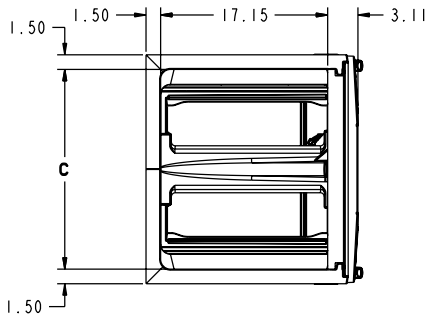
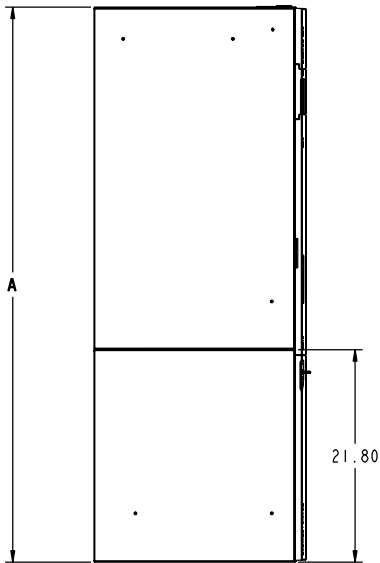
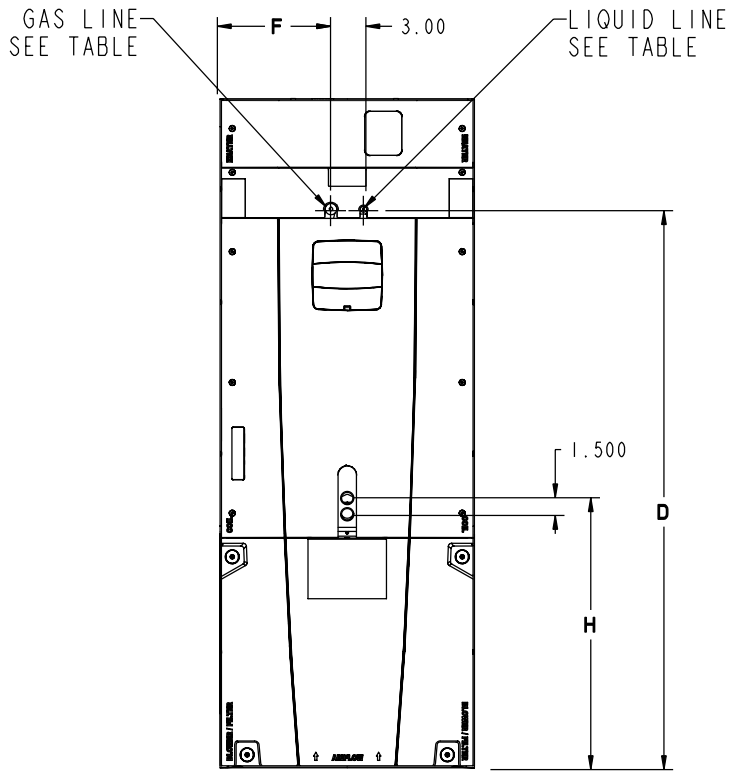
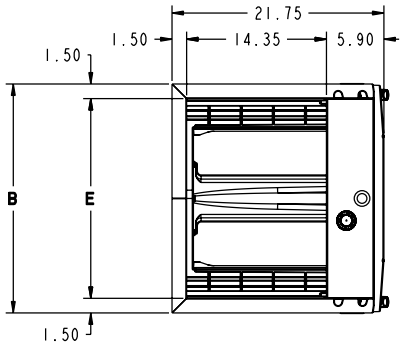


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Submittal

5 Ton Convertible Air Handler Black Epoxy Coil – GAM5B0C60M51EA Standard Coil – GAM5B0C60M51SB



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
GAM5B0C60	61.7	23.5	20.5	51.5	20.5	10.3	24.9	TXV	7/8	3/8

PRODUCT SPECIFICATIONS

PRODUCT SPECIFICATIONS

MODEL	GAM5B0C60M51SB GAM5B0C60M51EA
RATED VOLTS/PH/HZ.	208-230/1/60
RATINGS ①	See O.D. Specifications
INDOOR COIL — Type	Plate Fin
Rows — F.P.I.	4 - 14
Face Area (sq. ft.)	5.96
Tube Size (in.)	3/8
Refrigerant Control	TXV
Drain Conn. Size (in.) ②	3/4 NPT
DUCT CONNECTIONS	See Outline Drawing
INDOOR FAN — Type	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
FILTER	
Filter Furnished?	No
Type Recommended	Throwaway
No.-Size-Thickness	1 - 22 X 20 - 1 in.
REFRIGERANT	R-410A
Ref. Line Connections	Brazed
Coupling or Conn. Size — in. Gas	7/8
Coupling or Conn. Size — in. Liq.	3/8
DIMENSIONS	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
WEIGHT	
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)

GAM5B0C60M51SB, GAM5B0C60M51EA MINIMUM HEATER AIRFLOW CFM		
Heater	Minimum Air Speed Tap	
	Without HP	With HP
BAYEAAC04BK1 BAYEAAC04LG1	Tap 2	Tap 3
BAYEAAC05BK1 BAYEAAC05LG1	Tap 2	Tap 3
BAYEAAC08BK1 BAYEAAC08LG1	Tap 2	Tap 3
BAYEAAC10BK1 BAYEAAC10LG1	Tap 2	Tap 3
BAYEAAC10LG3	Tap 2	Tap 3
BAYEABC15BK1	Tap 3	Tap 4
BAYEABC15LG3	Tap 3	Tap 4
BAYEABC20BK1	Tap 3	Tap 4
BAYEACC25BK1	Tap 4	Tap 5 ①②

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.

Note: Speed Tap 1 is NOT used for two stage systems. Two stage systems will require an airflow adjustment

AIRFLOW PERFORMANCE										
GAM5B0C60M51SB, GAM5B0C60M51EA										
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											
GAM5B0C60M51SB, GAM5B0C60M51EA											
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 AAC04BK1 BAYE AAC04LG1	1	3.84	13100	16.0	30	30	2.88	9800	13.8	27	30
BAYE AAC05BK1 BAYE AAC05LG1	1	4.80	16400	20.0	35	35	3.60	12300	17.3	31	35
BAYE AAC08BK1 BAYE AAC08LG1	1	7.68	26200	32.0	50	50	5.76	19700	27.7	44	45
BAYE AAC10BK1 BAYE AAC10LG1	1	9.60	32800	40.0	60	60	7.20	24600	34.6	53	60
BAYE AAC10LG3	1-3 PH	9.60	32800	23.1	37	40	7.20	24600	20.0	34	35
BAYE ABC15LG3	1-3 PH	14.40	49200	34.6	52	60	10.80	36900	30.0	46	50
BAYE ABC15BK1 - Circuit 1 ①	2	9.60	32800	40	60	60	7.20	24600	34.6	53	60
BAYE ABC15BK1 - Circuit 2		4.80	16400	20	25	25	3.60	12300	17.3	22	25
BAYE ABC20BK1 - Circuit 1 ①	2	9.60	32800	40	60	60	7.20	24600	34.6	53	60
BAYE ABC20BK1 - Circuit 2		9.60	32800	40	50	50	7.20	24600	34.6	43	45
BAYE ACC25BK1 ②③ - Circuit 1 ①	3	9.60	32800	40	60	60	7.20	24600	34.6	53	60
BAYE ACC25BK1 - Circuit 2		9.60	32800	40	50	50	7.20	24600	34.6	43	45
BAYE ACC25BK1 - 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 Connections
- Condensate Connections
- Premarked Conduit Connection Locations
- Vortica® Blower with Integrated Slide Deck for Easy Removal
- Polarized Plug connections on Blower
- Aluminum Coil with Integrated Slide Deck for Easy Removal
- 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
- R-410A Thermal Expansion Valve
- R-22 conversion Thermal Expansion Valve available (sold as accessory)
- Low Voltage Pigtail Connections
- 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**

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.

GAM5B0C60-SUB-1E-EN 14 April 2020

Supersedes GAM5B0C60-SUB-1D (February 2015)

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