



# MODEL: SA13 Air Conditioners

FORM NO. ASC-221 REV. 3



## Sure Comfort® SA13 Air Conditioners

- **Efficiencies 13-15 SEER/11.5-13 EER**
- **Nominal Sizes 1½ to 5 Ton [5.28 to 17.6 kW]**
- **Cooling Capacities 17.3 to 60.5 kBTU [5.7 to 17.7 kW]**



"Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet Energy Star. Ask your Contractor for details or visit [www.energystar.gov](http://www.energystar.gov)."

- Composite base pan – dampens sound, secures wire grille, eliminates corrosion and reduces number of fasteners needed
- Powder coat paint finish – for a long lasting professional finish
- Scroll compressor – uses 70% fewer moving parts for higher efficiency and increased reliability
- Modern cabinet aesthetics – increased curb appeal with visually appealing design
- Wire grille – provides ultimate coil protection, enhanced cabinet strength, and increased cabinet rigidity
- Optimized fan orifice – optimizes airflow and reduces unit sound
- Rust resistant screws – confirmed through 1500-hour salt spray testing
- Service valve has between 3"-4"-5" service space – provides a minimum working area of 27-square inches for easier access
- 15" wide, industry leading corner service access – makes repairs easier and faster.
- External gauge port access – allows easy connection of "low-loss" gauge ports
- Single-row condenser coil – makes unit lighter and allows thorough coil cleaning to maintain "out of the box" performance
- Fewer cabinet fasteners – allow for faster access to internal components and hassle-free panel removal
- Service trays – hold fasteners or caps during service calls
- QR code – provides technical information on demand for faster service calls
- Fan motor harness with extra long wires allows unit top to be removed without disconnecting fan wire.

## Table of Contents

Standard Feature .....	3
Available SKUs .....	3
Features & Benefits .....	4-5
Model Number Identification .....	6-7
General Data/Electrical Data .....	8
Accessories .....	9
Weighted Sound Power .....	9
Unit Dimensions.....	10
Clearances.....	11
Wiring Diagrams .....	12
Application Guidelines.....	12
Refrigerant Line Size Information.....	13-16
Performance Data .....	17-36
Guide Specifications .....	37
Limited Warranty .....	38

## Standard Feature Table

Feature	STANDARD FEATURES						
	18	24	30	36	42	48	60
R-410a Refrigerant	√	√	√	√	√	√	√
Maximum SEER	14.5	14.0	15.0	15.0	14.0	13.5	13.5
Maximum EER	12.5	12.0	13.0	13.0	12.0	11.5	11.5
Scroll Compressor	√	√	√	√	√	√	√
Field Installed Filter Drier	√	√	√	√	√	√	√
Front Seating Service Valves	√	√	√	√	√	√	√
Internal Pressure Relief Valve	√	√	√	√	√	√	√
Internal Thermal Overload	√	√	√	√	√	√	√
Long Line capability	√	√	√	√	√	√	√
Low Ambient capability with Kit	√	√	√	√	√	√	√
Expanded Valve Space	√	√	√	√	√	√	√
Composite Basepan	√	√	√	√	√	√	√
3 Screw Control Box Access	√	√	√	√	√	√	√
15" Access to Internal Components	√	√	√	√	√	√	√
Optimized Venturi Airflow	√	√	√	√	√	√	√
Single row condenser coil	√	√	√	√	√	√	√
Powder coated paint	√	√	√	√	√	√	√
Rust resistant screws	√	√	√	√	√	√	√
QR code	√	√	√	√	√	√	√
External gauge ports	√	√	√	√	√	√	√
Service trays	√	√	√	√	√	√	√

√ = Standard

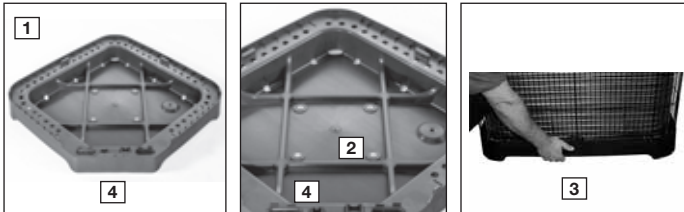
## Available SKUs

Available Models	Description
SA1318AJ1NA	Sure Comfort® 1 1/2 ton 13 SEER Single-Stage Air Conditioner-208/230/1/60
SA1324BJ1NA	Sure Comfort® 2 ton 13 SEER Single-Stage Air Conditioner-208/230/1/60
SA1330AJ1NA	Sure Comfort® 2 1/2 ton 13 SEER Single-Stage Air Conditioner-208/230/1/60
SA1336AJ1NA	Sure Comfort® 3 ton 13 SEER Single-Stage Air Conditioner-208/230/1/60
SA1342AJ1NA	Sure Comfort® 3 1/2 ton 13 SEER Single-Stage Air Conditioner-208/230/1/60
SA1348AJ1NA	Sure Comfort® 4 ton 13 SEER Single-Stage Air Conditioner-208/230/1/60
SA1360AJ1NA	Sure Comfort® 5 ton 13 SEER Single-Stage Air Conditioner-208/230/1/60
SA1318AJ1NB	Sure Comfort® 1 1/2 ton 13 SEER Single-Stage Air Conditioner w/ High/Low Pressure-208/230/1/60
SA1324BJ1NB	Sure Comfort® 2 ton 13 SEER Single-Stage Air Conditioner w/ High/Low Pressure-208/230/1/60
SA1330AJ1NB	Sure Comfort® 2 1/2 ton 13 SEER Single-Stage Air Conditioner w/ High/Low Pressure-208/230/1/60
SA1336AJ1NB	Sure Comfort® 3 ton 13 SEER Single-Stage Air Conditioner w/ High/Low Pressure-208/230/1/60
SA1342AJ1NB	Sure Comfort® 3 1/2 ton 13 SEER Single-Stage Air Conditioner w/ High/Low Pressure-208/230/1/60
SA1348AJ1NB	Sure Comfort® 4 ton 13 SEER Single-Stage Air Conditioner w/ High/Low Pressure-208/230/1/60
SA1360AJ1NB	Sure Comfort® 5 ton 13 SEER Single-Stage Air Conditioner w/ High/Low Pressure-208/230/1/60
SA1336AC1NB	Sure Comfort® 3 ton 13 SEER Single-Stage Air Conditioner w/ High/Low Pressure-208/230/3/60
SA1342AC1NB	Sure Comfort® 3 1/2 ton 13 SEER Single-Stage Air Conditioner w/ High/Low Pressure-208/230/3/60
SA1348AC1NB	Sure Comfort® 4 ton 13 SEER Single-Stage Air Conditioner w/ High/Low Pressure-208/230/3/60
SA1360AC1NB	Sure Comfort® 5 ton 13 SEER Single-Stage Air Conditioner w/ High/Low Pressure-208/230/3/60
SA1336AD1NB	Sure Comfort® 3 ton 13 SEER Single-Stage Air Conditioner w/ High/Low Pressure-460/3/60
SA1342AD1NB	Sure Comfort® 3 1/2 ton 13 SEER Single-Stage Air Conditioner w/ High/Low Pressure-460/3/60
SA1348AD1NB	Sure Comfort® 4 ton 13 SEER Single-Stage Air Conditioner w/ High/Low Pressure-460/3/60
SA1360AD1NB	Sure Comfort® 5 ton 13 SEER Single-Stage Air Conditioner w/ High/Low Pressure-460/3/60

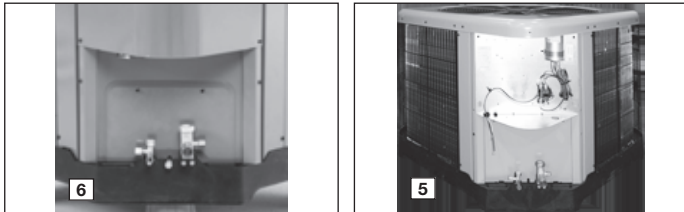
## Introduction to SA13 Air Conditioner

The SA13 is our 13 SEER air conditioner and is part of the Sure Comfort air conditioner product line that extends from 13 to 17 SEER. This highly featured and reliable air conditioner is designed for years of reliable, efficient operation when matched with Sure Comfort indoor aluminum evaporator coils and furnaces or air handler units with aluminum evaporators.

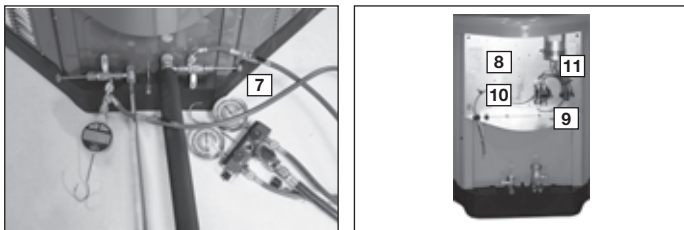
Our unique composite base (1) reduces sound emission, eliminates rattles, reduces fasteners, eliminates corrosion and has integrated brass compressor attachment inserts (2). Furthermore it has incorporated into the design, water management features, means for hand placement (3) for unit maneuvering, screw trays (4) and inserts for lifting off unit pad. (5)



Service Valves (6) are rigidly mounted in the composite base with 3" between suction and discharge valves, 4" clearance below service valves and a minimum of 5" above the service valves, creating industry leading installation ease.

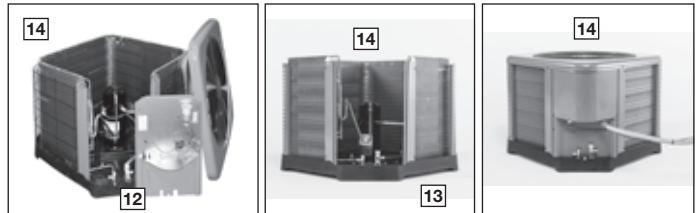


The minimum 27 square-inches around the service valves allows ample room to remove service valve schrader prior to brazing, plenty of clearance for easy brazing of the suction and discharge lines to service valve outlets, easy access and hookup of low loss refrigerant gauges (7), and access to the service valve caps for opening. For applications with long-line lengths up to 250 feet total equivalent length, up to 200 feet condenser above evaporator, or up to 80 feet evaporator above condenser, the long-line instructions in the installation manual should be followed.



Controls are accessed from the corner of the unit by removing only three fasteners from the control access cover, revealing the industry's largest 15" wide and 14" tall control area (8). With all this room in the control area the high voltage electrical whip (9) can easily be inserted through the right size opening in the bottom of the control area. Routing it leads directly to contractor lugs for connection. The low voltage control wires (10) are easily connected to units low voltage wiring. If contactor or capacitor (11) needs to be replaced there is more than adequate space to make the repair.

If in the rare event, greater access is needed to internal components, such as the compressor, the top cover can be removed easily. Furthermore with the top cover removed the control panel can be removed (12). Extra wire length is incorporated into each outdoor fan and compressor so top cover and control panel can be positioned next to the unit. With minimal effort the plug can be removed from the compressor and the outdoor fan wires can be removed from the capacitor to allow even more uncluttered access to the interior of the unit (13). Outdoor coil heights range from as short as 22" to 32", aiding access to the compressor. Disassembly to this degree and complete reassembly only takes a first time service technician less than 10 minutes. (13)



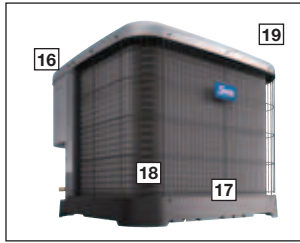
All SA13 units utilize single row coils (14) making cleaning easy and complete, restoring the performance of the air conditioner back to out of the box performance levels year after year.

The outdoor fan motor has sleeve bearings and is inherently protected. The motor is totally enclosed for maximum protection from weather, dust and corrosion. Access to the outdoor fan is made by removing four fasteners from the fan grille. The outdoor fan can be removed from the fan grille by removing 4 fasteners in the rare case outdoor fan motor fails.

Each cabinet has optimized composite (15) fan orifice assuring efficient and quiet airflow.

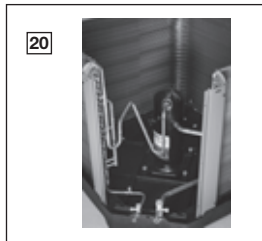


All cabinet painted parts have powder post paint (16) achieving 1000 hour salt spray rating, allowing the cabinet to retain its aesthetics throughout its life.



Scroll compressors with standard internal pressure relief and internal thermal overload are used on all capacities assuring longevity of high efficient and quiet operation for the life of the product.

Each unit is shipped with filter drier for field installation and will trap any moisture or dirt that could contaminate the refrigerant system.



Cabinets are durable and strong due to the composite base pan (17), wire grille (18), and drawn top cover (19).

Each SA13 capacity has undergone rigorous psychometric testing to assure performance ratings of capacity, SEER and EER per AHRI Standard 210/240 rating conditions. Also each unit bears the UL mark and each unit is certified to UL 1995 safety standards.



Each unit has undergone specific strain and modal testing to assure tubing (20) is outside the units natural frequency and that the suction and discharge lines connected to the compressor withstand any starting, steady state operation or shut down forces imposed by the compressor.

All units have been sound tested in sound chamber to AHRI 270 rating conditions, and A-weighted Sound Power Level tables produced, assuring units have acceptable noise qualities (see page 9). Each unit has been ran in cooling operation at 95°F and 82°F and sound ratings for the SA13 range from as low as 74 dBA to 77 dBA.

All units have been ship tested to assure units meet stringent “over the road” shipping conditions.

As manufactured all units in the SA13 family have cooling capability to 55 °F. Addition of low ambient control will allow the unit to operate down to 0°F. Factory testing is performed on each unit. All component parts meet well defined specification and continually go through receiving inspections. Each component installed on a unit is scanned, assuring correct component utilization for a given unit capacity and voltage. All condenser coils are leak tested with pressurization test to 550#’s and once installed and assembled, each units’ complete refrigerant system is helium leak tested. All units are fully charged from the factory for up to 15 feet of piping. All units are factory run tested. The SA13 has a 10-year conditional compressor and parts warranty (registration required).

## Optional Accessories

(Refer to accessory chart for model #)

### Compressor Crankcase Heater

Protects against refrigerant migration that can occur during low ambient operation

### Compressor Sound Cover

- Reinforced vinyl compressor cover containing a 1½ inch thick batt of fiberglass insulation
- Open edges are sealed with a one-inch wide hook and loop fastening tape

### Compressor Hard Start Kit

- Single-phase units are equipped with a PSC compressor motor, this type of motor normally does not need a potential relay and start capacitor
- Kit may be required to increase the compressor starting torque, in conditions such as low voltage

### Low Ambient Kit

- Air conditioners operate satisfactorily in the cooling mode down to 55°F outdoor air temperature without any additional controls
- This Kit can be added in the field enabling unit to operate properly down to 0° in the cooling mode
- Crankcase heater and freezestat should be installed on compressors equipped with a low ambient kit

### Low Pressure

- Can be added in field enabling the unit to shut off compressor on loss of charge

NOTE: Unit can be purchased with high and low pressure installed at factory. (Refer to SKU list)

### High Pressure

- Can be added in field enabling unit to shut off compressor if unit loses outdoor fan operation.

NOTE: Unit can be purchased with high and low pressure installed at factory. (Refer to SKU list)

## Air Conditioners\*

S	A	13	24	A	J	1	N	A	*
Brand	Product Category	SEER	Capacity BTU/HR	Major Series*	Voltage	Type	Controls	Minor Series**	Option Code
Sure Comfort	A - Air Conditioners	13 - 13 SEER 14 - 14 SEER 16 - 16 SEER 17 - 17 SEER	18 - 18,000 [5.28 kW] 24 - 24,000 [7.03 kW] 30 - 30,000 [8.79 kW] 36 - 36,000 [10.55 kW] 42 - 42,000 [12.31 kW] 48 - 48,000 [14.07 kW] 60 - 60,000 [17.58 kW]	A - 1st Design B - Major Revision	J - 1ph, 208-230/60 C - 3ph, 208-230/60 D - 3ph, 460/60	1 - Single-stage 2 - Two-stage	N - Non-Communicating	A - 1st Design B - High and Low Pressure Control	N/A

\*See page 3 for available SKU's.

## Heat Pumps (For Reference)\*\*

S	P	14	24	A	J	1	N	A	*
Brand	Product Category	SEER	Capacity BTU/HR	Major Series*	Voltage	Type	Controls	Minor Series**	Option Code
Sure Comfort	P - Heat Pump	13 - 13 SEER 14 - 14 SEER 15 - 15 SEER 16 - 16 SEER	18 - 18,000 [5.28 kW] 24 - 24,000 [7.03 kW] 30 - 30,000 [8.79 kW] 36 - 36,000 [10.55 kW] 42 - 42,000 [12.31 kW] 48 - 48,000 [14.07 kW] 60 - 60,000 [17.58 kW]	A - 1st Design	J - 1ph, 208-230/60 C - 3ph, 208-230/60 D - 3ph, 460/60	1 - Single-stage 2 - Two-stage	N - Non-Communicating	A - 1st Design	N/A

## Furnace Coils (For Reference)\*\*

I	C	F	17	S	T	A	M	C	A	*
Brand	Product Category	Type	Width	Efficiency	Metering Device	Major Series*	Orientation	Casing	Minor Series**	Option Code
Sure Comfort	C - Evap Coil F - Furn Coil H - Air-Handler Coil	F - Furn Coil H - Air-Handler Coil	14 - 14" 17 - 17.5" 21 - 21" 24 - 24.5"	S - Standard Eff. M - Mid Eff. H - High Eff.	T - TXV	A - 1st Design	M - Multipoise V - Vertical only/ convertible H - Ded. Horizontal only	C - Cased U - Uncased	A - 1st Design	N/A

\*\*Model number ID's are for reference only. See available SKU page of applicable spec sheet for table of available SKU's for a specific model.

[ ] Designates Metric Conversions

**90%+ AFUE Gas Furnaces (For Reference)\*\***

S	96	V	A	70	2	3	17	M	S	A
Brand	Series	Motor	Major Rev	Input BTU/HR	Stages	Air Flow	Cabinet Width	Configuration	Nox	Minor Rev
Sure Comfort	92 - 92 AFUE 95 - 95 AFUE 96 - 96 AFUE	V - Variable speed T - Constant Torque (X-13) P - PSC	A - 1st Design	040 - 42,000 [12.31 kW] 060 - 56,000 [16.41 kW] 070 - 70,000 [20.51 kW] 085 - 84,000 [24.62 kW] 100 - 98,000 [28.72 kW] 115 - 112,000 [32.82 kW]	1 - Single-stage 2 - Two-stage	3 - up to 3 ton 5 - 3 1/2 up to 5 ton	14 - 14" 17 - 17.5" 21 - 21" 24 - 24.5"	M - Multi	X - Low Nox S - Standard	A - 1st Design

**80% AFUE Gas Furnaces (For Reference)\*\***

S	80	2	V	A	075	3	17	M	S	A
Brand	Series	Stages	Motor	Major Rev	Input BTU/HR	Air Flow	Cabinet Width	Configuration	Nox	Minor Rev
Sure Comfort	80 - 80+ AFUE	1 - Single-stage 2 - Two-stage	V - Variable speed T - Constant Torque (X-13) P - PSC premium S - PSC standard	A - 1st Design	050 - 50,000 [15 kW] 075 - 75,000 [22 kW] 100 - 100,000 [29 kW] 125 - 125,000 [37 kW] 150 - 150,000 [44 kW]	3 - up to 3 ton 4 - 2 1/2 to 4 ton 5 - 3 1/2 up to 5 ton	14 - 14" 17 - 17.5" 21 - 21" 24 - 24.5"	M - Multi D - Down Z - Down & zero clearance down flow	X - Low Nox S - Standard	A - 1st Design

**Air Handlers (For Reference)\*\***

S	H	1	C	36	17	S	I	A	N	A	*	
Brand	Product Category	Stages of Airflow	Motor Type	Capacity BTU/HR	Width	Coil Size	Metering Device	Major Series*	Controls	Voltage	Minor Series**	Factory Heat Cap Code
Sure Comfort	H - Air Handler	1 - Single-Stage 2 - Two-Stage M - Modulating	V - Variable Speed C - Constant Torque P - PSC	24 - 24,000 [7.03 kW] 36 - 36,000 [10.55 kW] 48 - 48,000 [14.07 kW] 60 - 60,000 [17.58 kW]	14 - 14" 17 - 17.5" 21 - 21" 24 - 24.5"	S - Standard Eff. M - Mid Eff. H - High Eff.	T - TEV E - EEV P - Piston	A - 1st Design	C - Communicating N - Non-comm	A - 1ph, 115/60 J - 1ph, 208-240/60 D - 3ph, 480/60	A - 1st Design	00 - no factory heat with option code *TBD

\*\*Model number ID's are for reference only. See available SKU page of applicable spec. sheet for table of available SKU's for a specific model.

[ ] Designates Metric Conversions

## Physical Data

PHYSICAL DATA						
Model No.	SA1318A	SA1324B	SA1336A	SA1342A	SA1348A	SA1360A
Nominal Tonnage	1.5	2	3	3.5	4	5
Valve Connections						
Liquid Line O.D. – in.	3/8	3/8	3/8	3/8	3/8	3/8
Suction Line O.D. – in.	3/4	3/4	3/4	7/8	7/8	7/8
Refrigerant (R410A) furnished oz. <sup>1</sup>	54	72	86	105	106	148
Compressor Type	Scroll					
Outdoor Coil						
Net face area – Outer Coil	5.9	11.1	12.1	14.2	14.8	18.8
Net face area – Inner Coil	—	—	—	—	—	—
Tube diameter – in.	3/8	3/8	3/8	3/8	3/8	3/8
Number of rows	1	1	1	1	1	1
Fins per inch	22	22	22	22	22	22
Outdoor Fan						
Diameter – in.	20	20	20	20	24	26
Number of blades	2	2	3	2	3	2
Motor hp	1/8	1/8	1/4	1/8	1/6	1/5
CFM	2040	2505	2900	2465	4145	3870
RPM	1075	1075	1075	1075	850	820
watts	144	163	186	176	279	235
Shipping weight – lbs.	127	148	164	195	202	235
Operating weight – lbs.	120	141	157	188	195	228

## Electrical Data

Line Voltage Data (Volts-Phase-Hz)	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
Maximum overcurrent protection (amps) <sup>2</sup>	20	25	35	40	50	60
Minimum circuit ampacity <sup>3</sup>	13	15	23	24	29	35
Compressor						
Rated load amps	9.7	11.2	16.7	17.9	21.8	26.4
Locked rotor amps	48	60.8	83.9	112	117	134
Condenser Fan Motor						
Full load amps	0.7	0.8	1.3	0.7	1	1.2
Locked rotor amps	1.3	1.5	2.6	1.3	2.2	2
Line Voltage Data (Volts-Phase-Hz)	—	—	208/230-3-60	208/230-3-60	208/230-3-60	208/230-3-60
Maximum overcurrent protection (amps) <sup>2</sup>	—	—	20	30	30	35
Minimum circuit ampacity <sup>3</sup>	—	—	15	18	19	22
Compressor						
Rated load amps	—	—	10.4	13.2	13.7	16
Locked rotor amps	—	—	73	88	83.1	110
Condenser Fan Motor						
Full load amps	—	—	1.3	0.7	1	1.3
Locked rotor amps	—	—	2.6	1.3	2.2	2
Line Voltage Data (Volts-Phase-Hz)	—	—	480-3-60	480-3-60	480-3-60	480-3-60
Maximum overcurrent protection (amps) <sup>2</sup>	—	—	15	15	15	15
Minimum circuit ampacity <sup>3</sup>	—	—	8	8	9	11
Compressor						
Rated load amps	—	—	5.8	6	6.2	7.8
Locked rotor amps	—	—	38	44	41	52
Condenser Fan Motor						
Full load amps	—	—	0.6	0.3	0.6	0.6
Locked rotor amps	—	—	2.5	0.9	1.6	1.1

<sup>1</sup>Refrigerant charge sufficient for 15 ft. length of refrigerant lines. For longer line set requirements see the installation instructions for information about set length and additional refrigerant charge required.

<sup>2</sup>HACR type circuit breaker or fuse.

<sup>3</sup>Refer to National Electrical Code manual to determine wire, fuse and disconnect size requirements.



## Accessories

Model No.	SA1318	SA1324	SA1330	SA1336	SA1342	SA1348	SA1360	
Compressor crankcase heater*	44-17402-44	44-17402-44	44-17402-44	44-17402-44	44-17402-45	44-17402-45	44-17402-45	
Low ambient control	RXAD-A08	RXAD-A08	RXAD-A08	RXAD-A08	RXAD-A08	RXAD-A08	RXAD-A08	
Compressor sound cover	68-23427-26	68-23427-26	68-23427-26	68-23427-26	68-23427-25	68-23427-25	68-23427-25	
Compressor hard start kit	SK-A1	SK-A1	SK-A1	SK-A1	SK-A1	SK-A1	SK-A1	
Compressor time delay	RXMD-B01	RXMD-B01	RXMD-B01	RXMD-B01	RXMD-B01	RXMD-B01	RXMD-B01	
Low pressure control	RXAC-A07	RXAC-A07	RXAC-A07	RXAC-A07	RXAC-A07	RXAC-A07	RXAC-A07	
High pressure control	RXAB-A07	RXAB-A07	RXAB-A07	RXAB-A07	RXAB-A07	RXAB-A07	RXAB-A07	
Liquid Line Solenoid (24 VAC, 50/60 Hz)	Solenoid Valve	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC	200RD3T3TVLC	200RD3T3TVLC
	Solenoid Coil	61-AMG24V	61-AMG24V	61-AMG24V	61-AMG24V	61-AMG24V	61-AMG24V	61-AMG24V
Liquid Line Solenoid (120/240 VAC, 50/60 Hz)	Solenoid Valve	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC	200RD3T3TVLC	200RD3T3TVLC
	Solenoid Coil	61-AMG120/240V	61-AMG120/240V	61-AMG120/240V	61-AMG120/240V	61-AMG120/240V	61-AMG120/240V	61-AMG120/240V

\*Crankcase Heater recommended with Low Ambient Kit.

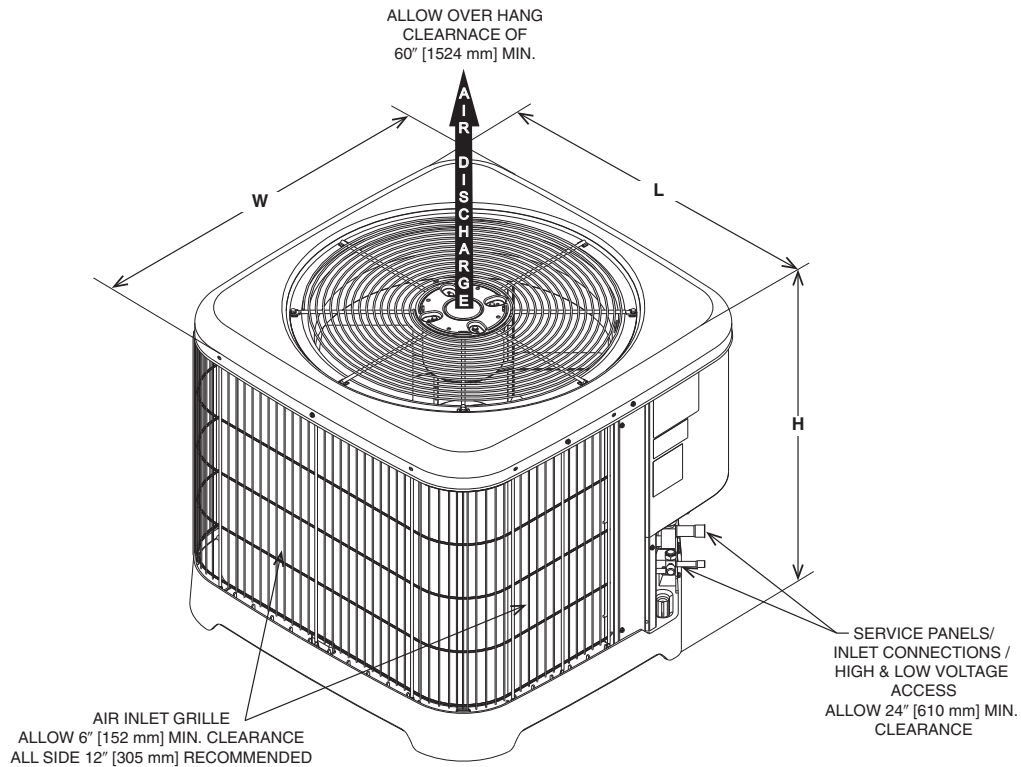
## Weighted Sound Power Level (dBA)

Unit Size – Voltage, Series	Standard Rating (dBA)	TYPICAL OCTAVE BAND SPECTRUM (dBA without tone adjustment)						
		125	250	500	1000	2000	4000	8000
SA1318A	72.0	51.7	58.3	61.5	61.1	57.0	54.0	47.0
SA1324B	75.0	49.4	60.4	64.3	64.2	63.4	58.9	53.8
SA1330A	78.0	51.4	67.1	67.5	68.2	65.5	59.8	53.6
SA1336A	77.0	55.1	66.1	66.9	68.2	64.6	60.7	55.6
SA1342A	73.0	48.9	56.1	62.9	62.2	61.1	55.2	50.2
SA1348A	76.0	51.4	59.6	65.2	65.9	64.3	58.5	53.7
SA1360A	78.0	51.7	60.9	66.9	70.4	63.5	57.4	53.8

NOTE: Tested in accordance with AHRI Standard 270-08 (not listed in AHRI)

### Unit Dimensions

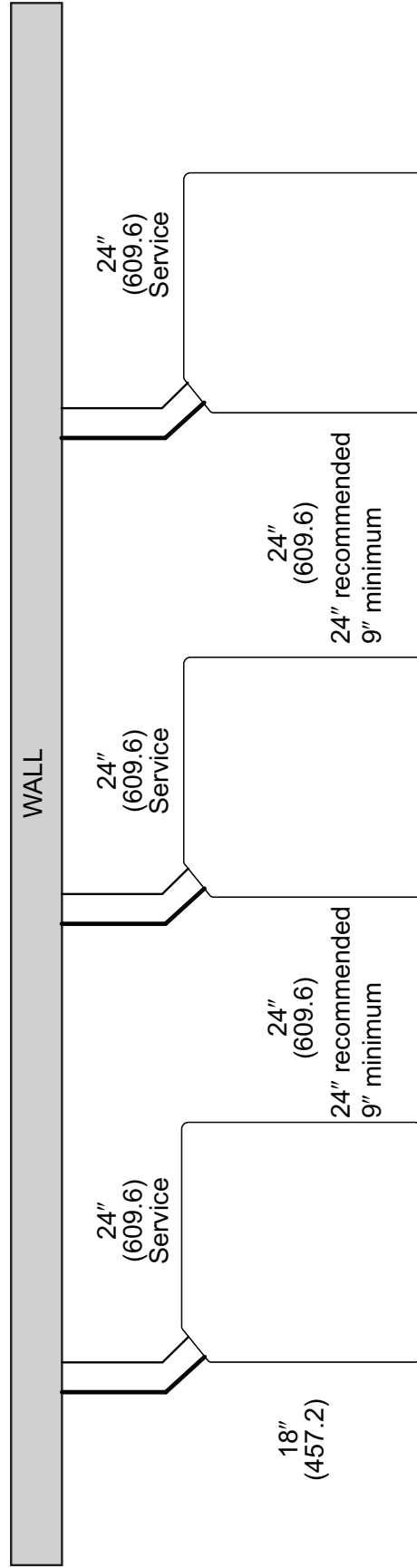
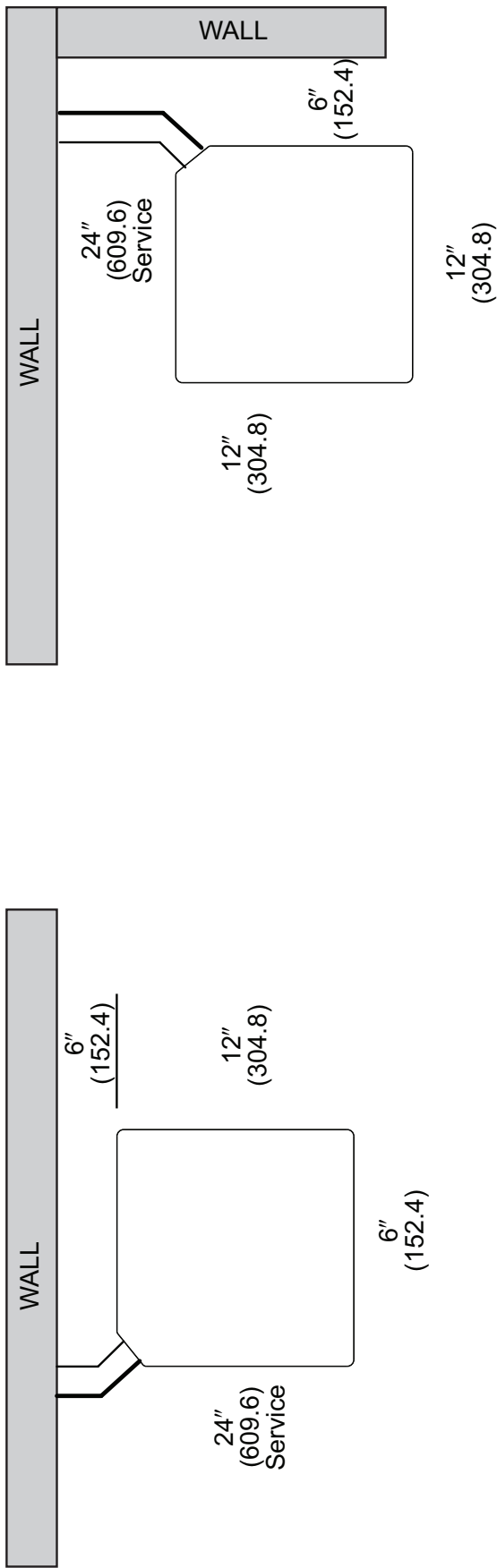
MODEL NO.	OPERATING						SHIPPING					
	H (Height)		L (Length)		W (Width)		H (Height)		L (Length)		W (Width)	
	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm
SA1318	27	685	29.75	755	29.75	755	28.75	730	32.38	822	32.38	822
SA1324	25	635	29.75	755	29.75	755	26.75	679	32.38	822	32.38	822
SA1330	25	635	29.75	755	29.75	755	26.75	679	32.38	822	32.38	822
SA1336	27	685	29.75	755	29.75	755	28.75	730	32.38	822	32.38	822
SA1342	31	787	29.75	755	29.75	755	32.75	831	32.38	822	32.38	822
SA1348	27	685	33.75	857	33.75	857	28.75	730	36.38	924	36.38	924
SA1360	31	787	35.75	908	35.75	908	32.75	831	38.38	974	38.38	974



[ ] Designates Metric Conversions

ST-A1226-24-00

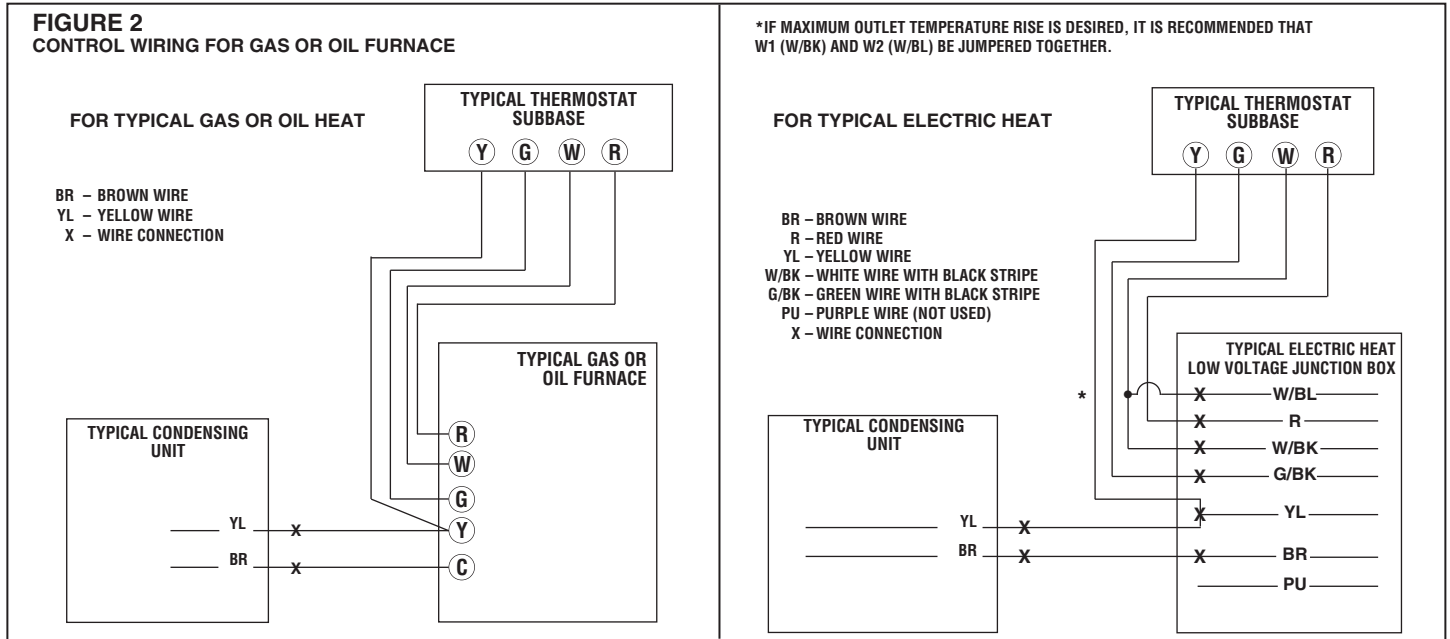
# CLEARANCES



**NOTE: NUMBERS IN () = mm**

**IMPORTANT:** When installing multiple units in an alcove, roof well or partially enclosed area, ensure there is adequate ventilation to prevent re-circulation of discharge air.

## Control Wiring



## Application Guidelines

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 operation air temperature for cooling mode 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. Use only copper wire for electric connections at unit. Aluminum and clad aluminum are not acceptable for the type of connector provided.
6. Do not apply capillary tube indoor coils to these units.
7. Factory – supplied filter drier must be installed.

# Refrigerant Line Size Information

13 SEER Single-Stage Air-Conditioners													
Unit Size	Allowable Liquid Line Size	Allowable Suction Line Size	Apply Long Line Guidelines if Linear Line Length Exceeds Those Shown Below (Feet)	Equivalent Length (Feet)									
				< 25	26-50	51-75	76-100	101-125	126-150	151-175	176-200	201-225	226-250
SA13 A/B				Maximum Vertical Rise (Outdoor Unit Below Indoor Unit) * / Capacity Multiplier									
1.5 Ton **SEE NOTE 3	1/4"	5/8"	N/A	25/1.00	50/0.99	62/0.98	43/0.98	24/0.97	5/0.97	N/R	N/R	N/R	N/R
	5/16"	5/8"	N/A	25/1.00	50/0.99	75/0.98	98/0.98	93/0.97	88/0.97	83/0.96	78/0.96	73/0.95	68/0.94
	3/8"	5/8"	178	25/1.00	50/0.99	75/0.98	100/0.98	100/0.97	100/0.97	100/0.96	100/0.96	100/0.95	100/0.94
	1/4"	3/4***	N/A	25/1.00	50/1.00	62/0.99	43/0.99	24/0.99	5/0.99	N/R	N/R	N/R	N/R
	5/16"	3/4***	N/A	25/1.00	50/1.00	75/0.99	98/0.99	93/0.99	88/0.99	83/0.99	78/0.98	73/0.98	68/0.98
	3/8"	3/4***	178	25/1.00	50/1.00	75/1.00	100/0.99	100/0.99	100/0.99	100/0.99	100/0.98	100/0.98	100/0.98
2 Ton	1/4"	5/8"	N/A	25/0.99	50/0.98	21/0.97	N/R	N/R	N/R	N/R	N/R	N/R	N/R
	5/16"	5/8"	213	25/0.99	50/0.98	75/0.97	87/0.96	77/0.95	69/0.94	61/0.93	53/0.92	45/0.91	37/0.90
	3/8"	5/8"	142	25/0.99	50/0.98	75/0.97	100/0.96	100/0.95	100/0.94	98/0.93	95/0.92	92/0.91	89/0.90
	1/4"	3/4"	N/A	25/1.00	50/1.00	21/0.99	N/R	N/R	N/R	N/R	N/R	N/R	N/R
	5/16"	3/4"	213	25/1.00	50/1.00	75/0.99	87/0.99	77/0.98	69/0.98	61/0.98	53/0.97	45/0.97	37/0.96
	3/8"	3/4"	142	25/1.00	50/1.00	75/0.99	100/0.99	100/0.98	100/0.98	98/0.98	95/0.97	93/0.97	90/0.96
2.5 Ton	5/16"	5/8"	N/A	25/0.99	50/0.98	75/0.96	70/0.94	59/0.93	48/0.91	36/0.90	N/R	N/R	N/R
	3/8"	5/8"	142	25/0.99	50/0.98	75/0.96	100/0.94	98/0.93	94/0.91	90/0.90	N/R	N/R	N/R
	5/16"	3/4"	213	25/1.00	50/0.99	75/0.99	70/0.98	59/0.98	48/0.97	36/0.96	25/0.96	13/0.95	N/R
	3/8"	3/4"	142	25/1.00	50/0.99	75/0.99	100/0.98	98/0.98	94/0.97	90/0.96	86/0.96	82/0.95	78/0.95
	5/16"	5/8"	N/A	25/0.99	50/0.97	66/0.94	49/0.92	32/0.90	N/R	N/R	N/R	N/R	N/R
	3/8"	5/8"	108	25/0.99	50/0.97	75/0.94	95/0.92	89/0.90	N/R	N/R	N/R	N/R	N/R
3 Ton	5/16"	3/4"	N/A	25/1.00	50/0.99	66/0.98	49/0.98	32/0.97	15/0.96	N/R	N/R	N/R	N/R
	3/8"	3/4"	108	25/1.00	50/0.99	75/0.98	95/0.98	89/0.97	84/0.96	78/0.95	72/0.94	67/0.93	61/0.93
	1/2"	3/4"	54	25/1.00	50/0.99	75/0.98	100/0.98	100/0.97	100/0.96	100/0.95	100/0.94	100/0.93	100/0.93
	5/16"	7/8"	N/A	25/1.00	50/1.00	66/1.00	49/0.99	32/0.99	15/0.99	N/R	N/R	N/R	N/R
	3/8"	7/8"	108	25/1.00	50/1.00	75/1.00	95/0.99	89/0.99	84/0.99	78/0.98	72/0.98	67/0.98	61/0.97
	1/2"	7/8"	54	25/1.00	50/1.00	75/1.00	100/0.99	100/0.99	100/0.99	100/0.98	100/0.98	100/0.98	100/0.97
3.5 Ton	3/8"	3/4"	150	25/0.99	50/0.98	75/0.97	88/0.96	80/0.95	72/0.94	65/0.92	57/0.91	49/0.90	N/R
	1/2"	3/4"	75	25/0.99	50/0.98	75/0.97	100/0.96	100/0.95	100/0.94	100/0.92	100/0.91	100/0.90	N/R
	3/8"	7/8"	150	25/1.00	50/1.00	75/0.99	88/0.99	80/0.99	72/0.98	65/0.97	57/0.97	49/0.96	42/0.96
	1/2"	7/8"	75	25/1.00	50/1.00	75/0.99	100/0.99	100/0.99	100/0.98	100/0.98	100/0.97	100/0.96	100/0.96

**NOTES:**

- 1) Do not exceed 200 ft linear line length.
- 2) \*Do not exceed 100 ft vertical separation if outdoor unit is above indoor unit.
- 3) \*\*3/4" suction line should only be used for 1.5 ton systems if outdoor unit is below or at same level as indoor to assure proper oil return.
- 4) Always use the smallest liquid line allowable to minimize refrigerant charge.
- 5) Applications shaded in light gray indicate capacity multipliers between 0.90 and 0.96 which are not recommended, but are allowed.
- 6) Applications shaded in dark gray are not recommended due to excessive liquid or suction pressure drop.

Refrigerant Line Size Information (con't.)

13 SEER Single-Stage Air-Conditioners												
Unit Size	Allowable Liquid Line Size	Allowable Suction Line Size	Apply Long Line Guidelines if Linear Line Length Exceeds Those Shown Below (Feet)	Equivalent Length (Feet)							226-250	
				< 25	26-50	51-75	76-100	101-125	126-150	151-175		176-200
SA13 A/B				Maximum Vertical Rise (Outdoor Unit Below Indoor Unit) * / Capacity Multiplier								
4 Ton	3/8"	3/4"	148	25 / 0.99	50 / 0.98	75 / 0.96	77 / 0.95	67 / 0.93	57 / 0.92	46 / 0.91	N/R	N/R
	1/2"	3/4"	74	25 / 0.99	50 / 0.98	75 / 0.96	100 / 0.95	100 / 0.93	100 / 0.92	100 / 0.91	N/R	N/R
	3/8"	7/8"	148	25 / 1.00	50 / 0.99	75 / 0.99	77 / 0.98	67 / 0.97	57 / 0.97	46 / 0.96	36 / 0.96	26 / 0.95
	1/2"	7/8"	74	25 / 1.00	50 / 0.99	75 / 0.99	100 / 0.98	100 / 0.97	100 / 0.97	100 / 0.96	100 / 0.96	99 / 0.95
5 Ton	3/8"	3/4"	78	25 / 0.99	50 / 0.97	75 / 0.94	61 / 0.92	46 / 0.90	N/R	N/R	N/R	N/R
	1/2"	3/4"	39	25 / 0.99	50 / 0.97	75 / 0.94	100 / 0.92	100 / 0.90	N/R	N/R	N/R	N/R
	3/8"	7/8"	78	25 / 1.00	50 / 0.99	75 / 0.98	61 / 0.97	46 / 0.96	32 / 0.95	18 / 0.94	N/R	N/R
	1/2"	7/8"	39	25 / 1.00	50 / 0.99	75 / 0.98	100 / 0.97	100 / 0.96	100 / 0.95	97 / 0.94	95 / 0.94	89 / 0.92
	3/8"	1-1/8"	78	25 / 1.01	50 / 1.01	75 / 1.00	61 / 1.00	46 / 0.99	32 / 0.99	18 / 0.99	N/R	N/R
	1/2"	1-1/8"	39	25 / 1.01	50 / 1.01	75 / 1.00	100 / 1.00	100 / 0.99	100 / 0.99	97 / 0.99	95 / 0.99	89 / 0.98

NOTES:

- 1) Do not exceed 200 ft linear line length.
- 2) \* Do not exceed 100 ft vertical separation if outdoor unit is above indoor unit.
- 3) \*\*3/4" suction line should only be used for 1.5 ton systems if outdoor unit is below or at same level as indoor to assure proper oil return.
- 4) Always use the smallest liquid line allowable to minimize refrigerant charge.
- 5) Applications shaded in light gray indicate capacity multipliers between 0.90 and 0.96 which are not recommended, but are allowed.
- 6) Applications shaded in dark gray are not recommended due to excessive liquid or suction pressure drop.

# Refrigerant Line Size Information

13 SEER Single-Stage Air-Conditioners													
Unit Size	Allowable Liquid Line Size mm [in.]	Allowable Suction Line Size mm [in.]	Apply Long Line Guidelines if Linear Line Length Exceeds Those Shown Below (Meters)	Equivalent Length (Meters)									
				< 8	8-15	16-23	24-30	31-38	39-46	47-53	54-61	62-69	70-76
SA13 A/B				Maximum Vertical Rise (Outdoor Unit Below Indoor Unit) * / Capacity Multiplier									
5.3 kW 1.5 Ton **SEE NOTE 3	6.35 [1/4]	15.88 [5/8]	N/A	8/1.00	15/0.99	19/0.98	13/0.98	7/0.97	2/0.97	N/R	N/R	N/R	N/R
	7.94 [5/16]	15.88 [5/8]	N/A	8/1.00	15/0.99	23/0.98	30/0.98	28/0.97	27/0.97	25/0.96	24/0.96	22/0.95	21/0.94
	9.53 [3/8]	15.88 [5/8]	54	8/1.00	15/0.99	23/0.98	30/0.98	30/0.97	30/0.97	30/0.96	30/0.96	30/0.95	30/0.94
	6.35 [1/4]	19.05 [3/4]**	N/A	8/1.00	15/1.00	19/0.99	13/0.99	7/0.99	2/0.99	N/R	N/R	N/R	N/R
	7.94 [5/16]	19.05 [3/4]**	N/A	8/1.00	15/1.00	23/0.99	30/0.99	28/0.99	27/0.99	25/0.99	24/0.98	22/0.98	21/0.98
7.0 kW 2 Ton	6.35 [1/4]	15.88 [5/8]	N/A	8/0.99	15/0.98	6/0.97	N/R	N/R	N/R	N/R	N/R	N/R	N/R
	7.94 [5/16]	15.88 [5/8]	65	8/0.99	15/0.98	23/0.97	27/0.96	23/0.95	21/0.94	19/0.93	16/0.92	14/0.91	11/0.90
	9.53 [3/8]	15.88 [5/8]	43	8/0.99	15/0.98	23/0.97	30/0.96	30/0.95	30/0.94	30/0.93	29/0.92	28/0.91	27/0.90
	6.35 [1/4]	19.05 [3/4]	N/A	8/1.00	15/1.00	6/0.99	N/R	N/R	N/R	N/R	N/R	N/R	N/R
	7.94 [5/16]	19.05 [3/4]	65	8/1.00	15/1.00	23/0.99	27/0.99	23/0.98	21/0.98	19/0.98	16/0.97	14/0.97	11/0.96
8.8 kW 2.5 Ton	6.35 [1/4]	15.88 [5/8]	N/A	8/0.99	15/0.98	23/0.96	21/0.94	18/0.93	15/0.91	11/0.90	N/R	N/R	N/R
	7.94 [5/16]	15.88 [5/8]	43	8/0.99	15/0.98	23/0.96	30/0.94	30/0.93	29/0.91	27/0.90	N/R	N/R	N/R
	9.53 [3/8]	19.05 [3/4]	65	8/1.00	15/0.99	23/0.99	21/0.98	18/0.98	15/0.97	11/0.96	8/0.96	4/0.95	N/R
	6.35 [3/8]	19.05 [3/4]	43	8/1.00	15/0.99	23/0.99	30/0.98	30/0.98	29/0.97	27/0.96	26/0.96	25/0.95	24/0.95
	7.94 [5/16]	15.88 [5/8]	N/A	8/0.99	15/0.97	20/0.94	15/0.92	10/0.90	N/R	N/R	N/R	N/R	N/R
10.6 kW 3 Ton	6.35 [3/8]	15.88 [5/8]	33	8/0.99	15/0.97	23/0.94	29/0.92	27/0.90	N/R	N/R	N/R	N/R	N/R
	7.94 [5/16]	19.05 [3/4]	N/A	8/1.00	15/0.99	20/0.98	15/0.98	10/0.97	5/0.96	N/R	N/R	N/R	N/R
	9.53 [3/8]	19.05 [3/4]	33	8/1.00	15/0.99	23/0.98	29/0.98	27/0.97	26/0.96	24/0.95	22/0.94	20/0.93	19/0.93
	12.7 [1/2]	19.05 [3/4]	17	8/1.00	15/0.99	23/0.98	30/0.98	30/0.97	30/0.96	30/0.95	30/0.94	30/0.93	30/0.93
	7.94 [5/16]	22.23 [7/8]	N/A	8/1.00	15/1.00	20/1.00	15/0.99	10/0.99	5/0.99	N/R	N/R	N/R	N/R
12.3 kW 3.5 Ton	6.35 [3/8]	22.23 [7/8]	33	8/1.00	15/1.00	23/1.00	29/0.99	27/0.99	26/0.99	24/0.98	22/0.98	20/0.98	19/0.97
	7.94 [5/16]	22.23 [7/8]	17	8/1.00	15/1.00	23/1.00	30/0.99	30/0.99	30/0.99	30/0.98	30/0.98	30/0.98	30/0.97
	9.53 [3/8]	19.05 [3/4]	46	8/0.99	15/0.98	23/0.97	27/0.96	24/0.95	22/0.94	20/0.92	17/0.91	15/0.90	N/R
	12.7 [1/2]	19.05 [3/4]	23	8/0.99	15/0.98	23/0.97	30/0.96	30/0.95	30/0.94	30/0.92	30/0.91	30/0.90	N/R
	9.53 [3/8]	22.23 [7/8]	46	8/1.00	15/1.00	23/0.99	27/0.99	24/0.99	22/0.98	20/0.97	17/0.97	15/0.96	13/0.96
12.7 [1/2]	22.23 [7/8]	23	8/1.00	15/1.00	23/0.99	30/0.99	30/0.99	30/0.98	30/0.97	30/0.97	30/0.96	30/0.96	

**NOTES:**

- 1) Do not exceed 61 meters linear line length.
- 2) Do not exceed 30 meters vertical separation if outdoor unit is above indoor unit.
- 3) \*19.05 mm [3/4 in.] vapor line should only be used for 1.5 ton systems if outdoor unit is below or at same level as indoor unit to assure proper oil return.
- 4) Always use the smallest liquid line allowable to minimize refrigerant charge.
- 5) Applications shaded in light gray indicate capacity multipliers between 0.90 and 0.96 which are not recommended, but are allowed.
- 6) Applications shaded in dark gray are not recommended due to excessive liquid or suction pressure drop.

Refrigerant Line Size Information (con't.)

13 SEER Single-Stage Air-Conditioners													
Unit Size	Allowable Liquid Line Size mm [in.]	Allowable Suction Line Size mm [in.]	Apply Long Line Guidelines if Linear Line Length Exceeds Those Shown Below (Meters)	Equivalent Length (Meters)									
				< 8	8-15	16-23	24-30	31-38	39-46	47-53	54-61	62-69	70-76
				Maximum Vertical Rise (Outdoor Unit Below Indoor Unit) * / Capacity Multiplier									
SA13 A/B													
14.1 kW 4 Ton	9.53 [3/8]	19.05 [3/4]	45	8 / 0.99	15 / 0.98	23 / 0.96	24 / 0.95	20 / 0.93	17 / 0.92	14 / 0.91	N/R	N/R	N/R
	12.7 [1/2]	19.05 [3/4]	23	8 / 0.99	15 / 0.98	23 / 0.96	30 / 0.95	30 / 0.93	30 / 0.92	30 / 0.91	N/R	N/R	N/R
	9.53 [3/8]	22.23 [7/8]	45	8 / 1.00	15 / 0.99	23 / 0.99	24 / 0.98	20 / 0.97	17 / 0.97	14 / 0.96	11 / 0.96	8 / 0.95	5 / 0.95
	12.7 [1/2]	22.23 [7/8]	23	8 / 1.00	15 / 0.99	23 / 0.99	30 / 0.98	30 / 0.97	30 / 0.97	30 / 0.96	30 / 0.96	30 / 0.95	30 / 0.95
17.6 kW 5 Ton	9.53 [3/8]	19.05 [3/4]	24	8 / 0.99	15 / 0.97	23 / 0.94	19 / 0.92	14 / 0.90	N/R	N/R	N/R	N/R	N/R
	12.7 [1/2]	19.05 [3/4]	12	8 / 0.99	15 / 0.97	23 / 0.94	30 / 0.92	30 / 0.90	N/R	N/R	N/R	N/R	N/R
	9.53 [3/8]	22.23 [7/8]	24	8 / 1.00	15 / 0.99	23 / 0.98	19 / 0.97	14 / 0.96	10 / 0.95	5 / 0.94	N/R	N/R	N/R
	12.7 [1/2]	22.23 [7/8]	12	8 / 1.00	15 / 0.99	23 / 0.98	30 / 0.97	30 / 0.96	30 / 0.95	30 / 0.94	29 / 0.94	28 / 0.93	27 / 0.92
	9.53 [3/8]	28.58 [1-1/8]	24	8 / 1.01	15 / 1.01	23 / 1.00	19 / 1.00	14 / 0.99	10 / 0.99	5 / 0.99	N/R	N/R	N/R
	12.7 [1/2]	28.58 [1-1/8]	12	8 / 1.01	15 / 1.01	23 / 1.00	30 / 1.00	30 / 0.99	30 / 0.99	30 / 0.99	29 / 0.99	28 / 0.99	27 / 0.98

NOTES:

- 1) Do not exceed 61 meters linear line length.
- 2) \*Do not exceed 30 meters vertical separation if outdoor unit is above indoor unit.
- 3) \*19.05 mm [3/4 in.] vapor line should only be used for 1.5 ton systems if outdoor unit is below or at same level as indoor unit to assure proper oil return.
- 4) Always use the smallest liquid line allowable to minimize refrigerant charge.
- 5) Applications shaded in light gray indicate capacity multipliers between 0.90 and 0.96 which are not recommended, but are allowed.
- 6) Applications shaded in dark gray are not recommended due to excessive liquid or suction pressure drop.



## Performance Data @ AHRI Standard Conditions – Cooling

**Note:** Ratings contained in this document are subject to change. For up-to-date and expanded ratings, please visit the AHRI web site ([www.ahridirectory.org](http://www.ahridirectory.org)).

Tested Combination							
Outdoor Unit	Indoor Coil	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	SEER	EER	Indoor CFM [L/s]
SA1318AJ1	TCF2417STA+RXMD-C04	17600 [5.2]	12600 [3.7]	5000 [1.5]	13.00	11.00	600 [283.2]
SA1324BJ1	TCF2417STA+RXMD-C04	23400 [6.9]	17500 [5.1]	5900 [1.7]	13.00	11.50	800 [377.6]
SA1330AJ1	TCF3617STA+RXMD-C04	28400 [8.3]	21000 [6.2]	7400 [2.2]	13.00	11.00	1000 [471.9]
SA1336AJ1	TCF3617STA+RXMD-C04	34600 [10.1]	23400 [6.9]	11200 [3.3]	13.00	11.00	1025 [483.7]
SA1342AJ1	TCF4821STA+RXMD-C04	40500 [11.9]	28700 [8.4]	11800 [3.5]	13.00	11.00	1400 [660.7]
SA1348AJ1	TCF4821STA+RXMD-C04	47500 [13.9]	34000 [10.0]	13500 [4.0]	13.00	11.00	1500 [707.9]
SA1360AJ1	TCF6024STA+RXMD-C04	56000 [16.4]	39600 [11.6]	16400 [4.8]	13.00	11.00	1600 [755.1]

Coil Only Ratings							
Outdoor Unit	Indoor Coil	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	SEER	EER	Indoor CFM [L/s]
SA1318AJ1	TCF2414STA+RXMD-C04	17700 [5.2]	12700 [3.7]	5000 [1.5]	13.00	11.50	600 [283.2]
	TCF2417HTA+RXMD-C04	17600 [5.2]	12600 [3.7]	5000 [1.5]	13.00	11.00	600 [283.2]
	TCF2417MTAM+RXMD-C04	17500 [5.1]	12500 [3.7]	5000 [1.5]	13.00	11.00	600 [283.2]
	TCF2421HTA+RXMD-C04	17600 [5.2]	12600 [3.7]	5000 [1.5]	13.00	11.00	600 [283.2]
	TCF2421MTA+RXMD-C04	17600 [5.2]	12600 [3.7]	5000 [1.5]	13.00	11.00	600 [283.2]
SA1324BJ1	TCF2414STA+RXMD-C04	23800 [7.0]	16600 [4.9]	7200 [2.1]	13.00	11.00	800 [377.6]
	TCF2417MTAM+RXMD-C04	23400 [6.9]	16500 [4.8]	6900 [2.0]	13.00	11.00	800 [377.6]
SA1330AJ1	TCF3621HTA+RXMD-C04	30000 [8.8]	22200 [6.5]	7800 [2.3]	13.00	11.50	1000 [471.9]
	TCF3621MTA+RXMD-C04	29800 [8.7]	22100 [6.5]	7700 [2.3]	13.00	11.50	1000 [471.9]
	TCF3621STA+RXMD-C04	28400 [8.3]	21000 [6.2]	7400 [2.2]	13.00	11.00	1000 [471.9]
	TCF3624HTA+RXMD-C04	30000 [8.8]	22200 [6.5]	7800 [2.3]	13.00	11.50	1000 [471.9]
	TCF3624MTA+RXMD-C04	29800 [8.7]	22100 [6.5]	7700 [2.3]	13.00	11.50	1000 [471.9]
SA1336AJ1	TCF3621HTA+RXMD-C04	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1200 [566.3]
	TCF3621MTA+RXMD-C04	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1200 [566.3]
	TCF3621STA+RXMD-C04	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1175 [554.5]
	TCF3624HTA+RXMD-C04	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1200 [566.3]
	TCF3624MTA+RXMD-C04	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1200 [566.3]
SA1342AJ1	TCF4821MTA+RXMD-C04	41000 [12.0]	29000 [8.5]	12000 [3.5]	13.00	11.00	1400 [660.7]
	TCF4824HTA+RXMD-C04	41500 [12.2]	29400 [8.6]	12100 [3.5]	13.00	11.00	1400 [660.7]
	TCF4824STA+RXMD-C04	40000 [11.7]	28300 [8.3]	11700 [3.4]	13.00	11.00	1375 [648.9]
SA1348AJ1	TCF4821MTA+RXMD-C04	48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.00	1550 [731.5]
	TCF4824HTA+RXMD-C04	48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.00	1600 [755.1]
SA1360AJ1	TCF6024HTA+RXMD-C04	56000 [16.4]	39600 [11.6]	16400 [4.8]	13.00	11.00	1600 [755.1]

[ ] Designates Metric Conversions

**Performance Data @ AHRI Standard Conditions – Cooling (con't.)**

**Note:** Ratings contained in this document are subject to change. For up-to-date and expanded ratings, please visit the AHRI web site ([www.ahridirectory.org](http://www.ahridirectory.org)).

S801T: Single-Stage 80% AFUE Gas Furnace Ratings								
Outdoor Unit	Furnace	Indoor Coil	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	SEER	EER	Indoor CFM [L/s]
SA1318AJ1	S801TA050314M	TCF2414STA	18000 [5.3]	12900 [3.8]	5100 [1.5]	14.50	12.50	625 [295.0]
		TCF2417HTA	18000 [5.3]	12900 [3.8]	5100 [1.5]	14.00	12.00	625 [295.0]
		TCF2417MTA	18000 [5.3]	12900 [3.8]	5100 [1.5]	14.00	12.00	625 [295.0]
		TCF2417STA	18000 [5.3]	12900 [3.8]	5100 [1.5]	14.00	12.00	625 [295.0]
	S801TA075317Z	TCF2417HTA	18000 [5.3]	12900 [3.8]	5100 [1.5]	14.00	12.00	650 [306.8]
		TCF2417MTA	18000 [5.3]	12900 [3.8]	5100 [1.5]	14.00	12.00	650 [306.8]
		TCF2417STA	18000 [5.3]	12900 [3.8]	5100 [1.5]	14.00	12.00	650 [306.8]
		TCF2421HTA	18000 [5.3]	12900 [3.8]	5100 [1.5]	14.00	12.00	650 [306.8]
SA1324BJ1	S801TA050314M	TCF2414STA	24000 [7.0]	18000 [5.3]	6000 [1.8]	14.00	11.50	800 [377.6]
		TCF2417HTA	24000 [7.0]	16900 [5.0]	7100 [2.1]	14.00	11.50	850 [401.2]
		TCF2417MTA	24000 [7.0]	16900 [5.0]	7100 [2.1]	14.00	11.50	850 [401.2]
		TCF2417STA	24000 [7.0]	18000 [5.3]	6000 [1.8]	14.00	11.50	850 [401.2]
	S801TA050317MUA	TCF2417HTA	24000 [7.0]	17000 [5.0]	7000 [2.1]	14.00	11.50	875 [413.0]
		TCF2417MTA	24000 [7.0]	17000 [5.0]	7000 [2.1]	14.00	11.50	875 [413.0]
		TCF2417STA	24000 [7.0]	18000 [5.3]	6000 [1.8]	14.00	11.50	875 [413.0]
		TCF2421HTA	24000 [7.0]	16900 [5.0]	7100 [2.1]	14.00	11.50	875 [413.0]
		TCF2421MTA	24000 [7.0]	17000 [5.0]	7000 [2.1]	14.00	11.50	875 [413.0]
		TCF2417HTA	24000 [7.0]	16900 [5.0]	7100 [2.1]	14.00	11.50	875 [413.0]
		TCF2417MTA	24000 [7.0]	16900 [5.0]	7100 [2.1]	14.00	11.50	875 [413.0]
		TCF2417STA	24000 [7.0]	18000 [5.3]	6000 [1.8]	14.00	11.50	875 [413.0]
	S801TA075317Z	TCF2421HTA	24000 [7.0]	16900 [5.0]	7100 [2.1]	14.00	11.50	875 [413.0]
		TCF2421MTA	24000 [7.0]	16900 [5.0]	7100 [2.1]	14.00	11.50	875 [413.0]
		TCF2417HTA	23000 [6.7]	15400 [4.5]	7600 [2.2]	14.00	11.50	650 [306.8]
		TCF2417MTA	23000 [6.7]	15400 [4.5]	7600 [2.2]	14.00	11.50	650 [306.8]
SA1330AJ1	S801TA050314M	TCF3617STA	28800 [8.4]	21300 [6.2]	7500 [2.2]	13.50	11.50	1000 [471.9]
		TCF3617HTA	28400 [8.3]	21000 [6.2]	7400 [2.2]	13.50	11.50	875 [413.0]
	S801TA075317Z	TCF3621MTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	14.00	12.00	1075 [507.3]
		TCF3621STA	28400 [8.3]	21000 [6.2]	7400 [2.2]	13.50	11.50	875 [413.0]
		TCF3617STA	29000 [8.5]	21500 [6.3]	7500 [2.2]	13.50	11.50	1000 [471.9]
	S801TA075417M	TCF3621HTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	14.60	12.50	1050 [495.5]
		TCF3621MTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	14.00	12.00	1050 [495.5]
		TCF3621STA	29200 [8.6]	21600 [6.3]	7600 [2.2]	13.50	11.50	1025 [483.7]
		TCF3621HTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	14.60	12.50	1050 [495.5]
	S801TA075421M	TCF3621MTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	14.00	12.00	1025 [483.7]
		TCF3621STA	29200 [8.6]	21600 [6.3]	7600 [2.2]	13.50	11.50	1025 [483.7]
		TCF3624HTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	15.00	13.00	1050 [495.5]
		TCF3624MTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	14.00	12.00	1025 [483.7]
		TCF3621MTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	14.50	12.50	1000 [471.9]
	S801TA075521Z	TCF3621STA	29000 [8.5]	21500 [6.3]	7500 [2.2]	13.50	11.50	975 [460.1]
		TCF3624HTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	15.00	13.00	1025 [483.7]
TCF3624MTA		30000 [8.8]	22200 [6.5]	7800 [2.3]	14.50	12.50	1000 [471.9]	
TCF3621MTA		30000 [8.8]	22200 [6.5]	7800 [2.3]	14.50	12.50	1000 [471.9]	

[ ] Designates Metric Conversions

**Performance Data @ AHRI Standard Conditions – Cooling (con't.)**

**Note:** Ratings contained in this document are subject to change. For up-to-date and expanded ratings, please visit the AHRI web site ([www.ahridirectory.org](http://www.ahridirectory.org)).

S801T: Single-Stage 80% AFUE Gas Furnace Ratings									
Outdoor Unit	Furnace	Indoor Coil	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	SEER	EER	Indoor CFM [L/s]	
SA1330AJ1	S801TA100521M	TCF3621HTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	15.00	13.00	1075 [507.3]	
		TCF3621MTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	14.60	12.50	1050 [495.5]	
		TCF3621STA	29000 [8.5]	21500 [6.3]	7500 [2.2]	13.50	11.50	1000 [471.9]	
		TCF3624MTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	14.60	12.50	1050 [495.5]	
	S801TA100521Z	TCF3621MTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	14.60	12.50	975 [460.1]	
		TCF3621STA	29000 [8.5]	21500 [6.3]	7500 [2.2]	13.50	11.50	975 [460.1]	
		TCF3624HTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	15.00	13.00	1025 [483.7]	
		TCF3624MTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	14.60	12.50	975 [460.1]	
	S801TA125524Z	TCF3624HTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	15.00	13.00	975 [460.1]	
		TCF3624MTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	14.50	12.50	925 [436.6]	
SA1336AC1	S801TA075317Z	TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1250 [589.9]	
	S801TA075417M	TCF3621HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1050 [495.5]	
		TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1200 [566.3]	
		TCF3621STA	35000 [10.3]	23600 [6.9]	11400 [3.3]	13.00	11.00	1000 [471.9]	
		TCF3624HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1050 [495.5]	
	S801TA075421M	TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1225 [578.1]	
		TCF3621STA	35000 [10.3]	23600 [6.9]	11400 [3.3]	13.00	11.00	1000 [471.9]	
		TCF3624HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1250 [589.9]	
		TCF3624MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1225 [578.1]	
	S801TA075521Z	TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1225 [578.1]	
		TCF3624HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1025 [483.7]	
		TCF3624MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1225 [578.1]	
	S801TA100521M	TCF3621HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1075 [507.3]	
		TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1050 [495.5]	
		TCF3621STA	35200 [10.3]	23800 [7.0]	11400 [3.3]	13.00	11.00	1000 [471.9]	
		TCF3624HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1100 [519.1]	
		TCF3624MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1050 [495.5]	
	S801TA100521Z	TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1225 [578.1]	
		TCF3621STA	34600 [10.1]	23400 [6.9]	11200 [3.3]	13.00	11.00	950 [448.4]	
		TCF3624HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1250 [589.9]	
		TCF3624MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1225 [578.1]	
	S801TA125524M	TCF3624HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1200 [566.3]	
		TCF3624MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1175 [554.5]	
	S801TA125524Z	TCF3624HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1150 [542.7]	
		TCF3624MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1100 [519.1]	
	SA1336AD1	S801TA075317Z	TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1250 [589.9]
		S801TA075417M	TCF3621HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1050 [495.5]
			TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1200 [566.3]
TCF3621STA			35000 [10.3]	23600 [6.9]	11400 [3.3]	13.00	11.00	1000 [471.9]	
S801TA075421M		TCF3621HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1050 [495.5]	
		TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1225 [578.1]	
		TCF3621STA	35000 [10.3]	23600 [6.9]	11400 [3.3]	13.00	11.00	1000 [471.9]	
		TCF3624HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1250 [589.9]	
		TCF3624MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1225 [578.1]	
S801TA075521Z		TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1225 [578.1]	
		TCF3624HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1025 [483.7]	
		TCF3624MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1225 [578.1]	

[ ] Designates Metric Conversions

**Performance Data @ AHRI Standard Conditions – Cooling (con't.)**

**Note:** Ratings contained in this document are subject to change. For up-to-date and expanded ratings, please visit the AHRI web site ([www.ahridirectory.org](http://www.ahridirectory.org)).

S801T: Single-Stage 80% AFUE Gas Furnace Ratings								
Outdoor Unit	Furnace	Indoor Coil	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	SEER	EER	Indoor CFM [L/s]
SA1336AD1	S801TA100521M	TCF3621HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1075 [507.3]
		TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1050 [495.5]
		TCF3621STA	35200 [10.3]	23800 [7.0]	11400 [3.3]	13.00	11.00	1000 [471.9]
		TCF3624HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1100 [519.1]
		TCF3624MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1050 [495.5]
	S801TA100521Z	TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1225 [578.1]
		TCF3621STA	34600 [10.1]	23400 [6.9]	11200 [3.3]	13.00	11.00	950 [448.4]
		TCF3624HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1250 [589.9]
	S801TA125524M	TCF3624MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1225 [578.1]
		TCF3624HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1200 [566.3]
	S801TA125524Z	TCF3624MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1175 [554.5]
		TCF3624HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1150 [542.7]
SA1336AJ1	S801TA050314M	TCF3617STA	35000 [10.3]	23600 [6.9]	11400 [3.3]	13.00	11.00	1000 [471.9]
	S801TA075317Z	TCF3617STA	35000 [10.3]	23600 [6.9]	11400 [3.3]	13.00	11.00	1050 [495.5]
		TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1250 [589.9]
		TCF3621STA	35000 [10.3]	23600 [6.9]	11400 [3.3]	13.00	11.00	1050 [495.5]
	S801TA075417M	TCF3617STA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1225 [578.1]
		TCF3621HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1050 [495.5]
		TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1200 [566.3]
	S801TA075421M	TCF3621STA	35000 [10.3]	23600 [6.9]	11400 [3.3]	13.00	11.00	1000 [471.9]
		TCF3621HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1050 [495.5]
		TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1225 [578.1]
		TCF3621STA	35000 [10.3]	23600 [6.9]	11400 [3.3]	13.00	11.00	1000 [471.9]
	S801TA075521Z	TCF3624HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1250 [589.9]
		TCF3624MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1225 [578.1]
		TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1225 [578.1]
		TCF3621STA	35800 [10.5]	24200 [7.1]	11600 [3.4]	13.00	11.00	1175 [554.5]
	S801TA075521Z	TCF3624HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1025 [483.7]
		TCF3624MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1225 [578.1]
		TCF3621HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1075 [507.3]
		TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1050 [495.5]
	S801TA100521M	TCF3621STA	35200 [10.3]	23800 [7.0]	11400 [3.3]	13.00	11.00	1000 [471.9]
		TCF3624HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1100 [519.1]
		TCF3624MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1050 [495.5]
		TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1225 [578.1]
	S801TA100521Z	TCF3621STA	34600 [10.1]	23400 [6.9]	11200 [3.3]	13.00	11.00	950 [448.4]
		TCF3624HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1250 [589.9]
		TCF3624MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1225 [578.1]
		TCF3621HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1200 [566.3]
	S801TA125524M	TCF3624MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1175 [554.5]
		TCF3624HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1200 [566.3]
	S801TA125524Z	TCF3624HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1150 [542.7]
TCF3624MTA		36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1100 [519.1]	

[ ] Designates Metric Conversions

**Performance Data @ AHRI Standard Conditions – Cooling (con't.)**

**Note:** Ratings contained in this document are subject to change. For up-to-date and expanded ratings, please visit the AHRI web site ([www.ahridirectory.org](http://www.ahridirectory.org)).

S801T: Single-Stage 80% AFUE Gas Furnace Ratings								
Outdoor Unit	Furnace	Indoor Coil	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	SEER	EER	Indoor CFM [L/s]
SA1342AC1	S801TA075417M	TCF4821MTA	41000 [12.0]	29000 [8.5]	12000 [3.5]	13.00	11.00	1300 [613.5]
	S801TA075421M	TCF4821MTA	41000 [12.0]	29000 [8.5]	12000 [3.5]	13.00	11.00	1250 [589.9]
		TCF4824HTA	42000 [12.3]	29800 [8.7]	12200 [3.6]	13.00	11.00	1450 [684.3]
	S801TA075521Z	TCF4821MTA	41000 [12.0]	29000 [8.5]	12000 [3.5]	13.00	11.00	1250 [589.9]
		TCF4824HTA	41500 [12.2]	29400 [8.6]	12100 [3.5]	13.00	11.00	1250 [589.9]
	S801TA100521M	TCF4821MTA	41500 [12.2]	29400 [8.6]	12100 [3.5]	13.00	11.00	1425 [672.5]
		TCF4821STA	40500 [11.9]	28700 [8.4]	11800 [3.5]	13.00	11.00	1325 [625.3]
		TCF4824HTA	42000 [12.3]	29800 [8.7]	12200 [3.6]	13.00	11.00	1350 [637.1]
		TCF4824STA	40500 [11.9]	28700 [8.4]	11800 [3.5]	13.00	11.00	1325 [625.3]
	S801TA100521Z	TCF4821MTA	41000 [12.0]	29000 [8.5]	12000 [3.5]	13.00	11.00	1250 [589.9]
		TCF4824HTA	42000 [12.3]	29800 [8.7]	12200 [3.6]	13.00	11.00	1450 [684.3]
	S801TA125524M	TCF4824HTA	42000 [12.3]	29800 [8.7]	12200 [3.6]	13.00	11.00	1400 [660.7]
		TCF4824STA	40500 [11.9]	28700 [8.4]	11800 [3.5]	13.00	11.00	1350 [637.1]
	S801TA125524Z	TCF4824HTA	41500 [12.2]	29400 [8.6]	12100 [3.5]	13.00	11.00	1150 [542.7]
TCF4824STA		39500 [11.6]	28000 [8.2]	11500 [3.4]	13.00	11.00	1100 [519.1]	
SA1342AD1	S801TA075417M	TCF4821MTA	41000 [12.0]	29000 [8.5]	12000 [3.5]	13.00	11.00	1300 [613.5]
	S801TA075421M	TCF4821MTA	41000 [12.0]	29000 [8.5]	12000 [3.5]	13.00	11.00	1250 [589.9]
		TCF4824HTA	42000 [12.3]	29800 [8.7]	12200 [3.6]	13.00	11.00	1450 [684.3]
	S801TA075521Z	TCF4821MTA	41000 [12.0]	29000 [8.5]	12000 [3.5]	13.00	11.00	1250 [589.9]
		TCF4824HTA	41500 [12.2]	29400 [8.6]	12100 [3.5]	13.00	11.00	1250 [589.9]
	S801TA100521M	TCF4821MTA	41500 [12.2]	29400 [8.6]	12100 [3.5]	13.00	11.00	1425 [672.5]
		TCF4821STA	40500 [11.9]	28700 [8.4]	11800 [3.5]	13.00	11.00	1325 [625.3]
		TCF4824HTA	42000 [12.3]	29800 [8.7]	12200 [3.6]	13.00	11.00	1350 [637.1]
		TCF4824STA	40500 [11.9]	28700 [8.4]	11800 [3.5]	13.00	11.00	1325 [625.3]
	S801TA100521Z	TCF4821MTA	41000 [12.0]	29000 [8.5]	12000 [3.5]	13.00	11.00	1250 [589.9]
		TCF4824HTA	42000 [12.3]	29800 [8.7]	12200 [3.6]	13.00	11.00	1450 [684.3]
	S801TA125524M	TCF4824HTA	42000 [12.3]	29800 [8.7]	12200 [3.6]	13.00	11.00	1400 [660.7]
		TCF4824STA	40500 [11.9]	28700 [8.4]	11800 [3.5]	13.00	11.00	1350 [637.1]
	S801TA125524Z	TCF4824HTA	41500 [12.2]	29400 [8.6]	12100 [3.5]	13.00	11.00	1150 [542.7]
TCF4824STA		39500 [11.6]	28000 [8.2]	11500 [3.4]	13.00	11.00	1100 [519.1]	
SA1342AJ1	S801TA075317Z	TCF4821MTA	40500 [11.9]	28700 [8.4]	11800 [3.5]	13.00	11.00	1250 [589.9]
		TCF4821STA	40000 [11.7]	28300 [8.3]	11700 [3.4]	13.00	11.00	1250 [589.9]
	S801TA075417M	TCF4821MTA	41000 [12.0]	29000 [8.5]	12000 [3.5]	13.00	11.00	1300 [613.5]
		TCF4821STA	40000 [11.7]	28300 [8.3]	11700 [3.4]	13.00	11.00	1275 [601.7]
	S801TA075421M	TCF4821MTA	41000 [12.0]	29000 [8.5]	12000 [3.5]	13.00	11.00	1250 [589.9]
		TCF4821STA	40500 [11.9]	28700 [8.4]	11800 [3.5]	13.00	11.00	1400 [660.7]
		TCF4824HTA	42000 [12.3]	29800 [8.7]	12200 [3.6]	13.00	11.00	1450 [684.3]
		TCF4824STA	40500 [11.9]	28700 [8.4]	11800 [3.5]	13.00	11.00	1400 [660.7]
	S801TA075521Z	TCF4821MTA	41000 [12.0]	29000 [8.5]	12000 [3.5]	13.00	11.00	1250 [589.9]
		TCF4821STA	40000 [11.7]	28300 [8.3]	11700 [3.4]	13.00	11.00	1225 [578.1]
		TCF4824HTA	41500 [12.2]	29400 [8.6]	12100 [3.5]	13.00	11.00	1250 [589.9]
		TCF4824STA	40000 [11.7]	28300 [8.3]	11700 [3.4]	13.00	11.00	1225 [578.1]
	S801TA100521M	TCF4821MTA	41500 [12.2]	29400 [8.6]	12100 [3.5]	13.00	11.00	1425 [672.5]
		TCF4821STA	40500 [11.9]	28700 [8.4]	11800 [3.5]	13.00	11.00	1325 [625.3]
TCF4824HTA		42000 [12.3]	29800 [8.7]	12200 [3.6]	13.00	11.00	1350 [637.1]	
TCF4824STA		40500 [11.9]	28700 [8.4]	11800 [3.5]	13.00	11.00	1325 [625.3]	

[ ] Designates Metric Conversions

Performance Data @ AHRI Standard Conditions – Cooling (con't.)

Note: Ratings contained in this document are subject to change. For up-to-date and expanded ratings, please visit the AHRI web site (www.ahridirectory.org).

S801T: Single-Stage 80% AFUE Gas Furnace Ratings								
Outdoor Unit	Furnace	Indoor Coil	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	SEER	EER	Indoor CFM [L/s]
SA1342AJ1	S801TA100521Z	TCF4821MTA	41000 [12.0]	29000 [8.5]	12000 [3.5]	13.00	11.00	1250 [589.9]
		TCF4821STA	40500 [11.9]	28700 [8.4]	11800 [3.5]	13.00	11.00	1425 [672.5]
		TCF4824HTA	42000 [12.3]	29800 [8.7]	12200 [3.6]	13.00	11.00	1450 [684.3]
		TCF4824STA	40500 [11.9]	28700 [8.4]	11800 [3.5]	13.00	11.00	1425 [672.5]
	S801TA125524M	TCF4824HTA	42000 [12.3]	29800 [8.7]	12200 [3.6]	13.00	11.00	1400 [660.7]
		TCF4824STA	40500 [11.9]	28700 [8.4]	11800 [3.5]	13.00	11.00	1350 [637.1]
S801TA125524Z	TCF4824HTA	41500 [12.2]	29400 [8.6]	12100 [3.5]	13.00	11.00	1150 [542.7]	
	TCF4824STA	39500 [11.6]	28000 [8.2]	11500 [3.4]	13.00	11.00	1100 [519.1]	
SA1348AC1	S801TA100521M	TCF4824HTA	48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.00	1425 [672.5]
	S801TA125524M	TCF4824HTA	48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.00	1375 [648.9]
SA1348AD1	S801TA100521M	TCF4824HTA	48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.00	1425 [672.5]
	S801TA125524M	TCF4824HTA	48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.00	1375 [648.9]
SA1348AJ1	S801TA075317Z	TCF4821MTA	47500 [13.9]	34000 [10.0]	13500 [4.0]	13.00	11.00	1350 [637.1]
		TCF4821STA	48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.00	1300 [613.5]
	S801TA075417M	TCF4821MTA	48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.00	1375 [648.9]
		TCF4821STA	47000 [13.8]	33700 [9.9]	13300 [3.9]	13.00	11.00	1375 [648.9]
	S801TA075421M	TCF4821MTA	48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.00	1425 [672.5]
		TCF4821STA	47000 [13.8]	33700 [9.9]	13300 [3.9]	13.00	11.00	1400 [660.7]
TCF4824HTA		48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.00	1425 [672.5]	
TCF4824STA		47000 [13.8]	33700 [9.9]	13300 [3.9]	13.00	11.00	1400 [660.7]	
SA1348AJ1	S801TA075521Z	TCF4821MTA	48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.00	1425 [672.5]
		TCF4821STA	47000 [13.8]	33700 [9.9]	13300 [3.9]	13.00	11.00	1400 [660.7]
		TCF4824HTA	48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.00	1450 [684.3]
		TCF4824STA	47000 [13.8]	33700 [9.9]	13300 [3.9]	13.00	11.00	1400 [660.7]
	S801TA100521M	TCF4821MTA	48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.00	1625 [766.9]
		TCF4821STA	47000 [13.8]	33700 [9.9]	13300 [3.9]	13.00	11.00	1375 [648.9]
		TCF4824HTA	48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.00	1425 [672.5]
		TCF4824STA	47000 [13.8]	33700 [9.9]	13300 [3.9]	13.00	11.00	1375 [648.9]
	S801TA100521Z	TCF4821MTA	48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.00	1425 [672.5]
		TCF4821STA	47000 [13.8]	33700 [9.9]	13300 [3.9]	13.00	11.00	1400 [660.7]
		TCF4824HTA	48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.00	1425 [672.5]
		TCF4824STA	47000 [13.8]	33700 [9.9]	13300 [3.9]	13.00	11.00	1400 [660.7]
	S801TA125524M	TCF4824HTA	48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.00	1375 [648.9]
		TCF4824STA	47000 [13.8]	33700 [9.9]	13300 [3.9]	13.00	11.00	1325 [625.3]
	S801TA125524Z	TCF4824HTA	48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.00	1375 [648.9]
		TCF4824STA	47000 [13.8]	33700 [9.9]	13300 [3.9]	13.00	11.00	1325 [625.3]
SA1360AJ1	S801TA075417M	TCF6021STA	54000 [15.8]	38200 [11.2]	15800 [4.6]	13.00	11.00	1475 [696.1]
		TCF6021HTA	54000 [15.8]	38200 [11.2]	15800 [4.6]	13.00	11.00	1425 [672.5]
	S801TA075421M	TCF6024HTA	55500 [16.3]	39200 [11.5]	16300 [4.8]	13.00	11.00	1425 [672.5]
		TCF6024STA	55500 [16.3]	39200 [11.5]	16300 [4.8]	13.00	11.00	1425 [672.5]
	S801TA075521Z	TCF6024HTA	56000 [16.4]	39600 [11.6]	16400 [4.8]	13.00	11.00	1450 [684.3]
		TCF6024STA	56000 [16.4]	39600 [11.6]	16400 [4.8]	13.00	11.00	1450 [684.3]
	S801TA100521M	TCF6021STA	56000 [16.4]	39600 [11.6]	16400 [4.8]	13.00	11.00	1850 [873.1]
		TCF6024HTA	57000 [16.7]	40300 [11.8]	16700 [4.9]	13.00	11.00	1650 [778.7]
		TCF6024STA	57000 [16.7]	40300 [11.8]	16700 [4.9]	13.00	11.00	1650 [778.7]
	S801TA100521Z	TCF6024HTA	57000 [16.7]	40300 [11.8]	16700 [4.9]	13.00	11.00	1700 [802.3]
		TCF6024STA	57000 [16.7]	40300 [11.8]	16700 [4.9]	13.00	11.00	1700 [802.3]
	S801TA125524M	TCF6024HTA	57000 [16.7]	40300 [11.8]	16700 [4.9]	13.00	11.00	1650 [778.7]
		TCF6024STA	57000 [16.7]	40300 [11.8]	16700 [4.9]	13.00	11.00	1650 [778.7]
	S801TA125524Z	TCF6024HTA	57000 [16.7]	40300 [11.8]	16700 [4.9]	13.00	11.00	1675 [790.5]
TCF6024STA		57000 [16.7]	40300 [11.8]	16700 [4.9]	13.00	11.00	1675 [790.5]	

[ ] Designates Metric Conversions

**Performance Data @ AHRI Standard Conditions – Cooling (con't.)**

**Note:** Ratings contained in this document are subject to change. For up-to-date and expanded ratings, please visit the AHRI web site ([www.ahridirectory.org](http://www.ahridirectory.org)).

S802V: 2-Stage 80% ECM Furnace Ratings								
Outdoor Unit	Furnace	Indoor Coil	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	SEER	EER	Indoor CFM [L/s]
SA1318AJ1	S802VA050317M	TCF2417HTA	18000 [5.3]	12900 [3.8]	5100 [1.5]	14.00	12.00	675 [318.6]
		TCF2417MTA	18000 [5.3]	12900 [3.8]	5100 [1.5]	14.00	12.00	675 [318.6]
		TCF2417STA	18000 [5.3]	12900 [3.8]	5100 [1.5]	14.00	12.00	675 [318.6]
		TCF2421HTA	18000 [5.3]	12900 [3.8]	5100 [1.5]	14.00	12.00	675 [318.6]
		TCF2421MTA	18000 [5.3]	12900 [3.8]	5100 [1.5]	14.00	12.00	675 [318.6]
	S802VA075317M	TCF2417HTA	18000 [5.3]	12900 [3.8]	5100 [1.5]	14.00	12.00	675 [318.6]
		TCF2417MTA	18000 [5.3]	12900 [3.8]	5100 [1.5]	14.00	12.00	675 [318.6]
		TCF2417STA	18000 [5.3]	12900 [3.8]	5100 [1.5]	14.00	12.00	675 [318.6]
		TCF2421HTA	18000 [5.3]	12900 [3.8]	5100 [1.5]	14.00	12.00	675 [318.6]
		TCF2421MTA	18000 [5.3]	12900 [3.8]	5100 [1.5]	14.00	12.00	675 [318.6]
	S802VA075317Z	TCF2417HTA	18000 [5.3]	12900 [3.8]	5100 [1.5]	14.00	12.00	675 [318.6]
		TCF2417MTA	18000 [5.3]	12900 [3.8]	5100 [1.5]	14.00	12.00	675 [318.6]
		TCF2417STA	18000 [5.3]	12900 [3.8]	5100 [1.5]	14.00	12.00	675 [318.6]
		TCF2421HTA	18000 [5.3]	12900 [3.8]	5100 [1.5]	14.00	12.00	675 [318.6]
		TCF2421MTA	18000 [5.3]	12900 [3.8]	5100 [1.5]	14.00	12.00	675 [318.6]
	S802VA075421M	TCF2421HTA	18000 [5.3]	12900 [3.8]	5100 [1.5]	14.60	12.50	575 [271.4]
		TCF2421MTA	18000 [5.3]	12900 [3.8]	5100 [1.5]	14.60	12.50	575 [271.4]
	S802VA075421Z	TCF2421HTA	18000 [5.3]	12900 [3.8]	5100 [1.5]	14.00	12.00	650 [306.8]
		TCF2421MTA	18000 [5.3]	12900 [3.8]	5100 [1.5]	14.00	12.00	650 [306.8]
	S802VA100521M	TCF2421HTA	17700 [5.2]	12700 [3.7]	5000 [1.5]	14.00	12.00	525 [247.8]
TCF2421MTA		17700 [5.2]	12700 [3.7]	5000 [1.5]	14.00	12.00	525 [247.8]	
SA1324BJ1	S802VA050317M	TCF2417HTA	23800 [7.0]	16600 [4.9]	7200 [2.1]	14.00	11.50	825 [389.4]
		TCF2417MTA	23800 [7.0]	16600 [4.9]	7200 [2.1]	14.00	11.50	825 [389.4]
		TCF2417STA	24000 [7.0]	18100 [5.3]	5900 [1.7]	14.00	11.50	825 [389.4]
		TCF2421HTA	23800 [7.0]	16600 [4.9]	7200 [2.1]	14.00	11.50	825 [389.4]
		TCF2421MTA	23800 [7.0]	16600 [4.9]	7200 [2.1]	14.00	11.50	825 [389.4]
	S802VA075317M	TCF2417HTA	24000 [7.0]	18000 [5.3]	6000 [1.8]	14.50	12.00	875 [413.0]
		TCF2417MTA	24000 [7.0]	18000 [5.3]	6000 [1.8]	14.00	11.50	875 [413.0]
		TCF2417STA	24000 [7.0]	18000 [5.3]	6000 [1.8]	14.50	12.00	875 [413.0]
		TCF2421HTA	24000 [7.0]	18000 [5.3]	6000 [1.8]	14.00	11.50	875 [413.0]
		TCF2421MTA	24000 [7.0]	18000 [5.3]	6000 [1.8]	14.00	11.50	875 [413.0]
	S802VA075317Z	TCF2417HTA	23800 [7.0]	16600 [4.9]	7200 [2.1]	14.00	11.50	800 [377.6]
		TCF2417MTA	23800 [7.0]	16600 [4.9]	7200 [2.1]	14.00	11.50	800 [377.6]
		TCF2417STA	24000 [7.0]	18100 [5.3]	5900 [1.7]	14.00	11.50	825 [389.4]
		TCF2421HTA	23800 [7.0]	16600 [4.9]	7200 [2.1]	14.00	11.50	800 [377.6]
		TCF2421MTA	23800 [7.0]	16600 [4.9]	7200 [2.1]	14.00	11.50	800 [377.6]
	S802VA075421M	TCF2421HTA	24000 [7.0]	16900 [5.0]	7100 [2.1]	14.00	11.50	850 [401.2]
		TCF2421MTA	24000 [7.0]	16900 [5.0]	7100 [2.1]	14.00	11.50	850 [401.2]
	S802VA075421Z	TCF2421HTA	24000 [7.0]	17000 [5.0]	7000 [2.1]	14.00	11.50	875 [413.0]
		TCF2421MTA	23800 [7.0]	16600 [4.9]	7200 [2.1]	14.00	11.50	800 [377.6]
	S802VA100521M	TCF2421HTA	24000 [7.0]	16900 [5.0]	7100 [2.1]	14.50	12.00	850 [401.2]
TCF2421MTA		24000 [7.0]	16900 [5.0]	7100 [2.1]	14.50	12.00	850 [401.2]	
SA1330AJ1	S802VA050317M	TCF3617STA	28200 [8.3]	20900 [6.1]	7300 [2.1]	13.50	11.50	825 [389.4]
		TCF3621HTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	14.60	12.50	825 [389.4]
		TCF3621MTA	29800 [8.7]	22100 [6.5]	7700 [2.3]	14.00	12.00	875 [413.0]
		TCF3621STA	28200 [8.3]	20900 [6.1]	7300 [2.1]	13.50	11.50	850 [401.2]
	S802VA075317M	TCF3617STA	29000 [8.5]	21500 [6.3]	7500 [2.2]	13.50	11.50	1025 [483.7]
		TCF3621HTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	14.60	12.50	1075 [507.3]
		TCF3621MTA	29800 [8.7]	22100 [6.5]	7700 [2.3]	14.50	12.50	825 [389.4]
		TCF3621STA	29200 [8.6]	21600 [6.3]	7600 [2.2]	13.50	11.50	1075 [507.3]

[ ] Designates Metric Conversions

Performance Data @ AHRI Standard Conditions – Cooling (con't.)

Note: Ratings contained in this document are subject to change. For up-to-date and expanded ratings, please visit the AHRI web site (www.ahridirectory.org).

S802V: 2-Stage 80% ECM Furnace Ratings								
Outdoor Unit	Furnace	Indoor Coil	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	SEER	EER	Indoor CFM [L/s]
SA1330AJ1	S802VA075317Z	TCF3617STA	28400 [8.3]	21000 [6.2]	7400 [2.2]	13.50	11.50	900 [424.8]
		TCF3621MTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	14.00	12.00	1050 [495.5]
		TCF3621STA	28600 [8.4]	21200 [6.2]	7400 [2.2]	13.50	11.50	900 [424.8]
	S802VA075421M	TCF3621HTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	14.60	12.50	1075 [507.3]
		TCF3621MTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	14.50	12.50	1000 [471.9]
		TCF3621STA	29400 [8.6]	21800 [6.4]	7600 [2.2]	13.50	11.50	1075 [507.3]
		TCF3624HTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	15.00	13.00	1075 [507.3]
		TCF3624MTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	14.50	12.50	1000 [471.9]
		TCF3621MTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	14.00	12.00	1075 [507.3]
	S802VA075421Z	TCF3621STA	29200 [8.6]	21600 [6.3]	7600 [2.2]	13.50	11.50	1050 [495.5]
		TCF3624HTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	14.60	12.50	1075 [507.3]
		TCF3624MTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	14.00	12.00	1075 [507.3]
	S802VA100521M	TCF3621HTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	15.00	13.00	1025 [483.7]
		TCF3621MTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	14.60	12.50	1025 [483.7]
		TCF3621STA	29200 [8.6]	21600 [6.3]	7600 [2.2]	14.00	12.00	1025 [483.7]
		TCF3624HTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	15.00	13.00	1025 [483.7]
	S802VA100521Z	TCF3624MTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	14.60	12.50	1025 [483.7]
		TCF3621MTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	14.00	12.00	1050 [495.5]
		TCF3621STA	29200 [8.6]	21600 [6.3]	7600 [2.2]	13.50	11.50	1050 [495.5]
		TCF3624HTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	15.00	13.00	975 [460.1]
	S802VA125524M	TCF3624MTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	14.00	12.00	1050 [495.5]
		TCF3624HTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	15.00	13.00	1050 [495.5]
		TCF3624MTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	14.60	12.50	1050 [495.5]
	S802VA125524Z	TCF3624HTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	15.00	13.00	1075 [507.3]
TCF3624MTA		30000 [8.8]	22200 [6.5]	7800 [2.3]	14.50	12.50	1000 [471.9]	
SA1336AC1	S802VA050317M	TCF3621HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	975 [460.1]
		TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1175 [554.5]
	S802VA075317M	TCF3621HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	975 [460.1]
		TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1150 [542.7]
	S802VA075317Z	TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1000 [471.9]
	S802VA075421M	TCF3621HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1100 [519.1]
		TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1250 [589.9]
		TCF3621STA	35400 [10.4]	23900 [7.0]	11500 [3.4]	13.00	11.00	1100 [519.1]
		TCF3624HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1250 [589.9]
	S802VA075421Z	TCF3624MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1250 [589.9]
		TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1125 [530.9]
		TCF3624HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1075 [507.3]
	S802VA100521M	TCF3624MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1125 [530.9]
		TCF3621HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1250 [589.9]
		TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1225 [578.1]
		TCF3621STA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1250 [589.9]
		TCF3624HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1250 [589.9]
	S802VA100521Z	TCF3624MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1225 [578.1]
		TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1250 [589.9]
		TCF3624HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1200 [566.3]
	S802VA125524M	TCF3624MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1250 [589.9]
		TCF3624HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1025 [483.7]
	S802VA125524Z	TCF3624HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1250 [589.9]
		TCF3624MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1250 [589.9]

[ ] Designates Metric Conversions



**Performance Data @ AHRI Standard Conditions – Cooling (con't.)**

**Note:** Ratings contained in this document are subject to change. For up-to-date and expanded ratings, please visit the AHRI web site ([www.ahridirectory.org](http://www.ahridirectory.org)).

S802V: 2-Stage 80% ECM Furnace Ratings								
Outdoor Unit	Furnace	Indoor Coil	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	SEER	EER	Indoor CFM [L/s]
SA1336AD1	S802VA050317M	TCF3621HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	975 [460.1]
		TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1175 [554.5]
	S802VA075317M	TCF3621HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	975 [460.1]
		TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1150 [542.7]
	S802VA075317Z	TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1000 [471.9]
	S802VA075421M	TCF3621HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1100 [519.1]
		TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1250 [589.9]
		TCF3621STA	35400 [10.4]	23900 [7.0]	11500 [3.4]	13.00	11.00	1100 [519.1]
		TCF3624HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1250 [589.9]
	S802VA075421Z	TCF3624MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1250 [589.9]
		TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1125 [530.9]
		TCF3624HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1075 [507.3]
		TCF3624MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1125 [530.9]
	S802VA100521M	TCF3621HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1250 [589.9]
		TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1225 [578.1]
		TCF3621STA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1250 [589.9]
		TCF3624HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1250 [589.9]
	S802VA100521Z	TCF3624MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1225 [578.1]
		TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1250 [589.9]
		TCF3624HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1200 [566.3]
		TCF3624MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1250 [589.9]
	S802VA125524M	TCF3624HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1250 [589.9]
		TCF3624MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1025 [483.7]
	S802VA125524Z	TCF3624HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1250 [589.9]
TCF3624MTA		36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1250 [589.9]	
SA1336AJ1	S802VA050317M	TCF3617STA	34400 [10.1]	23200 [6.8]	11200 [3.3]	13.00	11.00	975 [460.1]
		TCF3621HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	975 [460.1]
		TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1175 [554.5]
		TCF3621STA	34600 [10.1]	23400 [6.9]	11200 [3.3]	13.00	11.00	975 [460.1]
	S802VA075317M	TCF3617STA	35600 [10.4]	24000 [7.0]	11600 [3.4]	13.00	11.00	1150 [542.7]
		TCF3621HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	975 [460.1]
		TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1150 [542.7]
		TCF3621STA	35600 [10.4]	24000 [7.0]	11600 [3.4]	13.00	11.00	1150 [542.7]
	S802VA075317Z	TCF3617STA	35000 [10.3]	23600 [6.9]	11400 [3.3]	13.00	11.00	1050 [495.5]
		TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1000 [471.9]
		TCF3621STA	35200 [10.3]	23800 [7.0]	11400 [3.3]	13.00	11.00	1100 [519.1]
	S802VA075421M	TCF3621HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1100 [519.1]
		TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1250 [589.9]
		TCF3621STA	35400 [10.4]	23900 [7.0]	11500 [3.4]	13.00	11.00	1100 [519.1]
		TCF3624HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1250 [589.9]
	S802VA075421Z	TCF3624MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1250 [589.9]
		TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1125 [530.9]
		TCF3621STA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1250 [589.9]
		TCF3624HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1075 [507.3]
	S802VA100521M	TCF3624MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1125 [530.9]
		TCF3621HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1250 [589.9]
		TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1225 [578.1]
		TCF3621STA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1250 [589.9]
	S802VA100521Z	TCF3624HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1250 [589.9]
TCF3624MTA		36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1250 [589.9]	
TCF3621HTA		36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1250 [589.9]	
TCF3624HTA		36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1250 [589.9]	

[ ] Designates Metric Conversions

Performance Data @ AHRI Standard Conditions – Cooling (con't.)

Note: Ratings contained in this document are subject to change. For up-to-date and expanded ratings, please visit the AHRI web site (www.ahridirectory.org).

S802V: 2-Stage 80% ECM Furnace Ratings								
Outdoor Unit	Furnace	Indoor Coil	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	SEER	EER	Indoor CFM [L/s]
SA1336AJ1	S802VA100521Z	TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1250 [589.9]
		TCF3621STA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1250 [589.9]
		TCF3624HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1200 [566.3]
		TCF3624MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1250 [589.9]
	S802VA125524M	TCF3624HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1250 [589.9]
		TCF3624MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1025 [483.7]
S802VA125524Z	TCF3624HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1250 [589.9]	
	TCF3624MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1250 [589.9]	
SA1342AC1	S802VA075317M	TCF4821MTA	40500 [11.9]	28700 [8.4]	11800 [3.5]	13.00	11.00	1225 [578.1]
	S802VA075421M	TCF4821MTA	42000 [12.3]	29800 [8.7]	12200 [3.6]	13.00	11.00	1475 [696.1]
		TCF4821STA	40000 [11.7]	28300 [8.3]	11700 [3.4]	13.00	11.00	1250 [589.9]
		TCF4824HTA	41500 [12.2]	29400 [8.6]	12100 [3.5]	13.00	11.00	1250 [589.9]
		TCF4824STA	40000 [11.7]	28300 [8.3]	11700 [3.4]	13.00	11.00	1250 [589.9]
	S802VA075421Z	TCF4821MTA	41000 [12.0]	29000 [8.5]	12000 [3.5]	13.00	11.00	1250 [589.9]
		TCF4824HTA	42000 [12.3]	29800 [8.7]	12200 [3.6]	13.00	11.00	1400 [660.7]
	S802VA100521M	TCF4821MTA	41500 [12.2]	29400 [8.6]	12100 [3.5]	13.00	11.00	1325 [625.3]
		TCF4821STA	41000 [12.0]	29000 [8.5]	12000 [3.5]	13.00	11.00	1400 [660.7]
		TCF4824HTA	42000 [12.3]	29800 [8.7]	12200 [3.6]	13.00	11.00	1400 [660.7]
		TCF4824STA	41000 [12.0]	29000 [8.5]	12000 [3.5]	13.00	11.00	1400 [660.7]
	S802VA100521Z	TCF4821MTA	41000 [12.0]	29000 [8.5]	12000 [3.5]	13.00	11.00	1300 [613.5]
		TCF4824HTA	42000 [12.3]	29800 [8.7]	12200 [3.6]	13.00	11.00	1450 [684.3]
	S802VA125524M	TCF4824HTA	42000 [12.3]	29800 [8.7]	12200 [3.6]	13.00	11.00	1425 [672.5]
		TCF4824STA	41000 [12.0]	29000 [8.5]	12000 [3.5]	13.00	11.00	1475 [696.1]
	S802VA125524Z	TCF4824HTA	41500 [12.2]	29400 [8.6]	12100 [3.5]	13.00	11.00	1200 [566.3]
		TCF4824STA	40000 [11.7]	28300 [8.3]	11700 [3.4]	13.00	11.00	1200 [566.3]
	SA1342AD1	S802VA075317M	TCF4821MTA	40500 [11.9]	28700 [8.4]	11800 [3.5]	13.00	11.00
S802VA075421M		TCF4821MTA	42000 [12.3]	29800 [8.7]	12200 [3.6]	13.00	11.00	1475 [696.1]
		TCF4821STA	40000 [11.7]	28300 [8.3]	11700 [3.4]	13.00	11.00	1250 [589.9]
		TCF4824HTA	41500 [12.2]	29400 [8.6]	12100 [3.5]	13.00	11.00	1250 [589.9]
		TCF4824STA	40000 [11.7]	28300 [8.3]	11700 [3.4]	13.00	11.00	1250 [589.9]
S802VA075421Z		TCF4821MTA	41000 [12.0]	29000 [8.5]	12000 [3.5]	13.00	11.00	1250 [589.9]
		TCF4824HTA	42000 [12.3]	29800 [8.7]	12200 [3.6]	13.00	11.00	1400 [660.7]
S802VA100521M		TCF4821MTA	41500 [12.2]	29400 [8.6]	12100 [3.5]	13.00	11.00	1325 [625.3]
		TCF4821STA	41000 [12.0]	29000 [8.5]	12000 [3.5]	13.00	11.00	1400 [660.7]
		TCF4824HTA	42000 [12.3]	29800 [8.7]	12200 [3.6]	13.00	11.00	1400 [660.7]
		TCF4824STA	41000 [12.0]	29000 [8.5]	12000 [3.5]	13.00	11.00	1400 [660.7]
S802VA100521Z		TCF4821MTA	41000 [12.0]	29000 [8.5]	12000 [3.5]	13.00	11.00	1300 [613.5]
		TCF4824HTA	42000 [12.3]	29800 [8.7]	12200 [3.6]	13.00	11.00	1450 [684.3]
S802VA125524M		TCF4824HTA	42000 [12.3]	29800 [8.7]	12200 [3.6]	13.00	11.00	1425 [672.5]
		TCF4824STA	41000 [12.0]	29000 [8.5]	12000 [3.5]	13.00	11.00	1475 [696.1]
S802VA125524Z		TCF4824HTA	41500 [12.2]	29400 [8.6]	12100 [3.5]	13.00	11.00	1200 [566.3]
		TCF4824STA	40000 [11.7]	28300 [8.3]	11700 [3.4]	13.00	11.00	1200 [566.3]
SA1342AJ1		S802VA050317M	TCF4821MTA	40500 [11.9]	28700 [8.4]	11800 [3.5]	13.00	11.00
	TCF4821STA		39500 [11.6]	28000 [8.2]	11500 [3.4]	13.00	11.00	1225 [578.1]
	S802VA075317M	TCF4821MTA	40500 [11.9]	28700 [8.4]	11800 [3.5]	13.00	11.00	1225 [578.1]
		TCF4821STA	40000 [11.7]	28300 [8.3]	11700 [3.4]	13.00	11.00	1225 [578.1]
	S802VA075317Z	TCF4821MTA	41000 [12.0]	29000 [8.5]	12000 [3.5]	13.00	11.00	1325 [625.3]
		TCF4821STA	39500 [11.6]	28000 [8.2]	11500 [3.4]	13.00	11.00	1200 [566.3]

[ ] Designates Metric Conversions

**Performance Data @ AHRI Standard Conditions – Cooling (con't.)**

**Note:** Ratings contained in this document are subject to change. For up-to-date and expanded ratings, please visit the AHRI web site ([www.ahridirectory.org](http://www.ahridirectory.org)).

S802V: 2-Stage 80% ECM Furnace Ratings								
Outdoor Unit	Furnace	Indoor Coil	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	SEER	EER	Indoor CFM [L/s]
SA1342AJ1	S802VA075421M	TCF4821MTA	42000 [12.3]	29800 [8.7]	12200 [3.6]	13.00	11.00	1475 [696.1]
		TCF4821STA	40000 [11.7]	28300 [8.3]	11700 [3.4]	13.00	11.00	1250 [589.9]
		TCF4824HTA	41500 [12.2]	29400 [8.6]	12100 [3.5]	13.00	11.00	1250 [589.9]
		TCF4824STA	40000 [11.7]	28300 [8.3]	11700 [3.4]	13.00	11.00	1250 [589.9]
	S802VA075421Z	TCF4821MTA	41000 [12.0]	29000 [8.5]	12000 [3.5]	13.00	11.00	1250 [589.9]
		TCF4821STA	40000 [11.7]	28300 [8.3]	11700 [3.4]	13.00	11.00	1300 [613.5]
		TCF4824HTA	42000 [12.3]	29800 [8.7]	12200 [3.6]	13.00	11.00	1400 [660.7]
		TCF4824STA	40000 [11.7]	28300 [8.3]	11700 [3.4]	13.00	11.00	1300 [613.5]
	S802VA100521M	TCF4821MTA	41500 [12.2]	29400 [8.6]	12100 [3.5]	13.00	11.00	1325 [625.3]
		TCF4821STA	41000 [12.0]	29000 [8.5]	12000 [3.5]	13.00	11.00	1400 [660.7]
		TCF4824HTA	42000 [12.3]	29800 [8.7]	12200 [3.6]	13.00	11.00	1400 [660.7]
		TCF4824STA	41000 [12.0]	29000 [8.5]	12000 [3.5]	13.00	11.00	1400 [660.7]
	S802VA100521Z	TCF4821MTA	41000 [12.0]	29000 [8.5]	12000 [3.5]	13.00	11.00	1300 [613.5]
		TCF4821STA	41000 [12.0]	29000 [8.5]	12000 [3.5]	13.00	11.00	1450 [684.3]
		TCF4824HTA	42000 [12.3]	29800 [8.7]	12200 [3.6]	13.00	11.00	1450 [684.3]
		TCF4824STA	41000 [12.0]	29000 [8.5]	12000 [3.5]	13.00	11.00	1450 [684.3]
	S802VA125524M	TCF4824HTA	42000 [12.3]	29800 [8.7]	12200 [3.6]	13.00	11.00	1425 [672.5]
		TCF4824STA	41000 [12.0]	29000 [8.5]	12000 [3.5]	13.00	11.00	1475 [696.1]
	S802VA125524Z	TCF4824HTA	41500 [12.2]	29400 [8.6]	12100 [3.5]	13.00	11.00	1200 [566.3]
		TCF4824STA	40000 [11.7]	28300 [8.3]	11700 [3.4]	13.00	11.00	1200 [566.3]
SA1348AC1	S802VA075421M	TCF4824HTA	48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.00	1350 [637.1]
	S802VA100521M	TCF4821MTA	48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.00	1350 [637.1]
		TCF4824HTA	48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.00	1525 [719.7]
	S802VA125524M	TCF4824HTA	48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.00	1575 [743.3]
S802VA125524Z	TCF4824HTA	48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.00	1325 [625.3]	
SA1348AD1	S802VA075421M	TCF4824HTA	48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.00	1350 [637.1]
	S802VA100521M	TCF4821MTA	48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.00	1350 [637.1]
		TCF4824HTA	48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.00	1525 [719.7]
	S802VA125524M	TCF4824HTA	48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.00	1575 [743.3]
S802VA125524Z	TCF4824HTA	48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.00	1325 [625.3]	
SA1348AJ1	S802VA075317Z	TCF4821MTA	47500 [13.9]	34000 [10.0]	13500 [4.0]	13.00	11.00	1325 [625.3]
	S802VA075421M	TCF4821MTA	48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.00	1550 [731.5]
		TCF4821STA	46500 [13.6]	33300 [9.8]	13200 [3.9]	13.00	11.00	1250 [589.9]
		TCF4824HTA	48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.00	1350 [637.1]
		TCF4824STA	46500 [13.6]	33300 [9.8]	13200 [3.9]	13.00	11.00	1250 [589.9]
	S802VA075421Z	TCF4821MTA	48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.00	1550 [731.5]
		TCF4821STA	47000 [13.8]	33700 [9.9]	13300 [3.9]	13.00	11.00	1400 [660.7]
		TCF4824HTA	48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.00	1450 [684.3]
	S802VA100521M	TCF4824STA	47000 [13.8]	33700 [9.9]	13300 [3.9]	13.00	11.00	1400 [660.7]
		TCF4821MTA	48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.00	1350 [637.1]
		TCF4821STA	47500 [13.9]	34000 [10.0]	13500 [4.0]	13.00	11.00	1400 [660.7]
	S802VA100521Z	TCF4824HTA	48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.00	1525 [719.7]
TCF4824STA		47500 [13.9]	34000 [10.0]	13500 [4.0]	13.00	11.00	1400 [660.7]	
TCF4821MTA		48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.00	1500 [707.9]	
TCF4821STA		47500 [13.9]	34000 [10.0]	13500 [4.0]	13.00	11.00	1550 [731.5]	
S802VA100521Z	TCF4824HTA	48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.00	1600 [755.1]	
	TCF4824STA	47500 [13.9]	34000 [10.0]	13500 [4.0]	13.00	11.00	1550 [731.5]	
	TCF4824STA	47500 [13.9]	34000 [10.0]	13500 [4.0]	13.00	11.00	1550 [731.5]	

[ ] Designates Metric Conversions

**Performance Data @ AHRI Standard Conditions – Cooling (con't.)**

**Note:** Ratings contained in this document are subject to change. For up-to-date and expanded ratings, please visit the AHRI web site ([www.ahridirectory.org](http://www.ahridirectory.org)).

S802V: 2-Stage 80% ECM Furnace Ratings								
Outdoor Unit	Furnace	Indoor Coil	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	SEER	EER	Indoor CFM [L/s]
SA1348AJ1	S802VA125524M	TCF4824HTA	48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.00	1575 [743.3]
		TCF4824STA	48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.00	1525 [719.7]
	S802VA125524Z	TCF4824HTA	48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.00	1325 [625.3]
		TCF4824STA	46500 [13.6]	33300 [9.8]	13200 [3.9]	13.00	11.00	1250 [589.9]
SA1360AJ1	S802VA075421M	TCF6021STA	55000 [16.1]	38900 [11.4]	16100 [4.7]	13.00	11.00	1600 [755.1]
		TCF6024HTA	56500 [16.6]	40000 [11.7]	16500 [4.8]	13.00	11.00	1550 [731.5]
		TCF6024STA	56500 [16.6]	40000 [11.7]	16500 [4.8]	13.00	11.00	1550 [731.5]
	S802VA075421Z	TCF6024HTA	56000 [16.4]	39600 [11.6]	16400 [4.8]	13.00	11.00	1600 [755.1]
		TCF6024STA	56000 [16.4]	39600 [11.6]	16400 [4.8]	13.00	11.00	1600 [755.1]
	S802VA100521M	TCF6021STA	55000 [16.1]	38900 [11.4]	16100 [4.7]	13.00	11.00	1575 [743.3]
		TCF6024HTA	57000 [16.7]	40300 [11.8]	16700 [4.9]	13.00	11.00	1675 [790.5]
		TCF6024STA	57000 [16.7]	40300 [11.8]	16700 [4.9]	13.00	11.00	1675 [790.5]
	S802VA100521Z	TCF6024HTA	55500 [16.3]	39200 [11.5]	16300 [4.8]	13.00	11.00	1400 [660.7]
		TCF6024STA	55500 [16.3]	39200 [11.5]	16300 [4.8]	13.00	11.00	1400 [660.7]
	S802VA125524M	TCF6024HTA	57500 [16.9]	40700 [11.9]	16800 [4.9]	13.00	11.00	1775 [837.7]
		TCF6024STA	57500 [16.9]	40700 [11.9]	16800 [4.9]	13.00	11.00	1775 [837.7]
	S802VA125524Z	TCF6024HTA	56000 [16.4]	39600 [11.6]	16400 [4.8]	13.00	11.00	1500 [707.9]
		TCF6024STA	56000 [16.4]	39600 [11.6]	16400 [4.8]	13.00	11.00	1500 [707.9]

[ ] Designates Metric Conversions

**Performance Data @ AHRI Standard Conditions – Cooling (con't.)**

**Note:** Ratings contained in this document are subject to change. For up-to-date and expanded ratings, please visit the AHRI web site ([www.ahridirectory.org](http://www.ahridirectory.org)).

S95T: 95% AFUE Single-Stage Constant Torque Multipoise Gas Furnace Ratings									
Outdoor Unit	Furnace	Indoor Coil	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	SEER	EER	Indoor CFM [L/s]	
SA1318AJ1	S95TC0401317M	TCF2417HTA	18000 [5.3]	12900 [3.8]	5100 [1.5]	14.00	12.00	650 [306.8]	
		TCF2417MTA	18000 [5.3]	12900 [3.8]	5100 [1.5]	14.00	12.00	650 [306.8]	
		TCF2417STA	18000 [5.3]	12900 [3.8]	5100 [1.5]	14.00	12.00	650 [306.8]	
		TCF2421HTA	18000 [5.3]	12900 [3.8]	5100 [1.5]	14.00	12.00	650 [306.8]	
		TCF2421MTA	18000 [5.3]	12900 [3.8]	5100 [1.5]	14.00	12.00	650 [306.8]	
SA1324BJ1		S95TC0601317M	TCF2417HTA	24000 [7.0]	16900 [5.0]	7100 [2.1]	14.00	11.50	875 [413.0]
			TCF2417MTA	24000 [7.0]	16900 [5.0]	7100 [2.1]	14.00	11.50	875 [413.0]
			TCF2417STA	23800 [7.0]	17800 [5.2]	6000 [1.8]	14.00	11.50	750 [354.0]
			TCF2421HTA	23600 [6.9]	16300 [4.8]	7300 [2.1]	14.00	11.50	750 [354.0]
			TCF2421MTA	24000 [7.0]	16900 [5.0]	7100 [2.1]	14.00	11.50	875 [413.0]
	S95TC0701317M	TCF2417HTA	23400 [6.9]	17500 [5.1]	5900 [1.7]	14.00	11.50	725 [342.2]	
		TCF2417MTA	23400 [6.9]	17500 [5.1]	5900 [1.7]	14.00	11.50	700 [330.4]	
		TCF2417STA	23400 [6.9]	17500 [5.1]	5900 [1.7]	14.00	11.50	700 [330.4]	
		TCF2421HTA	23400 [6.9]	17500 [5.1]	5900 [1.7]	14.00	11.50	700 [330.4]	
		TCF2421MTA	23400 [6.9]	17500 [5.1]	5900 [1.7]	14.00	11.50	700 [330.4]	
SA1330AJ1	S95TC0401317M	TCF3617STA	28600 [8.4]	21200 [6.2]	7400 [2.2]	13.50	11.50	925 [436.6]	
		TCF3621HTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	14.60	12.50	1000 [471.9]	
		TCF3621MTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	14.00	12.00	950 [448.4]	
		TCF3621STA	28800 [8.4]	21300 [6.2]	7500 [2.2]	13.50	11.50	950 [448.4]	
	S95TC0601317M	TCF3617STA	28800 [8.4]	21300 [6.2]	7500 [2.2]	13.00	11.50	1025 [483.7]	
		TCF3621HTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	14.00	12.00	1075 [507.3]	
		TCF3621MTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	14.00	12.00	900 [424.8]	
		TCF3621STA	29000 [8.5]	21500 [6.3]	7500 [2.2]	13.00	11.50	1050 [495.5]	
	S95TC0701317M	TCF3617STA	28400 [8.3]	21000 [6.2]	7400 [2.2]	13.00	11.50	925 [436.6]	
		TCF3621HTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	14.00	12.00	975 [460.1]	
TCF3621MTA		29800 [8.7]	22100 [6.5]	7700 [2.3]	14.00	12.00	875 [413.0]		
TCF3621STA		28400 [8.3]	21000 [6.2]	7400 [2.2]	13.00	11.50	925 [436.6]		
SA1336AC1	S95TC0401317M	TCF3621HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1000 [471.9]	
		TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1175 [554.5]	
	S95TC0601317M	TCF3621HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1075 [507.3]	
		TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1050 [495.5]	
	S95TC0701317M	TCF3621HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	975 [460.1]	
		TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1075 [507.3]	
	S95TC1151524M	TCF3624MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1275 [601.7]	
	SA1336AD1	S95TC0401317M	TCF3621HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1000 [471.9]
TCF3621MTA			36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1175 [554.5]	
S95TC0601317M		TCF3621HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1075 [507.3]	
		TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1050 [495.5]	
S95TC0701317M		TCF3621HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	975 [460.1]	
		TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1075 [507.3]	
S95TC1151524M		TCF3624MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1275 [601.7]	
SA1336AJ1		S95TC0401317M	TCF3617STA	35000 [10.3]	23600 [6.9]	11400 [3.3]	13.00	11.00	1050 [495.5]
	TCF3621HTA		36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1000 [471.9]	
	TCF3621MTA		36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1175 [554.5]	
	TCF3621STA		35200 [10.3]	23800 [7.0]	11400 [3.3]	13.00	11.00	1075 [507.3]	

[ ] Designates Metric Conversions

Performance Data @ AHRI Standard Conditions – Cooling (con't.)

Note: Ratings contained in this document are subject to change. For up-to-date and expanded ratings, please visit the AHRI web site (www.ahridirectory.org).

S95T: 95% AFUE Single-Stage Constant Torque Multipoise Gas Furnace Ratings									
Outdoor Unit	Furnace	Indoor Coil	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	SEER	EER	Indoor CFM [L/s]	
SA1336AJ1	S95TC0601317M	TCF3617STA	34800 [10.2]	23500 [6.9]	11300 [3.3]	13.00	11.00	1000 [471.9]	
		TCF3621HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1075 [507.3]	
		TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1050 [495.5]	
		TCF3621STA	34800 [10.2]	23500 [6.9]	11300 [3.3]	13.00	11.00	1025 [483.7]	
	S95TC0701317M	TCF3617STA	34800 [10.2]	23500 [6.9]	11300 [3.3]	13.00	11.00	1075 [507.3]	
		TCF3621HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	975 [460.1]	
		TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1075 [507.3]	
		TCF3621STA	34200 [10.0]	23100 [6.8]	11100 [3.3]	13.00	11.00	925 [436.6]	
	S95TC1151524M	TCF3624MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1275 [601.7]	
	SA1342AC1	S95TC0401317M	TCF4821MTA	40500 [11.9]	28700 [8.4]	11800 [3.5]	13.00	11.00	1125 [530.9]
	SA1342AD1		TCF4821MTA	40500 [11.9]	28700 [8.4]	11800 [3.5]	13.00	11.00	1125 [530.9]
	SA1342AJ1		TCF4821MTA	40500 [11.9]	28700 [8.4]	11800 [3.5]	13.00	11.00	1125 [530.9]
TCF4821STA			39500 [11.6]	28000 [8.2]	11500 [3.4]	13.00	11.00	1175 [554.5]	
S95TC0601317M			TCF4821MTA	40000 [11.7]	28300 [8.3]	11700 [3.4]	13.00	11.00	1075 [507.3]
			TCF4821STA	39000 [11.4]	27600 [8.1]	11400 [3.3]	13.00	11.00	1050 [495.5]
S95TC0701317M			TCF4821MTA	40000 [11.7]	28300 [8.3]	11700 [3.4]	13.00	11.00	1075 [507.3]
			TCF4821STA	39000 [11.4]	27600 [8.1]	11400 [3.3]	13.00	11.00	1125 [530.9]
S95TC0851521M			TCF4821MTA	41000 [12.0]	29000 [8.5]	12000 [3.5]	13.00	11.00	1350 [637.1]
			TCF4821STA	40000 [11.7]	28300 [8.3]	11700 [3.4]	13.00	11.00	1325 [625.3]
			TCF4824HTA	42000 [12.3]	29800 [8.7]	12200 [3.6]	13.00	11.00	1475 [696.1]
			TCF4824STA	40000 [11.7]	28300 [8.3]	11700 [3.4]	13.00	11.00	1325 [625.3]
S95TC1001521M		TCF4821MTA	41000 [12.0]	29000 [8.5]	12000 [3.5]	13.00	11.00	1425 [672.5]	
		TCF4821STA	40500 [11.9]	28700 [8.4]	11800 [3.5]	13.00	11.00	1400 [660.7]	
	TCF4824HTA	42000 [12.3]	29800 [8.7]	12200 [3.6]	13.00	11.00	1450 [684.3]		
	TCF4824STA	40500 [11.9]	28700 [8.4]	11800 [3.5]	13.00	11.00	1400 [660.7]		
S95TC1151524M	TCF4824HTA	42000 [12.3]	29800 [8.7]	12200 [3.6]	13.00	11.00	1450 [684.3]		
	TCF4824STA	40000 [11.7]	28300 [8.3]	11700 [3.4]	13.00	11.00	1275 [601.7]		
SA1348AJ1	S95TC0851521M	TCF4821MTA	48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.00	1475 [696.1]	
		TCF4821STA	46500 [13.6]	33300 [9.8]	13200 [3.9]	13.00	11.00	1300 [613.5]	
		TCF4824HTA	48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.00	1350 [637.1]	
		TCF4824STA	46500 [13.6]	33300 [9.8]	13200 [3.9]	13.00	11.00	1300 [613.5]	
	S95TC1001521M	TCF4821MTA	48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.00	1525 [719.7]	
		TCF4821STA	47000 [13.8]	33700 [9.9]	13300 [3.9]	13.00	11.00	1375 [648.9]	
		TCF4824HTA	48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.00	1425 [672.5]	
		TCF4824STA	47000 [13.8]	33700 [9.9]	13300 [3.9]	13.00	11.00	1375 [648.9]	
	S95TC1151524M	TCF4824HTA	48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.00	1300 [613.5]	
		TCF4824STA	46500 [13.6]	33300 [9.8]	13200 [3.9]	13.00	11.00	1275 [601.7]	
	SA1360AJ1	S95TC0851521M	TCF6021STA	53500 [15.7]	37800 [11.1]	15700 [4.6]	13.00	11.00	1375 [648.9]
			TCF6024HTA	55500 [16.3]	39200 [11.5]	16300 [4.8]	13.00	11.00	1475 [696.1]
S95TC1001521M		TCF6021STA	53500 [15.7]	37800 [11.1]	15700 [4.6]	13.00	11.00	1425 [672.5]	
		TCF6024HTA	56000 [16.4]	39600 [11.6]	16400 [4.8]	13.00	11.00	1550 [731.5]	
S95TC1151524M		TCF6024HTA	55500 [16.3]	39200 [11.5]	16300 [4.8]	13.00	11.00	1425 [672.5]	

[ ] Designates Metric Conversions

**Performance Data @ AHRI Standard Conditions – Cooling (con't.)**

**Note:** Ratings contained in this document are subject to change. For up-to-date and expanded ratings, please visit the AHRI web site ([www.ahridirectory.org](http://www.ahridirectory.org)).

S96V: 96% AFUE 2-Stage Variable Speed Multipoise Gas Furnace Ratings								
Outdoor Unit	Furnace	Indoor Coil	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	SEER	EER	Indoor CFM [L/s]
SA1318AJ1	S96VA0402317M	TCF2417HTA	18000 [5.3]	12900 [3.8]	5100 [1.5]	14.00	12.00	675 [318.6]
		TCF2417MTA	18000 [5.3]	12900 [3.8]	5100 [1.5]	14.00	12.00	675 [318.6]
		TCF2417STA	18000 [5.3]	12900 [3.8]	5100 [1.5]	14.00	12.00	675 [318.6]
		TCF2421HTA	18000 [5.3]	12900 [3.8]	5100 [1.5]	14.00	12.00	675 [318.6]
		TCF2421MTA	18000 [5.3]	12900 [3.8]	5100 [1.5]	14.00	12.00	675 [318.6]
	S96VA0602317M	TCF2417HTA	18000 [5.3]	12900 [3.8]	5100 [1.5]	14.00	12.00	650 [306.8]
		TCF2417MTA	18000 [5.3]	12900 [3.8]	5100 [1.5]	14.00	12.00	650 [306.8]
		TCF2417STA	17800 [5.2]	12700 [3.7]	5100 [1.5]	14.00	12.00	575 [271.4]
		TCF2421HTA	18000 [5.3]	12900 [3.8]	5100 [1.5]	14.00	12.00	650 [306.8]
		TCF2421MTA	18000 [5.3]	12900 [3.8]	5100 [1.5]	14.00	12.00	650 [306.8]
	S96VA0702317M	TCF2417HTA	18000 [5.3]	12900 [3.8]	5100 [1.5]	14.00	12.00	650 [306.8]
		TCF2417MTA	18000 [5.3]	12900 [3.8]	5100 [1.5]	14.00	12.00	650 [306.8]
		TCF2417STA	18000 [5.3]	12900 [3.8]	5100 [1.5]	14.00	12.00	650 [306.8]
		TCF2421HTA	18000 [5.3]	12900 [3.8]	5100 [1.5]	14.00	12.00	650 [306.8]
		TCF2421MTA	18000 [5.3]	12900 [3.8]	5100 [1.5]	14.00	12.00	650 [306.8]
	S96VA0852521M	TCF2421HTA	17700 [5.2]	12700 [3.7]	5000 [1.5]	14.00	12.00	525 [247.8]
		TCF2421MTA	17700 [5.2]	12700 [3.7]	5000 [1.5]	14.00	12.00	525 [247.8]
	S96VA1002521M	TCF2421HTA	17700 [5.2]	12700 [3.7]	5000 [1.5]	14.00	12.00	525 [247.8]
		TCF2421MTA	17700 [5.2]	12700 [3.7]	5000 [1.5]	14.00	12.00	525 [247.8]
	SA1324BJ1	S96VA0402317M	TCF2417HTA	23800 [7.0]	16600 [4.9]	7200 [2.1]	14.00	11.50
TCF2417MTA			23800 [7.0]	16600 [4.9]	7200 [2.1]	14.00	11.50	825 [389.4]
TCF2417STA			23400 [6.9]	17100 [5.0]	6300 [1.8]	14.00	11.50	650 [306.8]
TCF2421HTA			23000 [6.7]	15400 [4.5]	7600 [2.2]	14.00	11.50	650 [306.8]
TCF2421MTA			23800 [7.0]	16600 [4.9]	7200 [2.1]	14.00	11.50	825 [389.4]
S96VA0602317M		TCF2417HTA	23800 [7.0]	16700 [4.9]	7100 [2.1]	14.00	11.50	850 [401.2]
		TCF2417MTA	23800 [7.0]	16700 [4.9]	7100 [2.1]	14.00	11.50	850 [401.2]
		TCF2417STA	24000 [7.0]	18000 [5.3]	6000 [1.8]	14.00	11.50	850 [401.2]
		TCF2421HTA	23800 [7.0]	16700 [4.9]	7100 [2.1]	14.00	11.50	850 [401.2]
		TCF2421MTA	23800 [7.0]	16700 [4.9]	7100 [2.1]	14.00	11.50	850 [401.2]
S96VA0702317M		TCF2417HTA	23800 [7.0]	16500 [4.8]	7300 [2.1]	14.00	11.50	775 [365.8]
		TCF2417MTA	23800 [7.0]	16500 [4.8]	7300 [2.1]	14.00	11.50	775 [365.8]
		TCF2417STA	24000 [7.0]	18000 [5.3]	6000 [1.8]	14.00	11.50	775 [365.8]
		TCF2421HTA	23800 [7.0]	16500 [4.8]	7300 [2.1]	14.00	11.50	775 [365.8]
		TCF2421MTA	23800 [7.0]	16500 [4.8]	7300 [2.1]	14.00	11.50	775 [365.8]
S96VA0852521M		TCF2421HTA	23800 [7.0]	16600 [4.9]	7200 [2.1]	14.00	11.50	825 [389.4]
		TCF2421MTA	23800 [7.0]	16600 [4.9]	7200 [2.1]	14.00	11.50	825 [389.4]
S96VA1002521M		TCF2421HTA	23800 [7.0]	16600 [4.9]	7200 [2.1]	14.00	11.50	800 [377.6]
		TCF2421MTA	23800 [7.0]	16600 [4.9]	7200 [2.1]	14.00	11.50	800 [377.6]
SA1330AJ1		S96VA0402317M	TCF3617STA	28600 [8.4]	21200 [6.2]	7400 [2.2]	13.50	11.50
	TCF3621HTA		30000 [8.8]	22200 [6.5]	7800 [2.3]	14.60	12.50	925 [436.6]
	TCF3621MTA		30000 [8.8]	22200 [6.5]	7800 [2.3]	14.00	12.00	950 [448.4]
	TCF3621STA		28600 [8.4]	21200 [6.2]	7400 [2.2]	13.50	11.50	950 [448.4]
	S96VA0602317M	TCF3617STA	28200 [8.3]	20900 [6.1]	7300 [2.1]	13.50	11.50	825 [389.4]
		TCF3621HTA	29800 [8.7]	22100 [6.5]	7700 [2.3]	14.50	12.50	825 [389.4]
		TCF3621MTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	14.00	12.00	900 [424.8]
		TCF3621STA	28200 [8.3]	20900 [6.1]	7300 [2.1]	13.50	11.50	825 [389.4]
	S96VA0702317M	TCF3617STA	28600 [8.4]	21200 [6.2]	7400 [2.2]	13.50	11.50	950 [448.4]
		TCF3621HTA	29800 [8.7]	22100 [6.5]	7700 [2.3]	14.60	12.50	800 [377.6]
		TCF3621MTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	14.00	12.00	950 [448.4]
		TCF3621STA	28600 [8.4]	21200 [6.2]	7400 [2.2]	13.50	11.50	950 [448.4]

[ ] Designates Metric Conversions

Performance Data @ AHRI Standard Conditions – Cooling (con't.)

Note: Ratings contained in this document are subject to change. For up-to-date and expanded ratings, please visit the AHRI web site (www.ahridirectory.org).

S96V: 96% AFUE 2-Stage Variable Speed Multipoise Gas Furnace Ratings									
Outdoor Unit	Furnace	Indoor Coil	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	SEER	EER	Indoor CFM [L/s]	
SA1330AJ1	S96VA0852521M	TCF3621HTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	14.60	12.50	975 [460.1]	
		TCF3621MTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	14.00	12.00	1075 [507.3]	
		TCF3621STA	29000 [8.5]	21500 [6.3]	7500 [2.2]	13.50	11.50	1025 [483.7]	
		TCF3624HTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	14.60	12.50	1075 [507.3]	
		TCF3624MTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	14.00	12.00	1075 [507.3]	
	S96VA1002521M	TCF3621HTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	14.60	12.50	1050 [495.5]	
		TCF3621MTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	14.00	12.00	1050 [495.5]	
		TCF3621STA	29200 [8.6]	21600 [6.3]	7600 [2.2]	13.50	11.50	1050 [495.5]	
		TCF3624HTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	14.60	12.50	1050 [495.5]	
		TCF3624MTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	14.00	12.00	1050 [495.5]	
	S96VA1152524M	TCF3624HTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	15.00	13.00	1050 [495.5]	
		TCF3624MTA	30000 [8.8]	22200 [6.5]	7800 [2.3]	14.60	12.50	1000 [471.9]	
SA1336AC1	S96VA0402317M	TCF3621HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1125 [530.9]	
		TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1225 [578.1]	
	S96VA0602317M	TCF3621HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	975 [460.1]	
		TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1200 [566.3]	
	S96VA0702317M	TCF3621HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1150 [542.7]	
		TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1150 [542.7]	
	S96VA0852521M	TCF3621HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1275 [601.7]	
		TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1075 [507.3]	
		TCF3624HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1075 [507.3]	
		TCF3624MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1075 [507.3]	
	S96VA1002521M	TCF3621HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1000 [471.9]	
		TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1150 [542.7]	
		TCF3624HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1100 [519.1]	
		TCF3624MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1150 [542.7]	
	S96VA1152524M	TCF3624HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1000 [471.9]	
		TCF3624MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1000 [471.9]	
	SA1336AD1	S96VA0402317M	TCF3621HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1125 [530.9]
			TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1225 [578.1]
		S96VA0602317M	TCF3621HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	975 [460.1]
			TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1200 [566.3]
		S96VA0702317M	TCF3621HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1150 [542.7]
			TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1150 [542.7]
		S96VA0852521M	TCF3621HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1275 [601.7]
			TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1075 [507.3]
TCF3624HTA			36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1075 [507.3]	
TCF3624MTA			36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1075 [507.3]	
S96VA1002521M		TCF3621HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1000 [471.9]	
		TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1150 [542.7]	
		TCF3624HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1100 [519.1]	
		TCF3624MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1150 [542.7]	
S96VA1152524M		TCF3624HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1000 [471.9]	
		TCF3624MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1000 [471.9]	
SA1336AJ1		S96VA0402317M	TCF3617STA	34800 [10.2]	23500 [6.9]	11300 [3.3]	13.00	11.00	1025 [483.7]
			TCF3621HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1125 [530.9]
			TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1225 [578.1]
			TCF3621STA	34800 [10.2]	23500 [6.9]	11300 [3.3]	13.00	11.00	1025 [483.7]
		S96VA0602317M	TCF3617STA	34400 [10.1]	23200 [6.8]	11200 [3.3]	13.00	11.00	950 [448.4]
			TCF3621HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	975 [460.1]
			TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1200 [566.3]
			TCF3621STA	34600 [10.1]	23400 [6.9]	11200 [3.3]	13.00	11.00	975 [460.1]

[ ] Designates Metric Conversions



**Performance Data @ AHRI Standard Conditions – Cooling (con't.)**

**Note:** Ratings contained in this document are subject to change. For up-to-date and expanded ratings, please visit the AHRI web site ([www.ahridirectory.org](http://www.ahridirectory.org)).

S96V: 96% AFUE 2-Stage Variable Speed Multipoise Gas Furnace Ratings								
Outdoor Unit	Furnace	Indoor Coil	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	SEER	EER	Indoor CFM [L/s]
SA1336AJ1	S96VA0702317M	TCF3617STA	34400 [10.1]	23200 [6.8]	11200 [3.3]	13	11	950 [448.4]
		TCF3621HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13	11	1150 [542.7]
		TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13	11	1150 [542.7]
		TCF3621STA	35000 [10.3]	23600 [6.9]	11400 [3.3]	13	11	1050 [495.5]
	S96VA0852521M	TCF3621HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13	11	1275 [601.7]
		TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13	11	1075 [507.3]
		TCF3621STA	35800 [10.5]	24200 [7.1]	11600 [3.4]	13	11	1225 [578.1]
		TCF3624HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13	11	1075 [507.3]
	S96VA1002521M	TCF3624MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13	11	1075 [507.3]
		TCF3621HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13	11	1000 [471.9]
		TCF3621MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13	11	1150 [542.7]
		TCF3621STA	35800 [10.5]	24200 [7.1]	11600 [3.4]	13	11	1225 [578.1]
	S96VA1152524M	TCF3624HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13	11	1100 [519.1]
		TCF3624MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13	11	1150 [542.7]
		TCF3624HTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13	11	1000 [471.9]
		TCF3624MTA	36000 [10.6]	24300 [7.1]	11700 [3.4]	13	11	1000 [471.9]
SA1342AC1	S96VA0852521M	TCF4821MTA	40500 [11.9]	28700 [8.4]	11800 [3.5]	13	11	1225 [578.1]
		TCF4824HTA	41500 [12.2]	29400 [8.6]	12100 [3.5]	13	11	1300 [613.5]
	S96VA1002521M	TCF4821MTA	41000 [12.0]	29000 [8.5]	12000 [3.5]	13	11	1250 [589.9]
		TCF4824HTA	42000 [12.3]	29800 [8.7]	12200 [3.6]	13	11	1400 [660.7]
S96VA1152524M	TCF4824HTA	41500 [12.2]	29400 [8.6]	12100 [3.5]	13	11	1250 [589.9]	
	TCF4824STA	40000 [11.7]	28300 [8.3]	11700 [3.4]	13	11	1250 [589.9]	
SA1342AD1	S96VA0852521M	TCF4821MTA	40500 [11.9]	28700 [8.4]	11800 [3.5]	13	11	1225 [578.1]
		TCF4824HTA	41500 [12.2]	29400 [8.6]	12100 [3.5]	13	11	1300 [613.5]
	S96VA1002521M	TCF4821MTA	41000 [12.0]	29000 [8.5]	12000 [3.5]	13	11	1250 [589.9]
		TCF4824HTA	42000 [12.3]	29800 [8.7]	12200 [3.6]	13	11	1400 [660.7]
S96VA1152524M	TCF4824HTA	41500 [12.2]	29400 [8.6]	12100 [3.5]	13	11	1250 [589.9]	
	TCF4824STA	40000 [11.7]	28300 [8.3]	11700 [3.4]	13	11	1250 [589.9]	
SA1342AJ1	S96VA0402317M	TCF4821MTA	40500 [11.9]	28700 [8.4]	11800 [3.5]	13	11	1225 [578.1]
		TCF4821STA	39500 [11.6]	28000 [8.2]	11500 [3.4]	13	11	1125 [530.9]
	S96VA0602317M	TCF4821MTA	40500 [11.9]	28700 [8.4]	11800 [3.5]	13	11	1200 [566.3]
		TCF4821STA	39000 [11.4]	27600 [8.1]	11400 [3.3]	13	11	1050 [495.5]
	S96VA0702317M	TCF4821MTA	40500 [11.9]	28700 [8.4]	11800 [3.5]	13	11	1150 [542.7]
		TCF4821STA	39500 [11.6]	28000 [8.2]	11500 [3.4]	13	11	1150 [542.7]
	S96VA0852521M	TCF4821MTA	40500 [11.9]	28700 [8.4]	11800 [3.5]	13	11	1225 [578.1]
		TCF4821STA	40000 [11.7]	28300 [8.3]	11700 [3.4]	13	11	1275 [601.7]
		TCF4824HTA	41500 [12.2]	29400 [8.6]	12100 [3.5]	13	11	1300 [613.5]
		TCF4824STA	40000 [11.7]	28300 [8.3]	11700 [3.4]	13	11	1275 [601.7]
	S96VA1002521M	TCF4821MTA	41000 [12.0]	29000 [8.5]	12000 [3.5]	13	11	1250 [589.9]
		TCF4821STA	40500 [11.9]	28700 [8.4]	11800 [3.5]	13	11	1350 [637.1]
		TCF4824HTA	42000 [12.3]	29800 [8.7]	12200 [3.6]	13	11	1400 [660.7]
		TCF4824STA	40500 [11.9]	28700 [8.4]	11800 [3.5]	13	11	1350 [637.1]
	S96VA1152524M	TCF4824HTA	41500 [12.2]	29400 [8.6]	12100 [3.5]	13	11	1250 [589.9]
		TCF4824STA	40000 [11.7]	28300 [8.3]	11700 [3.4]	13	11	1250 [589.9]
SA1348AC1	S96VA1152524M	TCF4824HTA	48000 [14.1]	34400 [10.1]	13600 [4.0]	13	11	1350 [637.1]
SA1348AD1		TCF4824HTA	48000 [14.1]	34400 [10.1]	13600 [4.0]	13	11	1350 [637.1]

[ ] Designates Metric Conversions

**Performance Data @ AHRI Standard Conditions – Cooling (con't.)**

**Note:** Ratings contained in this document are subject to change. For up-to-date and expanded ratings, please visit the AHRI web site ([www.ahridirectory.org](http://www.ahridirectory.org)).

S96V: 96% AFUE 2-Stage Variable Speed Multipoise Gas Furnace Ratings								
Outdoor Unit	Furnace	Indoor Coil	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	SEER	EER	Indoor CFM [L/s]
SA1348AJ1	S96VA0852521M	TCF4821MTA	47500 [13.9]	34000 [10.0]	13500 [4.0]	13	11	1275 [601.7]
		TCF4821STA	46500 [13.6]	33300 [9.8]	13200 [3.9]	13	11	1300 [613.5]
		TCF4824HTA	48000 [14.1]	34400 [10.1]	13600 [4.0]	13	11	1350 [637.1]
		TCF4824STA	46500 [13.6]	33300 [9.8]	13200 [3.9]	13	11	1300 [613.5]
	S96VA1002521M	TCF4821MTA	48000 [14.1]	34400 [10.1]	13600 [4.0]	13	11	1550 [731.5]
		TCF4821STA	47000 [13.8]	33700 [9.9]	13300 [3.9]	13	11	1350 [637.1]
		TCF4824HTA	48000 [14.1]	34400 [10.1]	13600 [4.0]	13	11	1475 [696.1]
		TCF4824STA	47000 [13.8]	33700 [9.9]	13300 [3.9]	13	11	1350 [637.1]
	S96VA1152524M	TCF4824HTA	48000 [14.1]	34400 [10.1]	13600 [4.0]	13	11	1350 [637.1]
		TCF4824STA	46500 [13.6]	33300 [9.8]	13200 [3.9]	13	11	1250 [589.9]
SA1360AJ1	S96VA0852521M	TCF6024HTA	56500 [16.6]	40000 [11.7]	16500 [4.8]	13	11	1575 [743.3]
		TCF6024STA	56500 [16.6]	40000 [11.7]	16500 [4.8]	13	11	1575 [743.3]
	S96VA1002521M	TCF6021STA	54000 [15.8]	38200 [11.2]	15800 [4.6]	13	11	1475 [696.1]
		TCF6024HTA	56500 [16.6]	40000 [11.7]	16500 [4.8]	13	11	1625 [766.9]
		TCF6024STA	56500 [16.6]	40000 [11.7]	16500 [4.8]	13	11	1625 [766.9]
	S96VA1152524M	TCF6024HTA	56500 [16.6]	40000 [11.7]	16500 [4.8]	13	11	1575 [743.3]
		TCF6024STA	56500 [16.6]	40000 [11.7]	16500 [4.8]	13	11	1575 [743.3]

[ ] Designates Metric Conversions

**Performance Data @ AHRI Standard Conditions – Cooling (con't.)**

**Note:** Ratings contained in this document are subject to change. For up-to-date and expanded ratings, please visit the AHRI web site ([www.ahridirectory.org](http://www.ahridirectory.org)).

Air Handler Ratings							
Outdoor Unit	Indoor Coil	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	SEER	EER	Indoor CFM [L/s]
SA1318AJ1	RF1P1821STAN	17500 [5.1]	12500 [3.7]	5000 [1.5]	13.00	11.00	550 [259.6]
	RF1T2421MTAN	18000 [5.3]	12900 [3.8]	5100 [1.5]	14.00	12.00	625 [295.0]
	SBHP-17	17800 [5.2]	12700 [3.7]	5100 [1.5]	13.50	11.50	600 [283.2]
	SH1C2417STAN	18000 [5.3]	12900 [3.8]	5100 [1.5]	14.00	12.00	600 [283.2]
	SH1P1817STAN	17700 [5.2]	12700 [3.7]	5000 [1.5]	13.00	11.50	600 [283.2]
	SH1V2417STAN	18000 [5.3]	12900 [3.8]	5100 [1.5]	14.00	12.00	650 [306.8]
SA1324BJ1	RF1T2421MTAN	22800 [6.7]	17100 [5.0]	5700 [1.7]	14.00	11.50	625 [295.0]
	SBHP-17	23800 [7.0]	15800 [4.6]	8000 [2.3]	14.00	11.50	800 [377.6]
	SH1C2417STAN	24000 [7.0]	18100 [5.3]	5900 [1.7]	14.50	12.00	800 [377.6]
	SH1V2417STAN	24000 [7.0]	18000 [5.3]	6000 [1.8]	14.00	11.50	850 [401.2]
SA1330AJ1	RF1P3024SPAN	29200 [8.6]	21600 [6.3]	7600 [2.2]	13.00	11.50	900 [424.8]
	RF1P3024STAN	29200 [8.6]	21600 [6.3]	7600 [2.2]	13.00	11.50	900 [424.8]
	RF1T3624MTAN	30000 [8.8]	22200 [6.5]	7800 [2.3]	14.00	12.00	1025 [483.7]
	SBHP-21	29600 [8.7]	21900 [6.4]	7700 [2.3]	14.00	12.00	1000 [471.9]
	SH1C3617STAN	29000 [8.5]	21500 [6.3]	7500 [2.2]	14.00	12.00	1000 [471.9]
	SH1C3621HTAN	30000 [8.8]	22200 [6.5]	7800 [2.3]	15.00	13.00	1000 [471.9]
	SH1C3621MTAN	30000 [8.8]	22200 [6.5]	7800 [2.3]	14.50	12.50	1000 [471.9]
	SH1P3017STAN	28600 [8.4]	21200 [6.2]	7400 [2.2]	13.00	11.50	975 [460.1]
	SH1V3617STAN	29000 [8.5]	21500 [6.3]	7500 [2.2]	13.50	11.50	1025 [483.7]
	SH1V3621HTAN	30000 [8.8]	22200 [6.5]	7800 [2.3]	15.00	13.00	1000 [471.9]
	SH1V3621MTAN	30000 [8.8]	22200 [6.5]	7800 [2.3]	14.50	12.50	1000 [471.9]
	SA1336AC1	RF1T3624MTAN	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00
SBHP-21		36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1200 [566.3]
SH1C3617STAN		35200 [10.3]	23800 [7.0]	11400 [3.3]	13.00	11.00	1000 [471.9]
SH1C3621HTAN		36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1200 [566.3]
SH1C3621MTAN		36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1175 [554.5]
SH1V3621HTAN		36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1200 [566.3]
SH1V3621MTAN		36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1200 [566.3]
SA1336AD1	RF1T3624MTAN	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1025 [483.7]
	SBHP-21	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1200 [566.3]
	SH1C3617STAN	35200 [10.3]	23800 [7.0]	11400 [3.3]	13.00	11.00	1000 [471.9]
	SH1C3621HTAN	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1200 [566.3]
	SH1C3621MTAN	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1175 [554.5]
	SH1V3621HTAN	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1200 [566.3]
	SH1V3621MTAN	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1200 [566.3]
SA1336AJ1	RF1P3624SPAN	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1100 [519.1]
	RF1P3624STAN	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1100 [519.1]
	RF1T3624MTAN	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1025 [483.7]
	SBHP-21	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1200 [566.3]
	SH1C3617STAN	35200 [10.3]	23800 [7.0]	11400 [3.3]	13.50	11.50	1000 [471.9]
	SH1C3621HTAN	36000 [10.6]	24300 [7.1]	11700 [3.4]	14.50	12.50	1200 [566.3]
	SH1C3621MTAN	36000 [10.6]	24300 [7.1]	11700 [3.4]	14.00	12.00	1175 [554.5]
	SH1P3017STAN	34200 [10.0]	23100 [6.8]	11100 [3.3]	13.00	11.00	950 [448.4]
	SH1P3617STAN	35000 [10.3]	23600 [6.9]	11400 [3.3]	13.00	11.00	1200 [566.3]
	SH1P3621STAN	35000 [10.3]	23600 [6.9]	11400 [3.3]	13.00	11.00	1200 [566.3]
	SH1V3617STAN	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1225 [578.1]
	SH1V3621HTAN	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1200 [566.3]
SH1V3621MTAN	36000 [10.6]	24300 [7.1]	11700 [3.4]	13.00	11.00	1200 [566.3]	

[ ] Designates Metric Conversions

**Performance Data @ AHRI Standard Conditions – Cooling (con't.)**

**Note:** Ratings contained in this document are subject to change. For up-to-date and expanded ratings, please visit the AHRI web site ([www.ahridirectory.org](http://www.ahridirectory.org)).

Air Handler Ratings							
Outdoor Unit	Indoor Coil	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	SEER	EER	Indoor CFM [L/s]
SA1342AC1	SBHP-24	40500 [11.9]	28700 [8.4]	11800 [3.5]	13.00	11.00	1400 [660.7]
	SH1C4821MTAN	41500 [12.2]	29400 [8.6]	12100 [3.5]	13.00	11.00	1400 [660.7]
	SH1C4821STAN	41000 [12.0]	29000 [8.5]	12000 [3.5]	13.00	11.00	1400 [660.7]
	SH1V4821STAN	40000 [11.7]	28300 [8.3]	11700 [3.4]	13.00	11.00	1225 [578.1]
SA1342AD1	SBHP-24	40500 [11.9]	28700 [8.4]	11800 [3.5]	13.00	11.00	1400 [660.7]
	SH1C4821MTAN	41500 [12.2]	29400 [8.6]	12100 [3.5]	13.00	11.00	1400 [660.7]
	SH1C4821STAN	41000 [12.0]	29000 [8.5]	12000 [3.5]	13.00	11.00	1400 [660.7]
	SH1V4821STAN	40000 [11.7]	28300 [8.3]	11700 [3.4]	13.00	11.00	1225 [578.1]
SA1342AJ1	SBHP-24	40500 [11.9]	28700 [8.4]	11800 [3.5]	13.00	11.00	1400 [660.7]
	SH1C4821MTAN	41500 [12.2]	29400 [8.6]	12100 [3.5]	13.50	11.50	1400 [660.7]
	SH1C4821STAN	41000 [12.0]	29000 [8.5]	12000 [3.5]	13.50	11.50	1400 [660.7]
	SH1P4221STAN	40000 [11.7]	28300 [8.3]	11700 [3.4]	13.00	11.00	1400 [660.7]
	SH1V4821STAN	40000 [11.7]	28300 [8.3]	11700 [3.4]	13.00	11.00	1225 [578.1]
SA1348AC1	SH1C4821MTAN	48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.00	1400 [660.7]
SA1348AD1	SH1C4821MTAN	48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.00	1400 [660.7]
SA1348AJ1	SBHP-24	48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.00	1600 [755.1]
	SH1C4821MTAN	48000 [14.1]	34400 [10.1]	13600 [4.0]	13.50	11.50	1400 [660.7]
	SH1C4821STAN	47500 [13.9]	34000 [10.0]	13500 [4.0]	13.00	11.50	1400 [660.7]
	SH1C4824STAN	48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.50	1550 [731.5]
	SH1P4821STAN	46500 [13.6]	33300 [9.8]	13200 [3.9]	13.00	11.00	1500 [707.9]
	SH1V4821STAN	48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.00	1575 [743.3]
	SH1V4824STAN	48000 [14.1]	34400 [10.1]	13600 [4.0]	13.00	11.00	1625 [766.9]
SA1360AC1	SH1V6024STAN	57000 [16.7]	40300 [11.8]	16700 [4.9]	13.00	11.00	1600 [755.1]
SA1360AD1	SH1V6024STAN	57000 [16.7]	40300 [11.8]	16700 [4.9]	13.00	11.00	1600 [755.1]
SA1360AJ1	SBHP-25	55000 [16.1]	38900 [11.4]	16100 [4.7]	13.00	11.00	1800 [849.5]
	SH1C6021STAN	56000 [16.4]	39600 [11.6]	16400 [4.8]	13.00	11.00	1750 [825.9]
	SH1C6024STAN	57000 [16.7]	40300 [11.8]	16700 [4.9]	13.00	11.50	1600 [755.1]
	SH1V6021STAN	56000 [16.4]	39600 [11.6]	16400 [4.8]	13.00	11.00	1700 [802.3]
	SH1V6024STAN	57000 [16.7]	40300 [11.8]	16700 [4.9]	13.00	11.00	1600 [755.1]

[ ] Designates Metric Conversions

## GUIDE SPECIFICATIONS

### General

#### System Description

Outdoor-mounted, air-cooled, split-system air conditioner composite base pan unit suitable for ground or rooftop installation. Unit consists of a hermetic compressor, an air-cooled coil, propeller-type condenser fan, suction and legend line service valve, 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 coil unit.

#### Quality Assurance

- Unit will be rated in accordance with the latest edition of AHRI Standard 210.
- Unit will be certified for capacity and efficiency, and listed in the latest AHRI directory.
- Unit construction will comply with latest edition of ANSI/ASHRAE and with NEC.
- Unit will be constructed in accordance with UL standards and will carry the UL label of approval. Unit will have c-UL-us approval.
- Unit cabinet will be capable of withstanding ASTM B117 1000-hr salt spray test.
- Air-cooled condenser coils will be leak tested at 150 psig and pressure tested at 550 psig.
- Unit constructed in ISO9001 approved facility.

#### Delivery, Storage, and Handling

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

**Warranty (for inclusion by specifying engineer)** – U.S. and Canada only.

### Products

#### Equipment

Factory assembled, single piece, air-cooled air conditioner unit. Contained within the unit enclosure is all factory wiring, piping, controls, compressor, refrigerant charge R-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.
- All units constructed with louver coil protection and corner post. Louver can be removed by removing one fastener per louver panel.

### AIR-COOLED, SPLIT-SYSTEM AIR CONDITIONER SA13

#### 1-1/2 TO 5 NOMINAL TONS

#### 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 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.

#### Refrigeration Components

- Refrigeration circuit components will include liquid-line shutoff valve with sweat connections, vapor-line shutoff valve with sweat connections, system charge of R-410A refrigerant, and compressor oil.
- Unit will be equipped with filter drier for R-410A refrigerant for field installation.

#### Operating Characteristics

- The capacity of the unit will meet or exceed \_\_\_\_\_ Btuh at a suction temperature of \_\_\_\_\_ °F/°C. 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/°C wet bulb and \_\_\_\_\_ °F/°C dry bulb, and air entering the unit at \_\_\_\_\_ °F/°C.
- The system will have a SEER of \_\_\_\_\_ Btuh/watt or greater at DOE conditions.

#### Electrical Requirements

- Nominal unit electrical characteristics will be \_\_\_\_\_ v, single phase, 60 hz. The unit will be capable of satisfactory operation within voltage limits of \_\_\_\_\_ v to \_\_\_\_\_ v.
- Nominal unit electrical characteristics will be \_\_\_\_\_ v, three phase, 60 hz. The unit will be capable of satisfactory operation within voltage limits of \_\_\_\_\_ v to \_\_\_\_\_ v.
- Unit electrical power will be single point connection.
- Control circuit will be 24v.

#### Special Features

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

**GENERAL TERMS OF LIMITED WARRANTY\***

Sure Comfort® will furnish a replacement for any part of this product which fails in normal use and service within the applicable period stated, in accordance with the terms of the limited warranty.

**\*For complete details of the Limited and Conditional Warranties, including applicable terms and conditions, contact your local contractor or the Manufacturer for a copy of the product warranty certificate.**

Conditional Parts  
(Registration Required) .....Ten (10) Years





**Sure Comfort®**  
P.O. Box 17010, Fort Smith, AR 72917

Before proceeding with installation, refer to installation instructions packaged with each model, as well as complying with all Federal, State, Provincial, and Local codes, regulations, and practices.