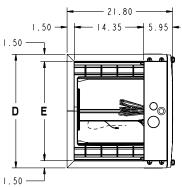


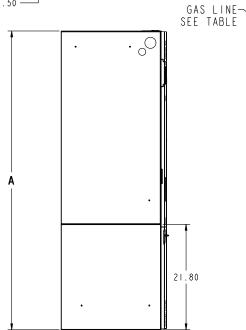
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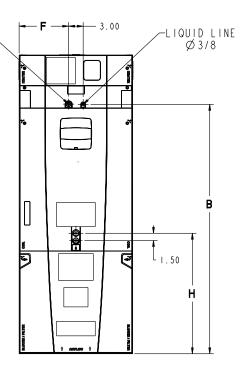
Submittal

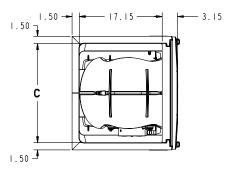
1-1/2 Ton Convertible Air Handler TAM4A0A18S11SA



MINIMUM UNIT CLEARANCE TABLE									
	TO COMBUSTIBLE MATERIAL (REQUIRED)	SERVICE CLEARANCE (RECOMMENDED)							
SIDES	0 "	2"							
FRONT	0 "	21"							
BACK	0 "	0 "							
INLET DUCT	0 "								
OUTLET DUCT	0 "								







MODEL NO.	А	В	С	D	E	F	Н	Flow Control	R-410A Gas Line BRAZE	R-410A Liq. Line BRAZE
TAM4A0A18	49.9	39.6	14.5	17.5	14.5	7.3	26.7	EEV/24V	3/4	3/8

PRODUCT SPECIFICATIONS

PRODUCT SPECIFICATIONS								
MODEL	TAM4A0A18S11SA							
RATED VOLTS/PH/HZ.	208-230/1/60							
RATINGS ①	See O.D. Specifications							
INDOOR COIL — Type	Plate Fin							
Rows — F.P.I.	3 - 14							
Face Area (sq. ft.)	3.21							
Tube Size (in.)	3/8							
Refrigerant Control	EEV							
Drain Conn. Size (in.) ②	3/4 NPT							
DUCT CONNECTIONS	See Outline Drawing							
INDOOR FAN — Type	Centrifugal							
Diameter-Width (In.)	11 X 8							
No. Used	1							
Drive - No. Speeds	Direct - 3							
CFM vs. in. w.g.	See Fan Performance Table							
No. Motors — H.P.	1 - 1/3							
Motor Speed R.P.M.	825							
Volts/Ph/Hz	208-230/1/60							
F.L. Amps - L.R. Amps	2.4 - 4.1							
FILTER								
Filter Furnished?	No							
Type Recommended	Throwaway							
NoSize-Thickness	1 - 16 X 20 - 1 in.							
REFRIGERANT	<u>R-410A</u>							
Ref. Line Connections	Brazed							
Coupling or Conn. Size — in. Ga								
Coupling or Conn. Size — in. Liq								
DIMENSIONS	HxWxD							
Crated (In.)	51 x 20 x 24-1/2							
Uncrated	49-15/16 x 17-1/2 x 21-13/16							
WEIGHT								
Shipping (Lbs.)/Net (Lbs.)	123/113							

- ① These Air Handlers are A.H.R.I. certified with various Split System Air Conditioners and Heat Pumps (AHRI STANDARD 210/240). Refer to the Split System Outdoor Unit Product Data Guides for performance data.
- ② 3/4" Male Plastic Pipe (Ref.: ASTM 1785-76)







*AM4A0A18S11SA MINIMUM HEATER AIRFLOW CFM									
Heater	Minimum Air Speed Tap								
	With Heat Pump Without Heat Pur								
BAYEAAC05BK1AA BAYEAAC05LG1AA	Tap 1	Tap 1							
BAYEAAC08BK1AA BAYEAAC08LG1AA	Tap 2	Tap 1							
BAYEAAC10BK1AA BAYEAAC10LG1AA	Tap 3	Tap 2							
BAYEABC15BK1AA	-	-							
BAYEABC20BK1AA	-	-							
SEE AIR HANDLER NAMEPLATE OR PRODUCT DATA FOR EXCEPTIONS * May be "A" or "T"									

Note: Heating and cooling speeds are the same, factory set at Speed Tap #2.

AIRFLOW PERFORMANCE											
*AM4A0A18S11SA											
EXTERNAL STATIC (in w.g)	AIRFLOW (CFM)										
	Speed Taps - 230 VOLTS Speed Taps - 208 VOLTS										
	3	2†	2†	1							
0	1091	743	677	1065	621	561					
0.1	1024	719	659	999	606	544					
0.2	952	690	635	929	583	524					
0.3	875	651	598	852	551	492					
0.4	799	601	553	782	510	451					
0.5	726	536	488	706	453	390					
0.6	621	431	390	604	369	315					
0.7	500	320	N/A	474	225	N/A					
0.8	321 N/A N/A 302 N/A N										
0.9	N/A										

NOTES:

- 1. Values are with wet coil and without filters.
- 2. Contact your particular filter manufacturer for pressure drop data.
- 3. Electric heater pressure drop is negligible and is included within the airflow data.
- 4. † Factory Setting
- * May be "A" or "T"

WIRING DATA												
*AM4A0A18S11SA												
	No. of Circuits	240 VOLT						208 VOLT				
Heater Model No.		Cap	Capacity Hea		I Winimiim	Maximum Overload	Capacity		Heater Amps	Minimum Circuit	Maximum Overload	
		kW	BTUH	per Circuit	Ampacity	Protection	kW	BTUH	per Circuit	Ampacity	Protection	
No Heater	-	-	-	2.0**	3	15	-	-	2.0**	3	15	
BAYEAAC05++	1	4.80	16400	20	28	30	3.60	12300	17.30	24	25	
BAYEAAC08++	1	7.68	26200	32	43	45	5.76	19700	27.70	37	40	
BAYEAAC10++	1	9.60	32800	40	53	60	7.20	24600	34.60	46	50	
Note: ** Motor Ampo												

Note: ** Motor Amps

Notes:

- 1. See Product Data or Air Handler nameplate for approved combinations of Air Handlers and Heaters
- 2. Heater model numbers may have additional suffix digits.

^{*} May be "A" or "T"

Mechanical Specifications

- Air-Tite II[™] Cabinet
- Double Wall Foamed and Formed Cabinet System
- Water Proof Cabinet Design
- R-4.2 Insulating Value
- Composite Foamed Cabinet Doors
- Sweat Eliminating Cabinet Design
- Loose Fiber Eliminating Cabinet Design
- Smooth Cleanable Cabinet Design
- 2% or Less air leakage
- Precision Durable Door Seals
- Quarter Turn Phillips Head Door Fasteners
- 5/16" Allen Wrench "Quick Latch" Modular Cabinet
- Multi-Position UP/Down Flow Horizontal Left / Right
- Side Return Option
- Braze in Refrigerant Connection
- Primary/Secondary Condensate Connections
- Conduit Connection with Easy Removal Plugs
- · Alert Port to view Codes without door removal
- Vortica® Blower with Integrated Slide Deck for Easy Removal
- Polarized Plug connections on Blower
- Control Protection Pocket
- Aluminum Coil with Integrated Slide Deck for Easy Removal

- Polarized Plug connections on Coil EEV
- Slide in Electric Heaters
- Polarized Plug connections for Electric Heater
- Labeled Panels and connections
- 1-1/4" to 1" And 3/4" to 1/2" Conduit connection on Left, Right and Top
- Molded in 1" Standard Filter rail
- Electronic Expansion Valve (EEV) With Low Ambient and Low Superheat Protection
- Dual Refrigerant Compatible as Shipped
- Low Voltage Terminal Connection Point
- 8 Alert Codes
- · Enhanced Coil Fin Patented
- · Blow Through Design
- PSC 3 Speed Motor
- Maximum Width of 23.5"
- Compact 20.8" depth with doors removed
- · Integrated Horizontal Drain pans
- Single Color
- Fused 24V Power
- Safety Door Switch
- 1 Year Warranty
- 10 Year Warranty Registered
- · Warranty Mirrors Outdoor
- Optional extended warranty available





