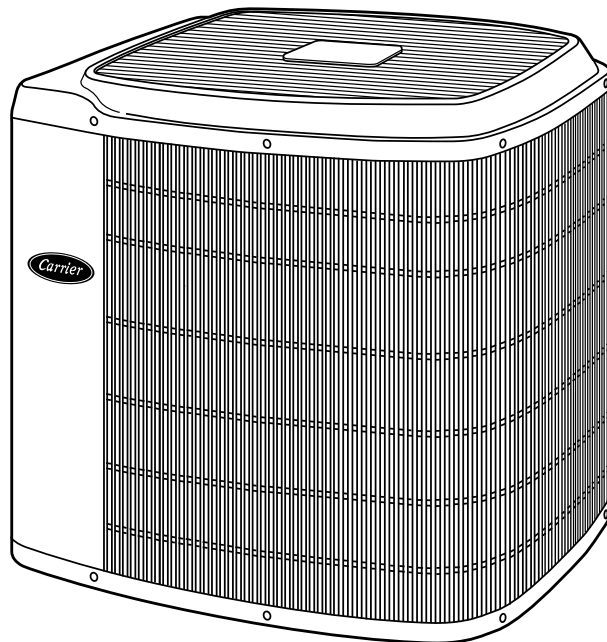




Product Data

38TXA (60 Hz) Air Conditioner with Puron® (R-410A)

Sizes 024 thru 060



Carrier's WeatherMaker 38TXA with Puron® provides a completely unique collection of features which cannot be matched by any other family of equipment. The 38TXA family has been designed as the first air conditioning system utilizing Carrier's unique Puron® refrigerant. The environmentally sound refrigerant allows you to make a responsible decision in the protection of the earth's ozone layer. Carrier's WeatherMaker systems with Puron® are certified by the independent Green Seal organization. These systems also meet the Energy Star® guidelines for energy efficiency.

FEATURES/BENEFITS

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

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

The coil is protected with an enhanced coil guard. With spacing of 3/8 in. and construction of coated 12 gage wire, the guard helps to protect from inclement weather (hail), vandalism, and incidental damage.

Puron® Environmentally Sound Refrigerant — Is Carrier's exclusive refrigerant designed to help protect the environment. Puron® is an HFC refrigerant which does not contain chlorine that can harm 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.

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 13 SEER (Seasonal Energy Efficiency Ratio) with enhanced ratings of up to 14 SEER. Sophisticated heat transfer

Puron®

surfaces utilized in Carrier's 38TXA design allow heat to easily be transferred to the outdoor air and requires less energy. The unique scroll compressor found in the 38TXA design performs quietly and adds to the overall efficiency of the system. Finally Carrier's unique Puron® refrigerant operates more efficiently than ordinary R-22 refrigerant found in other systems. The efficiency levels provided by the 38TXA provide end users with lower costs of operation than traditional air conditioning systems.

Assured Future Service — By utilizing the environmentally sound refrigerant, Puron®, 38TXA 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 the 38TXA models has been proven to provide the lowest incidence of warranty service of any product in the Carrier family in its past 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 38TXA 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 an exclusive 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) 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 — 208/230 volt, single phase only.

Wide Range of Sizes — Available in six sizes 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 — Removal of one panel provides access to both electrical and refrigerant carrying components simplifying installation and service.

Agency Approvals — 38TXA models are listed with UL, c-UL, ARI, CEC, and CSA-EEV. Special endorsements have also been awarded these products by Green Seal an independent organization monitoring environmental concerns and Energy Star® which recognizes energy efficient products.

Limited Warranty — A standard one year warranty on parts with extended warranty coverage on the compressor for a total of 10 years. 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.



This product meets Green Seal criteria for manufacturing, energy efficiency, sound levels, and packaging. It contains no CFCs or HCFCs.



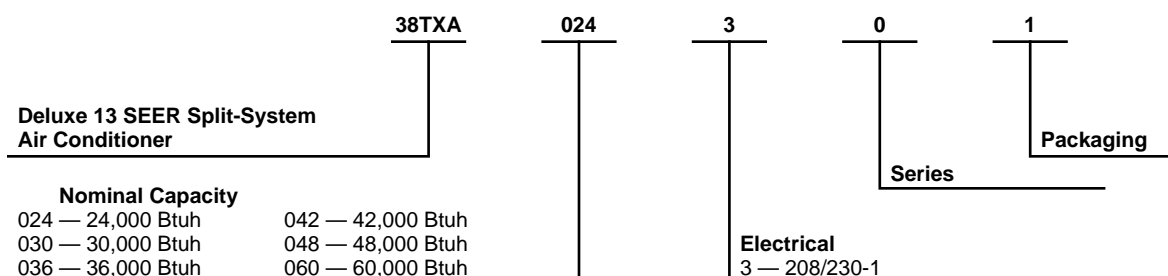
APPROVALS
ISO 9001
EN 29001
BS 5750 PART 1
ANSI/ASQC Q91

CERTIFICATE NO. FM 28768

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

REGISTERED QUALITY SYSTEM

Model number nomenclature



Physical data

UNIT SIZE-SERIES	024-30	030-30	036-30	042-30	048-30	060-31
Operating Weight (Lb)	220	213	243	253	301	337
COMPRESSOR Manufacturer Type	Copeland Scroll					
REFRIGERANT Control	Puron® (R-410A) AccuRater® (Bypass Type)					
Charge (Lb)	6.00	6.00	6.88	8.75	10.13	12.00
COND FAN	Propeller Type, Direct Drive					
Air Discharge	Vertical					
Air Qty (CFM)	2400	2400	2800	2800	3300	3300
Motor HP	1/8	1/8	1/5	1/5	1/4	1/4
Motor RPM	825	825	825	825	1100	1100
COND COIL	Copper Tube, Aluminum Plate Fin					
Face Area (Sq ft)	15.2	12.2	15.2	18.2	18.2	18.2
Fins per In.	25	25	25	25	20	20
Rows	1	1	1	1	2	2
Circuits	2	2	2	3	5	5
VALVE CONNECT. (In. ID)	Sweat					
Vapor	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	3/4	3/4	7/8	7/8	1-1/8
Vapor (Max Diameter for Long-Line Applications)	7/8	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, consult Residential Split System Long-Line Application Guideline and Service Manual.

NOTE: See unit Installation Instructions for proper installation.

ACCURATER® PISTON CHART

UNIT SIZE-SERIES	PISTON* IDENTIFICATION NO.
024-30	61
030-30	63
036-30	70
042-30	73
048-30	78
060-31	96

* 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)
024-30	13
030-30	12
036-30	11
042-30	12
048-30	11
060-31	12

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

Accessories

ORDERING NO.	DESCRIPTION
KAATD0101TDR	Time-Delay Relay — All Sizes
KSALAO301410	Low-Ambient Pressure Switch — All Sizes
P251-0083 (RCD)	Low-Ambient Controller — All Sizes
32LT660004* (RCD)	MotorMaster® Control — All Sizes
KAAFT0101AAA†	Evaporator Freeze Thermostat — All Sizes
KAAWS0201AAA†	Winter Start Control — All Sizes
KSACY0101AAA	Cycle Protector — All Sizes
KSAHS1501AAA	Start Assist — Capacitor and Relay — Sizes 024–042
KSAHS1601AAA	Start Assist — Capacitor and Relay — Sizes 048, 060
KAACS0201PTC	Start Assist — PTC — All Sizes
KAACH1201AAA	Crankcase Heater — Sizes 024–042
Standard	Crankcase Heater — Sizes 048, 060
KSATX0201HSZ‡	Thermostatic Expansion Valve (Hard Shutoff) — Sizes 024, 030
KSATX0301HSZ‡	Thermostatic Expansion Valve (Hard Shutoff) — Sizes 036, 042
KSATX0401HSZ‡	Thermostatic Expansion Valve (Hard Shutoff) — Size 048
KSATX0501HSZ‡	Thermostatic Expansion Valve (Hard Shutoff) — Size 060
KSAPX0101PIS	Piston Body — All Sizes
HC38GE230 (RCD)	Ball Bearing Fan Motor — Sizes 024–042
HC40GE230 (RCD)	Ball Bearing Fan Motor — Sizes 048, 060
KH45LG140 (RCD)	Filter Drier (Suction Line) — Sizes 024–036
KH45LG141 (RCD)	Filter Drier (Suction Line) — Sizes 042–060
KAALS0201LLS	Liquid-Line Solenoid Valve — Sizes 024–048
Standard	Liquid-Line Solenoid Valve — Size 060
KSASF0101AAA	Support Feet — All Sizes
KAACF0201MED	Coastal Filter — All Sizes

* Fan motor with ball bearings required.

† See low-ambient controller Installation Instructions for application.

‡ Do not use hard shutoff TXV with Liquid-Line Solenoid Valve.

THERMOSTAT/SUBBASE PKG	DESCRIPTION
TSTATCCNAC01-B	Thermostat — Auto Changeover, Non-Programmable, °F/°C, 1-Stage Heat, 1-Stage Cool
TSTATCCPAC01-B	Thermostat — Auto Changeover, 7-Day Programmable, °F/°C, 1-Stage Heat, 1-Stage Cool
TSTATCCPRH01-B	Thermidistat™ Control — Programmable Thermostat with Humidity Control
TSTATCCBAC01	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
TSTATXXCNV10	Thermostat Conversion Kit (4 to 5 wire) — 10 Pack

Accessory usage guideline

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

* For Tubing line sets greater than 50 ft, refer to Residential Split System Long-Line Application Guideline and Service Manual.

† 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.
SUGGESTED USE: Required on all units where Low-Ambient Controller (full modulation feature) or MotorMaster® Control has been added.
- 2. Coastal Filter**

A mesh screen inserted under the top cover and inside the base pan to protect the condenser coil from corrosive atmosphere without restricting airflow.
SUGGESTED USE: In geographic areas where salt damage could occur.
In areas with high pollution levels.
- 3. Compressor Start Assist—Capacitor and Relay**

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

Solid-state electrical device which gives a “soft” boost to compressor at each start-up.
SUGGESTED USE: Installations with marginal power supply.
- 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 chance of refrigerant slugging. May or may not include a thermostat control.
SUGGESTED USE: When interconnecting tube length exceeds 50 ft.
When unit will be operated below 55°F (12.8°C) outdoor air temperature. Use with Low-Ambient Controller.
All commercial installations.
- 6. Cycle Protector**

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

An SPST temperature actuated switch which stops unit operation when evaporator reaches freeze-up conditions.
SUGGESTED USE: All units where Winter Start Control has been added.
- 8. Filter Drier (Suction Line)**

A device for removing contaminants from refrigerant circulating in an air conditioner: 1 direction flow.
SUGGESTED USE: All split-system air conditioners.
- 9. Liquid-Line Solenoid Valve (LSV)**

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

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

A long life pressure switch which is mounted to outdoor unit service valve. It is designed to cycle the outdoor fan motor in order to maintain head pressure within normal operating limits (approximately 200 psig to 365 psig). The control will maintain working head pressure at low-ambient temperatures down to 0°F when properly installed.
SUGGESTED USE: Cooling operation at outdoor temperatures below 55°F (12.8°C).
- 12. MotorMaster® Control**

A fan speed control device activated by a temperature sensor. Designed to control condenser fan motor speed in response to the saturated, condensing temperature during operation in cooling mode only. For outdoor temperatures down to -20°F, it maintains condensing temperature at 100°F ± 10°F.
SUGGESTED USE: Cooling operation at outdoor temperatures below 55°F.
All commercial installations.
- 13. Outdoor Air Temperature Sensor**

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

This piston body is to be used as a replacement for the FK4C Fan Coil R-22 thermostatic expansion valve when used with Puron® (R-410A) air conditioner units.
Use piston and piston ring shipped with outdoor unit for installations under 50 ft.
SUGGESTED USE: All Puron® (R-410A) air conditioner installations matched with FK4C Fan Coils.
- 15. Support Feet**

Four stick-on plastic feet which raise the unit 4 in. above the mounting pad. This allows sand, dirt, and other debris to be flushed from the unit base minimizing corrosion.
SUGGESTED USE: For improved sound ratings.
Coastal installations.
Windy areas or where debris is normally circulating.
Rooftop installations.
- 16. Thermostatic Expansion Valve (TXV) Kit**

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 shutoff type valves are available.
SUGGESTED USE: For improved system performance in cooling mode for certain combinations of indoor and outdoor units. Refer to ARI Unitary Directory.
Required for use on all zoning systems.
- 17. Time-Delay Relay**

An SPST delay relay which briefly continues operation of the indoor blower motor to provide additional cooling after the compressor cycles off.
SUGGESTED USE: For improved efficiency ratings for certain combinations of indoor and outdoor units. Refer to ARI Unitary Directory.
Required for use on all zoning systems.
- 18. Winter Start Control**

An SPST delay relay which bypasses the low-pressure switch for approximately 3 minutes to permit start-up for cooling operation under low-load conditions.
SUGGESTED USE: All air conditioners where Low-Ambient Controller has been added.

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							
024-30	208/230/1	253	187	61.0	13.5	0.8	17.6	14	14	44	42	25
030-30				72.5	14.7	0.8	19.2	14	14	41	39	30
036-30				83.0	15.4	1.1	20.2	12	12	62	59	30
042-30				105.0	18.6	1.1	24.4	10	10	80	76	40
048-30				109.0	20.5	1.4	27.0	10	10	73	70	40
060-31				158.0	27.6	1.4	35.9	8	8	85	80	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.

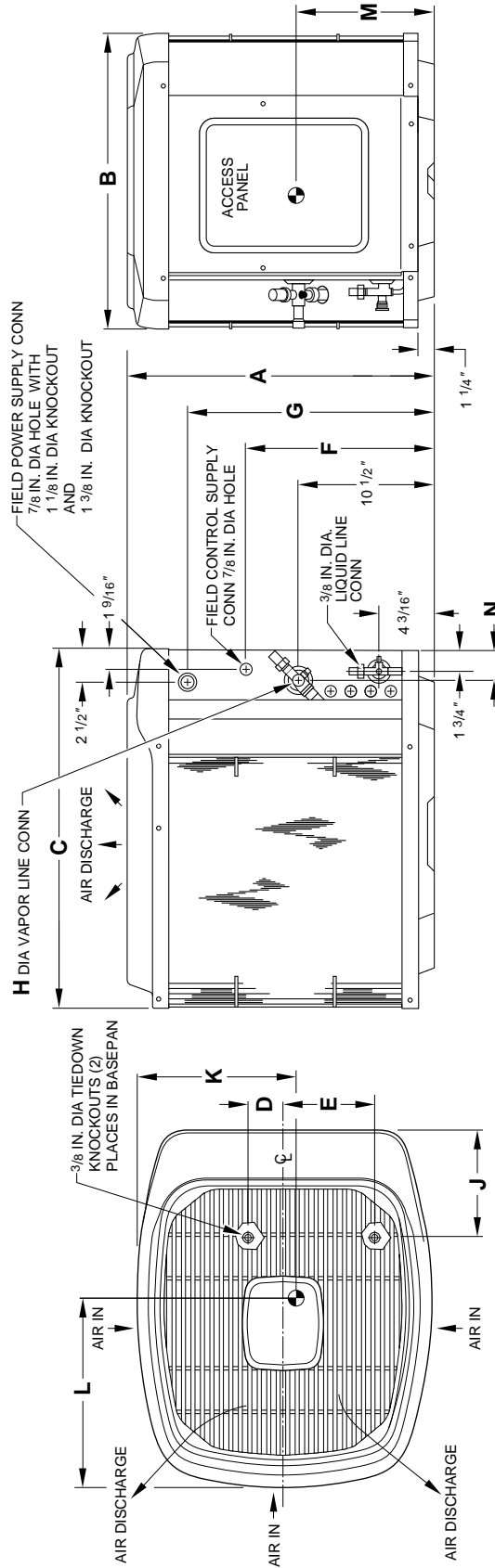
SOUND POWER (dBA)

UNIT SIZE-SERIES	SOUND LEVEL
024-30	70
030-30	71
036-30	71
042-30	74
048-30	76
060-31	78

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
024	30	33-13/16	30	34-15/16	4	9-3/4	21-1/2	27-7/8	5/8	8-3/16	17	19-3/4	15-3/4	2-15/16	26 x 32
030	30	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	30	33-13/16	30	34-15/16	4	9-3/4	21-1/2	27-7/8	3/4	8-3/16	17	19-3/4	15-3/4	2-15/16	26 x 32
042	30	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
048	30	39-13/16	30	34-15/16	4	9-3/4	27-1/2	33-7/8	7/8	8-3/16	16-3/4	19-1/2	17-1/4	2-15/16	26 x 32
060	31	39-13/16	30	34-15/16	4	9-3/4	27-1/2	33-7/8	7/8	8-3/16	16-1/2	19	16-3/4	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 TXV‡		
024-30	CC5A/CD5AA030*	24,000	NONE	—	13.00	13.00	11.10	
	CC5A/CD5AA024	24,000	NONE	—	12.50	12.50	11.20	
	CC5A/CD5AW024	24,000	NONE	—	12.50	12.50	11.10	
	CC5A/CD5AW030	24,000	NONE	—	13.00	13.00	11.20	
	CE3AA024	24,000	NONE	—	12.50	12.50	11.25	
	CE3AA030	24,000	NONE	—	13.00	13.00	11.35	
	CF5AA024	24,000	NONE	—	12.50	12.50	11.20	
	CJ5A/CK5A/CK5BA024	24,000	NONE	—	12.50	12.50	11.20	
	CJ5A/CK5A/CK5BA030	24,000	NONE	—	13.00	13.00	11.35	
	CJ5A/CK5A/CK5BW024	24,000	NONE	—	12.50	12.50	11.20	
	CJ5A/CK5A/CK5BW030	24,000	NONE	—	13.00	13.00	11.35	
	CK3BA024	24,000	NONE	—	12.50	12.50	11.20	
	CK3BA030	24,000	NONE	—	13.00	13.00	11.35	
	F(A,B)4AN(F,C)024	24,000	TDR	12.50	—	12.50	11.30	
	F(A,B)4AN(F,C)030	24,000	TDR	13.00	—	13.00	11.40	
	FF1(B,C,D)NA024	24,000	TDR	12.50	—	12.50	11.30	
	FF1(B,C,D)NA030	24,000	TDR	13.00	—	13.00	11.50	
	FG3AA024	24,000	NONE	—	12.00	12.00	11.00	
	FK4CNF002+Puron® (R-410A) TXV**	26,000	TDR	14.00	—	—	12.40	
	FK4CNF003+Puron® (R-410A) TXV**	26,000	TDR	14.00	—	—	12.60	
	FK4CNF003+61 Piston††	25,600	TDR	14.00	—	—	12.95	
	FV4ANF002	26,000	TDR & TXV	14.00	—	—	12.40	
	FV4ANF003	26,000	TDR & TXV	14.00	—	—	12.60	
	FX4ANF030	24,000	TDR & TXV	12.50	—	—	11.00	
	COILS + 58MVP040-14 VARIABLE SPEED FURNACE							
		CC5A/CD5AA024	24,000	TDR	13.50	—	13.50	11.95
		CC5A/CD5AA030	24,000	TDR	14.00	—	14.00	12.25
		CC5A/CD5AW024	24,000	TDR	13.50	—	13.50	11.95
		CC5A/CD5AW030	24,000	TDR	14.00	—	14.00	12.25
		CE3AA024	24,000	TDR	13.50	—	13.50	12.05
		CE3AA030	24,000	TDR	14.00	—	14.00	12.30
		CJ5A/CK5A/CK5BW030	24,000	TDR	14.00	—	14.00	12.20
		CK3BA024	24,000	TDR	13.50	—	13.50	12.00
		CK3BA030	24,000	TDR	14.00	—	14.00	12.20
	COILS + 58MVP060-14 VARIABLE SPEED FURNACE							
		CC5A/CD5AA024	24,000	TDR	13.50	—	13.50	11.90
		CC5A/CD5AA030	24,000	TDR	14.00	—	14.00	12.15
		CC5A/CD5AW024	24,000	TDR	13.50	—	13.50	11.90
		CC5A/CD5AW030	24,000	TDR	14.00	—	14.00	12.15
		CE3AA024	24,000	TDR	13.50	—	13.50	12.00
		CE3AA030	24,000	TDR	14.00	—	14.00	12.25
		CJ5A/CK5A/CK5BW024	24,000	TDR	13.50	—	13.50	12.00
		CJ5A/CK5A/CK5BW030	24,000	TDR	14.00	—	14.00	12.20
		CK3BA024	24,000	TDR	13.50	—	13.50	12.00
		CK3BA030	24,000	TDR	14.00	—	14.00	12.20
COILS + 58MVP080-14 VARIABLE SPEED FURNACE								
	CC5A/CD5AA024	24,000	TDR	13.50	—	13.50	12.05	
	CC5A/CD5AA030	24,000	TDR	14.00	—	14.00	12.30	
	CC5A/CD5AW024	24,000	TDR	13.50	—	13.50	12.05	
	CC5A/CD5AW030	24,000	TDR	14.00	—	14.00	12.30	
	CE3AA024	24,000	TDR	13.50	—	13.50	12.15	
	CE3AA030	24,000	TDR	14.00	—	14.00	12.40	
	CJ5A/CK5A/CK5BW024	24,000	TDR	13.50	—	13.50	12.25	
	CJ5A/CK5A/CK5BW030	24,000	TDR	14.00	—	14.00	12.45	
	CK3BA024	24,000	TDR	13.50	—	13.50	12.25	
	CK3BA030	24,000	TDR	14.00	—	14.00	12.45	
COILS + 58U(H,X)060-12 VARIABLE SPEED FURNACE								
	CC5A/CD5AA024	24,000	TDR	13.50	—	13.50	11.95	
	CC5A/CD5AA030	24,000	TDR	14.00	—	14.00	12.15	
	CC5A/CD5AW024	24,000	TDR	13.50	—	13.50	11.95	
	CC5A/CD5AW030	24,000	TDR	14.00	—	14.00	12.15	
	CE3AA024	24,000	TDR	13.50	—	13.50	12.05	
	CE3AA030	24,000	TDR	14.00	—	14.00	12.05	
	CJ5A/CK5A/CK5BA024	24,000	TDR	13.50	—	13.50	12.15	
	CJ5A/CK5A/CK5BA030	24,000	TDR	14.00	—	14.00	12.35	
	CJ5A/CK5A/CK5BW030	24,000	TDR	14.00	—	14.00	12.35	
	CK3BA024	24,000	TDR	13.50	—	13.50	12.15	
	CK3BA030	24,000	TDR	14.00	—	14.00	12.35	
030-30	CC5A/CD5AA036*	29,000	NONE	—	13.00	13.00	10.85	
	CC5A/CD5AA030	28,000	NONE	—	12.50	12.50	11.20	
	CC5A/CD5AW030	28,000	NONE	—	12.50	12.50	10.85	
	CD5A/CD5BW036	29,000	NONE	—	13.00	13.00	11.20	
	CE3AA030	28,000	NONE	—	12.50	12.50	11.00	
	CE3AA036	28,400	NONE	—	12.50	12.50	11.10	
	CF5AA036	28,400	NONE	—	12.50	12.50	11.15	
	CJ5A/CK5A/CK5BA030	28,000	NONE	—	12.50	12.50	10.95	
	CJ5A/CK5A/CK5BA036	29,000	NONE	—	13.00	13.00	11.25	
	CJ5A/CK5A/CK5BN036	27,000	NONE	—	13.00	13.00	11.25	
	CJ5A/CK5A/CK5BW030	28,000	NONE	—	12.50	12.50	10.95	
	CJ5A/CK5A/CK5BW036	29,000	NONE	—	13.00	13.00	11.25	
	CK3BA030	28,000	NONE	—	12.50	12.50	10.95	
	CK3BA036	29,000	NONE	—	13.00	13.00	11.25	

See notes on pg. 16.

Combination ratings continued

UNIT SIZE-SERIES	INDOOR UNIT	TOT. CAP. BTUH	FACTORY- SUPPLIED ENHANCE- MENT	SEER			EER	
				Standard Rating	Carrier Gas Furnace or Accessory TDR†	Accessory TXV‡		
030-30	F(A,B)4ANF030	28,600	TDR	12.50	—	12.50	11.10	
	F(A,B)4ANF036	29,000	TDR	12.50	—	12.50	10.95	
	FF1(A,B)NA030	28,600	TDR	12.50	—	12.50	11.05	
	FG3AAA036	28,400	NONE	—	12.50	12.50	11.00	
	FK4CNF001+Puron® (R-410A) TXV**	29,000	TDR	13.00	—	—	11.95	
	FK4CNF001+63 Piston††	28,600	TDR	13.00	—	—	12.10	
	FK4CNF002+Puron® (R-410A) TXV**	29,000	TDR	13.50	—	—	12.05	
	FK4CNF003+Puron® (R-410A) TXV**	29,600	TDR	14.00	—	—	12.40	
	FK4CNF003+63 Piston††	29,000	TDR	14.00	—	—	12.55	
	FV4ANF002	29,000	TDR & TXV	13.50	—	—	12.05	
	FV4ANF003	29,600	TDR & TXV	14.00	—	—	12.40	
	FX4ANF030	28,600	TDR & TXV	12.50	—	—	11.00	
	FX4ANF036	29,000	TDR & TXV	12.50	—	—	10.95	
	COILS + 58MVP040-14 VARIABLE SPEED FURNACE							
		CC5A/CD5AA030	28,400	TDR	13.20	—	13.20	11.55
	CC5A/CD5AA036	29,600	TDR	13.50	—	13.50	11.90	
	CC5A/CD5AW030	28,400	TDR	13.20	—	13.20	11.55	
	CC5A/CD5AW036	29,600	TDR	13.50	—	13.50	11.90	
	CE3AA030	29,000	TDR	13.50	—	13.50	11.70	
	CE3AA036	29,200	TDR	13.50	—	13.50	11.75	
	CJ5A/CK5A/CK5BW030	28,400	TDR	13.00	—	13.00	11.45	
	CJ5A/CK5A/CK5BW036	29,600	TDR	13.50	—	13.50	11.95	
	CK3BA030	28,400	TDR	13.00	—	13.00	11.45	
	CK3BA036	29,600	TDR	13.50	—	13.50	11.95	
COILS + 58MVP060-14 VARIABLE SPEED FURNACE								
	CC5A/CD5AA030	28,400	TDR	13.20	—	13.20	11.50	
	CC5A/CD5AA036	29,600	TDR	13.50	—	13.50	11.90	
	CC5A/CD5AW030	28,400	TDR	13.20	—	13.20	11.50	
	CC5A/CD5AW036	29,600	TDR	13.50	—	13.50	11.90	
	CE3AA030	29,000	TDR	13.20	—	13.20	11.65	
	CE3AA036	29,200	TDR	13.50	—	13.50	11.75	
	CJ5A/CK5A/CK5BA036	29,600	TDR	13.50	—	13.50	11.95	
	CJ5A/CK5A/CK5BW030	28,400	TDR	13.20	—	13.20	11.45	
	CK3BA030	28,400	TDR	13.20	—	13.20	11.45	
	CK3BA036	29,600	TDR	13.50	—	13.50	11.95	
COILS + 58MVP080-14 VARIABLE SPEED FURNACE								
	CC5A/CD5AA030	28,600	TDR	13.50	—	13.50	11.65	
	CC5A/CD5AA036	29,600	TDR	14.00	—	14.00	12.10	
	CC5A/CD5AW030	28,600	TDR	13.50	—	13.50	11.65	
	CC5A/CD5AW036	29,600	TDR	14.00	—	14.00	12.10	
	CE3AA030	29,000	TDR	13.50	—	13.50	11.80	
	CE3AA036	29,200	TDR	13.50	—	13.50	11.90	
	CJ5A/CK5A/CK5BW030	28,600	TDR	13.20	—	13.20	11.55	
	CJ5A/CK5A/CK5BW036	29,600	TDR	14.00	—	14.00	12.10	
	CK3BA030	28,600	TDR	13.20	—	13.20	11.55	
	CK3BA036	29,600	TDR	14.00	—	14.00	12.10	
COILS + 58U(H,X)V060-12 VARIABLE SPEED FURNACE								
	CC5A/CD5AA030	28,000	TDR	13.50	—	13.50	11.65	
	CC5A/CD5AA036	29,000	TDR	14.00	—	14.00	12.05	
	CC5A/CD5AW030	28,000	TDR	13.50	—	13.50	11.65	
	CC5A/CD5AW036	29,000	TDR	14.00	—	14.00	12.05	
	CE3AA030	28,400	TDR	13.50	—	13.50	11.80	
	CE3AA036	28,600	TDR	13.50	—	13.50	11.85	
	CJ5A/CK5A/CK5BA030	28,000	TDR	13.50	—	13.50	11.70	
	CJ5A/CK5A/CK5BA036	29,000	TDR	14.00	—	14.00	12.20	
	CJ5A/CK5A/CK5BN036	27,000	TDR	14.00	—	14.00	12.00	
	CJ5A/CK5A/CK5BW030	28,000	TDR	13.50	—	13.50	11.70	
	CK3BA030	28,000	TDR	13.50	—	13.50	11.70	
	CK3BA036	29,000	TDR	14.00	—	14.00	12.20	
COILS + 58U(H,X)V080-16 VARIABLE SPEED FURNACE								
	CC5A/CD5AA030	28,000	TDR	13.50	—	13.50	11.85	
	CC5A/CD5AA036	29,200	TDR	14.00	—	14.00	12.25	
	CC5A/CD5AW030	28,000	TDR	13.50	—	13.50	11.85	
	CC5A/CD5AW036	29,200	TDR	14.00	—	14.00	12.25	
	CE3AA030	28,600	TDR	13.50	—	13.50	12.00	
	CE3AA036	28,800	TDR	13.50	—	13.50	12.05	
	CJ5A/CK5A/CK5BW030	28,000	TDR	13.50	—	13.50	11.90	
	CJ5A/CK5A/CK5BW036	29,000	TDR	14.00	—	14.00	12.40	
	CK3BA030	28,000	TDR	13.50	—	13.50	11.90	
	CK3BA036	29,000	TDR	14.00	—	14.00	12.40	
036-30	CC5A/CD5AA042*	35,000	NONE	—	13.00	13.00	11.20	
	CC5A/CD5AA036	35,000	NONE	—	13.00	13.00	11.20	
	CC5A/CD5AW042	35,000	NONE	—	12.50	12.50	11.10	
	CD5AW036	35,000	NONE	—	13.00	13.00	11.20	
	CE3AA036	35,000	NONE	—	12.50	12.50	11.05	
	CE3AA042	35,000	NONE	—	13.00	13.00	11.30	
	CF5AA036	35,000	NONE	—	13.00	13.00	11.15	
	CJ5A/CK5A/CK5BA036	35,000	NONE	—	13.00	13.00	11.20	
	CJ5A/CK5A/CK5BA042	35,000	NONE	—	13.00	13.00	11.20	
	CJ5A/CK5A/CK5BN042	34,000	NONE	—	13.00	13.00	11.20	
	CJ5A/CK5A/CK5BW036	35,000	NONE	—	13.00	13.00	11.20	
	CK3BA036	35,000	NONE	—	13.00	13.00	11.20	
	CK3BA042	35,000	NONE	—	13.00	13.00	11.20	
	F(A,B)4AN(F,B)042	35,000	TDR	13.00	—	13.00	11.25	

See notes on pg. 14.

Combination ratings continued

UNIT SIZE-SERIES	INDOOR UNIT	TOT. CAP. BTUH	FACTORY- SUPPLIED ENHANCE- MENT	SEER			EER	
				Standard Rating	Carrier Gas Furnace or Accessory TDR†	Accessory TXV‡		
036-30	F(A,B)4ANF036	35,000	TDR	12.50	—	12.50	11.15	
	FG3AAA036	35,000	NONE	—	12.20	12.20	10.95	
	FK4CNF002+Puron® (R-410A) TXV**	35,000	TDR	13.00	—	—	11.75	
	FK4CNF003+Puron® (R-410A) TXV**	35,000	TDR	13.50	—	—	12.05	
	FK4CNF005+Puron® (R-410A) TXV**	36,000	TDR	14.00	—	—	12.20	
	FK4CNF005+70 Piston††	35,000	TDR	14.00	—	—	12.35	
	FV4ANF002	35,000	TDR & TXV	13.00	—	—	11.75	
	FV4ANF003	35,000	TDR & TXV	13.50	—	—	12.05	
	FV4ANF005	36,000	TDR & TXV	14.00	—	—	12.20	
	FX4ANF036	34,000	TDR & TXV	12.25	—	—	11.00	
	FX4ANF042	35,000	TDR & TXV	13.00	—	—	11.25	
	COILS + 58MVP040-14 VARIABLE SPEED FURNACE							
	CC5A/CD5AW042	35,000	TDR	13.00	—	13.00	11.45	
	CC5A/CD5AA036	35,000	TDR	13.20	—	13.20	11.60	
	CC5A/CD5AA042	35,000	TDR	13.20	—	13.20	11.50	
	CE3AA036	35,000	TDR	13.00	—	13.00	11.35	
	CE3AA042	35,000	TDR	13.20	—	13.20	11.60	
	CJ5A/CK5A/CK5BA042	35,000	TDR	13.00	—	13.00	11.45	
	CJ5A/CK5A/CK5BW036	35,000	TDR	13.00	—	13.00	11.45	
	CK3BA036	35,000	TDR	13.00	—	13.00	11.45	
	CK3BA042	35,000	TDR	13.00	—	13.00	11.45	
COILS + 58MVP060-14 VARIABLE SPEED FURNACE								
CC5A/CD5AA036	35,000	TDR	13.20	—	13.20	11.45		
CC5A/CD5AA042	35,000	TDR	13.20	—	13.20	11.60		
CC5A/CD5AW042	35,000	TDR	13.00	—	13.00	11.50		
CD5AW036	35,000	TDR	13.20	—	13.20	11.45		
CE3AA036	35,000	TDR	13.00	—	13.00	11.35		
CE3AA042	35,000	TDR	13.20	—	13.20	11.60		
CJ5A/CK5A/CK5BA036	35,000	TDR	13.00	—	13.00	11.50		
CJ5A/CK5A/CK5BN042	34,000	TDR	13.00	—	13.00	11.50		
CK3BA036	35,000	TDR	13.00	—	13.00	11.50		
CK3BA042	35,000	TDR	13.20	—	13.20	11.60		
COILS + 58MVP080-14 VARIABLE SPEED FURNACE								
CC5A/CD5AA036	35,000	TDR	13.20	—	13.20	11.65		
CC5A/CD5AA042	35,000	TDR	13.50	—	13.50	11.85		
CC5A/CD5AW042	35,000	TDR	13.50	—	13.50	11.75		
CD5AW036	35,000	TDR	13.20	—	13.20	11.65		
CE3AA036	35,000	TDR	13.00	—	13.00	11.55		
CE3AA042	35,000	TDR	13.50	—	13.50	11.85		
CJ5A/CK5A/CK5BA042	35,000	TDR	13.50	—	13.50	11.75		
CJ5A/CK5A/CK5BW036	35,000	TDR	13.20	—	13.20	11.60		
CK3BA036	35,000	TDR	13.20	—	13.20	11.60		
CK3BA042	35,000	TDR	13.50	—	13.50	11.75		
COILS + 58MVP080-20 VARIABLE SPEED FURNACE								
CC5A/CD5AA036	35,000	TDR	13.50	—	13.50	11.75		
CC5A/CD5AA042	35,000	TDR	13.50	—	13.50	11.90		
CC5A/CD5AW042	35,000	TDR	13.50	—	13.50	11.85		
CD5AW036	35,000	TDR	13.50	—	13.50	11.75		
CE3AA036	35,000	TDR	13.00	—	13.00	11.60		
CE3AA042	35,000	TDR	13.50	—	13.50	11.90		
CJ5A/CK5A/CK5BA042	35,000	TDR	13.00	—	13.00	11.60		
CJ5A/CK5A/CK5BW036	35,000	TDR	13.00	—	13.00	11.45		
CK3BA036	35,000	TDR	13.00	—	13.00	11.45		
CK3BA042	35,000	TDR	13.00	—	13.00	11.60		
COILS + 58MVP100-20 VARIABLE SPEED FURNACE								
CC5A/CD5AA036	35,000	TDR	13.50	—	13.50	11.75		
CC5A/CD5AA042	35,000	TDR	13.50	—	13.50	11.90		
CC5A/CD5AW042	35,000	TDR	13.50	—	13.50	11.85		
CD5AW036	35,000	TDR	13.50	—	13.50	11.75		
CE3AA036	35,000	TDR	13.00	—	13.00	11.60		
CE3AA042	35,000	TDR	13.50	—	13.50	11.90		
CJ5A/CK5A/CK5BA042	35,000	TDR	13.50	—	13.50	12.00		
CJ5A/CK5A/CK5BW036	35,000	TDR	13.50	—	13.50	11.80		
CK3BA036	35,000	TDR	13.50	—	13.50	11.80		
CK3BA042	35,000	TDR	13.50	—	13.50	12.00		
COILS + 58MVP120-20 VARIABLE SPEED FURNACE								
CC5A/CD5AA036	35,000	TDR	13.50	—	13.50	11.75		
CC5A/CD5AA042	35,000	TDR	13.50	—	13.50	11.90		
CC5A/CD5AW042	35,000	TDR	13.50	—	13.50	11.85		
CD5AW036	35,000	TDR	13.50	—	13.50	11.75		
CE3AA036	35,000	TDR	13.00	—	13.00	11.60		
CE3AA042	35,000	TDR	13.50	—	13.50	11.90		
CJ5A/CK5A/CK5BA042	35,000	TDR	13.50	—	13.50	12.00		
CJ5A/CK5A/CK5BW036	35,000	TDR	13.50	—	13.50	11.85		
CK3BA036	35,000	TDR	13.50	—	13.50	11.85		
CK3BA042	35,000	TDR	13.50	—	13.50	12.00		
COILS + 58U(H,X)060-12 VARIABLE SPEED FURNACE								
CC5A/CD5AA036	35,000	TDR	13.50	—	13.50	11.70		
CC5A/CD5AA042	35,000	TDR	13.50	—	13.50	11.85		
CC5A/CD5AW042	35,000	TDR	13.50	—	13.50	11.75		

See notes on pg. 14.

Combination ratings continued

UNIT SIZE-SERIES	INDOOR UNIT	TOT. CAP. BTUH	FACTORY- SUPPLIED ENHANCE- MENT	SEER			EER		
				Standard Rating	Carrier Gas Furnace or Accessory TDR†	Accessory TXV‡			
036-30	CD5AW036	35,000	TDR	13.50	—	13.50	11.70		
	CE3AA036	35,000	TDR	13.20	—	13.20	11.60		
	CE3AA042	35,000	TDR	13.50	—	13.50	11.85		
	CJ5A/CK5A/CK5BA036	35,000	TDR	13.50	—	13.50	11.80		
	CK3BA036	35,000	TDR	13.50	—	13.50	11.80		
	CK3BA042	35,000	TDR	13.50	—	13.50	11.85		
	COILS + 58U(H,X)V080-16 VARIABLE SPEED FURNACE								
	CC5A/CD5AA036	35,000	TDR	13.50	—	13.50	11.95		
	CC5A/CD5AA042	35,000	TDR	14.00	—	14.00	12.10		
	CC5A/CD5AW042	35,000	TDR	13.50	—	13.50	12.05		
	CD5A/CD5BW036	35,000	TDR	13.50	—	13.50	11.95		
	CE3AA036	35,000	TDR	13.50	—	13.50	11.85		
	CE3AA042	35,000	TDR	14.00	—	14.00	12.15		
	CJ5A/CK5A/CK5BA042	35,000	TDR	13.50	—	13.50	12.05		
	CJ5A/CK5A/CK5BW036	35,000	TDR	13.50	—	13.50	12.00		
	CK3BA036	35,000	TDR	13.50	—	13.50	12.00		
	CK3BA042	35,000	TDR	13.50	—	13.50	12.05		
	COILS + 58U(H,X)V100-20 VARIABLE SPEED FURNACE								
	CC5A/CD5AA036	35,000	TDR	14.00	—	14.00	12.15		
	CC5A/CD5AA042	35,000	TDR	14.00	—	14.00	12.25		
	CC5A/CD5AW042	35,000	TDR	14.00	—	14.00	12.15		
	CD5A/CD5BW036	35,000	TDR	14.00	—	14.00	12.15		
	CE3AA036	35,000	TDR	13.50	—	13.50	12.05		
	CE3AA042	35,000	TDR	14.00	—	14.00	12.30		
	CJ5A/CK5A/CK5BA042	35,000	TDR	14.00	—	14.00	12.35		
	CJ5A/CK5A/CK5BW036	35,000	TDR	14.00	—	14.00	12.25		
	CK3BA036	35,000	TDR	14.00	—	14.00	12.25		
	CK3BA042	35,000	TDR	14.00	—	14.00	12.35		
	COILS + 58U(H,X)V120-20 VARIABLE SPEED FURNACE								
	CC5A/CD5AA036	35,000	TDR	13.50	—	13.50	12.00		
	CC5A/CD5AA042	35,000	TDR	14.00	—	14.00	12.15		
	CC5A/CD5AW042	35,000	TDR	13.50	—	13.50	12.05		
	CD5AW036	35,000	TDR	13.50	—	13.50	12.00		
	CE3AA036	35,000	TDR	13.50	—	13.50	11.90		
	CE3AA042	35,000	TDR	14.00	—	14.00	12.15		
	CJ5A/CK5A/CK5BA042	35,000	TDR	14.00	—	14.00	12.25		
	CJ5A/CK5A/CK5BW036	35,000	TDR	13.50	—	13.50	12.15		
	CK3BA036	35,000	TDR	13.50	—	13.50	12.15		
	CK3BA042	35,000	TDR	14.00	—	14.00	12.25		
	042-30	CD5AA048*	40,500	NONE	—	13.00	13.00	11.20	
		CC5A/CD5AA042	40,500	NONE	—	13.00	13.00	11.15	
		CC5A/CD5AC048	40,000	NONE	—	12.50	12.50	11.10	
		CC5A/CD5AW042	40,000	NONE	—	12.50	12.50	11.00	
		CC5A/CD5AW048	40,500	NONE	—	13.00	13.00	11.20	
		CE3AA042	41,000	NONE	—	13.00	13.00	11.25	
		CE3AA048	41,000	NONE	—	13.00	13.00	11.30	
		CF5AA048	40,500	NONE	—	12.50	12.50	11.20	
		CJ5A/CK5A/CK5BA042	40,500	NONE	—	13.00	13.00	11.20	
		CJ5A/CK5A/CK5BA048	40,500	NONE	—	13.00	13.00	11.30	
		CJ5A/CK5A/CK5BN042	39,500	NONE	—	12.50	12.50	11.20	
		CJ5A/CK5A/CK5BN048	39,500	NONE	—	12.50	12.50	11.30	
		CJ5A/CK5A/CK5BW048	40,500	NONE	—	13.00	13.00	11.30	
		CK3BA042	40,500	NONE	—	13.00	13.00	11.20	
		CK3BA048	40,500	NONE	—	13.00	13.00	11.30	
		F(A,B)4AN(F,B)042	40,500	TDR	12.50	—	12.50	11.20	
		F(A,B)4AN(F,B)048	41,000	TDR	13.00	—	13.00	11.40	
		FG3AAA048	40,000	NONE	—	12.50	12.50	11.20	
		FK4CNB006+Puron® (R-410A) TXV**	41,500	TDR	14.00	—	—	12.90	
		FK4CNB006+73 Piston††	41,000	TDR	14.00	—	—	13.00	
		FK4CNF003+Puron® (R-410A) TXV**	39,500	TDR	13.00	—	—	11.95	
		FK4CNF005+Puron® (R-410A) TXV**	41,000	TDR	13.50	—	—	12.50	
		FV4ANB006	41,500	TDR & TXV	14.00	—	—	12.90	
		FV4ANF003	39,500	TDR & TXV	13.00	—	—	11.95	
		FV4ANF005	41,000	TDR & TXV	13.50	—	—	12.50	
		FX4ANF042	40,000	TDR & TXV	12.50	—	—	11.20	
		FX4ANF048	40,500	TDR & TXV	12.50	—	—	11.20	
		COILS + 58MVP040-14 VARIABLE SPEED FURNACE							
		CC5A/CD5AA042	40,500	TDR	12.80	—	12.80	11.05	
		CC5A/CD5AC048	40,000	TDR	12.50	—	12.50	11.10	
		CC5A/CD5AW042	40,000	TDR	12.50	—	12.50	11.00	
		CC5A/CD5AW048	40,500	TDR	13.00	—	13.00	11.30	
		CD5AA048	40,500	TDR	13.00	—	13.00	11.30	
		CE3AA042	40,000	TDR	13.00	—	13.00	11.15	
		CE3AA048	40,000	TDR	13.00	—	13.00	11.20	
		COILS + 58MVP060-14 VARIABLE SPEED FURNACE							
		CC5A/CD5AA042	40,500	TDR	12.80	—	12.80	11.10	
		CC5A/CD5AC048	40,000	TDR	12.50	—	12.50	11.15	
		CC5A/CD5AW042	40,000	TDR	12.50	—	12.50	11.05	
		CC5A/CD5AW048	40,000	TDR	13.00	—	13.00	11.35	
	CD5AA048	40,000	TDR	13.00	—	13.00	11.35		
	CE3AA042	40,500	TDR	13.00	—	13.00	11.20		
	CE3AA048	40,500	TDR	13.00	—	13.00	11.25		

See notes on pg. 14.

Combination ratings continued

UNIT SIZE-SERIES	INDOOR UNIT	TOT. CAP. BTUH	FACTORY- SUPPLIED ENHANCE- MENT	SEER			EER	
				Standard Rating	Carrier Gas Furnace or Accessory TDR†	Accessory TXV‡		
COILS + 58MVP080-14 VARIABLE SPEED FURNACE								
042-30	CC5A/CD5AA042	40,500	TDR	13.00	—	13.00	11.40	
	CC5A/CD5AC048	40,000	TDR	13.00	—	13.00	11.45	
	CC5A/CD5AW042	40,000	TDR	13.00	—	13.00	11.30	
	CC5A/CD5AW048	40,500	TDR	13.20	—	13.20	11.60	
	CD5AA048	40,500	TDR	13.50	—	13.50	11.60	
	CE3AA042	41,000	TDR	13.00	—	13.00	11.50	
	CE3AA048	41,000	TDR	13.20	—	13.20	11.55	
	CJ5A/CK5A/CK5BA042	40,500	TDR	13.00	—	13.00	11.30	
	CJ5A/CK5A/CK5BA048	40,500	TDR	13.20	—	13.20	11.55	
	CK3BA042	40,500	TDR	13.00	—	13.00	11.30	
	CK3BA048	40,500	TDR	13.20	—	13.20	11.55	
	COILS + 58MVP080-20 VARIABLE SPEED FURNACE							
	042-30	CC5A/CD5AA042	40,500	TDR	13.20	—	13.20	11.50
		CC5A/CD5AC048	40,000	TDR	13.20	—	13.20	11.55
CC5A/CD5AW042		40,000	TDR	13.00	—	13.00	11.40	
CC5A/CD5AW048		40,500	TDR	13.50	—	13.50	11.75	
CD5AA048		40,500	TDR	13.50	—	13.50	11.75	
CE3AA042		41,000	TDR	13.20	—	13.20	11.60	
COILS + 58MVP100-20 VARIABLE SPEED FURNACE								
042-30	CC5A/CD5AA042	40,500	TDR	13.20	—	13.20	11.50	
	CC5A/CD5AC048	40,000	TDR	13.20	—	13.20	11.55	
	CC5A/CD5AW042	40,000	TDR	13.00	—	13.00	11.40	
	CDC5A/CD5AW048	40,500	TDR	13.50	—	13.50	11.75	
	CD5AA048	40,500	TDR	13.50	—	13.50	11.75	
	CE3AA042	41,000	TDR	13.20	—	13.20	11.60	
	CE3AA048	41,000	TDR	13.50	—	13.50	11.65	
	CJ5A/CK5A/CK5BA042	40,500	TDR	13.00	—	13.00	11.55	
	CJ5A/CK5A/CK5BW048	40,500	TDR	13.50	—	13.50	11.80	
	CK3BA042	40,500	TDR	13.00	—	13.00	11.55	
	CK3BA048	40,500	TDR	13.50	—	13.50	11.80	
	COILS + 58MVP120-20 VARIABLE SPEED FURNACE							
042-30	CC5A/CD5AA042	40,500	TDR	13.20	—	13.20	11.50	
	CC5A/CD5AC048	40,000	TDR	13.20	—	13.20	11.55	
	CC5A/CD5AW042	40,000	TDR	13.00	—	13.00	11.40	
	CC5A/CD5AW048	40,500	TDR	13.50	—	13.50	11.75	
	CD5AA048	40,500	TDR	13.50	—	13.50	11.75	
	CE3AA042	41,000	TDR	13.20	—	13.20	11.60	
	CE3AA048	41,000	TDR	13.50	—	13.50	11.65	
	CJ5A/CK5A/CK5BA042	40,500	TDR	13.00	—	13.00	11.65	
	CJ5A/CK5A/CK5BW048	40,500	TDR	13.50	—	13.50	11.85	
	CK3BA042	40,500	TDR	13.00	—	13.00	11.65	
	CK3BA048	40,500	TDR	13.50	—	13.50	11.85	
	COILS + 58U(H,X)V080-16 VARIABLE SPEED FURNACE							
042-30	CC5A/CD5AA042	40,000	TDR	13.50	—	13.50	11.80	
	CC5A/CD5AC048	39,500	TDR	13.00	—	13.00	11.80	
	CC5A/CD5AW042	40,000	TDR	13.00	—	13.00	11.70	
	CC5A/CD5AW048	40,500	TDR	13.50	—	13.50	12.00	
	CD5AA048	40,500	TDR	14.00	—	14.00	12.00	
	CE3AA042	40,500	TDR	13.50	—	13.50	11.90	
	CE3AA048	41,000	TDR	13.50	—	13.50	11.95	
	CJ5A/CK5A/CK5BA042	40,000	TDR	13.50	—	13.50	11.85	
	CJ5A/CK5A/CK5BA048	40,500	TDR	14.00	—	14.00	12.00	
	CK3BA042	40,000	TDR	13.50	—	13.50	11.85	
	CK3BA048	40,500	TDR	14.00	—	14.00	12.00	
	COILS + 58U(H,X)V100-20 VARIABLE SPEED FURNACE							
042-30	CC5A/CD5AA042	40,500	TDR	13.50	—	13.50	12.05	
	CC5A/CD5AC048	40,000	TDR	13.50	—	13.50	12.05	
	CC5A/CD5AW042	40,000	TDR	13.50	—	13.50	12.00	
	CC5A/CD5AW048	40,500	TDR	14.00	—	14.00	12.25	
	CD5AA048	40,500	TDR	14.00	—	14.00	12.25	
	CE3AA042	41,000	TDR	14.00	—	14.00	12.15	
	CE3AA048	41,000	TDR	14.00	—	14.00	12.20	
	CJ5A/CK5A/CK5BA042	40,500	TDR	13.50	—	13.50	12.15	
	CJ5A/CK5A/CK5BW048	40,500	TDR	14.00	—	14.00	12.30	
	CK3BA042	40,500	TDR	13.50	—	13.50	12.15	
	CK3BA048	40,500	TDR	14.00	—	14.00	12.30	
	COILS + 58U(H,X)V120-20 VARIABLE SPEED FURNACE							
042-30	CC5A/CD5AA042	40,500	TDR	13.50	—	13.50	11.90	
	CC5A/CD5AC048	39,500	TDR	13.50	—	13.50	11.85	
	CC5A/CD5AW042	40,000	TDR	13.50	—	13.50	11.80	
	CC5A/CD5AW048	40,500	TDR	13.50	—	13.50	12.05	
	CD5AA048	40,500	TDR	13.50	—	13.50	12.05	
	CE3AA042	40,500	TDR	13.50	—	13.50	12.00	
	CE3AA048	41,000	TDR	13.50	—	13.50	12.05	
	CJ5A/CK5A/CK5BA042	40,500	TDR	13.50	—	13.50	12.15	
	CJ5A/CK5A/CK5BW048	40,500	TDR	13.50	—	13.50	12.20	
	CK3BA042	40,500	TDR	13.50	—	13.50	12.15	
	CK3BA048	40,500	TDR	13.50	—	13.50	12.20	
	048-30	CC5A/CD5AA060*	46,500	NONE	—	13.00	13.00	11.50
CC5A/CD5AC048		45,000	NONE	—	12.50	12.50	11.35	
CC5A/CD5AW048		46,000	NONE	—	13.00	13.00	11.50	

Combination ratings continued

UNIT SIZE-SERIES	INDOOR UNIT	TOT. CAP. BTUH	FACTORY- SUPPLIED ENHANCE- MENT	SEER			EER	
				Standard Rating	Carrier Gas Furnace or Accessory TDR†	Accessory TXV‡		
048-30	CC5A/CD5AW060	47,000	NONE	—	13.00	13.00	11.80	
	CD5AA048	46,000	NONE	—	13.00	13.00	11.50	
	CE3AA048	46,500	NONE	—	13.00	13.00	11.65	
	CE3AA060	47,000	NONE	—	13.00	13.00	11.85	
	CF5AA048	46,000	NONE	—	12.50	12.50	11.55	
	CJ5A/CK5A/CK5BA048	46,000	NONE	—	13.00	13.00	11.55	
	CJ5A/CK5A/CK5BA060	46,500	NONE	—	13.00	13.00	11.65	
	CJ5A/CK5A/CK5BN048	44,000	NONE	—	12.50	12.50	11.30	
	CJ5A/CK5A/CK5BN060	45,500	NONE	—	13.00	13.00	11.90	
	CJ5A/CK5A/CK5BW048	46,000	NONE	—	13.00	13.00	11.55	
	CJ5A/CK5A/CK5BX060	47,000	NONE	—	13.00	13.00	11.90	
	CK3BA048	46,000	NONE	—	13.00	13.00	11.55	
	CK3BA060	46,500	NONE	—	13.00	13.00	11.65	
	F(A,B)4AN(F,B)048	46,000	TDR	12.20	—	12.20	11.50	
	F(A,B)4AN(F,B)060	47,000	TDR	12.50	—	12.50	11.55	
	FB4ANB070	47,500	TDR	13.00	—	13.00	12.00	
	FG3AAA048	46,000	NONE	—	12.20	12.20	11.50	
	FG3AAA060	46,500	NONE	—	12.50	12.50	11.65	
	FK4CNB006+Puron® (R-410A) TXV**	47,500	TDR	14.00	—	—	13.15	
	FK4CNB006+78 Piston††	47,000	TDR	14.00	—	—	13.15	
	FV4ANB006	47,500	TDR & TXV	14.00	—	—	13.15	
	FX4ANB060	47,000	TDR & TXV	12.50	—	—	11.50	
	FX4ANF048	46,000	TDR & TXV	12.20	—	—	11.50	
	COILS + 58MVP080-20 VARIABLE SPEED FURNACE							
	CC5A/CD5AA060	46,500	TDR	13.00	—	13.00	11.55	
	CC5A/CD5AC048	45,000	TDR	12.50	—	12.50	11.20	
	CC5A/CD5AW048	46,000	TDR	13.00	—	13.00	11.50	
	CC5A/CD5AW060	47,000	TDR	13.50	—	13.50	12.00	
	CD5AA048	46,000	TDR	13.00	—	13.00	11.50	
	CE3AA048	46,500	TDR	13.00	—	13.00	11.55	
	CE3AA060	47,000	TDR	13.20	—	13.20	11.95	
	CJ5A/CK5A/CK5BA060	46,500	TDR	13.00	—	13.00	11.70	
	CJ5A/CK5A/CK5BN060	45,500	TDR	13.00	—	13.00	11.95	
CJ5A/CK5A/CK5BX060	47,500	TDR	13.50	—	13.50	12.05		
CK3BA060	46,500	TDR	13.00	—	13.00	11.70		
COILS + 58MVP100-20 VARIABLE SPEED FURNACE								
CC5A/CD5AA060	46,500	TDR	13.00	—	13.00	11.55		
CC5A/CD5AC048	45,000	TDR	12.50	—	12.50	11.20		
CC5A/CD5AW048	46,000	TDR	13.00	—	13.00	11.50		
CC5A/CD5AW060	47,000	TDR	13.50	—	13.50	12.00		
CD5AA048	46,000	TDR	13.00	—	13.00	11.50		
CE3AA048	46,500	TDR	13.00	—	13.00	11.55		
CE3AA060	47,000	TDR	13.20	—	13.20	11.95		
CJ5A/CK5A/CK5BA060	46,500	TDR	13.00	—	13.00	11.80		
CJ5A/CK5A/CK5BW048	46,000	TDR	13.00	—	13.00	11.60		
CJ5A/CK5A/CK5BX060	47,500	TDR	13.50	—	13.50	12.15		
CK3BA048	46,000	TDR	13.00	—	13.00	11.60		
CK3BA060	46,500	TDR	13.00	—	13.00	11.80		
COILS + 58U(H,X)V080-16 VARIABLE SPEED FURNACE								
CC5A/CD5AA060	45,500	TDR	13.50	—	13.50	12.15		
CC5A/CD5AC048	45,000	TDR	13.00	—	13.00	11.95		
CC5A/CD5AW048	46,500	TDR	13.50	—	13.50	12.15		
CC5A/CD5AW060	47,000	TDR	14.00	—	14.00	12.50		
CD5AA048	46,000	TDR	13.50	—	13.50	12.15		
CE3AA048	46,500	TDR	13.50	—	13.50	12.20		
CE3AA060	47,000	TDR	14.00	—	14.00	12.50		
CJ5A/CK5A/CK5BA048	46,000	TDR	13.20	—	13.20	11.85		
CK3BA048	46,000	TDR	13.20	—	13.20	11.85		
CK3BA060	46,500	TDR	13.20	—	13.20	12.00		
COILS + 58U(H,X)V100-20 VARIABLE SPEED FURNACE								
CC5A/CD5AA060	45,500	TDR	13.50	—	13.50	12.15		
CC5A/CD5AC048	45,000	TDR	13.00	—	13.00	11.95		
CC5A/CD5AW048	46,000	TDR	13.50	—	13.50	12.15		
CC5A/CD5AW060	47,000	TDR	14.00	—	14.00	12.50		
CD5AA048	46,000	TDR	13.50	—	13.50	12.15		
CE3AA048	46,500	TDR	13.50	—	13.50	12.20		
CE3AA060	47,000	TDR	14.00	—	14.00	12.50		
CJ5A/CK5A/CK5BA060	46,500	TDR	13.50	—	13.50	12.60		
CJ5A/CK5A/CK5BW048	46,000	TDR	13.50	—	13.50	12.40		
CJ5A/CK5A/CK5BX060	47,500	TDR	14.00	—	14.00	12.90		
CK3BA048	46,000	TDR	13.50	—	13.50	12.40		
CK3BA060	46,500	TDR	13.50	—	13.50	12.60		
COILS + 58U(H,X)V120-20 VARIABLE SPEED FURNACE								
CC5A/CD5AA060	45,500	TDR	13.50	—	13.50	12.15		
CC5A/CD5AC048	45,000	TDR	13.00	—	13.00	11.95		
CC5A/CD5AW048	46,000	TDR	13.50	—	13.50	12.15		
CC5A/CD5AW060	47,000	TDR	14.00	—	14.00	12.50		
CD5AA048	46,000	TDR	13.50	—	13.50	12.15		
CE3AA048	46,500	TDR	13.50	—	13.50	12.20		
CE3AA060	47,000	TDR	14.00	—	14.00	12.50		
CJ5A/CK5A/CK5BA060	46,500	TDR	13.50	—	13.50	12.60		
CJ5A/CK5A/CK5BW048	46,000	TDR	13.50	—	13.50	12.40		
CJ5A/CK5A/CK5BX060	47,500	TDR	14.00	—	14.00	12.90		
CK3BA048	46,000	TDR	13.50	—	13.50	12.40		
CK3BA060	46,500	TDR	13.50	—	13.50	12.60		

See notes on pg. 14.

Combination ratings continued

UNIT SIZE-SERIES	INDOOR UNIT	TOT. CAP. BTUH	FACTORY-SUPPLIED ENHANCEMENT	SEER			EER	
				Standard Rating	Carrier Gas Furnace or Accessory TDR†	Accessory TXV‡		
048-30	CC5A/CD5AW060	47,000	TDR	14.00	—	14.00	12.50	
	CD5AA048	46,000	TDR	13.50	—	13.50	12.15	
	CE3AA048	46,500	TDR	13.50	—	13.50	12.20	
	CE3AA060	47,000	TDR	14.00	—	14.00	12.50	
	CJ5A/CK5A/CK5BA060	46,500	TDR	13.50	—	13.50	12.45	
	CJ5A/CK5A/CK5BW048	46,000	TDR	13.50	—	13.50	12.25	
	CJ5A/CK5A/CK5BX060	47,500	TDR	14.00	—	14.00	12.75	
	CK3BA048	46,000	TDR	13.50	—	13.50	12.25	
	CK3BA060	46,500	TDR	13.50	—	13.50	12.45	
	060-31	CJ5A/CK5A/CK5BX060*	59,000	LLS	—	13.00	—	11.10
CJ5A/CK5A/CK5BA060		58,000	LLS	—	12.50	—	10.95	
CK3BA060		58,000	LLS	—	12.50	—	10.95	
F(A,B)4AN(F,B,C)060		58,000	LLS & TDR	12.20	—	—	10.60	
FG3AAA060		57,000	LLS	—	12.20	—	10.80	
FK4CNB006+Puron® (R-410A) TXV**		59,000	LLS & TDR	13.25	—	—	11.55	
FK4CNB006+96 Piston††		59,000	LLS & TDR	13.25	—	—	11.55	
FV4ANB006		58,000	LLS, TDR, & TXV	13.25	—	—	11.55	
FX4ANB060		58,000	LLS, TDR, & TXV	12.50	—	—	10.95	
COILS + 58MVP100-20 VARIABLE SPEED FURNACE								
CJ5A/CK5A/CK5BA060		57,000	LLS & TDR	12.50	—	—	11.00	
CJ5A/CK5A/CK5BX060		58,000	LLS & TDR	13.00	—	—	11.25	
CK3BA060		57,000	LLS & TDR	12.50	—	—	11.00	
COILS + 58MVP120-20 VARIABLE SPEED FURNACE								
CJ5A/CK5A/CK5BA060		57,000	LLS & TDR	12.75	—	—	11.05	
CJ5A/CK5A/CK5BX060		58,000	LLS & TDR	13.00	—	—	11.30	
CK3BA060		57,000	LLS & TDR	12.75	—	—	11.05	
COILS + 58U(H,X)V100-20 VARIABLE SPEED FURNACE								
CJ5A/CK5A/CK5BA060		57,500	LLS & TDR	13.00	—	—	11.20	
CJ5A/CK5A/CK5BX060		58,500	LLS & TDR	13.25	—	—	11.50	
CK3BA060		57,500	LLS & TDR	13.00	—	—	11.20	
COILS + 58U(H,X)V120-20 VARIABLE SPEED FURNACE								
CJ5A/CK5A/CK5BA060		57,500	LLS & TDR	12.75	—	—	11.05	
CJ5A/CK5A/CK5BX060		58,500	LLS & TDR	13.00	—	—	11.35	
CK3BA060		57,500	LLS & TDR	12.75	—	—	11.05	

* Tested combination

† In most cases, only 1 method should be used to achieve TDR function. Using more than 1 method in a system may cause degradation in performance. Use either the accessory Time-Delay Relay KAATD0101TDR or a furnace equipped with TDR. All Carrier furnaces are equipped with TDR except for the 58GFA.

‡ Based on computer simulation. TXV must be Puron® compatible and hard shutoff type.

** Ratings shown are with FK4C R-22 TXV replaced with Puron® TXV.

†† Ratings shown are with FK4C R-22 TXV replaced with Piston Body Kit and piston shipped with outdoor unit.

EER — Energy Efficiency Ratio

LLS — Liquid-Line Solenoid

SEER — Seasonal Energy Efficiency Ratio

TDR — Time-Delay Relay

TXV — Thermostatic Expansion Valve

- NOTES:**
1. Ratings are net values reflecting the effects of circulating fan motor heat. Supplemental electric heat is not included.
 2. Tested outdoor/indoor combinations have been tested in accordance with DOE test procedures for central air conditioners. Ratings for other combinations are determined under DOE computer simulation procedures.
 3. Determine actual CFM values obtainable for your system by referring to fan performance data in fan coil or furnace coil literature.
 4. Do not apply with capillary tube coils as performance and reliability are significantly affected.

Detailed cooling capacities*

EVAP AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75		85			95			105			115			125			
CFM	EWB	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**			
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡				
38TXA024-30 Outdoor Section With CC5A/CD5AA030 Indoor Section																			
650	72	27.3	12.9	1.47	26.5	12.6	1.64	25.5	12.3	1.83	24.4	11.8	2.03	23.1	11.4	2.26	21.6	10.8	2.50
	67	25.7	16.3	1.47	24.7	16.0	1.63	23.6	15.4	1.82	22.3	14.9	2.02	21.0	14.4	2.23	18.8	13.5	2.46
	63††	22.9	15.5	1.45	21.4	14.8	1.61	20.0	14.2	1.79	18.7	13.6	1.98	17.3	13.0	2.19	15.7	12.3	2.42
	62	22.2	18.8	1.45	20.7	18.0	1.61	19.2	17.3	1.78	17.7	16.6	1.97	16.3	15.9	2.18	15.0	15.0	2.41
	57	20.0	20.0	1.44	18.9	18.9	1.59	17.6	17.6	1.77	17.0	17.0	1.96	16.2	16.2	2.18	15.3	15.3	2.41
750	72	27.7	13.3	1.50	26.9	13.0	1.67	25.9	12.7	1.86	24.8	12.3	2.06	23.4	11.8	2.28	22.0	11.3	2.53
	67	26.1	17.0	1.49	25.2	16.8	1.66	24.0	16.2	1.85	22.8	15.8	2.05	21.5	15.3	2.27	19.1	14.4	2.50
	63††	24.5	16.9	1.49	23.0	16.2	1.65	21.6	15.6	1.83	20.2	15.0	2.03	18.8	14.3	2.24	17.2	13.7	2.47
	62	23.2	20.3	1.48	21.7	19.6	1.64	20.1	18.8	1.82	18.8	18.1	2.01	17.4	17.3	2.22	16.3	16.3	2.46
	57	21.1	21.1	1.47	20.0	20.0	1.63	19.4	19.4	1.81	18.6	18.6	2.01	17.8	17.8	2.23	16.8	16.8	2.46
850	72	27.8	13.5	1.53	27.1	13.3	1.70	26.3	13.1	1.89	25.2	12.8	2.09	23.7	12.3	2.32	22.2	11.8	2.56
	67	26.6	17.8	1.53	25.4	17.3	1.69	24.3	17.0	1.88	23.2	16.7	2.08	21.8	16.2	2.30	20.0	15.5	2.54
	63††	25.2	17.8	1.52	24.0	17.3	1.69	22.8	16.8	1.87	21.6	16.3	2.07	19.9	15.6	2.28	17.6	14.6	2.51
	62	24.3	21.9	1.52	22.5	21.0	1.68	21.1	20.2	1.85	19.7	19.5	2.05	18.4	18.4	2.27	17.5	17.5	2.51
	57	22.7	22.7	1.51	21.6	21.6	1.67	20.9	20.9	1.85	20.0	20.0	2.05	19.2	19.2	2.27	17.5	17.5	2.51

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling		
		Capacity	Power			Capacity	Power	
CC5A/CD5AA	024	1.00	1.00	COILS + 58MVP060-14 VARIABLE SPEED FURNACE				
	030	1.00	1.00	CC5A/CD5AA	024	1.00	0.96	
CC5A/CD5AW	024	1.00	1.00		CC5A/CD5AW	030	1.00	0.95
	030	1.00	1.00	CE3AA		024	1.00	0.96
CE3AA	024	1.00	1.00		CE3AA	030	1.00	0.95
	030	1.00	1.00	CJ5A/CK5A/CK5BW		024	1.00	0.96
CF5AA	024	1.00	1.00		CJ5A/CK5A/CK5BW	030	1.00	0.95
	CJ5A/CK5A/CK5BA	024	1.00	1.00		CK3BA	024	1.00
030		1.00	1.00	CK3BA	030		1.00	0.95
CK3BA	024	1.00	1.00		COILS + 58MVP080-14 VARIABLE SPEED FURNACE			
	030	1.00	1.00	CC5A/CD5AA	024	1.00	0.95	
F(A,B)4AN(F,C)	024	1.00	1.00		CC5A/CD5AW	030	1.00	0.94
	030	1.00	1.00	CE3AA		024	1.00	0.95
FF1(B,C,D)NA	024	1.00	1.00		CE3AA	030	1.00	0.94
	030	1.00	1.00	CJ5A/CK5A/CK5BW		024	1.00	0.95
FG3AAA	024	1.00	1.00		CK3BA	024	1.00	0.94
	FK4CNF	002††	1.08	0.96		CK3BA	030	1.00
003††		1.17	0.95	COILS + 58U(H,X)V060-12 VARIABLE SPEED FURNACE	024		1.00	0.94
003***		1.08	0.92		CC5A/CD5AA		030	1.00
FV4ANF	002	1.08	0.96	CC5A/CD5AA		024	1.00	0.93
	003	1.08	0.95		CC5A/CD5AW	030	1.00	0.93
FX4ANF	030	1.00	1.03	CC5A/CD5AW		024	1.00	0.93
	COILS + 58MVP040-14 VARIABLE SPEED FURNACE				CE3AA	030	1.00	0.93
CC5A/CD5AA	024	1.00	0.95	CE3AA		024	1.00	0.93
	030	1.00	0.94		CJ5A/CK5A/CK5BA	030	1.00	0.93
CC5A/CD5AW	024	1.00	0.95	CJ5A/CK5A/CK5BA		024	1.00	0.93
	030	1.00	0.94		CK3BA	030	1.00	0.93
CE3AA	024	1.00	0.96	CK3BA		024	1.00	0.93
	030	1.00	0.95		CJ5A/CK5A/CK5BW	030	1.00	0.93
CJ5A/CK5A/CK5BW	030	1.00	0.95	CJ5A/CK5A/CK5BW		024	1.00	0.93
	CK3BA	024	1.00		0.95	CK3BA	030	1.00
030		1.00	0.95					

See notes on pg. 24.

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‡	
38TXA030-30 Outdoor Section With CC5A/CD5AA036 Indoor Section																			
875	72	33.4	16.3	1.80	32.2	15.9	1.99	31.1	15.6	2.21	29.7	15.2	2.46	27.9	14.5	2.73	26.0	13.9	3.05
	67	31.4	21.2	1.79	30.0	20.7	1.97	28.6	20.1	2.19	27.0	19.6	2.43	24.5	18.6	2.69	21.7	17.5	2.97
	63††	29.4	20.9	1.77	27.8	20.2	1.96	25.1	19.0	2.15	22.3	17.8	2.37	20.4	17.0	2.63	18.2	16.1	2.91
	62	28.6	25.7	1.77	26.6	24.7	1.95	24.5	23.6	2.15	22.3	22.3	2.37	20.5	20.5	2.63	19.4	19.4	2.93
	57	26.6	26.6	1.75	25.1	25.1	1.93	23.6	23.6	2.14	21.9	21.9	2.37	20.8	20.8	2.63	19.6	19.6	2.93
1000	72	33.9	16.9	1.85	32.7	16.5	2.04	31.6	16.3	2.26	30.0	15.8	2.50	28.2	15.2	2.78	26.3	14.7	3.10
	67	31.9	22.3	1.83	30.5	21.8	2.02	29.0	21.3	2.23	27.4	20.8	2.47	25.2	20.0	2.74	22.3	18.9	3.02
	63††	30.0	22.1	1.82	28.5	21.5	2.00	25.8	20.3	2.20	23.1	19.2	2.42	21.1	18.3	2.68	18.9	17.4	2.96
	62	29.4	27.5	1.81	27.2	26.4	1.99	25.1	25.1	2.19	23.3	23.3	2.43	22.3	22.3	2.69	20.3	20.3	2.99
	57	27.9	27.9	1.80	26.4	26.4	1.99	24.7	24.7	2.19	23.7	23.7	2.43	22.6	22.6	2.70	20.4	20.4	2.99
1125	72	34.2	17.4	1.89	33.0	17.1	2.08	31.7	16.7	2.30	30.1	16.3	2.54	28.5	15.9	2.82	26.5	15.4	3.15
	67	32.2	23.3	1.87	30.8	22.9	2.06	29.3	22.4	2.27	27.7	22.0	2.51	25.7	21.3	2.78	22.7	20.2	3.07
	63††	30.3	23.1	1.86	29.0	22.7	2.05	26.3	21.6	2.25	24.1	20.6	2.47	21.8	19.6	2.73	19.6	18.7	3.01
	62	29.9	29.0	1.86	28.1	27.9	2.04	26.6	26.6	2.25	25.1	25.1	2.49	23.8	23.8	2.75	21.2	21.2	3.04
	57	29.5	29.5	1.85	28.2	28.2	2.04	26.6	26.6	2.25	25.3	25.3	2.49	23.5	23.5	2.75	21.1	21.1	3.04

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	0.99	CC5A/CD5AW	030	0.98	0.95
	036	1.00	1.00		036	1.02	0.95
CC5A/CD5AW	030	0.97	0.99	CE3AA	030	1.00	0.95
CD5AW	036	1.00	1.00		036	1.01	0.95
CE3AA	030	0.97	1.00	CJ5A/CK5A/CK5BW	030	0.98	0.95
	036	0.98	1.00		036	1.02	0.95
CF5AA	036	0.98	1.00	CK3BA	030	0.98	0.95
CJ5A/CK5A/CK5BA	030	0.97	0.99		036	1.02	0.95
	036	1.00	0.99	COILS + 58MVP060-14 VARIABLE SPEED FURNACE			
CJ5A/CK5A/CK5BN	036	0.93	0.99	CC5A/CD5AA	030	0.98	0.95
CJ5A/CK5A/CK5BW	030	0.97	0.99		036	1.02	0.95
	036	1.00	0.99	CC5A/CD5AW	030	0.98	0.95
CK3BA	030	0.97	0.99		036	1.02	0.95
	036	1.00	0.99	CE3AA	030	1.00	0.95
F(A,B)4ANF	030	0.99	0.99		036	1.01	0.95
	036	1.00	1.01	CJ5A/CK5A/CK5BA	036	1.02	0.95
FF1(A,B)NA	030	0.99	1.00		CJ5A/CK5A/CK5BW	030	0.98
FG3AAA	036	0.98	1.00	CK3BA		030	0.98
FK4CNF	001††	1.00	0.94		036	1.02	0.95
	001***	0.99	0.92	COILS + 58MVP080-14 VARIABLE SPEED FURNACE			
	002††	1.00	0.94	CC5A/CD5AA	030	0.99	0.94
	003††	1.02	0.92		036	1.02	0.94
003***	1.00	0.90	CC5A/CD5AW	030	0.99	0.94	
FV4ANF	002	1.00		0.94	036	1.02	0.94
	003	1.02	0.92	CE3AA	030	1.00	0.94
FX4ANF	030	0.99	0.99		036	1.01	0.94
	036	1.00	1.02	CJ5A/CK5A/CK5BW	030	0.99	0.95
COILS + 58MVP040-14 VARIABLE SPEED FURNACE					036	1.02	0.94
CC5A/CD5AA	030	0.98	0.95	CK3BA	030	0.99	0.95
	036	1.02	0.95		036	1.02	0.94

See notes on pg. 24.

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‡		
38TXA030-30 Outdoor Section With CC5A/CD5AA036 Indoor Section continued																				
875	72	33.4	16.3	1.80	32.2	15.9	1.99	31.1	15.6	2.21	29.7	15.2	2.46	27.9	14.5	2.73	26.0	13.9	3.05	
	67	31.4	21.2	1.79	30.0	20.7	1.97	28.6	20.1	2.19	27.0	19.6	2.43	24.5	18.6	2.69	21.7	17.5	2.97	
	63††	29.4	20.9	1.77	27.8	20.2	1.96	25.1	19.0	2.15	22.3	17.8	2.37	20.4	17.0	2.63	18.2	16.1	2.91	
	62	28.6	25.7	1.77	26.6	24.7	1.95	24.5	23.6	2.15	22.3	22.3	2.37	20.5	20.5	2.63	19.4	19.4	2.93	
57	26.6	26.6	1.75	25.1	25.1	1.93	23.6	23.6	2.14	21.9	21.9	2.37	20.8	20.8	2.63	19.6	19.6	2.93		
1000	72	33.9	16.9	1.85	32.7	16.5	2.04	31.6	16.3	2.26	30.0	15.8	2.50	28.2	15.2	2.78	26.3	14.7	3.10	
	67	31.9	22.3	1.83	30.5	21.8	2.02	29.0	21.3	2.23	27.4	20.8	2.47	25.2	20.0	2.74	22.3	18.9	3.02	
	63††	30.0	22.1	1.82	28.5	21.5	2.00	25.8	20.3	2.20	23.1	19.2	2.42	21.1	18.3	2.68	18.9	17.4	2.96	
	62	29.4	27.5	1.81	27.2	26.4	1.99	25.1	25.1	2.19	23.3	23.3	2.43	22.3	22.3	2.69	20.3	20.3	2.99	
57	27.9	27.9	1.80	26.4	26.4	1.99	24.7	24.7	2.19	23.7	23.7	2.43	22.6	22.6	2.70	20.4	20.4	2.99		
1125	72	34.2	17.4	1.89	33.0	17.1	2.08	31.7	16.7	2.30	30.1	16.3	2.54	28.5	15.9	2.82	26.5	15.4	3.15	
	67	32.2	23.3	1.87	30.8	22.9	2.06	29.3	22.4	2.27	27.7	22.0	2.51	25.7	21.3	2.78	22.7	20.2	3.07	
	63††	30.3	23.1	1.86	29.0	22.7	2.05	26.3	21.6	2.25	24.1	20.6	2.47	21.8	19.6	2.73	19.6	18.7	3.01	
	62	29.9	29.0	1.86	28.1	27.9	2.04	26.6	26.6	2.25	25.1	25.1	2.49	23.8	23.8	2.75	21.2	21.2	3.04	
57	29.5	29.5	1.85	28.2	28.2	2.04	26.6	26.6	2.25	25.3	25.3	2.49	23.5	23.5	2.75	21.1	21.1	3.04		

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
COILS + 58U(H,X)V060-12 VARIABLE SPEED FURNACE				COILS + 58U(H,X)V080-16 VARIABLE SPEED FURNACE			
CC5A/CD5AA	030	0.97	0.93	CC5A/CD5AA	030	0.97	0.91
	036	1.00	0.93		036	1.01	0.91
CC5A/CD5AW	030	0.97	0.93	CC5A/CD5AW	030	0.97	0.91
	036	1.00	0.93		036	1.01	0.91
CE3AA	030	0.98	0.93	CE3AA	030	0.99	0.92
	036	0.99	0.93		036	0.99	0.92
CJ5A/CK5A/CK5BA	030	0.97	0.92	CJ5A/CK5A/CK5BW	030	0.97	0.91
	036	1.00	0.92		036	1.00	0.91
CJ5A/CK5A/CK5BN	036	0.93	0.93	CK3BA	030	0.97	0.91
CJ5A/CK5A/CK5BW	030	0.97	0.92		036	1.00	0.91
CK3BA	030	0.97	0.92	—	—	—	—
	036	1.00	0.92				

See notes on pg. 24.

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‡	
38TXA036-30 Outdoor Section With CC5A/CD5AA042 Indoor Section																			
1050	72	40.4	19.6	2.15	39.0	19.2	2.40	37.4	18.6	2.66	35.6	18.0	2.96	33.4	17.3	3.28	30.9	16.4	3.64
	67	38.0	25.3	2.14	36.4	24.8	2.38	34.6	24.1	2.65	32.5	23.3	2.94	30.4	22.4	3.24	26.5	20.9	3.57
	63††	34.9	24.6	2.12	32.5	23.6	2.35	30.1	22.5	2.60	27.5	21.4	2.87	24.9	20.3	3.17	22.3	19.2	3.50
	62	33.9	30.2	2.12	31.6	29.1	2.34	29.2	27.9	2.59	26.7	26.5	2.86	24.5	24.5	3.17	23.2	23.2	3.51
	57	31.3	31.3	2.09	29.5	29.5	2.32	27.5	27.5	2.57	26.4	26.4	2.86	25.1	25.1	3.17	23.6	23.6	3.51
1200	72	41.0	20.3	2.20	39.7	19.9	2.45	38.1	19.4	2.72	36.2	18.9	3.02	33.9	18.1	3.34	31.4	17.3	3.70
	67	38.5	26.5	2.19	37.0	26.1	2.43	35.0	25.3	2.69	33.1	24.7	2.99	30.9	23.9	3.30	26.9	22.4	3.62
	63††	36.1	26.3	2.18	33.6	25.2	2.41	31.1	24.1	2.66	28.3	23.0	2.93	26.0	22.0	3.24	23.3	20.9	3.56
	62	34.8	32.4	2.17	32.4	31.2	2.39	30.0	29.7	2.65	27.9	27.9	2.93	26.8	26.8	3.25	24.6	24.6	3.58
	57	32.7	32.7	2.15	31.0	31.0	2.38	29.9	29.9	2.64	28.7	28.7	2.94	27.3	27.3	3.25	24.8	24.8	3.58
1350	72	41.4	20.9	2.25	40.2	20.6	2.50	38.2	19.9	2.76	36.4	19.4	3.06	34.2	18.8	3.38	31.7	18.2	3.75
	67	39.0	27.8	2.24	37.4	27.3	2.48	35.5	26.7	2.74	33.5	26.1	3.03	31.2	25.4	3.35	27.2	23.8	3.68
	63††	36.9	27.8	2.23	34.5	26.8	2.46	31.9	25.7	2.71	29.4	24.6	2.99	26.9	23.6	3.30	24.2	22.4	3.62
	62	35.8	34.5	2.22	33.2	32.9	2.45	31.1	31.1	2.70	30.0	30.0	3.00	28.6	28.6	3.32	25.8	25.8	3.65
	57	34.8	34.8	2.22	33.3	33.3	2.45	32.0	32.0	2.72	30.7	30.7	3.01	28.3	28.3	3.32	25.9	25.9	3.65

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	036	1.00	1.00	COILS + 58MVP060-14 VARIABLE SPEED FURNACE			
	042	1.00	1.00	CC5A/CD5AA	036	1.00	0.98
CC5A/CD5AW	042	1.00	1.00		042	1.00	0.97
CD5AW	036	1.00	1.00	CC5A/CD5AW	042	1.00	0.97
CE3AA	036	1.00	1.00	CD5AW	036	1.00	0.98
	042	1.00	1.00		036	1.00	0.98
CF5AA	036	1.00	1.00	CE3AA	042	1.00	0.98
CJ5A/CK5A/CK5BA	036	1.00	1.00	CJ5A/CK5A/CK5BA	036	1.00	0.98
	042	1.00	1.00		042	0.97	0.98
CJ5A/CK5A/CK5BN	042	0.97	1.00	CK3BA	036	1.00	0.98
CJ5A/CK5A/CK5BW	036	1.00	1.00		042	1.00	0.97
CK3BA	036	1.00	1.00	COILS + 58MVP080-14 VARIABLE SPEED FURNACE			
	042	1.00	1.00	CC5A/CD5AA	036	1.00	0.97
F(A,B)4ANF	036	1.00	1.00		042	1.00	0.96
F(A,B)4AN(F,B)	042	1.00	1.00	CC5A/CD5AW	042	1.00	0.96
FG3AAA	036	1.00	1.00	CD5AW	036	1.00	0.97
FK4CNF	002†††	1.00	0.94	CE3AA	036	1.00	0.97
	003†††	1.00	0.93		042	1.00	0.96
	005†††	1.03	0.96	CJ5A/CK5A/CK5BA	042	1.00	0.96
	005***	1.00	0.91	CJ5A/CK5A/CK5BW	036	1.00	0.97
FV4ANF	002	1.00	0.94	CK3BA	036	1.00	0.97
	003	1.00	0.93		042	1.00	0.96
	005	1.03	0.96		COILS + 58MVP080-20 VARIABLE SPEED FURNACE		
FX4ANF	036	0.97	1.00	CC5A/CD5AA	036	1.00	0.96
	042	1.00	1.00		042	1.00	0.95
COILS + 58MVP040-14 VARIABLE SPEED FURNACE				CC5A/CD5AW	042	1.00	0.95
CC5A/CD5AA	036	1.00	0.98	CD5AW	036	1.00	0.96
	042	1.00	0.97		CE3AA	036	1.00
CC5A/CD5AW	042	1.00	0.97	042		1.00	0.96
CE3AA	036	1.00	0.98	CJ5A/CK5A/CK5BA	042	1.00	0.97
	042	1.00	0.98		CJ5A/CK5A/CK5BW	036	1.00
CJ5A/CK5A/CK5BA	042	1.00	0.98	CK3BA	036	1.00	0.98
CJ5A/CK5A/CK5BW	036	1.00	0.98		042	1.00	0.97
CK3BA	036	1.00	0.98	—	—	—	—
	042	1.00	0.98				

See notes on pg. 24.

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‡	
38TXA036-30 Outdoor Section With CC5A/CD5AA042 Indoor Section continued																			
1050	72	40.4	19.6	2.15	39.0	19.2	2.40	37.4	18.6	2.65	35.6	18.0	2.96	33.4	17.3	3.28	30.9	16.4	3.64
	67	38.0	25.3	2.14	36.4	24.8	2.38	34.6	24.1	2.65	32.5	23.3	2.94	30.4	22.4	3.24	26.5	20.9	3.57
	63††	34.9	24.6	2.12	32.5	23.6	2.35	30.1	22.5	2.60	27.5	21.4	2.87	24.9	20.3	3.17	22.3	19.2	3.50
	62	33.9	30.2	2.12	31.6	29.1	2.34	29.2	27.9	2.59	26.7	26.5	2.86	24.5	24.5	3.17	23.2	23.2	3.51
57	31.3	31.3	2.09	29.5	29.5	2.32	27.5	27.5	2.57	26.4	26.4	2.86	25.1	25.1	3.17	23.6	23.6	3.51	
1200	72	41.0	20.3	2.20	39.7	19.9	2.45	38.1	19.4	2.72	36.2	18.9	3.02	33.9	18.1	3.34	31.4	17.3	3.70
	67	38.5	26.5	2.19	37.0	26.1	2.43	35.0	25.3	2.69	33.1	24.7	2.99	30.9	23.9	3.30	26.9	22.4	3.62
	63††	36.1	26.3	2.18	33.6	25.2	2.41	31.1	24.1	2.66	28.3	23.0	2.93	26.0	22.0	3.24	23.3	20.9	3.56
	62	34.8	32.4	2.17	32.4	31.2	2.39	30.0	29.7	2.65	27.9	27.9	2.93	26.8	26.8	3.25	24.6	24.6	3.58
57	32.7	32.7	2.15	31.0	31.0	2.38	29.9	29.9	2.64	28.7	28.7	2.94	27.3	27.3	3.25	24.8	24.8	3.58	
1350	72	41.4	20.9	2.25	40.2	20.6	2.50	38.2	19.9	2.76	36.4	19.4	3.06	34.2	18.8	3.38	31.7	18.2	3.75
	67	39.0	27.8	2.24	37.4	27.3	2.48	35.5	26.7	2.74	33.5	26.1	3.03	31.2	25.4	3.35	27.2	23.8	3.68
	63††	36.9	27.8	2.23	34.5	26.8	2.46	31.9	25.7	2.71	29.4	24.6	2.99	26.9	23.6	3.30	24.2	22.4	3.62
	62	35.8	34.5	2.22	33.2	32.9	2.45	31.1	31.1	2.70	30.0	30.0	3.00	28.6	28.6	3.32	25.8	25.8	3.65
57	34.8	34.8	2.22	33.3	33.3	2.45	32.0	32.0	2.72	30.7	30.7	3.01	28.3	28.3	3.32	25.9	25.9	3.65	

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
COILS + 58MVP100-20 VARIABLE SPEED FURNACE				COILS + 58U(H,X)V080-16 VARIABLE SPEED FURNACE			
CC5A/CD5AA	036	1.00	0.96	CC5A/CD5AA	036	1.00	0.93
	042	1.00	0.95		042	1.00	0.92
CC5A/CD5AW	042	1.00	0.95	CC5A/CD5AW	042	1.00	0.92
CD5AW	036	1.00	0.96	CD5AW	036	1.00	0.93
CE3AA	036	1.00	0.96	CE3AA	036	1.00	0.93
	042	1.00	0.96		042	1.00	0.93
CJ5A/CK5A/CK5BA	042	1.00	0.95	CJ5A/CK5A/CK5BA	042	1.00	0.93
CJ5A/CK5A/CK5BW	036	1.00	0.96	CJ5A/CK5A/CK5BW	036	1.00	0.93
CK3BA	036	1.00	0.96	CK3BA	036	1.00	0.93
	042	1.00	0.95		042	1.00	0.93
COILS + 58MVP120-20 VARIABLE SPEED FURNACE				COILS + 58U(H,X)V100-20 VARIABLE SPEED FURNACE			
CC5A/CD5AA	036	1.00	0.96	CC5A/CD5AA	036	1.00	0.92
	042	1.00	0.95		042	1.00	0.92
CC5A/CD5AW	042	1.00	0.95	CD5AW	036	1.00	0.92
CD5AW	036	1.00	0.96	CE3AA	036	1.00	0.92
CE3AA	036	1.00	0.96		042	1.00	0.92
	042	1.00	0.96	CJ5A/CK5A/CK5BA	042	1.00	0.91
CJ5A/CK5A/CK5BA	042	1.00	0.95	CJ5A/CK5A/CK5BW	036	1.00	0.92
CJ5A/CK5A/CK5BW	036	1.00	0.96	CK3BA	036	1.00	0.92
CK3BA	036	1.00	0.96		042	1.00	0.91
	042	1.00	0.95	COILS + 58U(H,X)V120-20 VARIABLE SPEED FURNACE			
COILS + 58U(H,X)V060-12 VARIABLE SPEED FURNACE				CC5A/CD5AA	036	1.00	0.93
CC5A/CD5AA	036	1.00	0.95		042	1.00	0.92
	042	1.00	0.94	CC5A/CD5AW	042	1.00	0.92
CC5A/CD5AW	042	1.00	0.94	CD5AW	036	1.00	0.93
CD5AW	036	1.00	0.95	CE3AA	036	1.00	0.93
CE3AA	036	1.00	0.95		042	1.00	0.93
	042	1.00	0.94	CJ5A/CK5A/CK5BA	042	1.00	0.92
CJ5A/CK5A/CK5BA	036	1.00	0.95	CJ5A/CK5A/CK5BW	036	1.00	0.92
CK3BA	036	1.00	0.95	CK3BA	036	1.00	0.92
	042	1.00	0.94		042	1.00	0.92

See notes on pg. 24.

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‡	
38TXA042-30 Outdoor Section With CD5AA048 Indoor Section																			
1225	72	46.7	22.7	2.49	45.2	22.3	2.77	43.3	21.6	3.09	41.2	20.9	3.44	38.8	20.1	3.83	36.0	19.2	4.26
	67	44.0	29.5	2.47	42.3	28.9	2.75	39.8	27.8	3.05	37.7	27.1	3.40	35.4	26.3	3.79	31.4	24.7	4.18
	63††	40.5	28.7	2.44	37.8	27.5	2.70	35.0	26.3	3.00	32.0	25.0	3.32	30.2	24.3	3.70	27.8	23.3	4.11
	62	39.3	35.4	2.43	36.7	34.1	2.69	33.9	32.7	2.98	31.1	30.9	3.31	29.5	29.5	3.69	27.9	27.9	4.11
	57	36.4	36.4	2.40	34.3	34.3	2.67	32.1	32.1	2.96	30.8	30.8	3.30	29.4	29.4	3.69	27.7	27.7	4.11
1400	72	47.1	23.3	2.55	45.8	23.0	2.83	43.9	22.5	3.15	41.8	21.8	3.51	39.3	21.1	3.90	36.5	20.2	4.33
	67	44.3	30.5	2.52	42.7	30.2	2.81	40.5	29.4	3.12	38.4	28.8	3.47	35.9	27.9	3.85	31.7	26.4	4.25
	63††	42.1	30.7	2.51	39.3	29.5	2.78	36.4	28.3	3.07	33.6	27.1	3.40	31.8	26.3	3.79	27.9	24.7	4.18
	62	40.5	37.9	2.50	37.8	36.5	2.76	35.0	34.8	3.06	32.7	32.7	3.39	31.2	31.2	3.78	29.5	29.5	4.21
	57	38.1	38.1	2.48	36.2	36.2	2.74	35.0	35.0	3.05	33.6	33.6	3.40	32.2	32.2	3.79	29.3	29.3	4.20
1575	72	47.5	23.9	2.61	46.2	23.7	2.90	44.4	23.2	3.22	41.8	22.4	3.56	39.5	21.8	3.95	36.8	21.1	4.40
	67	44.9	31.9	2.58	43.0	31.5	2.86	41.1	31.1	3.18	38.8	30.3	3.53	36.3	29.6	3.92	32.0	28.0	4.32
	63††	42.5	32.0	2.57	40.5	31.4	2.85	37.6	30.1	3.15	35.0	29.1	3.48	33.1	28.3	3.87	27.9	26.0	4.24
	62	41.6	40.2	2.57	38.9	38.5	2.83	36.5	36.5	3.13	35.4	35.4	3.49	32.7	32.7	3.86	30.7	30.7	4.29
	57	40.7	40.7	2.56	39.0	39.0	2.83	37.6	37.6	3.15	35.8	35.8	3.49	33.5	33.5	3.87	30.7	30.7	4.29

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	042	1.00	1.00	CD5AA	048	1.00	0.99
CC5A/CD5AC	048	0.99	1.00	CE3AA	042	0.99	1.01
CC5A/CD5AW	042	0.99	1.00		048	0.99	1.01
COILS + 58MVP060-14 VARIABLE SPEED FURNACE							
CD5AA	048	1.00	1.00	CC5A/CD5AA	042	1.00	1.00
CE3AA	042	1.01	1.00	CC5A/CD5AC	048	0.99	0.99
	048	1.01	1.00	CC5A/CD5AW	042	0.99	1.00
CF5AA	048	1.00	1.00	048	0.99	0.99	
CJ5A/CK5A/CK5BA	042	1.00	1.00	CD5AA	048	0.99	0.99
	048	1.00	1.00	CE3AA	042	1.00	1.00
CJ5A/CK5A/CK5BN	042	0.98	1.00		048	1.00	1.01
048	0.98	1.00	COILS + 58MVP080-14 VARIABLE SPEED FURNACE				
CJ5A/CK5A/CK5BW	048	1.00	1.00	CC5A/CD5AA	042	1.00	0.98
CK3BA	042	1.00	1.00	CC5A/CD5AC	048	0.99	0.97
	048	1.00	1.00	CC5A/CD5AW	042	0.99	0.98
F(A,B)4AN(F,B)	042	1.00	1.00	048	1.00	0.97	
	048	1.01	1.00	CD5AA	048	1.00	0.97
FG3AAA	048	0.99	1.00	CE3AA	042	1.01	0.98
FK4CNB	006††	1.02	0.90		048	1.01	0.99
	006***	1.01	0.92	CJ5A/CK5A/CK5BA	042	1.00	0.99
FK4CNF	003††	0.98	0.92	048	1.00	0.98	
	005††	1.01	0.91	CK3BA	042	1.00	0.99
FV4ANB	006	1.02	0.90		048	1.00	0.98
FV4ANF	003	0.98	0.92	COILS + 58MVP080-20 VARIABLE SPEED FURNACE			
	005	1.01	0.91	CC5A/CD5AA	042	1.00	0.98
FX4ANF	042	0.99	1.00	CC5A/CD5AC	048	0.99	0.96
	048	1.00	1.01	CC5A/CD5AW	042	0.99	0.98
				048	1.00	0.96	
COILS + 58MVP040-14 VARIABLE SPEED FURNACE							
CC5A/CD5AA	042	1.00	1.01	CC5AA	048	1.00	0.96
CC5A/CD5AC	048	0.99	0.99	CE3AA	042	1.01	0.98
CC5A/CD5AW	042	0.99	1.00		048	1.01	0.98
	048	1.00	0.99		—	—	—

See notes on pg. 24.

Detailed cooling capacities* continued

EVAP AIR		CONDENSER ENTERING AIR TEMPERATURES °F																		
		75			85			95			105			115			125			
CFM	EWB	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**	
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		
38TXA042-30 Outdoor Section With CD5AA048 Indoor Section continued																				
1225	72	46.7	22.7	2.49	45.2	22.3	2.77	43.3	21.6	3.09	41.2	20.9	3.44	38.8	20.1	3.83	36.0	19.2	4.26	
	67	44.0	29.5	2.47	42.3	28.9	2.75	39.8	27.8	3.05	37.7	27.1	3.40	35.4	26.3	3.79	31.4	24.7	4.18	
	63††	40.5	28.7	2.44	37.8	27.5	2.70	35.0	26.3	3.00	32.0	25.0	3.32	30.2	24.3	3.70	27.8	23.3	4.11	
	62	39.3	35.4	2.43	36.7	34.1	2.69	33.9	32.7	2.98	31.1	30.9	3.31	29.5	29.5	3.69	27.9	27.9	4.11	
	57	36.4	36.4	2.40	34.3	34.3	2.67	32.1	32.1	2.96	30.8	30.8	3.30	29.4	29.4	3.69	27.7	27.7	4.11	
1400	72	47.1	23.3	2.55	45.8	23.0	2.83	43.9	22.5	3.15	41.8	21.8	3.51	39.3	21.1	3.90	36.5	20.2	4.33	
	67	44.3	30.5	2.52	42.7	30.2	2.81	40.5	29.4	3.12	38.4	28.8	3.47	35.9	27.9	3.85	31.7	26.4	4.25	
	63††	42.1	30.7	2.51	39.3	29.5	2.78	36.4	28.3	3.07	33.6	27.1	3.40	31.8	26.3	3.79	27.9	24.7	4.18	
	62	40.5	37.9	2.50	37.8	36.5	2.76	35.0	34.8	3.06	32.7	32.7	3.39	31.2	31.2	3.78	29.5	29.5	4.21	
	57	38.1	38.1	2.48	36.2	36.2	2.74	35.0	35.0	3.05	33.6	33.6	3.40	32.2	32.2	3.79	29.3	29.3	4.20	
1575	72	47.5	23.9	2.61	46.2	23.7	2.90	44.4	23.2	3.22	41.8	22.4	3.56	39.5	21.8	3.95	36.8	21.1	4.40	
	67	44.9	31.9	2.58	43.0	31.5	2.86	41.1	31.1	3.18	38.8	30.3	3.53	36.3	29.6	3.92	32.0	28.0	4.32	
	63††	42.5	32.0	2.57	40.5	31.4	2.85	37.6	30.1	3.15	35.0	29.1	3.48	33.1	28.3	3.87	27.9	26.0	4.24	
	62	41.6	40.2	2.57	38.9	38.5	2.83	36.5	36.5	3.13	35.4	35.4	3.49	32.7	32.7	3.86	30.7	30.7	4.29	
	57	40.7	40.7	2.56	39.0	39.0	2.83	37.6	37.6	3.15	35.8	35.8	3.49	33.5	33.5	3.87	30.7	30.7	4.29	

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
COILS + 58MVP100-20 VARIABLE SPEED FURNACE				CE3AA	042	1.00	0.94
CC5A/CD5AA	042	1.00	0.98				
CC5A/CD5AC	048	0.99	0.96	CJ5A/CK5A/CK5BA	042	0.99	0.94
CC5A/CD5AW	042	0.99	0.98				
	048	1.00	0.96	CK3BA	042	0.99	0.94
CC5AA	048	1.00	0.96				
CE3AA	042	1.01	0.98	COILS + 58U(H,X)V100-20 VARIABLE SPEED FURNACE			
	048	1.01	0.98	CC5A/CD5AA	042	1.00	0.92
CJ5A/CK5A/CK5BA	042	1.00	0.98	CC5A/CD5AC	048	0.99	0.91
CJ5A/CK5A/CK5BW	048	1.00	0.97	CC5A/CD5AW	042	0.99	0.92
CK3BA	042	1.00	0.98		048	1.00	0.92
	048	1.00	0.97	CD5AA	048	1.00	0.92
COILS + 58MVP120-20 VARIABLE SPEED FURNACE				CE3AA	042	1.01	0.92
CC5A/CD5AA	042	1.00	0.98				
CC5A/CD5AC	048	0.99	0.98	CJ5A/CK5A/CK5BA	042	1.00	0.92
CC5A/CD5AW	042	0.99	0.98				
	048	1.00	0.96	CK3BA	042	1.00	0.92
CD5AA	048	1.00	0.96				
CE3AA	042	1.01	0.98	COILS + 58U(H,X)V120-20 VARIABLE SPEED FURNACE			
	048	1.01	0.98	CC5A/CD5AA	042	1.00	0.94
CJ5A/CK5A/CK5BA	042	1.00	0.97	CC5A/CD5AC	048	0.98	0.93
CJ5A/CK5A/CK5BW	048	1.00	0.96	CC5A/CD5AW	042	0.99	0.93
CK3BA	042	1.00	0.97		048	1.00	0.93
	048	1.00	0.96	CD5AA	048	1.00	0.93
COILS + 58U(H,X)V080-16 VARIABLE SPEED FURNACE				CE3AA	042	1.00	0.94
CC5A/CD5AA	042	0.99	0.94				
CC5A/CD5AC	048	0.98	0.93	CJ5A/CK5A/CK5BA	042	1.00	0.93
CC5A/CD5AW	042	0.99	0.94				
	048	1.00	0.93	CK3BA	042	1.00	0.93
CD5AA	048	1.00	0.93				

See notes on pg. 24.

Detailed cooling capacities* continued

EVAP AIR		CONDENSER ENTERING AIR TEMPERATURES °F																	
		75			85			95			105			115			125		
CFM	EWB	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**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
38TXA048-30 Outdoor Section With CC5A/CD5AA060 Indoor Section																			
1400	72	53.0	25.6	2.87	51.3	25.0	3.18	49.4	24.3	3.53	47.2	23.6	3.93	44.8	22.8	4.36	42.1	21.9	4.83
	67	50.3	33.2	2.85	48.0	32.2	3.16	45.8	31.4	3.51	43.5	30.5	3.89	41.0	29.6	4.32	38.4	28.6	4.80
	63††	47.2	32.8	2.84	45.0	31.8	3.14	42.8	30.9	3.49	40.5	29.9	3.88	38.1	28.8	4.30	33.9	27.0	4.76
	62	46.2	40.4	2.83	44.0	39.3	3.14	41.5	38.1	3.48	38.9	36.8	3.86	36.1	35.3	4.28	33.2	33.2	4.75
	57	42.3	42.3	2.81	40.1	40.1	3.12	38.0	38.0	3.46	36.7	36.7	3.85	35.2	35.2	4.28	33.6	33.6	4.75
1600	72	53.9	26.4	2.94	52.2	25.9	3.26	50.2	25.2	3.61	48.0	24.5	4.00	45.5	23.8	4.44	42.4	22.6	4.90
	67	51.1	34.7	2.92	48.7	33.7	3.23	46.5	32.9	3.58	44.1	32.2	3.96	41.6	31.3	4.39	38.8	30.4	4.86
	63††	48.1	34.5	2.91	45.8	33.5	3.22	43.7	32.8	3.57	41.3	31.7	3.95	38.7	30.6	4.37	34.4	28.8	4.83
	62	47.2	43.0	2.91	45.1	42.0	3.22	42.4	40.6	3.56	39.7	39.0	3.94	37.0	37.0	4.36	34.5	34.5	4.83
	57	45.0	45.0	2.89	42.6	42.6	3.20	40.4	40.4	3.55	39.0	39.0	3.93	37.5	37.5	4.36	35.4	35.4	4.83
1800	72	53.7	26.7	3.00	52.9	26.7	3.33	50.9	26.1	3.68	47.9	25.0	4.06	45.6	24.3	4.50	42.3	23.1	4.96
	67	51.5	35.9	2.99	49.5	35.3	3.30	47.2	34.6	3.65	44.8	33.9	4.04	42.0	32.8	4.46	39.1	31.9	4.93
	63††	48.6	35.9	2.97	46.5	35.1	3.29	44.4	34.5	3.64	41.9	33.4	4.02	39.2	32.3	4.45	35.2	30.6	4.91
	62	47.8	45.0	2.97	45.7	44.1	3.29	43.1	42.6	3.63	40.5	40.5	4.02	39.0	39.0	4.45	36.7	36.7	4.92
	57	46.6	46.6	2.97	44.8	44.8	3.28	42.5	42.5	3.63	41.1	41.1	4.02	39.0	39.0	4.45	36.7	36.7	4.92

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CC5A/CD5AA	060	1.00	1.00	CC5A/CD5AW	048	0.99	1.00
CC5A/CD5AC	048	0.97	0.99		060	1.01	0.99
CC5A/CD5AW	048	0.99	1.00	CD5AA	048	0.99	1.00
	060	1.01	1.00	CE3AA	048	1.00	1.01
CD5AA	048	0.99	1.00		060	1.01	1.00
CE3AA	048	1.00	1.00	COILS + 58MVP100-20 VARIABLE SPEED FURNACE			
	060	1.01	1.01	CC5A/CD5AA	060	1.00	1.00
CF5AA	048	0.99	0.99	CC5A/CD5AC	048	0.97	1.00
CJ5A/CK5A/CK5BA	048	0.99	1.00	CC5A/CD5AW	048	0.99	1.00
	060	1.00	1.00		060	1.01	0.99
CJ5A/CK5A/CK5BN	048	0.95	1.00	CD5AA	048	0.99	1.00
	060	0.98	1.01	CE3AA	048	1.00	1.01
CJ5A/CK5A/CK5BW	048	0.99	1.00		060	1.01	1.00
CJ5A/CK5A/CK5BX	060	1.01	1.01	CJ5A/CK5A/CK5BA	060	1.00	1.00
CK3BA	048	0.99	1.00	CJ5A/CK5A/CK5BN	060	0.98	1.00
	060	1.00	1.00	CJ5A/CK5A/CK5BX	060	1.02	1.00
F(A,B)4AN(F,B)	048	0.99	1.02	CK3BA	060	1.00	1.00
	060	0.98	1.04	COILS + 58MVP120-20 VARIABLE SPEED FURNACE			
FB4ANB	070	1.01	1.02	CC5A/CD5AA	060	1.00	1.00
FC4BN(F,B)	048	1.02	1.02	CC5A/CD5AC	048	0.97	1.00
FG3AAA	048	0.99	1.00	CC5A/CD5AW	048	0.99	1.00
	060	1.00	1.00		060	1.01	0.99
FK4CNB	006	1.02	0.93	CD5AA	048	0.99	1.00
	006***	1.01	0.93	CE3AA	048	1.00	1.01
FV4ANB	006	1.02	0.93		060	1.001	1.00
FX4ANB	060	1.01	1.04	CJ5A/CK5A/CK5BA	060	1.00	0.99
FX4ANF	048	0.99	1.03	CJ5A/CK5A/CK5BW	048	0.99	0.99
COILS + 58MVP080-20 VARIABLE SPEED FURNACE				CJ5A/CK5A/CK5BX	060	1.02	0.99
CC5A/CD5AA	060	1.00	1.00	CK3BA	048	0.99	0.99
CC5A/CD5AC	048	0.97	1.00		060	1.00	0.99

See notes on pg. 24.

Detailed cooling capacities* continued

EVAP AIR		CONDENSER ENTERING AIR TEMPERATURES °F																		
		75			85			95			105			115			125			
CFM	EWB	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**	
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		
38TXA048-30 Outdoor Section With CC5A/CD5AA060 Indoor Section continued																				
1400	72	53.0	25.6	2.87	51.3	25.0	3.18	49.4	24.3	3.53	47.2	23.6	3.93	44.8	22.8	4.36	42.1	21.9	4.83	
	67	50.3	33.2	2.85	48.0	32.2	3.16	45.8	31.4	3.51	43.5	30.5	3.89	41.0	29.6	4.32	38.4	28.6	4.80	
	63††	47.2	32.8	2.84	45.0	31.8	3.14	42.8	30.9	3.49	40.5	29.9	3.88	38.1	28.8	4.30	33.9	27.0	4.76	
	62	46.2	40.4	2.83	44.0	39.3	3.14	41.5	38.1	3.48	38.9	36.8	3.86	36.1	35.3	4.28	33.2	33.2	4.75	
57	42.3	42.3	2.81	40.1	40.1	3.12	38.0	38.0	3.46	36.7	36.7	3.85	35.2	35.2	4.28	33.6	33.6	4.75		
1600	72	53.9	26.4	2.94	52.2	25.9	3.26	50.2	25.2	3.61	48.0	24.5	4.00	45.5	23.8	4.44	42.4	22.6	4.90	
	67	51.1	34.7	2.92	48.7	33.7	3.23	46.5	32.9	3.58	44.1	32.2	3.96	41.6	31.3	4.39	38.8	30.4	4.86	
	63††	48.1	34.5	2.91	45.8	33.5	3.22	43.7	32.8	3.57	41.3	31.7	3.95	38.7	30.6	4.37	34.4	28.8	4.83	
	62	47.2	43.0	2.91	45.1	42.0	3.22	42.4	40.6	3.56	39.7	39.0	3.94	37.0	37.0	4.36	34.5	34.5	4.83	
57	45.0	45.0	2.89	42.6	42.6	3.20	40.4	40.4	3.55	39.0	39.0	3.93	37.5	37.5	4.36	35.4	35.4	4.83		
1800	72	53.7	26.7	3.00	52.9	26.7	3.33	50.9	26.1	3.68	47.9	25.0	4.06	45.6	24.3	4.50	42.3	23.1	4.96	
	67	51.5	35.9	2.99	49.5	35.3	3.30	47.2	34.6	3.65	44.8	33.9	4.04	42.0	32.8	4.46	39.1	31.9	4.93	
	63††	48.6	35.9	2.97	46.5	35.1	3.29	44.4	34.5	3.64	41.9	33.4	4.02	39.2	32.3	4.45	35.2	30.6	4.91	
	62	47.8	45.0	2.97	45.7	44.1	3.29	43.1	42.6	3.63	40.5	40.5	4.02	39.0	39.0	4.45	36.7	36.7	4.92	
57	46.6	46.6	2.97	44.8	44.8	3.28	42.5	42.5	3.63	41.1	41.1	4.02	39.0	39.0	4.45	36.7	36.7	4.92		

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
COILS + 58U(H,X)V080-16 VARIABLE SPEED FURNACE				CJ5A/CK5A/CK5BA	060	1.00	0.93
CC5A/CD5AA	060	0.98	0.94	CJ5A/CK5A/CK5BW	048	0.99	0.93
CC5A/CD5AC	048	0.97	0.94	CJ5A/CK5A/CK5BX	060	1.02	0.93
CC5A/CD5AW	048	1.00	0.94	CK3BA	048	0.99	0.93
	060	1.01	0.94		060	1.00	0.93
CD5AA	048	0.99	0.94	COILS + 58U(H,X)V120-20 VARIABLE SPEED FURNACE			
CE3AA	048	1.00	0.95	CC5A/CD5AA	060	0.98	0.94
	060	1.01	0.95	CC5A/CD5AC	048	0.97	0.94
CJ5A/CK5A/CK5BA	048	0.99	0.96	CC5A/CD5AW	048	0.99	0.94
CK3BA	048	0.99	0.96		060	1.01	0.94
	060	1.00	0.96	CD5AA	048	0.99	0.94
COILS + 58U(H,X)V100-20 VARIABLE SPEED FURNACE				CE3AA	048	1.00	0.95
CC5A/CD5AA	060	0.98	0.94		060	1.01	0.95
CC5A/CD5AC	048	0.97	0.94	CJ5A/CK5A/CK5BA	060	1.00	0.94
CC5A/CD5AW	048	0.99	0.94	CJ5A/CK5A/CK5BW	048	0.99	0.94
	060	1.01	0.94	CJ5A/CK5A/CK5BX	060	1.02	0.93
CD5AA	048	0.99	0.94	CK3BA	048	0.99	0.94
CE3AA	048	1.00	0.95		060	1.00	0.94
	060	1.01	0.95		—	—	—

See notes on pg. 24.

Detailed cooling capacities* continued

EVAP AIR		CONDENSER ENTERING AIR TEMPERATURES °F																		
		75			85			95			105			115			125			
CFM	EWB	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**	
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		
38TXA060-31 Outdoor Section With CJ5A/CK5A/CK5BX060 Indoor Section																				
1600	72	67.9	32.7	3.87	64.9	31.5	4.30	62.9	30.8	4.80	58.4	29.1	5.31	54.9	27.9	5.90	50.7	26.6	6.53	
	67	64.0	41.3	3.82	61.6	40.6	4.27	58.5	39.5	4.75	54.7	38.2	5.27	50.4	36.6	5.84	45.8	34.9	6.46	
	63††	60.2	41.0	3.79	57.5	39.9	4.23	54.2	38.6	4.70	50.3	37.0	5.22	46.3	35.5	5.79	41.8	33.7	6.42	
	62	59.6	50.5	3.78	57.0	49.7	4.22	53.4	48.1	4.69	49.4	46.3	5.21	45.2	44.4	5.78	41.2	41.2	6.41	
	57	56.3	56.3	3.77	54.1	54.1	4.21	50.9	50.9	4.67	47.9	47.9	5.20	44.7	44.7	5.78	41.2	41.2	6.41	
1800	72	69.4	33.8	3.96	66.3	32.6	4.39	62.8	31.2	4.87	58.2	29.4	5.38	54.8	28.4	5.96	51.0	27.3	6.60	
	67	65.4	43.3	3.91	62.3	42.0	4.34	59.3	41.1	4.83	55.5	39.9	5.35	51.2	38.4	5.92	46.4	36.8	6.54	
	63††	60.8	42.2	3.87	58.3	41.4	4.30	55.0	40.2	4.78	51.1	38.7	5.30	47.1	37.4	5.87	42.3	35.6	6.49	
	62	60.6	52.8	3.86	58.0	52.3	4.31	54.3	50.7	4.78	50.2	48.8	5.29	46.3	46.3	5.87	42.6	42.6	6.49	
	57	58.2	58.2	3.86	55.3	55.3	4.28	52.6	52.6	4.76	49.5	49.5	5.28	46.1	46.1	5.86	42.6	42.6	6.49	
2000	72	68.9	33.9	4.02	65.8	32.6	4.45	62.1	31.2	4.93	59.7	30.7	5.48	54.6	28.7	6.02	50.9	27.9	6.66	
	67	65.6	44.2	3.98	62.6	42.9	4.41	59.7	42.4	4.90	56.0	41.4	5.43	51.7	40.1	6.00	46.9	38.7	6.61	
	63††	62.1	44.2	3.95	58.9	42.6	4.38	55.6	41.7	4.86	51.7	40.4	5.37	47.7	39.2	5.95	42.6	37.2	6.56	
	62	61.3	55.1	3.94	58.8	54.7	4.38	55.1	53.1	4.85	51.1	50.8	5.37	47.4	47.4	5.95	43.8	43.8	6.58	
	57	59.7	59.7	3.94	56.8	56.8	4.36	53.9	53.9	4.84	50.7	50.7	5.36	47.3	47.3	5.94	43.8	43.8	6.58	

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
CJ5A/CK5A/CK5BA	060	0.98	1.00	COILS + 58MVP120-20 VARIABLE SPEED FURNACE			
CJ5A/CK5A/CK5BX	060	1.00	1.00	CJ5A/CK5A/CK5BA	060	0.97	0.97
CK3BA	060	0.98	1.00	CJ5A/CK5A/CK5BX	060	0.98	0.97
F(A,B)4AN(F,B,C)	060	0.98	1.04	CK3BA	060	0.97	0.97
FB4ANB	070	1.00	1.02	COILS + 58U(H,X)V100-20 VARIABLE SPEED FURNACE			
FG3AAA	060	0.97	0.99	CJ5A/CK5A/CK5BA	060	0.97	0.98
FK4CNB	006	1.00	0.97	CJ5A/CK5A/CK5BX	060	0.99	0.97
FV4ANB	006	0.98	0.97	CK3BA	060	0.97	0.98
FX4ANB	060	0.98	1.01	COILS + 58U(H,X)V120-20 VARIABLE SPEED FURNACE			
COILS + 58MVP100-20 VARIABLE SPEED FURNACE				CJ5A/CK5A/CK5BA	060	0.97	0.99
CJ5A/CK5A/CK5BA	060	0.97	0.98	CJ5A/CK5A/CK5BX	060	0.99	0.98
CJ5A/CK5A/CK5BX	060	0.98	0.98	CK3BA	060	0.97	0.99
CK3BA	060	0.97	0.98		—	—	—

* 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).

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

** Unit kw is outdoor unit kilowatts only.

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

‡‡ Data are with FK4C R-22 TXV replaced with Puron® TXV.

*** Data are with FK4C R-22 TXV replaced with Piston Body Kit and piston shipped with outdoor unit.

Condenser only ratings*

SST °F		CONDENSER ENTERING AIR TEMPERATURES °F							
		55	65	75	85	95	105	115	125
38TXA024-30									
30	TCG	25.9	24.5	23.1	21.7	20.3	18.9	17.5	16.0
	SDT	75.0	85.0	95.0	105.0	115.0	125.0	135.0	145.0
	KW	1.30	1.48	1.68	1.90	2.13	2.39	2.66	2.96
35	TCG	28.7	27.1	25.6	24.1	22.5	21.0	19.4	17.7
	SDT	75.0	85.0	95.0	105.0	115.0	125.0	135.0	145.0
	KW	1.28	1.46	1.66	1.88	2.12	2.38	2.66	2.96
40	TCG	31.6	29.9	28.2	26.6	24.9	23.2	21.5	19.6
	SDT	75.2	85.1	95.1	105.0	115.0	125.0	135.0	145.0
	KW	1.26	1.44	1.65	1.87	2.11	2.37	2.65	2.96
45	TCG	34.7	32.9	31.1	29.2	27.4	25.6	23.7	21.7
	SDT	75.8	85.6	95.5	105.0	115.0	125.0	135.0	145.0
	KW	1.24	1.43	1.63	1.85	2.10	2.36	2.65	2.96
50	TCG	37.9	36.0	34.0	32.1	30.1	28.1	26.0	23.9
	SDT	76.7	86.4	96.2	106.0	116.0	126.0	136.0	146.0
	KW	1.23	1.42	1.62	1.84	2.09	2.36	2.64	2.96
55	TCG	41.3	39.2	37.2	35.1	32.9	30.8	28.5	26.2
	SDT	77.9	87.5	97.1	107.0	117.0	126.0	136.0	146.0
	KW	1.22	1.41	1.61	1.84	2.09	2.35	2.64	2.96
38TXA030-30									
30	TCG	29.9	28.2	26.6	25.0	23.4	21.8	20.2	18.4
	SDT	75.3	85.3	95.3	105.0	115.0	125.0	135.0	145.0
	KW	1.42	1.61	1.82	2.07	2.34	2.64	2.98	3.36
35	TCG	32.9	31.1	29.4	27.7	25.9	24.1	22.3	20.4
	SDT	75.9	85.8	95.7	106.0	116.0	126.0	135.0	146.0
	KW	1.42	1.61	1.82	2.06	2.33	2.63	2.96	3.34
40	TCG	36.1	34.2	32.3	30.5	28.6	26.6	24.6	22.5
	SDT	76.7	86.5	96.3	106.0	116.0	126.0	136.0	146.0
	KW	1.42	1.61	1.82	2.06	2.32	2.62	2.96	3.33
45	TCG	39.5	37.5	35.4	33.4	31.3	29.2	27.1	24.7
	SDT	77.8	87.5	97.2	107.0	117.0	127.0	137.0	147.0
	KW	1.43	1.61	1.82	2.06	2.33	2.62	2.96	3.33
50	TCG	43.1	40.9	38.7	36.5	34.3	32.0	29.6	27.1
	SDT	79.2	88.8	98.4	108.0	118.0	128.0	138.0	147.0
	KW	1.44	1.63	1.83	2.07	2.33	2.63	2.96	3.33
55	TCG	46.9	44.5	42.2	39.8	37.4	34.9	32.3	29.6
	SDT	80.8	90.2	99.8	109.0	119.0	129.0	139.0	148.0
	KW	1.46	1.64	1.85	2.08	2.35	2.64	2.98	3.34
38TXA036-30									
30	TCG	36.3	34.4	32.4	30.4	28.2	26.0	23.7	21.1
	SDT	72.2	81.8	91.3	101.0	110.0	120.0	129.0	139.0
	KW	1.67	1.90	2.16	2.44	2.74	3.06	3.39	3.73
35	TCG	39.8	37.8	35.6	33.5	31.2	28.8	26.3	23.6
	SDT	73.5	83.1	92.7	102.0	112.0	121.0	130.0	140.0
	KW	1.68	1.91	2.17	2.45	2.75	3.08	3.43	3.78
40	TCG	43.5	41.3	39.0	36.7	34.3	31.8	29.1	26.2
	SDT	75.0	84.5	94.0	104.0	113.0	122.0	132.0	141.0
	KW	1.68	1.91	2.17	2.46	2.77	3.10	3.46	3.83
45	TCG	47.4	45.1	42.7	40.1	37.6	34.8	32.0	28.9
	SDT	76.6	86.0	95.4	105.0	114.0	124.0	133.0	142.0
	KW	1.68	1.92	2.18	2.47	2.79	3.13	3.49	3.87
50	TCG	51.5	49.1	46.5	43.8	41.0	38.1	35.0	31.7
	SDT	78.3	87.6	97.0	106.0	116.0	125.0	134.0	143.0
	KW	1.69	1.93	2.19	2.48	2.80	3.15	3.52	3.91
55	TCG	55.9	53.2	50.5	47.6	44.6	41.5	38.2	34.6
	SDT	80.1	89.3	98.6	108.0	117.0	126.0	135.0	144.0
	KW	1.70	1.93	2.20	2.50	2.82	3.17	3.54	3.94

See notes on pg. 26.

Condenser only ratings* continued

SST °F		CONDENSER ENTERING AIR TEMPERATURES °F							
		55	65	75	85	95	105	115	125
38TXA042-30									
30	TCG	41.4	39.2	37.0	34.8	32.5	30.2	27.8	25.3
	SDT	72.3	82.0	91.8	102.0	111.0	121.0	130.0	140.0
	KW	1.85	2.10	2.39	2.72	3.07	3.46	3.89	4.36
35	TCG	45.4	43.0	40.6	38.2	35.7	33.2	30.6	27.8
	SDT	73.7	83.4	93.1	103.0	112.0	122.0	131.0	141.0
	KW	1.86	2.12	2.41	2.74	3.09	3.49	3.92	4.39
40	TCG	49.6	47.0	44.5	41.8	39.1	36.4	33.5	30.5
	SDT	75.2	84.8	94.4	104.0	114.0	123.0	133.0	142.0
	KW	1.88	2.14	2.43	2.76	3.12	3.51	3.94	4.41
45	TCG	54.0	51.3	48.5	45.7	42.7	39.8	36.7	33.3
	SDT	76.7	86.3	95.9	106.0	115.0	125.0	134.0	143.0
	KW	1.89	2.16	2.45	2.78	3.14	3.54	3.97	4.44
50	TCG	58.8	55.8	52.8	49.7	46.6	43.3	39.9	36.3
	SDT	78.4	87.9	97.4	107.0	117.0	126.0	135.0	144.0
	KW	1.92	2.18	2.47	2.80	3.17	3.57	4.00	4.47
55	TCG	63.8	60.6	57.4	54.0	50.6	47.1	43.4	39.5
	SDT	80.2	89.6	99.1	109.0	118.0	127.0	137.0	145.0
	KW	1.94	2.20	2.50	2.83	3.20	3.60	4.03	4.50
38TXA048-30									
30	TCG	45.8	43.3	40.9	38.5	36.0	33.6	31.0	28.4
	SDT	72.0	82.0	92.0	102.0	112.0	122.0	132.0	142.0
	KW	2.11	2.40	2.73	3.09	3.52	3.98	4.51	5.09
35	TCG	50.6	47.9	45.2	42.6	39.9	37.2	34.4	31.5
	SDT	72.0	82.0	92.0	102.0	112.0	122.0	132.0	142.0
	KW	2.10	2.39	2.71	3.08	3.49	3.96	4.48	5.06
40	TCG	55.7	52.8	49.9	47.0	44.1	41.1	38.1	34.9
	SDT	72.3	82.1	92.0	102.0	112.0	122.0	132.0	142.0
	KW	2.10	2.38	2.70	3.06	3.47	3.93	4.45	5.02
45	TCG	60.9	57.8	54.7	51.7	48.6	45.4	42.1	38.5
	SDT	73.6	83.2	92.7	102.0	112.0	122.0	132.0	142.0
	KW	2.13	2.40	2.71	3.06	3.46	3.91	4.42	4.99
50	TCG	66.3	63.0	59.7	56.4	53.1	49.8	46.2	42.5
	SDT	75.1	84.6	94.1	104.0	113.0	123.0	132.0	142.0
	KW	2.17	2.44	2.75	3.09	3.48	3.92	4.41	4.96
55	TCG	72.1	68.5	65.0	61.4	57.8	54.2	50.5	46.5
	SDT	76.7	86.1	95.6	105.0	114.0	124.0	133.0	143.0
	KW	2.21	2.48	2.79	3.14	3.52	3.95	4.43	4.96
38TXA060-31									
30	TCG	57.0	54.0	51.1	48.1	45.1	42.1	39.0	35.6
	SDT	73.9	83.4	93.1	103.0	112.0	122.0	132.0	142.0
	KW	2.80	3.19	3.63	4.12	4.67	5.29	5.99	6.77
35	TCG	62.4	59.2	56.0	52.8	49.6	46.3	43.0	39.4
	SDT	75.4	84.9	94.5	104.0	114.0	123.0	133.0	142.0
	KW	2.85	3.24	3.67	4.16	4.71	5.32	6.00	6.76
40	TCG	68.2	64.7	61.2	57.7	54.3	50.7	47.1	43.3
	SDT	77.1	86.6	96.0	105.0	115.0	124.0	134.0	143.0
	KW	2.91	3.29	3.73	4.22	4.76	5.37	6.04	6.78
45	TCG	74.3	70.5	66.8	63.0	59.3	55.4	51.4	47.3
	SDT	79.0	88.3	97.7	107.0	117.0	126.0	135.0	144.0
	KW	2.97	3.36	3.79	4.28	4.83	5.43	6.10	6.84
50	TCG	80.7	76.7	72.7	68.6	64.5	60.3	56.0	51.5
	SDT	80.9	90.2	99.5	109.0	118.0	127.0	137.0	146.0
	KW	3.03	3.42	3.86	4.36	4.90	5.50	6.17	6.90
55	TCG	87.6	83.2	78.9	74.4	70.0	65.5	60.8	55.9
	SDT	83.0	92.2	101.0	111.0	120.0	129.0	138.0	147.0
	KW	3.11	3.50	3.94	4.44	4.98	5.59	6.25	6.98

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

KW — Total Power (Kw)

SDT — Saturated Temperature Leaving Compressor (°F)

SST — Saturated Temperature Entering Compressor (°F)

TCG — Gross Cooling Capacity (1000 Btuh)

System design summary

1. Intended for outdoor installation with free air inlet and outlet. Outdoor fan external static pressure available is less than 0.01-in. wc.
2. Minimum outdoor operating air temperature without low-ambient operation accessory is 55°F (12.8°C).
3. Maximum outdoor operating air temperature is 125°F (51.7°C).
4. For reliable operation, unit should be level in all horizontal planes.
5. Maximum elevation of indoor coil above or below base of outdoor unit is: Indoor coil above = 30 ft, indoor coil below = 30 ft.
6. For interconnecting refrigerant tube lengths greater than 50 ft, consult Residential Split System Application Guide-line 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. For buried lines longer than 3 ft, consult your local distributor.
8. Use only copper wire for electric connection at unit. Aluminum and clad aluminum are not acceptable for the type of connector provided.
9. Mix-matches of indoor coil capacity more than one size larger than outdoor unit capacity may result in inadequate indoor comfort.
10. Do not apply capillary tube indoor coils to these units.
11. Factory-supplied filter drier must be installed.

Guide specifications

Air-Cooled, Split-System Air Conditioner 38TXA 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 standard 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.

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 an SEER of _____ Btuh/watt or greater at DOE conditions.

Electrical Requirements

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

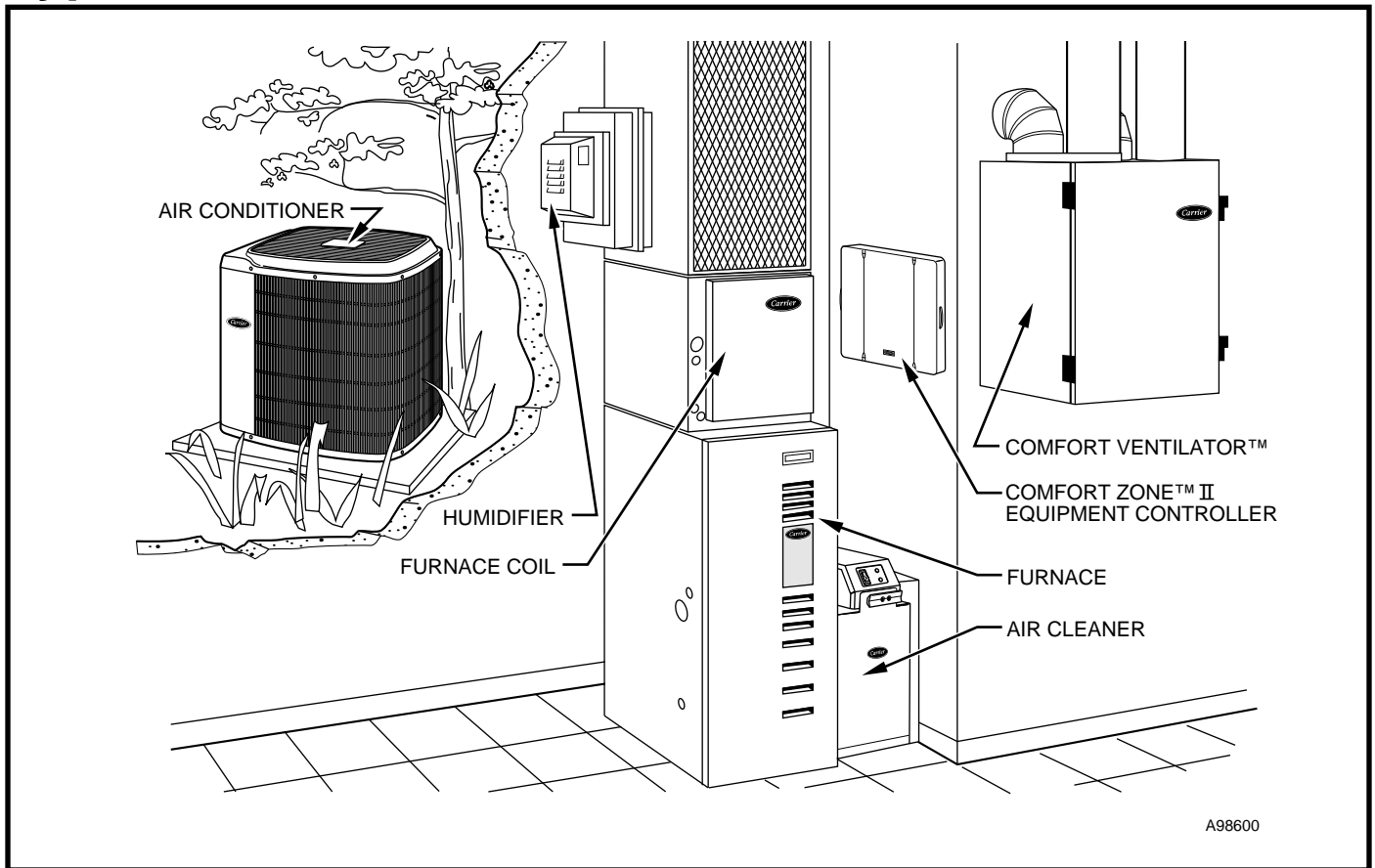
Unit electrical power will be single point connection.

Control circuit will be 24v.

Special Features

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

Typical installation



SERVICE TRAINING

Packaged Service Training programs are an excellent way to increase your knowledge of the equipment discussed in this manual, including:

- Unit Familiarization
- Maintenance
- Installation Overview
- Operating Sequence

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