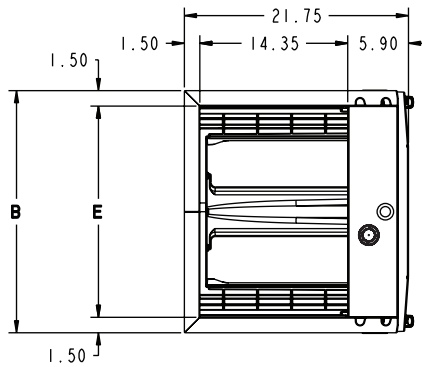


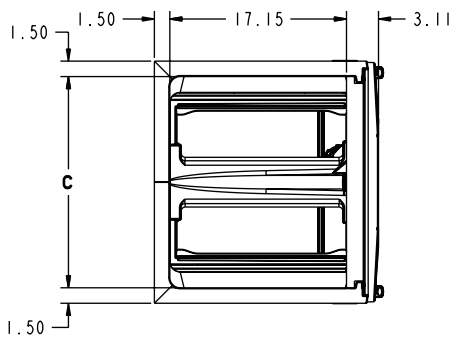
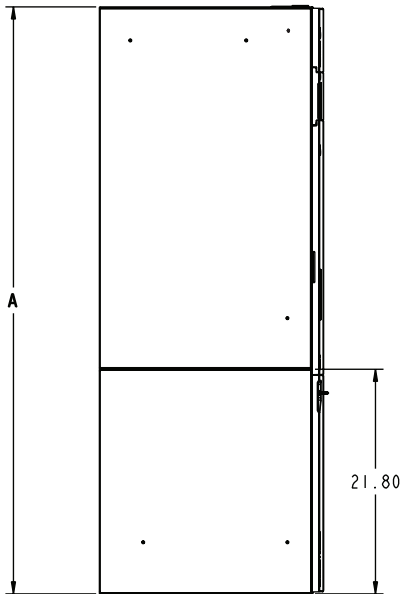
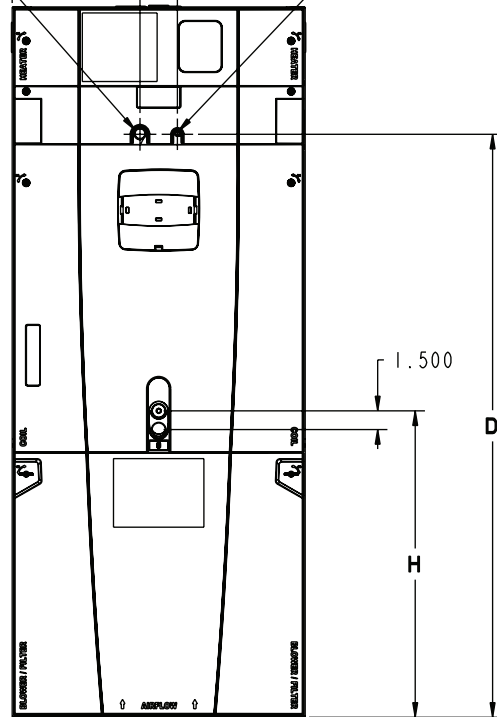
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# Submittal

## 5 Ton Convertible Air Handler GAM5A0C60M51SA



GAS LINE SEE TABLE      F      3.00      LIQUID LINE SEE TABLE



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.	A	B	C	D	E	F	H	Flow Control	R-410A Gas Line BRAZE	R-410A Liq. Line BRAZE
GAM5A0C60	61.7	23.5	20.5	51.5	20.5	10.3	24.9	EEV	7/8	3/8

## PRODUCT SPECIFICATIONS

### PRODUCT SPECIFICATIONS

<b>MODEL</b>	<b>GAM5A0C60M51SA</b>
<b>RATED VOLTS/PH/HZ.</b>	208-230/1/60
<b>RATINGS</b> ①	See O.D. Specifications
<b>INDOOR COIL — Type</b>	Plate Fin
Rows — F.P.I.	4 - 14
Face Area (sq. ft.)	5.96
Tube Size (in.)	3/8
Refrigerant Control	EEV
Drain Conn. Size (in.) ②	3/4 NPT
<b>DUCT CONNECTIONS</b>	See Outline Drawing
<b>INDOOR FAN — Type</b>	Centrifugal
Diameter-Width (In.)	11 X 10
No. Used	1
Drive - No. Speeds	Direct - 5
CFM vs. in. w.g.	See Fan Performance Table
No. Motors — H.P.	1 - 1
Motor Speed R.P.M.	1050
Volts/Ph/Hz	208-230/1/60
F.L. Amps	7.6
<b>FILTER</b>	
Filter Furnished?	No
Type Recommended	Throwaway
No.-Size-Thickness	1 - 22 X 20 - 1 in.
<b>REFRIGERANT</b>	<b>R-410A</b>
Ref. Line Connections	Brazed
Coupling or Conn. Size — in. Gas	7/8
Coupling or Conn. Size — in. Liq.	3/8
<b>DIMENSIONS</b>	H x W x D
Crated (In.)	63-1/4 x 27-1/2 x 25-3/4
Uncrated	61-3/4 x 23-1/2 x 21-3/4
<b>WEIGHT</b>	
Shipping (Lbs.)/Net (Lbs.)	180/170

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)



GAM5A0C60M51SA MINIMUM HEATER AIRFLOW CFM		
Heater	Minimum Air Speed Tap	
	Without HP	With HP
BAYEAC05BK1AA BAYEAC05LG1AA	Tap 2	Tap 3
BAYEAC08BK1AA BAYEAC08LG1AA	Tap 2	Tap 3
BAYEAC10BK1AA BAYEAC10LG1AA	Tap 2	Tap 3
BAYEAC10LG3AA	Tap 2	Tap 3
BAYEABC15BK1AA	Tap 3	Tap 4
BAYEABC15LG3AA	Tap 3	Tap 4
BAYEABC20BK1AA	Tap 3	Tap 4
BAYEACC25BK1AA	Tap 4	Tap 5 ①②
SEE AIR HANDLER NAMEPLATE OR PRODUCT DATA FOR EXCEPTIONS		
① If the air handler is applied in downflow or horizontal configurations, the airflow should not exceed 2000 CFM. Airflow above 2000 CFM could result in water blow-off.		
② Tap 5 can be used but only when the external static pressure is .6" or above.		

**Note:** Heating and cooling speeds are the same, factory set at Speed Tap #4.

**Note:** A "G" only signal from the comfort control will run the blower at a lower speed, factory set at Speed Tap #1. See the Sequence of Operation for additional information.

AIRFLOW PERFORMANCE										
GAM5A0C60M51SA										
EXTERNAL STATIC (in w.g)	AIRFLOW (CFM)									
	Speed Taps - 230 VOLTS					Speed Taps - 208 VOLTS				
	5	4 †	3	2	1	5	4 †	3	2	1
0	2327	2020	1914	1819	1125	2324	2017	1910	1816	1122
0.1	2285	1980	1873	1780	990	2279	1974	1867	1774	984
0.2	2237	1944	1835	1740	831	2228	1935	1826	1731	822
0.3	2182	1908	1800	1705	600	2171	1896	1789	1693	589
0.4	2125	1869	1756	1659	331	2111	1854	1742	1645	317
0.5	2062	1830	1717	1620	249	2045	1813	1700	1603	232
0.6	1995	1747	1664	1575	187	1975	1727	1644	1555	168
0.7	1922	1707	1629	1540	-	1899	1685	1607	1518	-
0.8	1844	1673	1594	1502	-	1819	1648	1569	1477	-
0.9	1761	1629	1553	1464	-	1733	1601	1525	1436	-

**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. Tap 1 is an continuous fan speed tap.
5. If the air handler is applied in downflow or horizontal configurations, the airflow should not exceed 2000 CFM. Airflow above 2000 CFM could result in water blow-off.
6. † Factory Setting

WIRING DATA											
GAM5A0C60M51SA											
Heater Model No.	No. of Circuits	240 VOLT					208 VOLT				
		Capacity		Heater Amps per Circuit	Minimum Circuit Ampacity	Maximum Overload Protection	Capacity		Heater Amps per Circuit	Minimum Circuit Ampacity	Maximum Overload Protection
		kW	BTUH				kW	BTUH			
No Heater	-	-	-	7.6*	10	15	-	-	7.6*	10	15
BAYE AAC05BK1A BAYE AAC05LG1A	1	4.80	16400	20.0	35	35	3.60	12300	17.3	31	35
BAYE AAC08BK1A BAYE AAC08LG1A	1	7.68	26200	32.0	50	50	5.76	19700	27.7	44	45
BAYE AAC10BK1A BAYE AAC10LG1A	1	9.60	32800	40.0	60	60	7.20	24600	34.6	53	60
BAYE AAC10LG3A	1-3 PH	9.60	32800	23.1	37	40	7.20	24600	20.0	34	35
BAYE ABC15LG3A	1-3 PH	14.40	49200	34.6	52	60	10.80	36900	30.0	46	50
BAYE ABC15BK1A - Circuit 1 ①	2	9.60	32800	40	60	60	7.20	24600	34.6	53	60
BAYE ABC15BK1A - Circuit 2		4.80	16400	20	25	25	3.60	12300	17.3	22	25
BAYE ABC20BK1A - Circuit 1 ①	2	9.60	32800	40	60	60	7.20	24600	34.6	53	60
BAYE ABC20BK1A - Circuit 2		9.60	32800	40	50	50	7.20	24600	34.6	43	45
BAYE ACC25BK1A ②③ - Circuit 1 ①	3	9.60	32800	40	60	60	7.20	24600	34.6	53	60
BAYE ACC25BK1A - Circuit 2		9.60	32800	40	50	50	7.20	24600	34.6	43	45
BAYE ACC25BK1A - Circuit 3		4.80	16400	20	25	25	3.60	12300	17.3	22	25

Note: \* Motor Amps

① MCA and MOP for circuit 1 contains the motor amps

② If the air handler is applied in downflow or horizontal configurations, the airflow should not exceed 2000 CFM. Airflow above 2000 CFM could result in water blow-off.

③ Tap 5 can be used but only when the external static pressure is .6" or above.

# Mechanical Specifications

- Unique Cabinet Design
  - Double Wall Foamed and Formed Cabinet System
  - Water Proof Cabinet Design
  - R-4.2 Insulating Value (Avg Insulating Value R-8.2)
  - 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
  - Modular Cabinet
- Multi-Position UP/Down Flow Horizontal Left /Right
- Phillips head door fasteners
- Side Return Option
- Refrigerant Connect
- Condensate Connect
- Premarked Conduit Connection Locations
- 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 with polarized plug connections (sold as accessory)
- Polarized Plug connections for Electric Heater
- UVC light kit with safety switch and polarized plug connections (sold as accessory)
- 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
- 10 Alert Codes
- Enhanced Coil Fin Patented
- Blow Through Design
- High Efficiency ECM Motor
- Maximum Width of 23.5"
- Compact 20.8" depth with doors removed
- Integrated Horizontal Drain pans
- Soft start fan motor operation
- Built in fan delay modes
- Single Color
- Fused 24V Power
- Safety Door Switch
- **5 year warranty**
- **10-year warranty registered**
- **Optional extended warranty available**



**Trane**  
6200 Troup Highway  
Tyler, TX 75707

The manufacturer has a policy of continuous product and product data improvement and it reserves the right to change design and specification without notice.