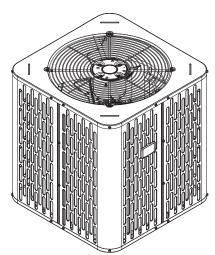
Submittal

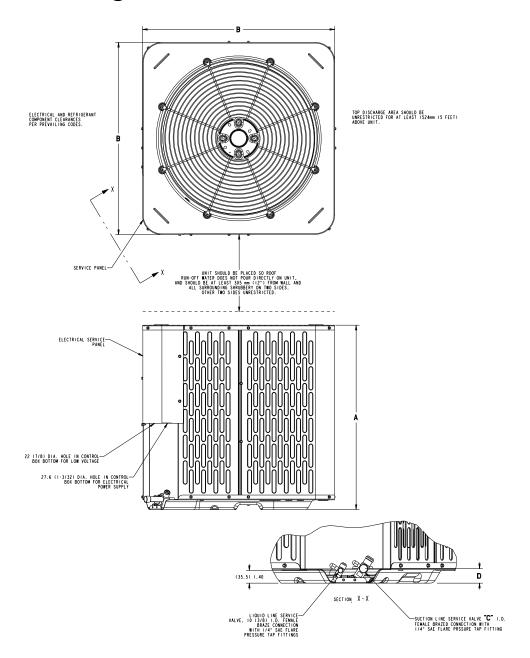
Split System Air Conditioner

A4AC5036D1000A



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

Outline Drawing



Model	Base	Α	В	С	D	
A4AC5036D	4.4	930 (36-5/8)	870 (34-1/4)	19 (3/4)	43 (1-3/4)	

SOUND POWER LEVEL									
Madal	A-Weighted Sound Power Level [dB(A)]	Full Octave Sound Power [dB]							
Model		63 Hz*	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
A4AC5036D	71	78	72	69	68	66	61	58	53
Note: Rated in accordance with AHRI Standard 270–2008 *For reference only.									

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Product Specifications

POWER CONNS V/PH/HZ (©) MIN. CIR. AMPACITY MAX. OVERCURRENT PROTECTION 30 COMPRESSOR SCROLL NO. USED - NO. STAGES 1 - 1 VOLTS/PH/HZ 208/230/1/60 R.L. AMPS (d) - L.R. AMPS 13.6 - 79 FACTORY INSTALLED YES/NO START COMPONENTS (e) INSULATION/SOUND BLANKET COMPRESSOR HEAT 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. 850 VOLTS/PH/HZ 208/230/1/60 EL. AMPS 0.77 OUTDOOR COIL - TYPE All Aluminum ROWS - F.P.I. FACE AREA (SQ. FT.) TUBE SIZE (IN.) REFRIGERANT LBS R-410A (O.D. UNIT) (e) CHARGING SPECIFICATIONS SUBCOOLING B*F UNA CRATED (IN.) 39.7 x 35.5 x 35.5 WEIGHT SHIPPING (LBS.) NET (LBS.) 208/230/1/60 30 208/230/1/60 212	OUTDOOR UNIT (a) (b)	A4AC5036D1000A				
MIN. CIR. AMPACITY MAX. OVERCURRENT PROTECTION COMPRESSOR SCROLL NO. USED - NO. STAGES 1 - 1 VOLTS/PH/HZ 208/230/1/60 R.L. AMPS (d) - L.R. AMPS 13.6 - 79 FACTORY INSTALLED YES/NO START COMPONENTS (e) NO INSULATION/SOUND BLANKET NO COMPRESSOR HEAT NO OUTDOOR FAN PROPELLER DIA. (IN.) - NO. USED 27.5 - 1 TYPE DRIVE - NO. SPEEDS DIRECT - 1 CFM @ 0.0 IN. W.G. (f) NO. MOTORS - HP MOTOR SPEED R.P.M. VOLTS/PH/HZ EL. AMPS 0.77 OUTDOOR COIL - TYPE All Aluminum ROWS - F.P.I. FACE AREA (SQ. FT.) TUBE SIZE (IN.) REFRIGERANT LBS R-410A (O.D. UNIT) (g) CHARGING SPECIFICATIONS SUBCOOLING B °F DIMENSIONS H X W X D CRATED (IN.) 39.7 x 35.5 x 35.5 WEIGHT SHIPPING (LBS.) 208/230/1/60 8 °F SHIPPING (LBS.)	POWER CONNS. – V/PH/HZ (c)	208/230/1/60				
COMPRESSOR SCROLL NO. USED - NO. STAGES 1 - 1 VOLTS/PH/HZ 208/230/1/60 R.L. AMPS (d) - L.R. AMPS 13.6 - 79 FACTORY INSTALLED YES/NO START COMPONENTS (e) NO INSULATION/SOUND BLANKET NO COMPRESSOR HEAT NO OUTDOOR FAN PROPELLER DIA. (IN.) - NO. USED 27.5 - 1 TYPE DRIVE - NO. SPEEDS DIRECT - 1 CFM @ 0.0 IN. W.G. (f) 4300 NO. MOTORS - HP 1 - 1/8 MOTOR SPEED R.P.M. 850 VOLTS/PH/HZ 208/230/1/60 E.L. AMPS 0.77 OUTDOOR COIL - TYPE All Aluminum ROWS - F.P.I. 1 - 24 FACE AREA (SQ. FT.) 24.93 TUBE SIZE (IN.) 3/8 REFRIGERANT LBS R-410A (O.D. UNIT) (9) 6 LBS., 8 OZ FACTORY SUPPLIED YES LINE SIZE - IN. O.D. LIQ. 3/8 CHARGING SPECIFICATIONS SUBCOOLING 8°F DIMENSIONS H X W X	MIN. CIR. AMPACITY	18				
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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 FL. AMPS OUTDOOR COIL - TYPE ROWS - F.P.I. FACE AREA (SQ. FT.) TUBE SIZE (IN.) REFRIGERANT LBS R-410A (O.D. UNIT) (g) ELINE SIZE - IN. O.D. GAS (h) (i) CHARGING SPECIFICATIONS SUBCOOLING BY COMMENSIONS WEIGHT SHIPPING (LBS.) PROPELLER NO 27.5 - 1 A300 A	FACTORY INSTALLED	YES/NO				
COMPRESSOR HEAT NO OUTDOOR FAN PROPELLER DIA. (IN.) - NO. USED 27.5 - 1 TYPE DRIVE - NO. SPEEDS DIRECT - 1 CFM @ 0.0 IN. W.G. (f) 4300 NO. MOTORS - HP 1 - 1/8 MOTOR SPEED R.P.M. 850 VOLTS/PH/HZ 208/230/1/60 F.L. AMPS 0.77 OUTDOOR COIL - TYPE All Aluminum ROWS - F.P.I. 1 - 24 FACE AREA (SQ. FT.) 24.93 TUBE SIZE (IN.) 3/8 REFRIGERANT LBS R-410A (O.D. UNIT) (g) 6 LBS., 8 OZ FACTORY SUPPLIED YES LINE SIZE - IN. O.D. GAS (h) (i) 7/8 LINE SIZE - IN. O.D. LIQ. 3/8 CHARGING SPECIFICATIONS 8°F DIMENSIONS H X W X D CRATED (IN.) 39.7 x 35.5 x 35.5 WEIGHT SHIPPING (LBS.) 246	START COMPONENTS (e)	NO				
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TYPE DRIVE - NO. SPEEDS DIRECT - 1 CFM @ 0.0 IN. W.G. (f) NO. MOTORS - HP 1 - 1/8 MOTOR SPEED R.P.M. 850 VOLTS/PH/HZ 208/230/1/60 F.L. AMPS 0.77 OUTDOOR COIL - TYPE All Aluminum ROWS - F.P.I. 1 - 24 FACE AREA (SQ. FT.) 7UBE SIZE (IN.) 3/8 REFRIGERANT LBS R-410A (O.D. UNIT) (g) FACTORY SUPPLIED YES LINE SIZE - IN. O.D. GAS (h) (i) 7/8 LINE SIZE - IN. O.D. LIQ. CHARGING SPECIFICATIONS SUBCOOLING B°F DIMENSIONS H X W X D CRATED (IN.) 39.7 x 35.5 x 35.5 WEIGHT SHIPPING (LBS.)	OUTDOOR FAN	PROPELLER				
CFM @ 0.0 IN. W.G. (f) NO. MOTORS – HP 1 – 1/8 MOTOR SPEED R.P.M. 850 VOLTS/PH/HZ 208/230/1/60 F.L. AMPS 0.77 OUTDOOR COIL – TYPE All Aluminum ROWS – F.P.I. FACE AREA (SQ. FT.) 71 – 24 FACE AREA (SQ. FT.) TUBE SIZE (IN.) 850 REFRIGERANT LBS. – R-410A (O.D. UNIT) (g) 6 LBS., 8 OZ FACTORY SUPPLIED YES LINE SIZE – IN. O.D. GAS (h) (i) 7/8 LINE SIZE – IN. O.D. LIQ. CHARGING SPECIFICATIONS SUBCOOLING 8°F DIMENSIONS H X W X D CRATED (IN.) 39.7 x 35.5 x 35.5 WEIGHT SHIPPING (LBS.)	DIA. (IN.) - NO. USED	27.5 - 1				
NO. MOTORS – HP NO. MOTOR SPEED R.P.M. MOTOR SPEED R.P.M. 850 VOLTS/PH/HZ 208/230/1/60 F.L. AMPS 0.77 OUTDOOR COIL – TYPE All Aluminum ROWS – F.P.I. 1 – 24 FACE AREA (SQ. FT.) 24.93 TUBE SIZE (IN.) 3/8 REFRIGERANT LBS. – R-410A (O.D. UNIT) (9) 6 LBS., 8 OZ FACTORY SUPPLIED YES LINE SIZE – IN. O.D. GAS (h) (i) 7/8 LINE SIZE – IN. O.D. LIQ. CHARGING SPECIFICATIONS SUBCOOLING B°F DIMENSIONS H X W X D CRATED (IN.) 39.7 x 35.5 x 35.5 WEIGHT SHIPPING (LBS.)	TYPE DRIVE - NO. SPEEDS	DIRECT - 1				
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VOLTS/PH/HZ E.L. AMPS O.77 OUTDOOR COIL - TYPE All Aluminum ROWS - F.P.I. FACE AREA (SQ. FT.) TUBE SIZE (IN.) REFRIGERANT LBS R-410A (O.D. UNIT) (9) FACTORY SUPPLIED LINE SIZE - IN. O.D. GAS (h) (i) T/8 LINE SIZE - IN. O.D. LIQ. CHARGING SPECIFICATIONS SUBCOOLING B*F DIMENSIONS H X W X D CRATED (IN.) 39.7 x 35.5 x 35.5 WEIGHT SHIPPING (LBS.) 208/230/1/60 All Aluminum 1 - 24 All Aluminum All All Aluminum	NO. MOTORS – HP	1 - 1/8				
F.L. AMPS OUTDOOR COIL – TYPE All Aluminum ROWS – F.P.I. FACE AREA (SQ. FT.) TUBE SIZE (IN.) REFRIGERANT LBS. – R-410A (O.D. UNIT) (9) FACTORY SUPPLIED LINE SIZE – IN. O.D. GAS (h) (i) T/8 LINE SIZE – IN. O.D. LIQ. CHARGING SPECIFICATIONS SUBCOOLING B°F DIMENSIONS H X W X D CRATED (IN.) 39.7 x 35.5 x 35.5 WEIGHT SHIPPING (LBS.)	MOTOR SPEED R.P.M.	850				
OUTDOOR COIL - TYPE All Aluminum ROWS - F.P.I. 1 - 24 FACE AREA (SQ. FT.) 24.93 TUBE SIZE (IN.) 3/8 REFRIGERANT LBS R-410A (O.D. UNIT) (g) 6 LBS., 8 OZ FACTORY SUPPLIED YES LINE SIZE - IN. O.D. GAS (h) (i) 7/8 LINE SIZE - IN. O.D. LIQ. 3/8 CHARGING SPECIFICATIONS SUBCOOLING SUBCOOLING 8°F DIMENSIONS H X W X D CRATED (IN.) 39.7 x 35.5 x 35.5 WEIGHT SHIPPING (LBS.)	VOLTS/PH/HZ	208/230/1/60				
ROWS - F.P.I. 1 - 24 FACE AREA (SQ. FT.) 24.93 TUBE SIZE (IN.) 3/8 REFRIGERANT LBS R-410A (O.D. UNIT) (9) 6 LBS., 8 OZ FACTORY SUPPLIED YES LINE SIZE - IN. O.D. GAS (h) (i) 7/8 LINE SIZE - IN. O.D. LIQ. 3/8 CHARGING SPECIFICATIONS SUBCOOLING 8°F DIMENSIONS HX W X D CRATED (IN.) 39.7 x 35.5 x 35.5 WEIGHT SHIPPING (LBS.) 246	F.L. AMPS	0.77				
FACE AREA (SQ. FT.) TUBE SIZE (IN.) REFRIGERANT LBS R-410A (O.D. UNIT) (9) FACTORY SUPPLIED YES LINE SIZE - IN. O.D. GAS (h) (i) T/8 LINE SIZE - IN. O.D. LIQ. CHARGING SPECIFICATIONS SUBCOOLING B°F DIMENSIONS H X W X D CRATED (IN.) 39.7 x 35.5 x 35.5 WEIGHT SHIPPING (LBS.)	OUTDOOR COIL - TYPE	All Aluminum				
TUBE SIZE (IN.) 3/8 REFRIGERANT LBS R-410A (O.D. UNIT) (9) 6 LBS., 8 OZ FACTORY SUPPLIED YES LINE SIZE - IN. O.D. GAS (h) (i) 7/8 LINE SIZE - IN. O.D. LIQ. 3/8 CHARGING SPECIFICATIONS SUBCOOLING 8°F DIMENSIONS HX W X D CRATED (IN.) 39.7 x 35.5 x 35.5 WEIGHT SHIPPING (LBS.) 246	ROWS - F.P.I.	1 – 24				
REFRIGERANT LBS R-410A (O.D. UNIT) (9) 6 LBS., 8 OZ FACTORY SUPPLIED YES LINE SIZE - IN. O.D. GAS (h) (i) 7/8 LINE SIZE - IN. O.D. LIQ. 3/8 CHARGING SPECIFICATIONS SUBCOOLING DIMENSIONS H X W X D CRATED (IN.) 39.7 x 35.5 x 35.5 WEIGHT SHIPPING (LBS.)	FACE AREA (SQ. FT.)	24.93				
LBS R-410A (O.D. UNIT) (9) 6 LBS., 8 OZ FACTORY SUPPLIED YES LINE SIZE - IN. O.D. GAS (h) (i) 7/8 LINE SIZE - IN. O.D. LIQ. 3/8 CHARGING SPECIFICATIONS SUBCOOLING 8°F DIMENSIONS HX W X D CRATED (IN.) 39.7 x 35.5 x 35.5 WEIGHT SHIPPING (LBS.) 246	TUBE SIZE (IN.)	3/8				
FACTORY SUPPLIED YES LINE SIZE - IN. O.D. GAS (h) (i) 7/8 LINE SIZE - IN. O.D. LIQ. CHARGING SPECIFICATIONS SUBCOOLING 8°F DIMENSIONS H X W X D CRATED (IN.) 39.7 x 35.5 x 35.5 WEIGHT SHIPPING (LBS.)	REFRIGERANT					
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LINE SIZE - IN. O.D. LIQ. 3/8 CHARGING SPECIFICATIONS SUBCOOLING 8°F DIMENSIONS HX W X D CRATED (IN.) 39.7 x 35.5 x 35.5 WEIGHT SHIPPING (LBS.) 246	FACTORY SUPPLIED	YES				
CHARGING SPECIFICATIONS SUBCOOLING 8°F DIMENSIONS H X W X D CRATED (IN.) 39.7 x 35.5 x 35.5 WEIGHT SHIPPING (LBS.)	LINE SIZE – IN. O.D. GAS (h) (i)	7/8				
SUBCOOLING 8°F DIMENSIONS H X W X D CRATED (IN.) 39.7 x 35.5 x 35.5 WEIGHT 246	LINE SIZE – IN. O.D. LIQ.	3/8				
DIMENSIONS H X W X D CRATED (IN.) 39.7 x 35.5 x 35.5 WEIGHT SHIPPING (LBS.)	CHARGING SPECIFICATIONS					
CRATED (IN.) 39.7 x 35.5 x 35.5 WEIGHT SHIPPING (LBS.) 246	SUBCOOLING	8°F				
WEIGHT SHIPPING (LBS.) 246	DIMENSIONS	HXWXD				
SHIPPING (LBS.) 246	CRATED (IN.)	39.7 x 35.5 x 35.5				
	WEIGHT					
NET (LBS.) 212	SHIPPING (LBS.)	246				
	NET (LBS.)	212				

- (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. Optional authorized kits include KIT07689 for RunTru or BAYKSKT267.
- (f) Standard Air Dry Coil Outdoor
- (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 1995. 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.

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 BAYLOAM108 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 Trane and American Standard Heating and Air Conditioning

Trane and American Standard create comfortable, energy efficient indoor environments for residential applications. For more information, please visit www.trane.com or 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.

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