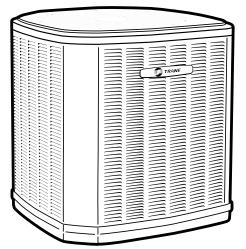
Submittal

Split System Heat Pump

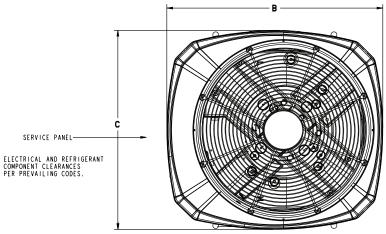
5A6H4024A1000A



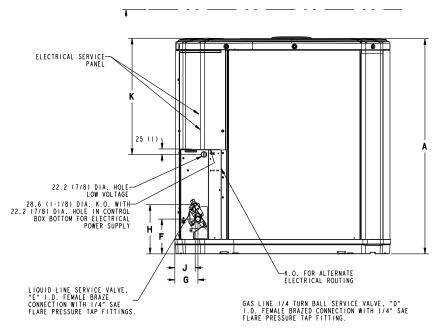
Note: "Graphics in this document are for representation only. Actual model may differ in appearance."

American Standard

Outline Drawing



TOP DISCHARGE AREA SHOULD BE UNRESTRICTED FOR AT LEAST 1524 (5 FEET) ABOVE UNIT. UNIT SHOULD BE PLACED SO ROOF RUN-OFF WATER DOES NOT POUR DIRECTLY ON UNIT, AND SHOULD BE AT LEAST 305 (12") FROM WALL AND ALL SURROUNDING SHRUBBERY ON TWO SIDES. OTHER TWO SIDES UNRESTRICTED.



Model	Base	Α	В	С	D	E	F	G	Н	J	K
5A6H4024A	3	832 (32-3/4)	829 (32-5/8)	756 (29-3/4)	3/4	5/16	127 (5)	76 (3)	197 (7-3/4)	60 (2-3/8)	508 (20)

Sound Power Level										
MODEL	A-Weighted Sound	Full Octave Sound Power(dB)								
MODEL	Power Level [dB(A)]	63 Hz*	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
5A6H4024A	71	77	72	68	68	69	60	53	47	
Note: Rated in accordance with AHRI Standard 270–2008 *For Reference Only										

2 5A6H4024A-SUB-1A-EN



Product Specifications

MIN. BRCH. CIR. AMPACITY BR. CIR. PROT. RTG MAX. (AMPS) COMPRESSOR NO. USED - NO. STAGES NO. USED - NO. STAGES R.L. AMPS (d) - L.R. AMPS FACTORY INSTALLED START COMPONENTS (e) INSULATION/SOUND BLANKET COMPRESSOR HEAT NO OUTDOOR FAN PROPELLER DIA. (IN.) - NO. USED TYPE DRIVE - NO. SPEEDS CFM @ 0.0 IN. W.G. (f) NO. MOTORS - HP MOTOR SPEED R.P.M. VOLTS/PH/HZ EL. AMPS OUTDOOR COIL - TYPE ROWS - F.P.I. FACE AREA (SQ. FT.) TUBE SIZE (IN.) REFRIGERANT LIBS R-454B (O.D. UNIT) (g) CHARGING SPECIFICATIONS SUBCOOLING DIMENSIONS LAND WEIGHT WEIGHT WEIGHT WEIGHT LEST - IN. O.D. GAS (h) (f) LOWE AND AND X33 WEIGHT WEIGHT WEIGHT WEIGHT AND AND X33 WEIGHT	OUTDOOR UNIT (a) (b)	5A6H4024A1000A				
DUTATION® - SCROLL NO. USED - NO. STAGES NO. USED - NO. STAGES RIL. AMPS (d) - L.R. AMPS FACTORY INSTALLED START COMPONENTS (e) INSULATION/SOUND BLANKET COMPRESSOR HEAT NO DUTATION/SOUND BLANKET NO USES BAYKSKT263) NO (Uses BAYKSKT26	POWER CONNS. – V/PH/HZ (c)	208/230/1/60				
COMPRESSOR DURATION® - SCROLL NO. USED - NO. STAGES 1 − 1 VOLTS/PH/HZ 208/230/1/60 R.L. AMPS (a) - L.R. AMPS 9.1 - 59.0 FACTORY INSTALLED NO (Uses BAYKSKT263) INSULATION/SOUND BLANKET NO COMPRESSOR HEAT NO OUTDOOR FAN PROPELLER DIA. (IN.) - NO. USED 23 - 1 TYPE DRIVE - NO. SPEEDS DIRECT - 1 CFM @ 0.0 IN. W.G. (f) 2980 NO. MOTORS - HP 1 - 1/8 MOTOR SPEED R.P.M. 850 VOLTS/PH/HZ 208/230/1/60 F.L. AMPS 0.64 OUTDOOR COIL - TYPE SPINE FIN™ ROWS - F.P.I. 1 - 24 FACE AREA (SQ. FT.) 18.75 TUBE SIZE (IN.) 3/8 EXPANSION VALVE PREFRIGERANT EXPANSION VALVE LINE SIZE - IN. O.D. GAS (h) (i) 3/4 LINE SIZE - IN. O.D. LIQ. 5/16 CHARGING SPECIFICATIONS SUBCOOLING 12°F DIMENSIONS H X W X D CRATED (IN.)	MIN. BRCH. CIR. AMPACITY	13				
NO. USED – NO. STAGES NO. USED – NO. STAGES NOLTS/PH/HZ R.L. AMPS (d) – L.R. AMPS FACTORY INSTALLED START COMPONENTS (e) INSULATION/SOUND BLANKET NO COMPRESSOR HEAT NO DIA. (IN.) – NO. USED TYPE DRIVE – NO. SPEEDS CFM @ 0.0 IN. W.G. (f) NO. MOTORS – HP MOTOR SPEED R.P.M. VOLTS/PH/HZ FACE AREA (SQ. FT.) TUBE SIZE (IN.) REFRIGERANT LBS. – R-454B (O.D. UNIT) (g) FACTORY SUPPLIED CHARGING SPECIFICATIONS SUBCOOLING DIA. (IN.) — NO. STAGES 1 – 1 208/230/1/60 1 – 1/8 850 208/230/1/60 850 208/230/1/60 1 – 1/8 850 208/230/1/60 1 – 1/8 850 208/230/1/60 1 – 1/8 850 208/230/1/60 208/	BR. CIR. PROT. RTG. – MAX. (AMPS)	20				
VOLTS/PH/HZ R.L. AMPS (d) − L.R. AMPS RACTORY INSTALLED START COMPONENTS (e) INSULATION/SOUND BLANKET NO COMPRESSOR HEAT NO OUTDOOR FAN PROPELLER DIA. (IN.) − NO. USED TYPE DRIVE − NO. SPEEDS CFM @ 0.0 IN. W.G. (f) NO. MOTORS − HP NO. MOTORS − HP MOTOR SPEED R.P.M. VOLTS/PH/HZ ROWS − F.P.I. FACE AREA (SQ. FT.) TUBE SIZE (IN.) REFRIGERANT LBS. − R-454B (O.D. UNIT) (g) FACTORY SUPPLIED CHARGING SPECIFICATIONS SUBCOOLING DIMENSIONS H X W X D REATED (LBS.) 208 VOLTS/PH/HZ 208/230/1/60 EXPANSION VALVE EXPANSION SALVE EXPANSION VALVE REFRIGERANT 1 − 24	COMPRESSOR	DURATION® - SCROLL				
R.L. AMPS (d) – L.R. AMPS FACTORY INSTALLED START COMPONENTS (e) INSULATION/SOUND BLANKET COMPRESSOR HEAT NO DIA. (IN.) – NO. USED TYPE DRIVE – NO. SPEEDS NO. MOTORS – HP MOTOR SPEED R.P.M. VOLTS/PH/HZ FACE AREA (SQ. FT.) TUBE SIZE (IN.) REFRIGERANT LBS. – R-454B (O.D. UNIT) (g) CHARGING SPECIFICATIONS SUBCOOLING DIA. (IN.) – Syn. 12°F MOTOR SPEED R.P.M. SPINE FIN. 10 OZ FACTORY SUPPLIED CEXPANSION SALE CHARGING SPECIFICATIONS CRATED (IN.) 38.1 X 30 X 33 WEIGHT STANCE AREA (LBS.) WEIGHT SHIPPING (LBS.) 10 (Uses BAYKSKT263) NO (Uses Bayke packet packe	NO. USED - NO. STAGES	1 - 1				
START COMPONENTS (e) INSULATION/SOUND BLANKET COMPRESSOR HEAT NO OUTDOOR FAN PROPELLER DIA. (IN.) – NO. USED TYPE DRIVE – NO. SPEEDS CFM @ 0.0 IN. W.G. (f) NO. MOTORS – HP MOTOR SPEED R.P.M. VOLTS/PH/HZ FACE AREA (SQ. FT.) TUBE SIZE (IN.) REFRIGERANT LBS. – R-454B (O.D. UNIT) (9) LINE SIZE – IN. O.D. LIQ. CHARGING SPECIFICATIONS SUBCOOLING DIMON (Uses BAYKSKT263) NO (Uses BAYKSKT263) PROPELLER 1 - 1/8 2 980 DIRCT - 1 2 980 DIRCT - 1 2 980 NO (Uses BAYKSKT263) PROPELLER 2 90 1 - 1/8 2 980 NO (Uses Bayks to select the propelling select the prope	VOLTS/PH/HZ	208/230/1/60				
START COMPONENTS (e) INSULATION/SOUND BLANKET COMPRESSOR HEAT NO OUTDOOR FAN PROPELLER DIA. (IN.) – NO. USED TYPE DRIVE – NO. SPEEDS DIRECT – 1 CFM @ 0.0 IN. W.G. (f) NO. MOTORS – HP MOTOR SPEED R.P.M. VOLTS/PH/HZ FLL. AMPS OUTDOOR COIL – TYPE ROWS – F.P.I. TUBE SIZE (IN.) REFRIGERANT LBS. – R-454B (O.D. UNIT) (9) FACTORY SUPPLIED LINE SIZE – IN. O.D. GAS (h) (i) CHARGING SPECIFICATIONS SUBCOOLING DIMENSIONS CRATED (IN.) 38.1 X 30 X 33 WEIGHT SHIPPING (LBS.) 2980 DIRECT – 1 850 2080 NO. WOLVE, 1 2980 DIRECT – 1 850 2080 NO. WOLVE, 1 2980 DIRECT – 1 850 2080 NO. WOLVE, 1 2980 DIRECT – 1 850 2080 NO. WOLVE, 1 850 2080 NO. WOLVE, 1 850 2080 NO. WOLVE, 1 860 297 2980 DIRECT – 1 850 2080 NO. WOLVE, 1 860 2980 DIRECT – 1 870 2980 NO. WOLVE, 1 2980 DIRECT – 1 850 2080 NO. WOLVE, 1 860 2980 DIRECT – 1 870 2980 DIRECT – 1 850 2080 NO. WOLVE, 1 860 2980 DIRECT – 1 850 2080 NO. WOLVE, 1 860 2980 2980 DIRECT – 1 850 2980 2980 DIRECT – 1 850 298	R.L. AMPS (d) – L.R. AMPS	9.1 - 59.0				
INSULATION/SOUND BLANKET COMPRESSOR HEAT NO OUTDOOR FAN PROPELLER DIA. (IN.) - NO. USED TYPE DRIVE - NO. SPEEDS DIRECT - 1 CFM @ 0.0 IN. W.G. (f) NO. MOTORS - HP MOTOR SPEED R.P.M. VOLTS/PH/HZ PROWS - F.P.I. FACE AREA (SQ. FT.) TUBE SIZE (IN.) TUBE SIZE (IN.) SREFRIGERANT LBS R-454B (O.D. UNIT) (9) FACTORY SUPPLIED LINE SIZE - IN. O.D. GAS (h) (i) CHARGING SPECIFICATIONS SUBCOOLING DIMENSIONS HX W X D SHIPPING (LBS.) 23 - 1 NO 23 - 1 PROPELLER 23 - 1 24 - 1 / 8 25 - 1 / 980 DIRECT - 1 2980 10 - 1 / 8 2980 10 - 1 / 8 208/230/1/60 208/230/1/60 208/230/1/60 208 850 EXPANSION VALVE EXPANSION VALVE FACTORY SUPPLIED YES SUBCOOLING 12°F DIMENSIONS HX W X D 38.1 X 30 X 33 WEIGHT SHIPPING (LBS.) 208	FACTORY INSTALLED					
COMPRESSOR HEAT NO OUTDOOR FAN PROPELLER DIA. (IN.) - NO. USED 23 - 1 TYPE DRIVE - NO. SPEEDS DIRECT - 1 CFM @ 0.0 IN. W.G. (f) 2980 NO. MOTORS - HP 1 - 1/8 MOTOR SPEED R.P.M. 850 VOLTS/PH/HZ 208/230/1/60 F.L. AMPS 0.64 OUTDOOR COIL - TYPE SPINE FIN™ ROWS - F.P.I. 1 - 24 FACE AREA (SQ. FT.) 18.75 TUBE SIZE (IN.) 3/8 REFERIGERANT CONTROL EXPANSION VALVE REFRIGERANT EXPANSION VALVE FACTORY SUPPLIED YES LINE SIZE - IN. O.D. GAS (h) (i) 3/4 LINE SIZE - IN. O.D. LIQ. 5/16 CHARGING SPECIFICATIONS SUBCOOLING DIMENSIONS H X W X D CRATED (IN.) 38.1 X 30 X 33 WEIGHT SHIPPING (LBS.) 208	START COMPONENTS (e)	NO (Uses BAYKSKT263)				
DUTDOOR FAN DIA. (IN.) – NO. USED 23 – 1 TYPE DRIVE – NO. SPEEDS CFM @ 0.0 IN. W.G. (f) NO. MOTORS – HP MOTOR SPEED R.P.M. WOLTS/PH/HZ F.L. AMPS DUTDOOR COIL – TYPE ROWS – F.P.I. FACE AREA (SQ. FT.) TUBE SIZE (IN.) REFRIGERANT LBS. – R-454B (O.D. UNIT) (g) EACTORY SUPPLIED LINE SIZE – IN. O.D. GAS (h) (i) CHARGING SPECIFICATIONS SUBCOOLING DIMENSIONS CRATED (IN.) 38.1 X 30 X 33 WEIGHT SHIPPING (LBS.) 23 – 1 23 – 1 23 – 1 DIRECT – 1 23 – 1 DIRECT – 1 24 – 1/8 850 208/230/1/60 850 208/230/1/60 1 – 1/8 850 208/230/1/60 851 208/230/1/60 1 – 1/8 850 208/230/1/60 851 208/230/1/60 1 – 1/8 850 208/230/1/60 1 – 1/8 850 208/230/1/60 1 – 1/8 850 208/230/1/60 1 – 1/8 850 208/230/1/60 1 – 1/8 850 208/230/1/60 3/4 4 – 1/8 4 – 1	INSULATION/SOUND BLANKET	NO				
DIA. (IN.) – NO. USED TYPE DRIVE – NO. SPEEDS DIRECT – 1 CFM @ 0.0 IN. W.G. (f) NO. MOTORS – HP MOTOR SPEED R.P.M. VOLTS/PH/HZ PLI. AMPS OUTDOOR COIL – TYPE ROWS – F.P.I. FACE AREA (SQ. FT.) TUBE SIZE (IN.) REFRIGERANT LBS. – R-454B (O.D. UNIT) (9) LINE SIZE – IN. O.D. GAS (h) (i) LINE SIZE – IN. O.D. LIQ. CHARGING SPECIFICATIONS SUBCOOLING DIMENSIONS CRATED (IN.) 38.1 x 30 x 33 WEIGHT SHIPPING (LBS.) 2980 DIRECT – 1 2980 2080 2080 2080 DIRECT – 1 2980 2080 2080 EXPANSION A LINE SIZE – IN. O.D. LIQ. 378 BLINE SIZE – IN. O.D. LIQ. CHARGING SPECIFICATIONS SUBCOOLING 12°F DIMENSIONS A X X X X X X X X X X X X X X X X X X	COMPRESSOR HEAT	NO				
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CFM @ 0.0 IN. W.G. (f) 2980 NO. MOTORS - HP 1 - 1/8 MOTOR SPEED R.P.M. 850 VOLTS/PH/HZ 208/230/1/60 F.L. AMPS 0.64 OUTDOOR COIL - TYPE ROWS - F.P.I. 1 - 24 FACE AREA (SQ. FT.) 18.75 TUBE SIZE (IN.) 3/8 REFRIGERANT CONTROL EXPANSION VALVE REFRIGERANT LBS R-454B (O.D. UNIT) (g) 4 LBS., 10 OZ FACTORY SUPPLIED YES LINE SIZE - IN. O.D. GAS (h) (i) 3/4 LINE SIZE - IN. O.D. LIQ. 5/16 CHARGING SPECIFICATIONS SUBCOOLING 12°F DIMENSIONS H X W X D CRATED (IN.) 38.1 X 30 X 33 WEIGHT SHIPPING (LBS.) 208	DIA. (IN.) - NO. USED	23 - 1				
MOTOR S − HP MOTOR SPEED R.P.M. MOTOR SPEED R.P.M. MOTOR SPEED R.P.M. MOUTS/PH/HZ 208/230/1/60 F.L. AMPS 0.64 DUTDOOR COIL − TYPE ROWS − F.P.I. FACE AREA (SQ. FT.) TUBE SIZE (IN.) REFRIGERANT CONTROL REFRIGERANT LBS. − R-454B (O.D. UNIT) (9) FACTORY SUPPLIED YES LINE SIZE − IN. O.D. GAS (h) (i) LINE SIZE − IN. O.D. LIQ. CHARGING SPECIFICATIONS SUBCOOLING 12°F DIMENSIONS H X W X D CRATED (IN.) 38.1 X 30 X 33 WEIGHT SHIPPING (LBS.) 208	TYPE DRIVE - NO. SPEEDS	DIRECT - 1				
MOTOR SPEED R.P.M. WOLTS/PH/HZ 208/230/1/60 F.L. AMPS 0.64 SPINE FIN™ ROWS - F.P.I. 1 - 24 FACE AREA (SQ. FT.) TUBE SIZE (IN.) REFRIGERANT CONTROL REFRIGERANT LBS R-454B (O.D. UNIT) (9) FACTORY SUPPLIED YES LINE SIZE - IN. O.D. GAS (h) (i) LINE SIZE - IN. O.D. LIQ. CHARGING SPECIFICATIONS SUBCOOLING 12°F DIMENSIONS H X W X D CRATED (IN.) 38.1 X 30 X 33 WEIGHT SHIPPING (LBS.) 208	CFM @ 0.0 IN. W.G. (f)	2980				
## COUTS/PH/HZ ## COUTDOOR COIL - TYPE ## SPINE FIN™ ## 1 - 24 ## 18.75 ## TUBE SIZE (IN.) ## 3/8 ## EXPANSION VALVE	NO. MOTORS – HP	1 - 1/8				
O.64 OUTDOOR COIL - TYPE ROWS - F.P.I. FACE AREA (SQ. FT.) TUBE SIZE (IN.) REFRIGERANT CONTROL REFRIGERANT LBS R-454B (O.D. UNIT) (9) FACTORY SUPPLIED YES LINE SIZE - IN. O.D. GAS (h) (i) ZINE SIZE - IN. O.D. LIQ. CHARGING SPECIFICATIONS SUBCOOLING DIMENSIONS CRATED (IN.) SHIPPING (LBS.) 208	MOTOR SPEED R.P.M.	850				
OUTDOOR COIL - TYPE SPINE FIN™ ROWS - F.P.I. 1 - 24 FACE AREA (SQ. FT.) 18.75 TUBE SIZE (IN.) 3/8 REFRIGERANT CONTROL EXPANSION VALVE REFRIGERANT EXPANSION VALVE LBS R-454B (O.D. UNIT) (9) 4 LBS., 10 OZ FACTORY SUPPLIED YES LINE SIZE - IN. O.D. GAS (h) (i) 3/4 LINE SIZE - IN. O.D. LIQ. 5/16 CHARGING SPECIFICATIONS 12°F DIMENSIONS H X W X D CRATED (IN.) 38.1 X 30 X 33 WEIGHT SHIPPING (LBS.)	VOLTS/PH/HZ	208/230/1/60				
ROWS - F.P.I. 1 - 24 FACE AREA (SQ. FT.) 18.75 TUBE SIZE (IN.) 3/8 REFRIGERANT CONTROL EXPANSION VALVE REFRIGERANT LBS R-454B (O.D. UNIT) (9) 4 LBS., 10 OZ FACTORY SUPPLIED YES LINE SIZE - IN. O.D. GAS (h) (i) 3/4 LINE SIZE - IN. O.D. LIQ. 5/16 CHARGING SPECIFICATIONS SUBCOOLING 12°F DIMENSIONS HX W X D CRATED (IN.) 38.1 X 30 X 33 WEIGHT SHIPPING (LBS.) 208	F.L. AMPS	0.64				
FACE AREA (SQ. FT.) TUBE SIZE (IN.) REFRIGERANT CONTROL REFRIGERANT LBS R-454B (O.D. UNIT) (9) FACTORY SUPPLIED YES LINE SIZE - IN. O.D. GAS (h) (i) LINE SIZE - IN. O.D. LIQ. CHARGING SPECIFICATIONS SUBCOOLING 12°F DIMENSIONS H X W X D CRATED (IN.) SHIPPING (LBS.) 208	OUTDOOR COIL – TYPE	SPINE FIN™				
TUBE SIZE (IN.) REFRIGERANT CONTROL REFRIGERANT LBS R-454B (O.D. UNIT) (9) FACTORY SUPPLIED YES LINE SIZE - IN. O.D. GAS (h) (i) 3/4 LINE SIZE - IN. O.D. LIQ. CHARGING SPECIFICATIONS SUBCOOLING 12°F DIMENSIONS H X W X D CRATED (IN.) 38.1 X 30 X 33 WEIGHT SHIPPING (LBS.)	ROWS - F.P.I.	1 – 24				
REFRIGERANT CONTROL REFRIGERANT LBS R-454B (O.D. UNIT) (9) FACTORY SUPPLIED YES LINE SIZE - IN. O.D. GAS (h) (i) LINE SIZE - IN. O.D. LIQ. CHARGING SPECIFICATIONS SUBCOOLING 12°F DIMENSIONS H X W X D CRATED (IN.) 38.1 X 30 X 33 WEIGHT SHIPPING (LBS.)	FACE AREA (SQ. FT.)	18.75				
REFRIGERANT LBS R-454B (O.D. UNIT) (9) 4 LBS., 10 OZ FACTORY SUPPLIED YES LINE SIZE - IN. O.D. GAS (h) (i) 3/4 LINE SIZE - IN. O.D. LIQ. 5/16 CHARGING SPECIFICATIONS SUBCOOLING 12°F DIMENSIONS HX W X D CRATED (IN.) 38.1 X 30 X 33 WEIGHT SHIPPING (LBS.) 208	TUBE SIZE (IN.)	3/8				
LBS R-454B (O.D. UNIT) (9) FACTORY SUPPLIED YES LINE SIZE - IN. O.D. GAS (h) (i) 3/4 LINE SIZE - IN. O.D. LIQ. CHARGING SPECIFICATIONS SUBCOOLING 12°F DIMENSIONS H X W X D CRATED (IN.) 38.1 X 30 X 33 WEIGHT SHIPPING (LBS.)	REFRIGERANT CONTROL	EXPANSION VALVE				
FACTORY SUPPLIED YES LINE SIZE - IN. O.D. GAS (h) (i) 3/4 LINE SIZE - IN. O.D. LIQ. CHARGING SPECIFICATIONS SUBCOOLING 12°F DIMENSIONS H X W X D CRATED (IN.) 38.1 X 30 X 33 WEIGHT SHIPPING (LBS.) 208	REFRIGERANT					
LINE SIZE - IN. O.D. GAS (h) (i) 3/4 LINE SIZE - IN. O.D. LIQ. 5/16 CHARGING SPECIFICATIONS SUBCOOLING 12°F DIMENSIONS HX W X D CRATED (IN.) 38.1 X 30 X 33 WEIGHT SHIPPING (LBS.) 208	LBS. – R-454B (O.D. UNIT) ^(g)	4 LBS., 10 OZ				
LINE SIZE - IN. O.D. LIQ. 5/16 CHARGING SPECIFICATIONS SUBCOOLING 12°F DIMENSIONS H X W X D CRATED (IN.) 38.1 X 30 X 33 WEIGHT SHIPPING (LBS.) 208	FACTORY SUPPLIED	YES				
CHARGING SPECIFICATIONS SUBCOOLING 12°F H X W X D CRATED (IN.) 38.1 X 30 X 33 WEIGHT SHIPPING (LBS.) 208	LINE SIZE – IN. O.D. GAS (h) (i)	3/4				
SUBCOOLING 12°F DIMENSIONS H X W X D CRATED (IN.) 38.1 X 30 X 33 WEIGHT SHIPPING (LBS.)	LINE SIZE – IN. O.D. LIQ.	5/16				
DIMENSIONS H X W X D CRATED (IN.) 38.1 X 30 X 33 WEIGHT 208	CHARGING SPECIFICATIONS					
CRATED (IN.) 38.1 X 30 X 33 WEIGHT SHIPPING (LBS.) 208	SUBCOOLING	12°F				
WEIGHT SHIPPING (LBS.) 208		HXWXD				
SHIPPING (LBS.) 208	DIMENSIONS					
	DIMENSIONS CRATED (IN.)	38.1 X 30 X 33				
NET (LBS.) 174		38.1 X 30 X 33				
	CRATED (IN.)					

- (a) Certified in accordance with the Air-Source Unitary Air-conditioner Equipment certification program, which is based on AHRI standard 210/240.
- (b) Rated in accordance with AHRI standard 270.
- (c) Calculated in accordance with Natl. Elec. Codes. Use only HACR circuit breakers or fuses.
- (d) This value shown for compressor RLA on the unit nameplate and on this specification sheet is used to compute minimum branch circuit ampacity and max. fuse size. The value shown is the branch circuit selection current.
- (e) No means no start components. Yes means quick start kit components. PTC means positive temperature coefficient starter. Optional kit shown.
- (f) Standard Air Dry Coil Outdoor
- $\ensuremath{^{(g)}}$ This value approximate. For more precise value see unit nameplate.
- (h) Reference the outdoor unit ship-with literature for refrigerant piping length and lift guidelines. Reference the refrigerant piping software pub # 32-3312-xx or refrigerant piping application guide SS-APG006-xx for long line sets or specialty applications (xx denotes latest revision).
- (i) The outdoor condensing units are factory charged with the system charge required for the outdoor condensing unit, ten (10) feet of tested connecting line, and the smallest rated indoor evaporative coil match. Always verify proper system charge via subcooling (TXV/EEV) or superheat (fixed orifice) per the unit nameplate.

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Mechanical Specification Options

General

The outdoor condensing units are factory charged with the system charge required for the outdoor condensing unit, ten (10) feet of tested connecting line, and the smallest rated indoor evaporative coil match. This unit is designed to operate at outdoor ambient temperatures as high as 115°F. Cooling capacities are matched with a wide selection of air handlers and furnace coils that are AHRI certified. The unit is certified to UL 60335-2-40. Exterior is designed for outdoor application.

Casing

Unit casing is constructed of heavy gauge, galvanized steel and painted with a weather-resistant powder paint finish. The corner panels are prepainted. All panels are subjected to our 1,000 hour salt spray test.

Refrigerant Controls

Refrigeration system controls include condenser fan, compressor contactor and low and high pressure switches. A factory supplied, field installed liquid line drier is standard.

Compressor

The compressor features internal over temperature and pressure protection. Other features include: Centrifugal oil pump and low vibration and noise.

Condenser Coil

The outdoor coil provides low airflow resistance and efficient heat transfer. The coil is protected on all four sides by louvered panels.

Low Ambient Cooling

As manufactured, this system has a cooling capacity to 55°F. The addition of an evaporator defrost control permits operation to 40°F. The addition of an evaporator defrost control with TXV permits low ambient cooling to 30°F.

The addition of the BAYLOAM107A low ambient kit permits ambient cooling to 20°F.

Thermostats – Cooling only and heat/cooling (manual and automatic change over). Sub-base to match thermostat and locking thermostat cover.

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About American Standard Heating and Air Conditioning

American Standard has been creating comfortable and affordable living environments for more than a century. For more information, please visit www.americanstandardair.com.





The AHRI Certified mark indicates company participation in the AHRI Certification program. For verification of individual certified products, go to ahridirectory.org.

The manufacturer has a policy of continuous data improvement and it reserves the right to change design and specifications without notice. We are committed to using environmentally conscious print practices.