



TRANE A4AH4E60B1C30A RunTru Central Air Conditioner Split System Owner's Manual

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Submittal
5.0 Ton
Convertible Air Handler
A4AH4E60B1C30A

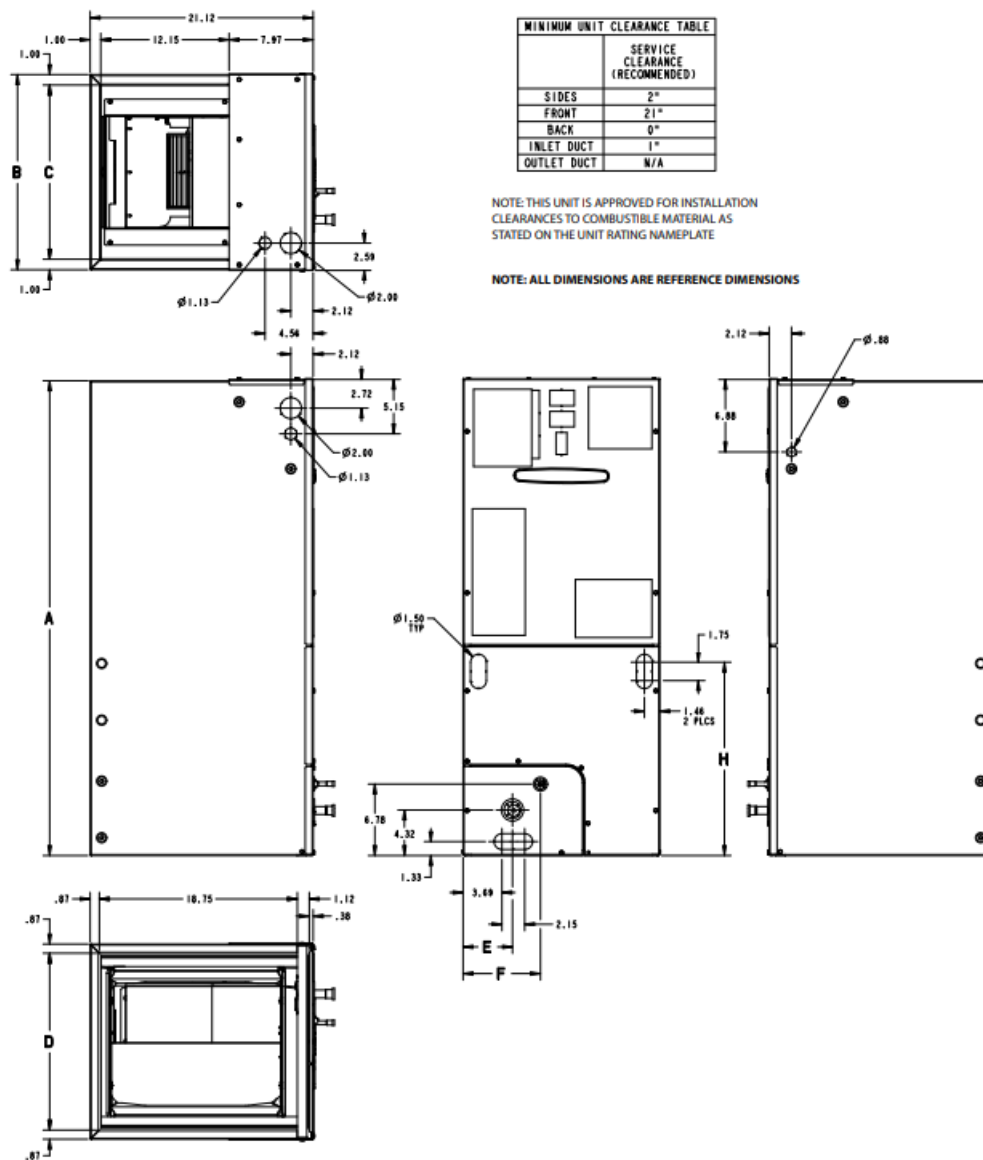


September 2022
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Outline Drawing



PRODUCT DIMENSIONS									
Air Handler Model	A	B	C	D	E	F	H	Flow Control	Gas Line Braze
A4AH4E60B1C30A	57.40	23.50	21.50	21.75	4.68	9.66	27.19	TXV	7/8
All dimensions are in inches									

Product Specifications

MODEL	A4AH4E60B1C30A
RATED VOLTS/PH/HZ	208-230/1/60
RATINGS(a)	See O.D. Specifications
INDOOR COIL — Type	Plate Fin
Rows — F.P.I.	3 – 16
Face Area (sq. ft.)	7.9
Tube Size (in.)	3/8
Refrigerant Control	TXV
Drain Conn. Size (in.)(b)	3/4 NPT
DUCT CONNECTIONS	See Outline Drawing
INDOOR FAN — Type	Centrifugal
Diameter-Width (In.)	11 X 11
No. Used	1
Drive – No. Speeds	Direct – 5 (c)
CFM vs. in. w.g.	See Fan Performance Table
No. Motors — H.P.	1 – 3/4
Motor Speed R.P.M.	1050
Volts/Ph/Hz	208-230/1/60

F.L. Amps	6.0
FILTER	
Filter Furnished? (d)	No
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.)	57-1/8 x 27-1/2 x 25-1/2
Uncrated	55-3/4 x 23-1/2 x 21-1/8
WEIGHT	
Shipping (Lbs.) / Net (Lbs.)	185/174

(a) 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.

(b) 3/4" Male Plastic Pipe (Ref: ASTM 1785-76)

(c) ECM Motor

(d) Remote filter required.

Minimum Airflow CFM

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Heater	Minimum Heat Speed Tap	
	With Heat Pump	Without Heat Pump
BAYHTR1504BRK, BAYHTR1504LUG, BAYHTR1505BRK, BAYHTR1505LUG, BAYHTR1508BRK, BAYHTR1508LUG, BAYHTR1510BRK, BAYHTR1510LUG, BAYHTR3510LUG	Med-Low	Med-Low
BAYHTR1517BRK, BAYHTR3517LUG	Med	Med
BAYHTR1523BRK, BAYHTR1525BRK	Med-High	Med

Heater Pressure Drop Table

Airflow CF M	Number of Racks					Heater Racks	
	1	2	3	4		Heater Model	No. of Racks
	Air Pressure Drop — Inches W.G.						
1800	0.02	0.04	0.06	0.14		BAYHTR1504	1
1700	0.02	0.04	0.06	0.14		BAYHTR1505	1
1600	0.02	0.04	0.06	0.13		BAYHTR1508	2
1500	0.02	0.04	0.06	0.12		BAYHTR1510	2
1400	0.02	0.04	0.06	0.12		BAYHTR1517	3
1300	0.02	0.04	0.05	0.11		BAYHTR3510	3
1200	0.01	0.04	0.05	0.10		BAYHTR3517	3
1100	0.01	0.03	0.05	0.09		BAYHTR3515	3
1000	0.01	0.03	0.04	0.09		BAYHTR1523	4
900	0.01	0.03	0.04	0.08		BAYHTR1525	4
800	0.01	0.03					
700	0.01	0.02					
600	0.01	0.02					

Performance and Electrical Data

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.

Table 1. Air Flow Performance

A4AH4E60B1C30A					
EXTERNAL ST ATIC (in w.g)	AIRFLOW				
	Speed Taps: 208 – 230 VOLTS				
	High	Med-High	Med †	Med-Low	Low
0.1	2040	1874	1658	1512	1373
0.2	2008	1846	1622	1476	1333
0.3	1975	1816	1585	1438	1289
0.4	1942	1785	1546	1395	1240
0.5	1909	1751	1506	1349	1187
0.6	1875	1716	1463	1300	1129
0.7	1841	1678	1418	1246	1067
1. Values are with wet coil, no filter, and no heaters 2. CFM Correction for dry coil = Add 3% 3. † = Factory Setting 4. In downflow applications, airflow must not exceed 1800 cfm due to condensate blowoff. 5. Low = Tap 1, Med-Low = Tap 2, Med = Tap 3, Med-High= Tap 4, High = Tap 5					

Table 2. Electrical Data

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Heater Model No.	No. of Circuits/ Phases	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	BTU H				kW	BTU H			
No Heater				6.0 *	8	15			6.0 *	8	15
BAYHTR1504 BRK BAYHTR 1504LUG	1/1	3.8	13100	16.0	28	30	2.9	9800	13.8	25	25
BAYHTR1505 BRK BAYHTR 1505LUG	1/1	4.8	16400	20.0	33	35	3.6	12300	17.3	29	30
BAYHTR1508 BRK BAYHTR 1508LUG	1/1	7.7	26200	32.0	48	50	5.8	19700	27.7	42	45
BAYHTR1510 BRK BAYHTR 1510LUG	1/1	9.6	32800	40.0	58	60	7.2	24600	34.6	51	60
BAYHTR1517 BRK- Circuit 1 (a)	2/1	9.6	32800	40.0	58	60	7.2	24600	34.6	51	60
BAYHTR1517 BRK- Circuit 2		4.8	16400	20.0	25	25	3.6	12300	17.3	22	25
BAYHTR1523 BRK- Circuit 1	2/1	9.6	32800	40.0	58	60	7.2	24600	34.6	51	60
BAYHTR1523 BRK- Circuit 2		9.6	32800	40.0	50	50	7.2	24600	34.6	43	45

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BAYHTR1525 BRK- Circuit 1	4/1	6.0	2050 0	25.0	39	40	4.5	1540 0	21.6	35	35
BAYHTR1525 BRK- Circuit 2		6.0	2050 0	25.0	31	35	4.5	1540 0	21.6	27	30
BAYHTR1525 BRK- Circuit 3		6.0	2050 0	25.0	31	35	4.5	1540 0	21.6	27	30
BAYHTR1525 BRK- Circuit 4		6.0	2050 0	25.0	31	35	4.5	1540 0	21.6	27	30
BAYHTR3510L UG	1/3	9.6	3280 0	23.1	36	40	7.2	2460 0	20.0	32	35
BAYHTR3517L UG	1/3	14.4	4910 0	34.6	50	50	10.8	3690 0	30.0	44	45
BAYHTR1517 BRK with single circuit power source kit BAYSPEKT201A	1/1	14.4	4910 0	60.0	83	90	10.8	3690 0	51.9	73	80
BAYHTR1523 BRK with single circuit power source kit BAYSPEKT201A	1/1	19.2	6550 0	80.0	108	110	14.4	4910 0	69.2	94	100
* = Motor Amps											

(a) MCA and MOP for circuit 1 contains the motor amps.

Features and Benefits

- Galvanized metal cabinet with captured foil face insulation
- 2% or less air leakage
- R-4.2 Insulating Value
- Multi-Position UP/Down Flow, Horizontal Left /Right

- ALL Aluminum Coil
- Electric Heaters with polarized plug connections (sold as accessory)
- R-410A Thermal Expansion Valve
- ECM Motor ((33..00 — 55 TToonn MMooddeellss))
- Low Voltage Pigtail Connections
- Draw Through Design
- Horizontal Drain pan
- Single Color
- Fused 24V Power
- 5year warranty
- Optional extended warranty available

Important:Condensate management kit is required for all 5 ton air handler models installed in downflow applications.

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 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.

A4AH4E60B1C-SUB-1A-EN 06 Sep 2022
Supersedes (New)

Documents / Resources

 Submittal 5.0 Ton Downflow Air Handler A4AH4E60B1C30A August 2022 A4AH4E60B1C30A-EN	TRANE A4AH4E60B1C30A RunTru Central Air Conditioner Split System [pdf] Owner's Manual A4AH4E60B1C30A RunTru Central Air Conditioner Split System, A4AH4E60B1C30A, RunTru Central Air Conditioner Split System, Air Conditioner Split System, Conditioner Split System
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References

-  [American Standard® | Air Conditioning and Heating | HVAC Systems](#)
-  [Trane Heating & Air Conditioning](#)

