
0.97	0.99	036	0.99		0.91		
<b>COILS + 58CV(A,X)070-12 VARIABLE SPEED FURNACE</b>				CK5A/CK5BA	036	0.99	0.91
CC5A/CD5AA	030	0.96	0.92		CK5A/CK5BT	036	0.99
CC5A/CD5AW	036	0.99	0.92	CK5A/CK5BW		036	0.99
	030	0.96	0.92		030	0.96	0.90
	—	—	—	036	0.99	0.91	
				CK5PA	036	0.99	0.92

See notes on pg. 31.

# Detailed cooling capacities\* continued

EVAP AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
CFM	EWB	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
<b>38TZA030-33 Outdoor Section With CK5A/CK5BA036 Indoor Section continued</b>																			
875	72	33.5	16.6	2.19	32.4	16.3	2.43	31.0	15.8	2.69	29.5	15.3	2.99	27.7	14.7	3.32	25.7	14.0	3.69
	67	31.4	21.7	2.17	30.1	21.2	2.41	28.6	20.6	2.67	26.9	19.9	2.95	24.5	19.0	3.26	22.7	17.9	3.61
	63††	28.8	20.9	2.15	26.6	20.0	2.37	24.4	19.0	2.61	22.0	18.0	2.88	20.5	17.4	3.19	18.8	16.7	3.54
	62	28.2	26.0	2.14	26.1	25.0	2.36	24.0	23.9	2.61	22.8	22.8	2.89	21.4	21.4	3.21	19.9	19.9	3.57
	57	26.7	26.7	2.13	25.1	25.1	2.35	23.6	23.6	2.60	22.8	22.8	2.89	21.9	21.9	3.22	20.0	20.0	3.57
1000	72	33.6	17.0	2.24	32.6	16.8	2.48	31.3	16.5	2.74	29.8	16.0	3.04	28.0	15.4	3.37	26.0	14.8	3.75
	67	31.8	22.8	2.22	30.4	22.4	2.46	29.0	21.9	2.72	27.4	21.3	3.01	24.8	20.3	3.32	22.0	19.3	3.66
	63††	29.9	22.5	2.21	27.7	21.6	2.43	25.4	20.6	2.67	22.9	19.5	2.94	21.4	18.9	3.26	19.5	18.1	3.61
	62	29.6	28.3	2.21	27.5	27.2	2.43	25.6	25.6	2.68	24.3	24.3	2.96	22.9	22.9	3.29	21.4	21.4	3.65
	57	28.6	28.6	2.20	26.9	26.9	2.42	25.4	25.4	2.67	24.5	24.5	2.97	23.4	23.4	3.29	21.4	21.4	3.65
1125	72	34.1	17.8	2.30	33.1	17.6	2.54	31.4	17.0	2.79	29.9	16.6	3.09	28.1	16.1	3.42	26.2	15.6	3.81
	67	32.1	23.9	2.28	30.6	23.4	2.50	29.3	23.2	2.77	27.6	22.6	3.06	25.3	21.8	3.38	22.2	20.6	3.72
	63††	30.3	23.8	2.27	28.6	23.0	2.49	26.2	22.0	2.73	23.7	21.0	3.00	22.2	20.4	3.32	20.1	19.4	3.67
	62	30.3	30.0	2.26	29.0	29.0	2.49	27.0	27.0	2.74	25.7	25.7	3.03	24.3	24.3	3.36	21.9	21.9	3.71
	57	30.2	30.2	2.26	28.6	28.6	2.49	27.0	27.0	2.74	26.1	26.1	3.04	24.6	24.6	3.36	21.9	21.9	3.71

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CK5PT	036	0.99	0.92	CK5PW	030	0.97	0.92
CK5PW	030	0.97	0.92	<b>COILS + 58MVP080-14 VARIABLE SPEED FURNACE</b>			
	036	0.99	0.91	CC5A/CD5AW	030	0.97	0.96
<b>COILS + 58CV(A,X)135-22 VARIABLE SPEED FURNACE</b>					036	1.00	0.93
CC5A/CD5AW	036	0.99	0.91	CK5A/CK5BW	030	0.97	0.92
CE3AA	030	0.96	0.90		036	1.00	0.92
	036	0.97	0.91	CK5PW	030	0.97	0.92
CK5A/CK5BW	036	0.99	0.91		036	1.00	0.92
CK5PW	036	0.99	0.91	<b>COILS + 58MVP080-20 VARIABLE SPEED FURNACE</b>			
<b>COILS + 58CV(A,X)155-22 VARIABLE SPEED FURNACE</b>				CC5A/CD5AW	030	0.97	0.96
CC5A/CD5AW	036	0.97	0.89		036	1.00	0.95
CE3AA	030	0.96	0.90	CK5A/CK5BW	030	0.97	0.92
	036	0.97	0.90		036	1.00	0.92
CK5A/CK5BW	036	0.99	0.91	CK5PW	030	0.97	0.92
CK5PW	036	0.99	0.91		036	1.00	0.92
<b>COILS + 58MVP040-14 VARIABLE SPEED FURNACE</b>				<b>COILS + 58MVP100-20 VARIABLE SPEED FURNACE</b>			
CC5A/CD5AW	030	0.97	0.95	CC5A/CD5AW	030	0.97	0.92
	036	1.00	0.94		036	1.00	0.92
CK5A/CK5BW	030	0.97	0.92	CK5A/CK5BW	030	0.97	0.92
	036	1.00	0.92		036	1.00	0.92
CK5PW	030	0.97	0.92	CK5PW	030	0.97	0.92
	036	1.00	0.92		036	1.00	0.92
<b>COILS + 58MVP060-14 VARIABLE SPEED FURNACE</b>				<b>COILS + 58MVP120-20 VARIABLE SPEED FURNACE</b>			
CC5A/CD5AA	036	1.00	0.95	CC5A/CD5AW	036	1.00	0.92
CC5A/CD5AW	030	0.97	0.95	CK5A/CK5BW	036	1.00	0.92
CK3BA	030	0.97	0.95	CK5PW	036	1.00	0.92
	036	1.00	0.94	CK5A/CK5BW	030	0.97	0.92
CK5A/CK5BA	036	1.00	0.94		036	1.00	0.92
CK5A/CK5BW	030	0.97	0.92	CK5PW	030	0.97	0.92
CK5PA	036	1.00	0.94		036	1.00	0.92

See notes on pg. 31.



# Detailed cooling capacities\* continued

EVAP AIR		CONDENSER ENTERING AIR TEMPERATURES °F																		
		75			85			95			105			115			125			
CFM	EWB	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		
<b>38TZA036-34 Outdoor Section With CK5A/CK5BA042 Indoor Section</b>																				
1050	72	40.4	19.9	2.65	39.0	19.5	2.96	37.3	18.9	3.29	35.3	18.2	3.66	33.3	17.6	4.08	30.8	16.8	4.53	
	67	38.2	26.0	2.63	36.3	25.3	2.93	34.5	24.6	3.25	32.5	23.9	3.62	30.4	23.1	4.01	26.5	21.6	4.41	
	63††	35.9	25.7	2.62	34.1	24.9	2.91	32.0	23.9	3.23	29.7	23.0	3.57	26.9	21.8	3.94	23.7	20.4	4.33	
	62	35.4	31.9	2.61	33.4	30.9	2.90	31.4	30.0	3.22	29.2	28.9	3.56	27.2	27.2	3.94	24.7	24.7	4.36	
	57	33.5	33.5	2.59	31.6	31.6	2.87	29.7	29.7	3.19	28.7	28.7	3.55	27.2	27.2	3.94	24.6	24.6	4.35	
1200	72	41.0	20.6	2.72	39.5	20.2	3.02	37.8	19.7	3.36	35.8	19.1	3.73	33.7	18.5	4.15	31.1	17.7	4.61	
	67	38.6	27.4	2.69	36.7	26.6	2.98	35.0	26.1	3.32	33.0	25.5	3.69	30.8	24.7	4.09	26.8	23.2	4.48	
	63††	36.5	27.1	2.68	34.7	26.4	2.98	32.5	25.5	3.29	30.2	24.5	3.64	27.3	23.3	4.00	24.0	21.9	4.40	
	62	36.2	34.2	2.68	34.2	33.2	2.97	32.2	32.1	3.29	30.3	30.3	3.64	28.1	28.1	4.02	25.5	25.5	4.44	
	57	35.7	35.7	2.67	33.7	33.7	2.96	31.8	31.8	3.28	30.7	30.7	3.65	28.4	28.4	4.03	25.6	25.6	4.44	
1350	72	41.3	21.2	2.78	39.8	20.9	3.08	38.1	20.4	3.42	36.1	19.8	3.79	34.0	19.3	4.21	31.4	18.6	4.68	
	67	38.8	28.4	2.75	37.1	27.9	3.05	35.4	27.6	3.38	33.5	27.1	3.75	31.2	26.3	4.15	27.1	24.7	4.55	
	63††	36.9	28.5	2.74	35.2	27.9	3.04	32.9	26.9	3.35	30.5	25.9	3.70	27.6	24.7	4.07	24.3	23.3	4.47	
	62	36.7	35.9	2.73	35.0	34.9	3.03	33.6	33.6	3.37	31.8	31.8	3.73	29.6	29.6	4.11	26.4	26.4	4.53	
	57	36.6	36.6	2.73	35.2	35.2	3.03	33.6	33.6	3.37	31.8	31.8	3.73	29.4	29.4	4.11	26.4	26.4	4.53	

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	0.99	0.92	
	042	1.00	1.00		0.99	0.94		
CC5A/CD5AW	036	1.00	1.00	CK5PA	036	0.99	0.94	
	042	0.99	1.00		0.99	0.93		
CE3AA	036	0.99	1.00	CK5PT	036	0.99	0.94	
	042	1.00	1.00		<b>COILS + 58CV(A,X)090-16 VARIABLE SPEED FURNACE</b>			
CF5AA	036	0.99	1.00	CC5A/CD5AA	036	0.99	0.92	
					042	0.99	0.91	
CK3BA	036	1.00	1.00	CC5A/CD5AW	036	0.99	0.92	
					042	0.99	0.91	
CK5A/CK5BA	036	1.00	1.00	CE3AA	036	0.98	0.92	
	042	1.00	1.00		0.99	0.91		
CK5A/CK5BT	036	1.00	1.00	CK3BA	036	0.99	0.92	
	042	1.00	1.00		0.99	0.91		
CK5A/CK5BW	036	1.00	1.00	CK5A/CK5BA	036	0.99	0.92	
	042	1.00	1.00		0.99	0.91		
CK5PA	036	1.00	1.00	CK5A/CK5BE	042	0.99	0.91	
	042	1.00	1.00		0.99	0.91		
CK5PT	036	1.00	1.00	CK5A/CK5BT	036	0.99	0.92	
	042	1.00	1.00		0.99	0.91		
CK5PW	036	1.00	1.00	CK5A/CK5BW	036	0.99	0.92	
F(A,B)4(A,B)N(F,B,C)	042	1.00	1.00	CK5PA	036	0.99	0.92	
F(A,B)4(A,B)N(F,C)	036	0.97	1.00		0.99	0.92		
FC4(B,C)N(F,B)	042	0.97	0.98	CK5PE	042	0.99	0.91	
FC4(B,C)NB	054	1.00	0.95		CK5PT	036	0.99	0.92
FC4(B,C)NF	036	0.96	1.00	0.99		0.92		
FE4ANB	006	1.02	0.88	CK5PW	036	0.99	0.92	
	002	0.97	0.93		<b>COILS + 58CV(A,X)110-20 VARIABLE SPEED FURNACE</b>			
	003	0.98	0.90		CC5A/CD5AA	036	0.98	0.92
005	1.00	0.88	0.98	0.91				
FG3AAA	036	0.97	0.99	CC5A/CD5AW	036	0.98	0.92	
FK4(C,D)NB	006	1.01	0.87		042	0.97	0.91	
				CE3AA	036	0.97	0.92	
002	0.97	0.93	CK3BA		036	0.99	0.92	
003	0.98	0.90			0.99	0.92		
005	1.00	0.88	CK5A/CK5BA	036	0.99	0.92		
FV4(A,B)NB	006	1.02		0.88	0.99	0.92		
FV4(A,B)NF	002	0.97	0.93	CK5A/CK5BE	042	0.99	0.91	
					CK5A/CK5BT	036	0.99	0.92
						042	0.99	0.92
FX4(A,B)NF	036	0.97	1.00	CK5A/CK5BW	036	0.99	0.92	
					0.97	0.97	0.99	0.92
<b>COILS + 58CV(A,X)070-12 VARIABLE SPEED FURNACE</b>				CK5PA	036	0.99	0.93	
CC5A/CD5AA	036	0.99	0.94		0.99	0.92		
CE3AA	036	0.98	0.94	CK5PE	042	0.99	0.92	
	042	0.99	0.93		CK5PT	036	0.99	0.93
CK3BA	036	0.99	0.94	CK5PW		042	0.99	0.92
					0.99	0.92		
CK5A/CK5BA	036	0.99	0.94	CK5PW	036	0.99	0.92	

See notes on pg. 31.

# Detailed cooling capacities\* continued

EVAP AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
		Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**
CFM	EWB	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡
<b>38TZA036-34 Outdoor Section With CK5A/CK5BA042 Indoor Section continued</b>																			
1050	72	40.4	19.9	2.65	39.0	19.5	2.96	37.3	18.9	3.29	35.3	18.2	3.66	33.3	17.6	4.08	30.8	16.8	4.53
	67	38.2	26.0	2.63	36.3	25.3	2.93	34.5	24.6	3.25	32.5	23.9	3.62	30.4	23.1	4.01	26.5	21.6	4.41
	63††	35.9	25.7	2.62	34.1	24.9	2.91	32.0	23.9	3.23	29.7	23.0	3.57	26.9	21.8	3.94	23.7	20.4	4.33
	62	35.4	31.9	2.61	33.4	30.9	2.90	31.4	30.0	3.22	29.2	28.9	3.56	27.2	27.2	3.94	24.7	24.7	4.36
	57	33.5	33.5	2.59	31.6	31.6	2.87	29.7	29.7	3.19	28.7	28.7	3.55	27.2	27.2	3.94	24.6	24.6	4.35
1200	72	41.0	20.6	2.72	39.5	20.2	3.02	37.8	19.7	3.36	35.8	19.1	3.73	33.7	18.5	4.15	31.1	17.7	4.61
	67	38.6	27.4	2.69	36.7	26.6	2.98	35.0	26.1	3.32	33.0	25.5	3.69	30.8	24.7	4.09	26.8	23.2	4.48
	63††	36.5	27.1	2.68	34.7	26.4	2.98	32.5	25.5	3.29	30.2	24.5	3.64	27.3	23.3	4.00	24.0	21.9	4.40
	62	36.2	34.2	2.68	34.2	33.2	2.97	32.2	32.1	3.29	30.3	30.3	3.64	28.1	28.1	4.02	25.5	25.5	4.44
	57	35.7	35.7	2.67	33.7	33.7	2.96	31.8	31.8	3.28	30.7	30.7	3.65	28.4	28.4	4.03	25.6	25.6	4.44
1350	72	41.3	21.2	2.78	39.8	20.9	3.08	38.1	20.4	3.42	36.1	19.8	3.79	34.0	19.3	4.21	31.4	18.6	4.68
	67	38.8	28.4	2.75	37.1	27.9	3.05	35.4	27.6	3.38	33.5	27.1	3.75	31.2	26.3	4.15	27.1	24.7	4.55
	63††	36.9	28.5	2.74	35.2	27.9	3.04	32.9	26.9	3.35	30.5	25.9	3.70	27.6	24.7	4.07	24.3	23.3	4.47
	62	36.7	35.9	2.73	35.0	34.9	3.03	33.6	33.6	3.37	31.8	31.8	3.73	29.6	29.6	4.11	26.4	26.4	4.53
	57	36.6	36.6	2.73	35.2	35.2	3.03	33.6	33.6	3.37	31.8	31.8	3.73	29.4	29.4	4.11	26.4	26.4	4.53

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
<b>COILS + 58CV(A,X)135-22 VARIABLE SPEED FURNACE</b>				CK3BA	036	0.99	
CC5A/CD5AA	042	0.99	0.91			0.99	0.94
CC5A/CD5AW	036	0.99	0.92	CK5A/CK5BA	036	0.99	
	042	0.98	0.91			0.99	0.94
CE3AA	036	0.98		<b>COILS + 58MVP080-14 VARIABLE SPEED FURNACE</b>			
		0.99	0.91	CC5A/CD5AA	042	0.99	0.93
CK3BA	042	0.99	0.91	CC5A/CD5AW	036	0.99	0.93
CK5A/CK5BA	042	0.99	0.91	CK3BA	042	0.99	0.93
CK5A/CK5BT	042	0.99	0.91	CK5A/CK5BA	042	0.99	0.92
CK5A/CK5BW	036	0.99	0.92	CK5A/CK5BW	036	0.99	0.93
CK5PA	042	0.99	0.91	CK5PA	042	0.99	0.92
CK5PT	042	0.99	0.91	CK5PW	036	0.99	0.93
CK5PW	036	0.99	0.92	<b>COILS + 58MVP080-20 VARIABLE SPEED FURNACE</b>			
<b>COILS + 58CV(A,X)155-22 VARIABLE SPEED FURNACE</b>				CC5A/CD5AA	042	0.99	0.94
CC5A/CD5AA	042	0.99	0.90	CC5A/CD5AW	036	0.99	0.94
CC5A/CD5AW	036	0.99	0.92	CK3BA	042	0.99	0.93
	042	0.98	0.90	CK5A/CK5BA	042	0.99	0.93
CE3AA	036	0.98		CK5A/CK5BW	036	0.99	0.94
		0.99	0.90	CK5PA	042	0.99	0.93
CK3BA	042	0.99	0.90	CK5PW	036	0.99	0.94
CK5A/CK5BA	042	0.99	0.90	<b>COILS + 58MVP100-20 VARIABLE SPEED FURNACE</b>			
CK5A/CK5BT	042	0.99	0.90	CC5A/CD5AA	042	0.99	0.91
CK5A/CK5BW	036	0.99	0.91	CC5A/CD5AW	036	0.99	0.91
CK5PA	042	0.99	0.91	CK3BA	042	0.99	0.91
CK5PT	042	0.99	0.91	CK5A/CK5BA	042	0.99	0.91
CK5PW	036	0.99	0.91	CK5A/CK5BW	036	0.99	0.91
<b>COILS + 58MVP040-14 VARIABLE SPEED FURNACE</b>				CK5PA	042	0.99	0.91
CC5A/CD5AA	042	0.99	0.93	CK5PW	036	0.99	0.91
CC5A/CD5AW	036	0.99	0.94	<b>COILS + 58MVP120-20 VARIABLE SPEED FURNACE</b>			
CK5A/CK5BA	042	0.99	0.93	CC5A/CD5AA	042	0.99	0.91
CK5A/CK5BW	036	0.99	0.94	CC5A/CD5AW	036	0.99	0.92
CK5PA	042	0.99	0.93	CK5A/CK5BA	042	0.99	0.91
CK5PW	036	0.99	0.94	CK5A/CK5BW	036	0.99	0.92
<b>COILS + 58MVP060-14 VARIABLE SPEED FURNACE</b>				CK5PA	042	0.99	0.91
CC5A/CD5AA	036	0.99	0.94	CK5PW	036	0.99	0.92

See notes on pg. 31.

# Detailed cooling capacities\* continued

EVAP AIR		CONDENSER ENTERING AIR TEMPERATURES °F																		
		75			85			95			105			115			125			
		Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	
CFM	EWB	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	
<b>38TZA042-33 Outdoor Section With CK5A/CK5B048 Indoor Section</b>																				
1225	72	46.2	22.9	3.13	44.9	22.5	3.49	42.8	21.8	3.88	40.4	21.0	4.31	37.9	20.2	4.78	35.1	19.3	5.33	
	67	43.8	30.2	3.10	41.7	29.4	3.44	39.5	28.5	3.82	37.1	27.6	4.24	33.5	26.1	4.68	29.4	24.6	5.17	
	63††	38.4	28.3	3.03	35.6	27.1	3.34	32.7	25.9	3.70	31.0	25.2	4.11	29.2	24.4	4.58	25.6	23.0	5.06	
	62	37.9	35.5	3.02	35.2	34.2	3.34	32.7	32.7	3.69	31.3	31.3	4.12	29.8	29.8	4.59	27.7	27.7	5.12	
	57	37.1	37.1	3.00	34.9	34.9	3.33	32.7	32.7	3.70	31.7	31.7	4.13	30.4	30.4	4.61	27.7	27.7	5.12	
1400	72	46.8	23.7	3.21	45.0	23.2	3.56	43.0	22.5	3.95	40.7	21.8	4.38	38.3	21.2	4.87	35.4	20.3	5.41	
	67	44.3	31.8	3.18	42.1	30.8	3.51	40.0	30.2	3.90	37.6	29.4	4.33	33.9	27.9	4.77	29.8	26.4	5.26	
	63††	39.6	30.3	3.11	36.7	29.1	3.43	34.0	27.9	3.79	32.3	27.2	4.21	30.4	26.5	4.68	26.8	24.9	5.16	
	62	39.0	38.1	3.10	36.7	36.7	3.43	35.4	35.4	3.81	34.0	34.0	4.25	32.1	32.1	4.72	28.9	28.9	5.22	
	57	38.6	38.6	3.10	37.4	37.4	3.44	35.2	35.2	3.81	34.1	34.1	4.25	31.9	31.9	4.72	29.1	29.1	5.23	
1575	72	47.3	24.5	3.29	45.6	24.1	3.64	43.5	23.5	4.03	41.1	22.8	4.46	38.6	22.2	4.96	35.7	21.3	5.50	
	67	44.7	33.2	3.25	42.2	32.1	3.58	40.2	31.7	3.97	38.0	31.0	4.40	34.6	29.8	4.85	30.4	28.2	5.35	
	63††	41.8	32.7	3.21	37.9	31.1	3.52	35.1	29.9	3.88	33.4	29.2	4.30	31.1	28.2	4.77	27.0	26.4	5.24	
	62	41.3	41.1	3.20	39.3	39.3	3.54	37.8	37.8	3.93	36.3	36.3	4.36	33.2	33.2	4.82	29.9	29.9	5.33	
	57	41.1	41.1	3.20	39.6	39.6	3.55	37.4	37.4	3.92	36.2	36.2	4.36	33.1	33.1	4.82	30.3	30.3	5.34	

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CC5A/CD5AC	048	0.99	1.00	CE3AA	042	0.98	0.92
CC5A/CD5AW	042	0.99	1.00		048	0.99	0.92
CD5AA	048	1.00	1.00	CK3BA	042	0.98	0.92
		1.00	1.00		048	0.99	0.92
CE3AA	042	0.99	0.99	CK5A/CK5BA	042	0.98	0.92
	048	1.00	1.00		048	0.99	0.92
CF5AA	048	0.99	0.99	CK5A/CK5BE	042	0.99	0.93
CK3BA	042	0.99	0.99	CK5A/CK5BT	042	0.98	0.92
	048	1.00	1.00		048	0.99	0.92
CK5A/CK5BA	042	0.99	0.99	CK5PA	042	0.98	0.92
	048	1.00	1.00		048	0.99	0.92
CK5A/CK5BT	042	0.99	0.99	CK5PE	042	0.99	0.93
	048	1.00	1.00		CK5PT	042	0.98
CK5A/CK5BW	048	1.00	1.00	048		0.99	0.92
	CK5PA	042	0.99	0.99	<b>COILS + 58CV(A,X)110-20 VARIABLE SPEED FURNACE</b>		
048		1.00	1.00	CC5A/CD5AA	042	0.98	0.93
CK5PT	042	0.99	0.99	CC5A/CD5AC	048	0.98	0.93
	048	1.00	1.00	CC5A/CD5AW	042	0.96	0.92
CK5PW	048	1.00	1.00	048	0.99	0.93	
	F(A,B)4(A,B)N(F,B,C)	042	0.99	1.01	CD5AA	048	0.99
FC4(B,C)N(F,B)	048	1.00	1.00	CE3AA	042	0.98	0.92
	042	0.96	1.00		048	0.99	0.93
	048	0.99	1.01	CK3BA	042	0.98	0.93
FC4(B,C)NB	054	1.01	0.97		048	0.99	0.92
FE4ANB	006	1.01	0.89	CK5A/CK5BA	042	0.98	0.93
FE4ANF	003	0.96	0.91		048	0.99	0.93
	005	1.01	0.92	CK5A/CK5BE	042	0.98	0.92
FG3AAA	048	1.00	1.00	CK5A/CK5BT	042	0.98	0.93
FK4(C,D)NB	006	1.01	0.89	048	0.99	0.93	
FK4(C,D)NF	003	0.96	0.91	CK5A/CK5BW	048	0.99	0.92
	005	1.00	0.91		042	0.98	0.93
FV4(A,B)NB	006	1.01	0.89	048	0.99	0.92	
FV4(A,B)NF	003	0.96	0.91	CK5PE	042	0.98	0.92
	005	1.01	0.92		042	0.98	0.93
FX4(A,B)NF	042	0.96	0.98	CK5PT	042	0.98	0.92
	048	0.99	0.99		048	0.99	0.92
<b>COILS + 58CV(A,X)090-16 VARIABLE SPEED FURNACE</b>				<b>COILS + 58CV(A,X)135-22 VARIABLE SPEED FURNACE</b>			
CC5A/CD5AA	042	0.98	0.92	CC5A/CD5AA	042	0.98	0.91
CC5A/CD5AC	048	0.98	0.92	CC5A/CD5AC	048	0.98	0.91
CD5AA	048	0.99	0.92	CC5A/CD5AW	042	0.98	0.92
	—	—	—	048	0.99	0.91	
				CD5AA	048	0.99	0.91

See notes on pg. 31.

# Detailed cooling capacities\* continued

EVAP AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
CFM	EWB	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
<b>38TZA042-33 Outdoor Section With CK5A/CK5B048 Indoor Section continued</b>																			
1225	72	46.2	22.9	3.13	44.9	22.5	3.49	42.8	21.8	3.88	40.4	21.0	4.31	37.9	20.2	4.78	35.1	19.3	5.33
	67	43.8	30.2	3.10	41.7	29.4	3.44	39.5	28.5	3.82	37.1	27.6	4.24	33.5	26.1	4.68	29.4	24.6	5.17
	63††	38.4	28.3	3.03	35.6	27.1	3.34	32.7	25.9	3.70	31.0	25.2	4.11	29.2	24.4	4.58	25.6	23.0	5.06
	62	37.9	35.5	3.02	35.2	34.2	3.34	32.7	32.7	3.69	31.3	31.3	4.12	29.8	29.8	4.59	27.7	27.7	5.12
	57	37.1	37.1	3.00	34.9	34.9	3.33	32.7	32.7	3.70	31.7	31.7	4.13	30.4	30.4	4.61	27.7	27.7	5.12
1400	72	46.8	23.7	3.21	45.0	23.2	3.56	43.0	22.5	3.95	40.7	21.8	4.38	38.3	21.2	4.87	35.4	20.3	5.41
	67	44.3	31.8	3.18	42.1	30.8	3.51	40.0	30.2	3.90	37.6	29.4	4.33	33.9	27.9	4.77	29.8	26.4	5.26
	63††	39.6	30.3	3.11	36.7	29.1	3.43	34.0	27.9	3.79	32.3	27.2	4.21	30.4	26.5	4.68	26.8	24.9	5.16
	62	39.0	38.1	3.10	36.7	36.7	3.43	35.4	35.4	3.81	34.0	34.0	4.25	32.1	32.1	4.72	28.9	28.9	5.22
	57	38.6	38.6	3.10	37.4	37.4	3.44	35.2	35.2	3.81	34.1	34.1	4.25	31.9	31.9	4.72	29.1	29.1	5.23
1575	72	47.3	24.5	3.29	45.6	24.1	3.64	43.5	23.5	4.03	41.1	22.8	4.46	38.6	22.2	4.96	35.7	21.3	5.50
	67	44.7	33.2	3.25	42.2	32.1	3.58	40.2	31.7	3.97	38.0	31.0	4.40	34.6	29.8	4.85	30.4	28.2	5.35
	63††	41.8	32.7	3.21	37.9	31.1	3.52	35.1	29.9	3.88	33.4	29.2	4.30	31.1	28.2	4.77	27.0	26.4	5.24
	62	41.3	41.1	3.20	39.3	39.3	3.54	37.8	37.8	3.93	36.3	36.3	4.36	33.2	33.2	4.82	29.9	29.9	5.33
	57	41.1	41.1	3.20	39.6	39.6	3.55	37.4	37.4	3.92	36.2	36.2	4.36	33.1	33.1	4.82	30.3	30.3	5.34

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CE3AA	042	0.98	0.91	<b>COILS + 58MVP060-14 VARIABLE SPEED FURNACE</b>			
	048	0.99	0.92	CK3BA	042	0.98	0.94
CK3BA	042	0.98	0.91	CK5A/CK5BE	042	0.99	0.96
	048	0.99	0.91	CK5PE	042	0.99	0.96
CK5A/CK5BA	042	0.98	0.91	<b>COILS + 58MVP080-14 VARIABLE SPEED FURNACE</b>			
	048	0.99	0.91	CC5A/CD5AA	042	0.98	0.93
CK5A/CK5BT	042	0.98	0.91	CC5A/CD5AC	048	0.98	0.94
	048	0.99	0.91	CD5AA	048	0.99	0.94
CK5A/CK5BW	048	0.99	0.91	CK3BA	042	0.98	0.93
	CK5PA	042	0.98		0.91	048	0.99
CK5PT		042	0.98	0.91	CK5A/CK5BA	042	0.98
	048	0.99	0.91	048		0.99	0.93
CK5PW	048	0.99	0.91	CK5PA	042	0.98	0.93
	048	0.99	0.91		048	0.99	0.93
<b>COILS + 58CV(A,X)155-22 VARIABLE SPEED FURNACE</b>				<b>COILS + 58MVP080-20 VARIABLE SPEED FURNACE</b>			
CC5A/CD5AA	042	0.98	0.91	CC5A/CD5AA	042	0.98	0.94
CC5A/CD5AC	048	0.98	0.90	CC5A/CD5AC	048	0.98	0.95
CC5A/CD5AW	042	0.98	0.92	CD5AA	048	0.99	0.95
	048	0.99	0.91		CK3BA	042	0.98
CD5AA	048	0.99	0.91	048	0.99	0.94	
CE3AA	042	0.98	0.90	CK5A/CK5BA	042	0.98	0.94
	048	0.99	0.91		048	0.99	0.94
CK3BA	042	0.98	0.91	CK5PA	042	0.98	0.94
	048	0.99	0.91		048	0.99	0.94
CK5A/CK5BA	042	0.98	0.91	<b>COILS + 58MVP100-20 VARIABLE SPEED FURNACE</b>			
	048	0.99	0.91	CC5A/CD5AA	042	0.98	0.92
CK5A/CK5BT	042	0.98	0.91	CC5A/CD5AC	048	0.98	0.93
	048	0.99	0.91	CD5AA	048	0.99	0.92
CK5A/CK5BW	048	0.99	0.91	CK3BA	042	0.98	0.92
	CK5PA	042	0.98		0.91	048	0.99
CK5PT		042	0.98	0.91	CK5A/CK5BA	042	0.98
	048	0.99	0.91	048		0.99	0.92
CK5PW	048	0.99	0.91	CK5PA	042	0.98	0.92
	048	0.99	0.91		048	0.99	0.92
<b>COILS + 58MVP040-14 VARIABLE SPEED FURNACE</b>				<b>COILS + 58MVP120-20 VARIABLE SPEED FURNACE</b>			
CC5A/CD5AA	042	0.98	0.94	CC5A/CD5AA	042	0.98	0.92
CC5A/CD5AW	048	0.99	0.95	CC5A/CD5AW	048	0.99	0.92
CK5A/CK5BA	042	0.98	0.94	CK5A/CK5BA	042	0.98	0.92
CK5A/CK5BW	048	0.99	0.94	CK5A/CK5BW	048	0.99	0.92
CK5PA	042	0.98	0.94	CK5PA	042	0.98	0.92
CK5PW	048	0.99	0.94	CK5PW	048	0.99	0.92

See notes on pg. 31.

# Detailed cooling capacities\* continued

EVAP AIR		CONDENSER ENTERING AIR TEMPERATURES °F																		
		75			85			95			105			115			125			
CFM	EWB	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		
<b>38TZA048, 33 Outdoor Section With CK5A/CK5BA060 Indoor Section</b>																				
1400	72	53.9	26.9	3.58	51.7	26.2	3.98	49.2	25.4	4.42	46.4	24.5	4.90	43.6	23.6	5.45	40.3	22.5	6.07	
	67	50.4	35.1	3.52	48.0	34.2	3.90	45.4	33.2	4.34	42.8	32.3	4.82	39.5	31.1	5.35	34.7	29.2	5.90	
	63††	47.3	34.5	3.48	44.9	33.5	3.85	42.4	32.4	4.28	38.8	30.9	4.73	34.8	29.2	5.22	30.0	27.2	5.75	
	62	46.7	43.1	3.46	44.4	42.0	3.84	41.7	40.7	4.26	39.0	39.0	4.73	36.0	36.0	5.25	32.3	32.3	5.82	
	57	45.4	45.4	3.44	42.8	42.8	3.82	40.1	40.1	4.23	38.4	38.4	4.72	35.5	35.5	5.24	32.3	32.3	5.83	
1600	72	54.1	27.7	3.66	52.0	27.0	4.06	49.6	26.4	4.50	47.1	25.7	5.01	44.2	24.9	5.56	40.6	23.8	6.18	
	67	50.8	36.8	3.60	48.6	36.2	3.99	46.0	35.4	4.43	43.4	34.5	4.92	40.1	33.4	5.45	35.2	31.5	6.01	
	63††	47.9	36.4	3.55	45.7	35.6	3.95	43.1	34.5	4.37	39.3	33.0	4.82	35.2	31.3	5.31	30.3	29.2	5.84	
	62	47.7	46.2	3.56	45.4	45.0	3.94	43.0	43.0	4.37	40.4	40.4	4.85	37.2	37.2	5.37	33.3	33.3	5.95	
	57	47.4	47.4	3.55	44.9	44.9	3.93	43.3	43.3	4.38	41.0	41.0	4.86	37.8	37.8	5.38	34.1	34.1	5.96	
1800	72	54.7	28.7	3.75	52.6	28.1	4.15	50.3	27.7	4.60	47.4	26.8	5.09	44.4	26.1	5.64	40.9	25.0	6.28	
	67	51.3	38.6	3.69	49.1	38.2	4.08	46.5	37.4	4.51	43.8	36.6	5.00	40.6	35.5	5.55	35.7	33.7	6.11	
	63††	48.4	38.2	3.64	46.2	37.6	4.03	43.6	36.6	4.46	40.1	35.1	4.92	35.6	33.2	5.40	30.8	30.8	5.94	
	62	48.7	48.6	3.65	46.4	46.4	4.03	44.4	44.4	4.47	42.2	42.2	4.97	38.5	38.5	5.49	34.4	34.4	6.07	
	57	48.5	48.5	3.64	46.4	46.4	4.03	44.3	44.3	4.47	42.2	42.2	4.97	39.6	39.6	5.51	35.2	35.2	6.09	

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	060	0.98	1.00	CE3AA	048	0.97	0.95
CC5A/CD5AC	048	0.96	0.99		060	0.98	0.93
CC5A/CD5AW	048	0.98	1.00	CK3BA	048	0.97	0.95
	060	1.01	1.02	CK5A/CK5BA	048	0.97	0.95
CD5AA	048	0.98	1.00	CK5A/CK5BT	048	0.97	0.95
CE3AA	048	0.98	0.99	CK5PA	048	0.97	0.95
	060	1.00	1.00	CK5PT	048	0.97	0.95
CF5AA	048	0.96	0.98	<b>COILS + 58CV(A,X)110-20 VARIABLE SPEED FURNACE</b>			
CK3BA	048	0.98	1.00	CC5A/CD5AA	060	0.97	0.95
	060	1.00	1.00	CC5A/CD5AC	048	0.95	0.95
CK5A/CK5BA	048	0.98	1.00	CC5A/CD5AW	048	0.97	0.95
	060	1.00	1.00	CD5AA	048	0.97	0.95
CK5A/CK5BT	048	0.98	1.00	CD5PX	060	0.99	0.94
	060	1.00	1.00	CE3AA	048	0.97	0.95
CK5A/CK5BW	048	0.98	1.00		060	0.98	0.93
	CK5A/CK5BX	060	1.01	1.00	CK3BA	048	0.97
CK5PA		048	0.98	1.00		060	0.98
	CK5PT	048	0.98	1.00	CK5A/CK5BA	048	0.97
060		1.00	1.00	060	0.98	0.93	
CK5PW	048	0.98	1.00	CK5A/CK5BT	048	0.97	0.95
	060	1.00	1.00	060	0.98	0.93	
CK5PX	060	1.01	1.00	CK5A/CK5BW	048	0.97	0.94
F(A,B)4(A,B)N(F,B,C)	048	0.98	1.01	CK5A/CK5BX	060	0.99	0.93
	060	1.00	1.03	CK5PA	048	0.97	0.95
FB4(A,B)NB	070	1.01	1.01		060	0.98	0.93
FC4(B,C)N(F,B)	048	0.97	1.01	CK5PT	048	0.97	0.95
	060	0.98	1.02		060	0.98	0.93
FC4(B,C)NB	054	0.98	0.98	CK5PW	048	0.97	0.94
	070	1.00	1.01	CK5PX	060	0.99	0.93
FE4ANB	006	1.00	0.92	<b>COILS + 58CV(A,X)135-22 VARIABLE SPEED FURNACE</b>			
FE4ANF	005	0.98	0.92	CC5A/CD5AA	060	0.97	0.93
FG3AAA	048	0.96	0.98	CC5A/CD5AC	048	0.96	0.93
	060	0.98	0.99	CC5A/CD5AW	048	0.97	0.94
FK4(C,D)NB	006	1.00	0.92		060	0.99	0.93
FK4(C,D)NF	005	0.98	0.92	CD5AA	048	0.97	0.93
FV4(A,B)NB	006	1.00	0.92	CE3AA	048	0.97	0.94
FV4(A,B)NF	005	0.98	0.92		060	0.98	0.92
FX4(A,B)NB	060	0.99	1.00	CK3BA	048	0.97	0.94
FX4(A,B)NF	048	0.98	1.00		060	0.98	0.92
<b>COILS + 58CV(A,X)090-16 VARIABLE SPEED FURNACE</b>				CK5A/CK5BA	048	0.97	0.94
CC5A/CD5AC	048	0.95	0.94		060	0.98	0.92
CD5AA	048	0.97	0.95		—	—	—

See notes on pg. 31.

# Detailed cooling capacities\* continued

EVAP AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
CFM	EWB	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**	Capacity MBtu/h†		Total Sys kW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
<b>38TZA048-33 Outdoor Section With CK5A/CK5BA060 Indoor Section continued</b>																			
1400	72	53.9	26.9	3.58	51.7	26.2	3.98	49.2	25.4	4.42	46.4	24.5	4.90	43.6	23.6	5.45	40.3	22.5	6.07
	67	50.4	35.1	3.52	48.0	34.2	3.90	45.4	33.2	4.34	42.8	32.3	4.82	39.5	31.1	5.35	34.7	29.2	5.90
	63††	47.3	34.5	3.48	44.9	33.5	3.85	42.4	32.4	4.28	38.8	30.9	4.73	34.8	29.2	5.22	30.0	27.2	5.75
	62	46.7	43.1	3.46	44.4	42.0	3.84	41.7	40.7	4.26	39.0	39.0	4.73	36.0	36.0	5.25	32.3	32.3	5.82
57	45.4	45.4	3.44	42.8	42.8	3.82	40.1	40.1	4.23	38.4	38.4	4.72	35.5	35.5	5.24	32.3	32.3	5.83	
1600	72	54.1	27.7	3.66	52.0	27.0	4.06	49.6	26.4	4.50	47.1	25.7	5.01	44.2	24.9	5.56	40.6	23.8	6.18
	67	50.8	36.8	3.60	48.6	36.2	3.99	46.0	35.4	4.43	43.4	34.5	4.92	40.1	33.4	5.45	35.2	31.5	6.01
	63††	47.9	36.4	3.55	45.7	35.6	3.95	43.1	34.5	4.37	39.3	33.0	4.82	35.2	31.3	5.31	30.3	29.2	5.84
	62	47.7	46.2	3.56	45.4	45.0	3.94	43.0	43.0	4.37	40.4	40.4	4.85	37.2	37.2	5.37	33.3	33.3	5.95
57	47.4	47.4	3.55	44.9	44.9	3.93	43.3	43.3	4.38	41.0	41.0	4.86	37.8	37.8	5.38	34.1	34.1	5.96	
1800	72	54.7	28.7	3.75	52.6	28.1	4.15	50.3	27.7	4.60	47.4	26.8	5.09	44.4	26.1	5.64	40.9	25.0	6.28
	67	51.3	38.6	3.69	49.1	38.2	4.08	46.5	37.4	4.51	43.8	36.6	5.00	40.6	35.5	5.55	35.7	33.7	6.11
	63††	48.4	38.2	3.64	46.2	37.6	4.03	43.6	36.6	4.46	40.1	35.1	4.92	35.6	33.2	5.40	30.8	30.8	5.94
	62	48.7	48.6	3.65	46.4	46.4	4.03	44.4	44.4	4.47	42.2	42.2	4.97	38.5	38.5	5.49	34.4	34.4	6.07
57	48.5	48.5	3.64	46.4	46.4	4.03	44.3	44.3	4.47	42.2	42.2	4.97	39.6	39.6	5.51	35.2	35.2	6.09	

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CK5A/CK5BT	048	0.97	0.94	CK5A/CK5BA	048	0.97	0.97
	060	0.98	0.92		048	0.97	0.97
CK5A/CK5BW	048	0.97	0.94	<b>COILS + 58MVP080-20 VARIABLE SPEED FURNACE</b>			
CK5A/CK5BX	060	0.99	0.91	CC5A/CD5AW	060	0.99	0.98
CK5PA	048	0.97	0.93	CK3BA	048	0.97	0.98
	060	0.98	0.92		060	0.98	0.97
CK5PT	048	0.97	0.93	CK5A/CK5BA	060	0.98	0.97
	060	0.98	0.92	CK5A/CK5BX	060	1.00	0.97
CK5PW	048	0.97	0.93	CK5PA	060	0.98	0.97
CK5PX	060	0.99	0.91	CK5PX	060	1.00	0.97
<b>COILS + 58CV(A,X)155-22 VARIABLE SPEED FURNACE</b>				<b>COILS + 58MVP100-20 VARIABLE SPEED FURNACE</b>			
CC5A/CD5AA	060	0.98	0.93	CC5A/CD5AA	060	0.97	0.95
CC5A/CD5AC	048	0.96	0.93	CC5A/CD5AC	048	0.96	0.96
CC5A/CD5AW	048	0.97	0.92	CC5A/CD5AW	060	0.99	0.95
	060	0.99	0.92	CD5AA	048	0.97	0.95
CD5AA	048	0.97	0.92	CK3BA	048	0.97	0.95
CE3AA	048	0.97	0.93		060	0.98	0.97
CK3BA	048	0.97	0.93	CK5A/CK5BA	048	0.97	0.95
	060	0.98	0.91		060	0.98	0.94
CK5A/CK5BA	048	0.97	0.93	CK5A/CK5BX	060	1.00	0.95
	060	0.98	0.91		CK5PA	048	0.97
CK5A/CK5BT	048	0.97	0.93	060		0.98	0.94
	060	0.98	0.91		060	1.00	0.95
<b>COILS + 58MVP120-20 VARIABLE SPEED FURNACE</b>				<b>COILS + 58MVP080-14 VARIABLE SPEED FURNACE</b>			
CK5A/CK5BW	048	0.97	0.93	CC5A/CD5AA	060	0.97	0.95
CK5A/CK5BX	060	0.99	0.91	CC5A/CD5AW	048	0.98	0.96
	CK5PA	048	0.97		0.93	060	0.99
060		0.98	0.91	CK3BA	060	0.98	0.96
CK5PT	048	0.97	0.93	CK5A/CK5BA	060	0.98	0.94
	060	0.98	0.91	CK5A/CK5BW	048	0.97	0.94
CK5PW	048	0.97	0.93	CK5A/CK5BX	060	1.00	0.94
CK5PX	060	0.99	0.91	CK5PA	060	0.98	0.94
<b>COILS + 58MVP080-14 VARIABLE SPEED FURNACE</b>				CK5PW	048	0.97	0.94
CD5AA	048	0.97	0.97	CK5PX	060	1.00	0.94
CK3BA	048	0.97	0.97		—	—	—

See notes on pg. 31.

# Detailed cooling capacities\* continued

EVAP AIR		CONDENSER ENTERING AIR TEMPERATURES °F																							
		75				85				95				105				115				125			
		Capacity MBtuh†		Total Sys kW**	Capacity MBtuh†		Total Sys kW**	Capacity MBtuh†		Total Sys kW**	Capacity MBtuh†		Total Sys kW**	Capacity MBtuh†		Total Sys kW**	Capacity MBtuh†		Total Sys kW**						
CFM	EWB	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡						
<b>38TZA060-33 Outdoor Section With CK5A/CK5BA060 Indoor Section</b>																									
1600	72	66.5	32.5	4.51	64.0	31.7	5.03	61.2	30.7	5.60	57.9	29.6	6.25	54.3	28.3	6.97	50.2	27.0	7.76						
	67	62.4	41.9	4.44	59.6	40.8	4.95	56.4	39.5	5.50	53.0	38.2	6.13	49.5	36.9	6.83	43.3	34.5	7.53						
	63††	55.7	39.9	4.33	52.2	38.3	4.81	48.5	36.7	5.34	46.5	35.9	5.97	43.7	34.7	6.66	38.4	32.5	7.35						
	62	54.4	49.4	4.31	51.0	47.8	4.79	47.5	46.1	5.32	45.7	45.1	5.95	43.7	43.7	6.66	39.9	39.9	7.41						
	57	51.3	51.3	4.25	48.4	48.4	4.74	47.0	47.0	5.30	45.4	45.4	5.94	43.4	43.4	6.65	39.6	39.6	7.40						
1800	72	67.2	33.5	4.60	64.8	32.7	5.12	61.9	31.8	5.70	58.6	30.8	6.35	54.6	29.4	7.03	50.5	28.1	7.82						
	67	62.9	43.6	4.52	60.1	42.6	5.02	57.0	41.5	5.59	53.7	40.3	6.22	50.1	39.1	6.92	44.0	36.7	7.64						
	63††	58.6	42.9	4.46	55.0	41.3	4.94	51.2	39.7	5.47	49.2	38.8	6.11	44.4	36.8	6.76	39.2	34.7	7.47						
	62	57.5	53.4	4.44	54.0	51.7	4.92	50.6	50.0	5.46	48.8	48.8	6.10	45.6	45.6	6.79	41.6	41.6	7.55						
	57	54.7	54.7	4.39	51.8	51.8	4.88	50.2	50.2	5.45	48.5	48.5	6.10	45.6	45.6	6.79	41.6	41.6	7.55						
2000	72	67.6	34.3	4.68	65.3	33.7	5.21	62.4	32.9	5.79	58.6	31.6	6.42	55.0	30.5	7.13	50.9	29.2	7.92						
	67	63.6	45.4	4.61	60.7	44.5	5.12	57.6	43.5	5.68	54.3	42.4	6.32	50.7	41.2	7.02	44.4	38.8	7.74						
	63††	60.3	45.2	4.56	57.2	43.9	5.06	53.8	42.5	5.60	50.5	41.1	6.23	45.1	38.9	6.86	39.9	36.7	7.57						
	62	59.7	57.0	4.55	56.7	55.4	5.05	53.4	53.4	5.60	51.2	51.2	6.24	47.2	47.2	6.92	43.1	43.1	7.69						
	57	57.8	57.8	4.52	55.1	55.1	5.02	53.2	53.2	5.59	51.2	51.2	6.24	47.4	47.4	6.92	43.3	43.3	7.69						

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	0.99	CK5A/CK5BX	060	1.02	0.99
CC5A/CD5AW	060	1.02	1.02	CK5PA	060	1.02	1.00
CD5PX	060	1.03	1.02	CK5PT	060	1.02	1.00
CE3AA	060	1.00	1.00	CK5PX	060	1.02	0.99
CK3BA	060	1.00	1.00	<b>COILS + 58CV(A,X)135-22 VARIABLE SPEED FURNACE</b>			
CK5A/CK5BA	060	1.00	1.00	CC5A/CD5AA	060	0.98	0.98
CK5A/CK5BT	060	1.00	1.00	CC5A/CD5AW	060	1.02	0.99
CK5A/CK5BX	060	1.02	1.00	CE3AA	060	1.02	0.98
CK5PA	060	1.00	1.00	CK3BA	060	1.02	0.99
CK5PT	060	1.00	1.00	CK5A/CK5BA	060	1.02	0.99
CK5PX	060	1.02	1.00	CK5A/CK5BT	060	1.02	0.99
F(A,B)4(A,B)N(F,B,C)	060	1.00	1.03	CK5A/CK5BX	060	1.02	0.97
FB4(A,B)NB	070	1.02	1.01	CK5PA	060	1.02	0.99
FC4(B,C)N(F,B)	060	1.00	1.04	CK5PT	060	1.02	0.99
FC4(B,C)NB	070	1.02	1.02	CK5PX	060	1.02	0.97
FE4ANB	006	1.02	0.97	<b>COILS + 58CV(A,X)155-22 VARIABLE SPEED FURNACE</b>			
FG3AAA	060	0.98	0.99	CC5A/CD5AA	060	0.98	0.97
FK4(C,D)NB	006	1.02	0.97	CC5A/CD5AW	060	1.00	
FV4(A,B)NB	006	1.02	0.97	CD5PX	060	1.03	0.98
FX4(A,B)NB	060	0.98	0.99	CE3AA	060	1.02	0.97
<b>COILS + 58CV(A,X)110-20 VARIABLE SPEED FURNACE</b>				CK3BA	060	1.02	0.98
CC5A/CD5AA	060	0.98	1.00	CK5A/CK5BA	060	1.02	0.98
CD5PX	060	1.03	1.01	CK5A/CK5BT	060	1.02	0.98
CE3AA	060	1.02	1.00	CK5A/CK5BX	060	1.02	0.97
CK3BA	060	1.02	1.00	CK5PA	060	1.02	0.98
CK5A/CK5BA	060	1.02	1.00	CK5PT	060	1.02	0.98
CK5A/CK5BT	060	1.02	1.00	CK5PX	060	1.02	0.97

NOTE: When data required fall between 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 Btuh (245 kW) per 1000 CFM (480 L/S) of indoor coil air for each degree below 80°F (27°C), or add 835 Btuh (245 kW) per 1000 CFM (480 L/S) of indoor coil air per degree above 80°F (27°C).

\*\* Total system kW is total of indoor and outdoor unit kilowatts.

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

# Condenser only ratings\*

SST °F		CONDENSER ENTERING AIR TEMPERATURES °F							
		55	65	75	85	95	105	115	125
<b>38TZA018-33</b>									
30	TCG	16.0	15.1	14.3	13.4	12.4	11.5	10.5	9.50
	SDT	67.7	77.4	87.0	96.7	106.4	116.1	125.8	135.2
	KW	0.80	0.92	1.06	1.21	1.38	1.56	1.76	1.97
35	TCG	17.6	16.6	15.7	14.8	13.8	12.8	11.7	10.6
	SDT	68.7	78.3	88.0	97.6	107.2	116.8	126.4	135.8
	KW	0.81	0.92	1.06	1.22	1.39	1.57	1.77	1.99
40	TCG	19.3	18.3	17.3	16.2	15.2	14.1	13.0	11.8
	SDT	69.8	79.4	89.0	98.6	108.1	117.7	127.2	136.6
	KW	0.82	0.93	1.07	1.23	1.40	1.58	1.79	2.00
45	TCG	21.1	20.0	18.9	17.8	16.7	15.5	14.3	13.0
	SDT	71.0	80.6	90.1	99.7	109.2	118.6	128.1	137.4
	KW	0.83	0.95	1.08	1.24	1.41	1.59	1.80	2.02
50	TCG	23.0	21.8	20.6	19.5	18.3	17.0	15.7	14.3
	SDT	72.3	81.8	91.3	100.8	110.3	119.7	129.1	138.3
	KW	0.84	0.96	1.09	1.25	1.42	1.61	1.81	2.03
55	TCG	25.0	23.8	22.5	21.2	19.9	18.6	17.2	15.7
	SDT	73.7	83.1	92.6	102.0	111.4	120.8	130.1	139.3
	KW	0.85	0.97	1.11	1.26	1.44	1.62	1.83	2.05
<b>38TZA024-34</b>									
30	TCG	21.6	20.0	18.4	16.7	14.8	12.7	10.4	7.8
	SDT	71.0	80.3	89.5	98.8	107.9	117.0	126.0	134.8
	KW	0.96	1.12	1.29	1.48	1.68	1.88	2.08	2.27
35	TCG	24.0	22.4	20.7	18.9	17.0	14.9	12.6	10.1
	SDT	72.7	81.9	91.1	100.4	109.6	118.6	127.6	136.4
	KW	0.99	1.14	1.32	1.52	1.73	1.94	2.15	2.37
40	TCG	29.5	24.9	23.2	21.3	19.4	17.3	15.0	12.4
	SDT	74.5	83.7	92.8	102.0	111.2	120.4	129.3	138.2
	KW	1.00	1.18	1.36	1.55	1.77	2.0	2.23	2.46
45	TCG	32.3	29.0	26.0	23.9	22.0	19.9	17.6	15.0
	SDT	76.1	85.3	94.5	103.7	112.9	121.9	130.8	139.6
	KW	1.02	1.20	1.39	1.60	1.82	2.05	2.29	2.54
50	TCG	37.7	35.9	30.0	27.2	24.8	22.6	20.3	17.9
	SDT	77.7	86.7	95.9	105.1	114.2	123.2	132.1	140.8
	KW	1.03	1.21	1.41	1.62	1.87	2.12	2.37	2.63
55	TCG	45.2	38.8	34.9	31.2	28.4	25.9	23.4	20.8
	SDT	79.1	88.4	97.5	106.5	115.5	124.5	133.3	142.0
	KW	1.04	1.23	1.43	1.64	1.89	2.14	2.42	2.71
<b>38TZA030-33</b>									
30	TCG	26.7	25.3	23.8	22.4	21.0	19.5	18.0	16.4
	SDT	71.2	80.9	90.6	100.0	110.0	120.0	129.0	139.0
	KW	1.41	1.59	1.80	2.04	2.30	2.59	2.91	3.26
35	TCG	29.3	27.8	26.2	24.6	23.0	21.4	19.8	18.0
	SDT	72.5	82.1	91.8	101.0	111.0	121.0	130.0	140.0
	KW	1.42	1.60	1.81	2.05	2.31	2.60	2.92	3.27
40	TCG	32.1	30.4	28.7	27.0	25.2	23.5	21.7	19.8
	SDT	73.9	83.4	93.0	103.0	112.0	122.0	131.0	141.0
	KW	1.43	1.62	1.83	2.06	2.32	2.61	2.93	3.28
45	TCG	35.0	33.2	31.4	29.5	27.6	25.7	23.7	21.6
	SDT	75.4	84.8	94.4	104.0	114.0	123.0	133.0	142.0
	KW	1.45	1.63	1.84	2.08	2.34	2.63	2.94	3.29
50	TCG	38.2	36.2	34.2	32.2	30.1	28.0	25.9	23.6
	SDT	77.0	86.4	95.8	105.0	115.0	124.0	134.0	143.0
	KW	1.47	1.65	1.86	2.09	2.36	2.65	2.96	3.31
55	TCG	41.5	39.3	37.2	35.0	32.8	30.5	28.1	25.6
	SDT	78.7	88.0	97.3	107.0	116.0	126.0	135.0	144.0
	KW	1.49	1.67	1.88	2.11	2.38	2.67	2.98	3.33

See notes on pg. 34.



# Condenser only ratings\* continued

SST °F		CONDENSER ENTERING AIR TEMPERATURES °F							
		55	65	75	85	95	105	115	125
<b>38TZA036-34</b>									
30	TCG	32.6	30.9	29.0	27.1	25.2	23.1	21.0	18.7
	SDT	74.9	84.4	94.1	104.0	113.0	122.0	132.0	141.0
	KW	1.69	1.93	2.19	2.48	2.78	3.10	3.43	3.76
35	TCG	35.7	33.8	31.9	29.8	27.7	25.6	23.3	20.8
	SDT	76.4	85.9	95.5	105.0	115.0	124.0	133.0	142.0
	KW	1.70	1.94	2.20	2.50	2.81	3.13	3.48	3.83
40	TCG	39.0	37.0	34.9	32.7	30.5	28.1	25.7	23.0
	SDT	78.1	87.5	97.1	107.0	116.0	125.0	134.0	143.0
	KW	1.71	1.95	2.22	2.51	2.83	3.17	3.52	3.89
45	TCG	42.5	40.3	38.1	35.8	33.3	30.8	28.2	25.4
	SDT	79.9	89.3	98.7	108.0	118.0	127.0	136.0	145.0
	KW	1.72	1.96	2.23	2.53	2.86	3.20	3.57	3.94
50	TCG	46.1	43.8	41.4	39.0	36.4	33.7	30.8	27.8
	SDT	81.8	91.1	100.0	110.0	119.0	128.0	137.0	146.0
	KW	1.73	1.97	2.25	2.55	2.88	3.24	3.61	3.99
55	TCG	50.0	47.5	45.0	42.3	39.6	36.6	33.6	30.3
	SDT	83.8	93.0	102.0	112.0	121.0	130.0	139.0	148.0
	KW	1.74	1.99	2.27	2.57	2.91	3.27	3.64	4.04
<b>38TZA042-33</b>									
30	TCG	37.4	35.4	33.3	31.3	29.2	27.1	25.0	22.6
	SDT	74.9	84.4	94.0	104.0	113.0	123.0	132.0	141.0
	KW	1.94	2.21	2.51	2.84	3.22	3.63	4.08	4.58
35	TCG	41.0	38.8	36.6	34.3	32.1	29.8	27.4	24.8
	SDT	76.6	86.0	95.5	105.0	115.0	124.0	133.0	142.0
	KW	1.98	2.24	2.54	2.88	3.25	3.66	4.11	4.61
40	TCG	44.7	42.3	39.9	37.5	35.0	32.5	29.9	27.1
	SDT	78.4	87.7	97.0	107.0	116.0	125.0	134.0	144.0
	KW	2.01	2.28	2.58	2.92	3.29	3.70	4.15	4.65
45	TCG	48.7	46.1	43.6	40.9	38.2	35.5	32.6	29.5
	SDT	80.3	89.4	98.7	108.0	118.0	127.0	136.0	145.0
	KW	2.06	2.32	2.62	2.96	3.34	3.75	4.20	4.69
50	TCG	52.9	50.2	47.4	44.5	41.6	38.6	35.5	32.1
	SDT	82.3	91.3	101.0	110.0	119.0	128.0	137.0	146.0
	KW	2.11	2.37	2.67	3.01	3.39	3.80	4.25	4.73
55	TCG	57.3	54.4	51.4	48.3	45.2	41.8	38.4	34.7
	SDT	84.4	93.4	102.0	112.0	121.0	130.0	139.0	147.0
	KW	2.16	2.43	2.73	3.06	3.44	3.86	4.30	4.78
<b>38TZA048-33</b>									
30	TCG	43.2	40.8	38.5	36.2	33.8	31.4	28.9	26.2
	SDT	77.6	87.0	96.5	106.0	115.0	125.0	134.0	143.0
	KW	2.18	2.48	2.82	3.20	3.61	4.08	4.58	5.14
35	TCG	47.2	44.7	42.2	39.6	37.0	34.4	31.6	28.7
	SDT	79.4	88.7	98.2	108.0	117.0	126.0	136.0	145.0
	KW	2.23	2.53	2.86	3.25	3.66	4.12	4.63	5.19
40	TCG	51.5	48.8	46.0	43.3	40.4	37.6	34.5	31.3
	SDT	81.4	90.6	99.9	109.0	119.0	128.0	137.0	146.0
	KW	2.28	2.58	2.92	3.30	3.72	4.18	4.68	5.23
45	TCG	56.0	53.1	50.1	47.1	44.0	40.9	37.6	34.0
	SDT	83.5	92.6	102.0	111.0	120.0	130.0	139.0	147.0
	KW	2.34	2.64	2.97	3.35	3.78	4.24	4.74	5.29
50	TCG	60.8	57.7	54.4	51.2	47.8	44.4	40.8	36.9
	SDT	85.7	94.7	104.0	113.0	122.0	131.0	140.0	149.0
	KW	2.40	2.70	3.04	3.42	3.84	4.30	4.80	5.34
55	TCG	65.8	62.5	59.1	55.5	51.8	48.0	44.2	39.9
	SDT	88.1	96.9	106.0	115.0	124.0	133.0	142.0	150.0
	KW	2.47	2.77	3.11	3.49	3.91	4.38	4.87	5.40

See notes on pg. 34.

# Condenser only ratings\* continued

SST °F		CONDENSER ENTERING AIR TEMPERATURES °F							
		55	65	75	85	95	105	115	125
<b>38TZA060-33</b>									
30	TCG	53.4	50.5	47.6	44.7	41.8	38.8	35.7	32.5
	SDT	77.9	87.5	97.1	107.0	116.0	126.0	135.0	144.0
	KW	2.79	3.18	3.61	4.10	4.64	5.23	5.88	6.60
35	TCG	58.4	55.2	52.1	48.9	45.7	42.5	39.1	35.5
	SDT	79.8	89.2	98.8	108.0	118.0	127.0	137.0	146.0
	KW	2.85	3.24	3.67	4.16	4.71	5.30	5.95	6.66
40	TCG	63.7	60.3	56.9	53.4	49.9	46.4	42.7	38.7
	SDT	81.8	91.1	101.0	110.0	120.0	129.0	138.0	147.0
	KW	2.92	3.30	3.74	4.23	4.78	5.37	6.02	6.72
45	TCG	69.3	65.6	62.0	58.2	54.4	50.5	46.4	42.1
	SDT	83.9	93.1	102.0	112.0	121.0	131.0	140.0	149.0
	KW	2.99	3.37	3.81	4.30	4.85	5.45	6.10	6.80
50	TCG	75.2	71.3	67.3	63.3	59.1	54.8	50.4	45.6
	SDT	86.1	95.3	105.0	114.0	123.0	132.0	141.0	150.0
	KW	3.06	3.45	3.89	4.38	4.93	5.54	6.18	6.88
55	TCG	81.4	77.2	72.9	68.5	64.0	59.3	54.5	49.2
	SDT	88.5	97.5	107.0	116.0	125.0	134.0	143.0	152.0
	KW	3.15	3.54	3.98	4.47	5.02	5.63	6.28	6.96

\* 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 without additional consideration is: Indoor coil above = 20 ft, indoor coil below = 20 ft. Consult Application Guideline and Service Manual see—Air Conditioners and Heat Pumps Using Puron® Refrigerant if elevations are exceeded.
6. For interconnecting refrigerant tube lengths greater than 50 ft and/or 20 ft vertical differential, consult Residential Split System Application Guideline and Service Manual available from equipment distributor.
7. If any refrigerant tubing is buried, provide a 6 in. vertical rise to the valve connections at the unit. Refrigerant tubing lengths up to 36 in. may be buried without further consideration. Do not bury lines longer than 36 in.
8. Use only copper wire for electric connection at unit. Aluminum and clad aluminum are not acceptable for the type of connector provided.
9. Do not apply capillary tube indoor coils to these units.
10. Factory-supplied filter drier must be installed. This must be replaced each time the refrigeration system is opened for service.
11. Do not deviate from factory supplied TXV's and Liquid-Line Solenoids.



# Guide specifications

## Air-Cooled, Split-System Air Conditioner 38TZA 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 and efficiency, and listed in the latest ARI directory.

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

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

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

Air-cooled condenser coils will be leak tested at 150 psig and pressure tested at 450 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 Puron® (R-410A), and special features required prior to field start-up.

#### Refrigerant

Refrigerant will be Puron® (R-410A) HFC refrigerant with zero ozone depletion potential. R-410A is approved under the EPA's Significant New Alternatives Program (SNAP).

#### 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, vapor-line shutoff valve with sweat connections, system charge of Puron® (R-410A) refrigerant, 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.

