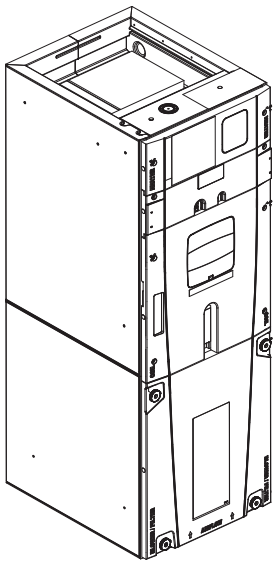
Product and Submittal Data

Multi-Speed Air Handlers
1.5 to 5 Tons

5TAMXB02AV21DB
5TAMXC03AV31DB
5TAMXD04AV31DB
5TAMXD05AV41DB
5TAMXD06AV41DB
5TAMXD07AV51DB



Notes:

- *Graphics in this document are for representation only. Actual model may differ in appearance.*
- *For use with BAYEA series heaters ONLY.*

October 2025

AHR-PSD002B-EN

Introduction

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Trademarks

Revision History

- Updated model numbers across the document as applicable.
- Updated note (a) on all product specification tables.

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Features and Benefits

- Unique cabinet design
  - 2% or less air leakage
  - Precision applied — durable door seals
  - Specially designed air seal around refrigerant, condensate and conduit connections
  - Double wall foamed cabinet system
  - R-4.2 Insulating Value (Avg Insulating Value R-8.2)
  - No loose fiber design
  - Smooth cleanable interior design
  - Sweat eliminating design
  - Composite cabinet doors
  - Water proof cabinet design
  - Integrated horizontal drain pans
  - Modular cabinet
- Multi-position: upflow, downflow, horizontal left, or horizontal right
- Link™ Communicating or 24v Control
- Side return option (sold as accessory)
- Pre-marked Conduit Connection Locations
- Alert code notification
- Low voltage terminal connection point
- Phillips head door fasteners
- **Vortica®** blower with polarized plug connections and integrated slide deck for easy removal
- Aluminum coil with integrated slide deck for easy removal and polarized plug connections on coil EEV
- Patented enhanced coil fin
- Electronic Expansion Valve (EEV) with low ambient and low superheat compressor protection
- Slide in electric heaters with polarized plug connections (sold as accessory)
- Slide in hot water coils with polarized plug connections (sold as accessory)
- UVC light kit with safety switch and polarized plug connections (sold as accessory)
- Labeled panels and connections
- Molded in 1-in. standard filter rail
- Variable speed ECM motor
- Soft start fan motor operation
- Comfort R™ mode
- Built in fan delay modes
- Maximum width of 23.5-in.
- Compact 20.8-in. depth with doors removed
- Fused 24v power
- 5 Year Warranty
- 10 Year Warranty Registered
- Optional Extended Warranty Available

Optional Accessories

Table 1. Optional accessories

Accessory Number	Description	Fits Cabinet Size
BAYEA(AC/13)04BK1 [a]	Electric Heater, 4kW, Breaker, 24V Control, 1 Ph	17.5 -in., 21.0 -in., 23.5 -in.
BAYEA(AC/13)04LG1 [a]	Electric Heater, 4kW, Lugs, 24V Control, 1 Ph	17.5 -in., 21.0 -in., 23.5 -in.
BAYEA(AC/13)05BK1 [a]	Electric Heater, 5kW, Breaker, 24V Control, 1 Ph	17.5 -in., 21.0 -in., 23.5 -in.
BAYEA(AC/13)05LG1 [a]	Electric Heater, 5kW, Lugs, 24V Control, 1 Ph	17.5 -in., 21.0 -in., 23.5 -in.
BAYEA(AC/13)08BK1 [a]	Electric Heater, 8kW, Breaker, 24V Control, 1 Ph	17.5 -in., 21.0 -in., 23.5 -in.
BAYEA(AC/13)08LG1 [a]	Electric Heater, 8kW, Lugs, 24V Control, 1 Ph	17.5 -in., 21.0 -in., 23.5 -in.
BAYEA(AC/13)10BK1 [a]	Electric Heater, 10kW, Breaker, 24V Control, 1 Ph	17.5 -in., 21.0 -in., 23.5 -in.
BAYEA(AC/13)10LG1 [a]	Electric Heater, 10kW, Lugs, 24V Control, 1 Ph	17.5 -in., 21.0 -in., 23.5 -in.
BAYEA(AC/13)10LG3 [a]	Electric Heater, 10kW, Lugs, 24V Control, 3 Ph	17.5 -in., 21.0 -in., 23.5 -in.
BAYEA(BC/23)15BK1 [a]	Electric Heater, 15kW, Breaker, 24V Control, 1 Ph	21.0 -in., 23.5 -in.
BAYEA(BC/23)15LG3 [a]	Electric Heater, 15kW, Lugs, 24V Control, 3 Ph	21.0 -in., 23.5 -in.
BAYEA(BC/23)20BK1 [a]	Electric Heater, 20kW, Breaker, 24V Control, 1 Ph	21.0 -in., 23.5 -in.
BAYEA(CC/33)25BK1 [a]	Electric Heater, 25kW, Breaker, 24V Control, 1 Ph	23.5 -in.
BAYSUPFLGAA	Supply Duct Flange 17.5 -in.	17.5 -in.
BAYSUPFLGBA	Supply Duct Flange 21.0 -in.	21.0 -in.
BAYSUPFLGCA	Supply Duct Flange 23.5 -in.	23.5 -in.
BAYRETFLGAA	Return Duct Flange 17.5 -in.	17.5 -in.
BAYRETFLGBA	Return Duct Flange 21.0 -in.	21.0 -in.
BAYRETFLGCA	Return Duct Flange 23.5 -in.	23.5 -in.
BAYSRKIT100A	Side Return Kit	17.5 -in., 21.0 -in., 23.5 -in.
BAYFLR1620A	High Velocity Filter Kit, 16 -in. X 20 -in. X 1 -in. (10 filters)	17.5 -in.
BAYFLR2020A	High Velocity Filter Kit, 20 -in. X 20 -in. X 1 -in. (10 filters)	21.0 -in.
BAYFLR2220A	High Velocity Filter Kit, 22 -in. X 20 -in. X 1 -in. (10 filters)	23.5 -in.
TASB175SB [b] [c]	Plenum Stand with Integrated Sound Baffle 17.5 -in.	17.5 -in.
TASB215SB	Plenum Stand with Integrated Sound Baffle 21.0 -in.	21.0 -in.
TASB235SB	Plenum Stand with Integrated Sound Baffle 23.5 -in.	23.5 -in.
TAYBASETAMA	Downflow Sub-Base Kit	17.5 -in., 21.0 -in., 23.5 -in.
BAYBAFKT175 [d]	Sound Baffle Kit for 17.5 -in. Cabinet	17.5 -in.
BAYBAFKT215 [d]	Sound Baffle Kit for 21.0 -in. Cabinet	21.0 -in.
BAYBAFKT235 [d]	Sound Baffle Kit for 23.5 -in. Cabinet	23.5 -in.
TASSBK175 [b][e] [f]	Sound Baffle Kit for 17.5 -in. Cabinet	17.5 -in.
TASSBK215 [b][e][f]	Sound Baffle Kit for 21.0 -in. Cabinet	21.0 -in.
TASSBK235 [b][e][f]	Sound Baffle Kit for 23.5 -in. Cabinet	23.5 -in.
BAYICSKIT01A	Internal Condensate Switch Kit	17.5 -in., 21.0 -in., 23.5 -in.
BAYHHKIT001A	Horizontal Hanger Kit	17.5 -in., 21.0 -in., 23.5 -in.

Optional Accessories

Table 1. Optional accessories (continued)

Accessory Number	Description	Fits Cabinet Size
BAYUVCLK001A	UVC Lights	17.5 -in., 21.0 -in., 23.5 -in.
BAYLVKIT100A	Low Voltage Conduit Entry Kit	17.5 -in., 21.0 -in., 23.5 -in.
BAYSPEKT200A	Single Point Power Entry Kit	21.0 -in., 23.5 -in.
BAYWAAA05SC1AA	Hydronic heater, 17.5 -in. cabinet, no control, slide-in	17.5 -in.
BAYWABB07SC1AA	Hydronic heater, 21.0 -in. cabinet, no control, slide-in	21.0 -in.
BAYWACC08SC1AA	Hydronic heater, 23.5 -in. cabinet, no control, slide-in	23.5 -in.
BAYWACC11SC1AA	Hydronic heater, 23.5 -in. cabinet, no control, external	23.5 -in.
BAYWACNTKT05	Relay Kit for use with BAYWAAA05SC1A	17.5 -in.
BAYWACNTKT07	Relay Kit for use with BAYWABB07SC1A	21.0 -in.
BAYWACNTKT08	Relay Kit for use with BAYWACC08SC1A	23.5 -in.
BAYWACNTKT11	Relay Kit for use with BAYWACC11SC1A	23.5 -in.
BAYINSKT175A	Solcoustic® Liner Kit - 17.5 -in. Cabinet	17.5 -in.
BAYINSKT215A	Solcoustic® Liner Kit - 21.5 -in. Cabinet	21.0 -in.
BAYINSKT235A	Solcoustic® Liner Kit - 23.5 -in. Cabinet	23.5 -in.
BAYCNDPIP01A	3/4 -in. PVC Threaded Pipe Kit Foam Seal (10 per box)	17.5 -in., 21.0 -in., 23.5 -in.
BAYSENSC360	Supply Air Temperature Sensor	17.5 -in., 21.0 -in., 23.5 -in.

(a) Model number may have either of the pairs of characters in parenthesis.
(b) Contact your distributor for information.
(c) In open air applications, the plenum stand with sound baffle provides sound reduction.
(d) Mounts inside air handler filter channel.
(e) In return plenum applications, use TASSBK for sound reduction.
(f) Mounts to TASB original plenum stand without integrated baffle.

Unique Cabinet Design Features and Benefits

Figure 1. Cabinet design

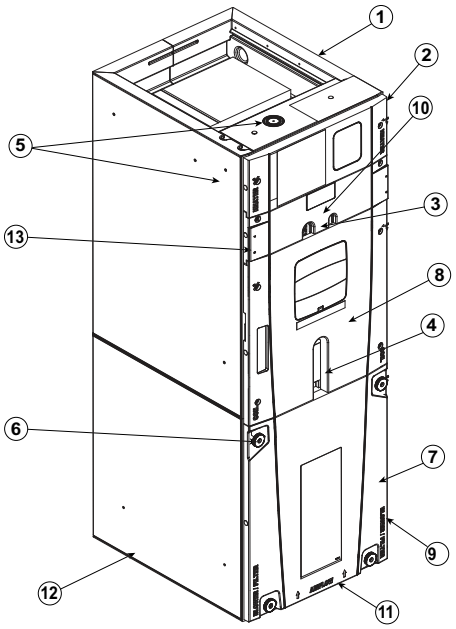


Table 2. Features and benefits

Sl No	Description
1	**Unique Cabinet Design**
	— Double wall foamed cabinet system
	— Waterproof Cabinet Design
	— R-4.2 Insulating Value (Avg Insulataing Value R-8.2)
	— Composite Cabinet Doors
	— Sweat Eliminating Cabinet Design
	— Loose Fiber Eliminating Design
	— Smooth Cleanable Cabinet Design
2	**Precision Durable Door Seals**
3	**Refrigeration Connections**
4	**Condensate Connections**
5	**Conduit Connection Locations**
	— Dimples or target to mark Conduit Connection locations on Left, Right, and Top
6	**Easy access large thumb screws**
7	**Vortica™ Blower and Deck**
	— Polarized Plug on Blower
8	**All Aluminum Coil**
	— Integrated Slide Deck for Easy Removal
	— Polarized Plug connections on Coil EEV
	— Patented Enhanced Coil Fin
9	**Labeled Panels and Connections**
10	**Electronic Expansion Valve (EEV)**
	— Low Ambient and Low Superheat Protection
11	**Maximum width is 23.5-in.**
12	**Compact 20.8-in. Depth with Doors Removed**
13	**Integrated Horizontal Drain Pans**

Product Specifications

Table 3. Models – 5TAMXB02AV21DB, 5TAMXC03AV31DB, and 5TAMXD04AV31DB

MODEL	5TAMXB02AV21DB	5TAMXC03AV31DB	5TAMXD04AV31DB
Family Description	R-454B Variable Speed Air Handler	R-454B Variable Speed Air Handler	R-454B Variable Speed Air Handler
Application Configuration	4-Way	4-Way	4-Way
RATED CAPACITY RANGE (BTUH)	18K - 24K	18K - 30K	24K - 42K
SYSTEM CONTROL TYPE	Link Communicating or 24V	Link Communicating or 24V	Link Communicating or 24V
POWER CONN. - V/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60
Max Breaker Size, Without Electric Heater (Amps)	15	15	15
Max Breaker Size, With Electric Heater (Amps) [a] [b]	60	60	60
COIL TYPE	All-Aluminum Plate Fin	All-Aluminum Plate Fin	All-Aluminum Plate Fin
Refrigerant Type	R-454B	R-454B	R-454B
Refrigerant Control	EEV	EEV	EEV
Refrigerant Line Connection - Gas (in.)	3/4	3/4	7/8
Refrigerant Line Connection - Liquid (in.)	3/8	3/8	3/8
BLOWER TYPE	Direct Drive Centrifugal	Direct Drive Centrifugal	Direct Drive Centrifugal
Configuration	Blow Through	Blow Through	Blow Through
Dimensions (Diameter x Width (in.))	11 x 8	11 x 10	11 x 10
Motor Type	Variable Speed	Variable Speed	Variable Speed
Nominal CFM [c]	800	1000	1200
Speed (RPM)	1050	1050	1050
Volts/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60
Full Load Amps	3.9	3.9	3.9
FILTER RACK (YES, NO)	Yes	Yes	Yes
Dimensions (Length x Width (in.))	16 x 20 x 1	20 x 20 x 1	22 x 20 x 1
DUCT CONNECTIONS	L x W	L x W	L x W
Supply (in.)	14.5 x 14.35	18.4 x 14.35	20.5 x 14.35
Return (in.)	14.5 x 17.15	18.4 x 17.15	20.5 x 17.15
DRAIN CONN. SIZE (IN.)	3/4 NPT	3/4 NPT	3/4 NPT
DIMENSIONS	H x W x D	H x W x D	H x W x D
Uncrated (in.)	49-7/8 x 17-1/2 x 21-3/4	55-3/4 x 21-1/4 x 21-3/4	56-7/8 x 23-1/2 x 21-3/4
Crated (in.)	51-3/8 x 20-1/2 x 25-3/4	57-1/4 x 24-1/4 x 25-3/4	58-1/2 x 27-1/2 x 25-3/4
WEIGHT - SHIPPING/NET (LBS.)	126/120	150/142	163/153

[a] Maximum overcurrent protection is dependent on which electric heater is installed. See Heater Attribute Data, p. 16.
[b] If installing system outside of the United States, accessory electric heaters may not be installed.
[c] For CFM versus external static pressure (in. w.c.), see Installation, Operation, and Maintenance manual.

Table 4. Models – 5TAMXD05AV41DB, 5TAMXD06AV41DB, and 5TAMXD07AV51DB

MODEL	5TAMXD05AV41DB	5TAMXD06AV41DB	5TAMXD07AV51DB
Family Description	R-454B Variable Speed Air Handler	R-454B Variable Speed Air Handler	R-454B Variable Speed Air Handler
Application Configuration	4-Way	4-Way	4-Way
RATED CAPACITY RANGE (BTUH)	36K - 48K	42K - 60K	42K - 60K
SYSTEM CONTROL TYPE	Link Communicating or 24V	Link Communicating or 24V	Link Communicating or 24V
POWER CONN. - V/PH/HZ	208-230/1/60	208-230/1/60	208-230/1/60
Max Breaker Size, Without Electric Heater (Amps)	15	15	15

Table 4. Models – 5TAMXD05AV41DB, 5TAMXD06AV41DB, and 5TAMXD07AV51DB (continued)

MODEL	5TAMXD05AV41DB	5TAMXD06AV41DB	5TAMXD07AV51DB
Max Breaker Size, With Electric Heater (Amps) [a] [b]	60	60	60
COIL TYPE	All-Aluminum Plate Fin	All-Aluminum Plate Fin	All-Aluminum Plate Fin
Refrigerant Type	R-454B	R-454B	R-454B
Refrigerant Control	EEV	EEV	EEV
Refrigerant Line Connection - Gas (in.)	7/8	7/8	7/8
Refrigerant Line Connection - Liquid (in.)	3/8	3/8	3/8
BLOWER TYPE	Direct Drive Centrifugal	Direct Drive Centrifugal	Direct Drive Centrifugal
Configuration	Blow Through	Blow Through	Blow Through
Dimensions (Diameter x Width (in.))	11 x 10	11 x 10	11 x 10
Motor Type	Variable Speed	Variable Speed	Variable Speed
Nominal CFM [c]	1400	1600	2000
Speed (RPM)	1050	1050	1050
Volts/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60
Full Load Amps	3.9	5.7	6.9
FILTER RACK (YES, NO)	Yes	Yes	Yes
Dimensions (Length x Width (in.))	22 x 20 x 1	22 x 20 x 1	22 x 20 x 1
DUCT CONNECTIONS	L x W	L x W	L x W
Supply (in.)	20.5 x 14.35	20.5 x 14.35	20.5 x 14.35
Return (in.)	20.5 x 17.15	20.5 x 17.15	20.5 x 17.15
DRAIN CONN. SIZE (IN.)	3/4 NPT	3/4 NPT	3/4 NPT
DIMENSIONS	H x W x D	H x W x D	H x W x D
Uncrated (in.)	61-3/4 x 23-1/2 x 21-3/4	61-3/4 x 23-1/2 x 21-3/4	61-3/4 x 23-1/2 x 21-3/4
Crated (in.)	63-1/4 x 27-1/2 x 25-3/4	63-1/4 x 27-1/2 x 25-3/4	63-1/4 x 27-1/2 x 25-3/4
WEIGHT - SHIPPING/NET (LBS.)	174/164	176/166	180/170

[a] Maximum overcurrent protection is dependent on which electric heater is installed. See Heater Attribute Data, p. 16.
[b] If installing system outside of the United States, accessory electric heaters may not be installed.
[c] For CFM versus external static pressure (in. w.c.), see Installation, Operation, and Maintenance manual.

Airflow Performance Tables

Table 5. Model – 5TAMXB02AV21DB

Outdoor multiplier (tons)	Cooling airflow setting	Airflow power	External static pressure (constant CFM / constant torque)					Heating airflow setting	Airflow power	External static pressure				
			0.1	0.3	0.5	0.7	0.9			0.1	0.3	0.5	0.7	0.9
1.5 tons	290 CFM/ton	CFM Watts	407 / 546 22 / 40	430 / 403 51 / 48	398 / NA 77 / NA	347 / NA 103 / NA	255 / NA 133 / NA	290 CFM/ton	CFM Watts	416 22	426 49	401 76	330 101	291 134
	350 CFM/ton	CFM Watts	534 / 630 39 / 57	549 / 531 71 / 68	542 /360 103 / 73	509 / NA 132 / NA	445 / NA 156/ NA	350 CFM/ton	CFM Watts	532 37	550 69	542 101	507 129	434 152
	400 CFM/ton	CFM Watts	617 / 697 54 / 72	633 / 617 90 / 86	632 /501 125 / 96	604 / NA 156 / NA	559 / NA 181 / NA	400 CFM/ton	CFM Watts	660 62	680 99	679 136	658 169	614 197
	450 CFM/ton	CFM Watts	691 / 762 72 / 91	710 / 693 111 / 106	707 /602 148 /119	688 / 478 183 / 127	649 / NA 212 / NA	450 CFM/ton	CFM Watts	690 69	710 108	709 145	690 180	651 208
2 tons	290 CFM/ton	CFM Watts	593 / 680 54 / 68	613 / 595 85 / 81	607 /470 119 /90	583 / 208 150 / 94	527 / 132 175 / 138	290 CFM/ton	CFM Watts	593 48	613 82	608 116	582 147	527 172
	350 CFM/ton	CFM Watts	717 / 783 79 / 98	733 / 717 118 / 114	733 /632 157 /127	714 / 519 192 / 136	678 / 355 222 / 143	350 CFM/ton	CFM Watts	714 75	734 115	734 153	716 189	679 218
	400 [a] CFM/ton	CFM Watts	810 / 868 108 / 128	827 / 811 152 / 146	827 /740 194 / 161	813 / 652 233 / 173	782 / 543 265 / 182	400[a] [b] CFM/ton	CFM Watts	862 122	881 168	884 213	874 254	849 290
	450 CFM/ton	CFM Watts	903 / 954 144 / 165	918 / 902 192 / 182	920 /839 238 /201	909 / 764 280 / 215	884 / 674 316 / 224	450 CFM/ton	CFM Watts	899 136	917 184	921 231	912 273	889 310
2.5 tons	290 CFM/ton	CFM Watts	741 / 820 86 / 110	757 / 759 126 / 127	757 / 681 166 /141	739 / 582 202 / 152	705 / 452 232 / 159	290 CFM/ton	CFM Watts	738 81	757 122	758 162	742 198	707 229
	350 CFM/ton	CFM Watts	880 / 947 134 / 162	896 / 895 182 / 181	896 / 832 226 /198	885 / 757 267 / 211	859 / 665 302 / 221	350 CFM/ton	CFM Watts	876 127	895 174	898 220	888 261	864 297
	400 CFM/ton	CFM Watts	996 /1059 188 / 220	1011 / 1011 241 / 240	1014 / 954 291 / 257	1006 / 887 336 / 271	985 / 807 375 / 280	400 CFM/ton	CFM Watts	1064 215	1083 272	1089 326	1084 375	1066 418
	450 CFM/ton	CFM Watts	1120 / 1180 260 / 297	1135 / 1134 319 / 317	1137 / 1081 373 /334	1129 / 1019 422 / 347	1108 / 946 463 / 355	450 CFM/ton	CFM Watts	1115 244	1133 304	1139 360	1133 410	1116 453
3 tons	290 CFM/ton	CFM Watts	875 / 943 132 / 160	891 / 891 179 / 179	892 / 891 224 / 196	880 / 751 265 / 209	854 / 659 300 / 218	290 CFM/ton	CFM Watts	871 125	890 172	894 217	883 259	859 295
	350 CFM/ton	CFM Watts	1045 / 1106 215 / 248	1060 / 1059 270 / 268	1063 / 1004 321 / 285	1055 / 939 369 / 299	1035 / 862 409 / 308	350 CFM/ton	CFM Watts	1040 202	1058 257	1064 310	1059 358	1041 401
	400 CFM/ton	CFM Watts	1200 / 1257 315 / 354	1212 / 1211 376 / 374	1212 / 1159 432 / 390	1200 / 1099 480 / 402	1129 / 1030 481 / 409	400 CFM/ton	CFM Watts	1291 368	1302 432	1300 487	1220 478	1138 470
	450 CFM/ton	CFM Watts	1358 / 1403 447 / 484	1333 / 1359 482 / 502	1256 / 1308 472 / 517	1177 / 1251 466 / 527	1095 / 1187 460 / 531	450 CFM/ton	CFM Watts	1355 422	1360 483	1286 476	1208 468	1128 462

- Status LED will blink once per 100 CFM requested. In torque mode, actual airflow may be lower.
- In horizontal and downflow applications, airflow should be limited to 800 CFM due to condensate blowoff.
- Torque mode will reduce airflow when static is above approximately 0.3-in. water column.
- All heating modes default to Constant CFM.
- Cooling airflow values are with wet coil, no filter.

5TAMXB02AV21DB Minimum Heating Airflow Settings

Model No.	BAYEA(13/AC)04BK1 BAYEA(13/AC)04LG1 BAYEA(13/AC)05BK1 BAYEA(13/AC)05LG1	BAYEA(13/AC)08BK1 BAYEA(13/AC)08LG1	BAYEA(13/AC)10BK1 BAYEA(13/AC)10LG1	BAYEA(13/AC)10LG3	BAYEA(23/BC)15BK1	BAYEA(23/BC)15LG3	BAYEA(23/BC)20BK1
5TAMXB02AV21DB	638/713	639/900	675/900	600/713	—	—	—

Without heat pump / with heat pump — see air handler nameplate for approved combinations

[a] Factory setting

[b] Factory heating default setting is 430 CFM/ton.

Table 6. Model – 5TAMXC03AV31DB

Outdoor multiplier (tons)	Cooling airflow setting	Airflow power	External static pressure (constant CFM / constant torque)					Heating airflow setting	Air-flow power	External static pressure				
			0.1	0.3	0.5	0.7	0.9			0.1	0.3	0.5	0.7	0.9
1.5 tons	290 CFM/ton	CFM Watts	492 / 581 22 / 30	442 / 397 45 / 41	408 / NA 71/ NA	353 / NA 98 / NA	221 / NA 129 / NA	290 CFM/ton	CFM Watts	485 21	437 44	393 69	349 97	300 130
	350 CFM/ton	CFM Watts	576 / 664 30 / 40	553 / 515 58 / 54	527 / NA 87 / NA	493 / NA 117 / NA	472 / NA 150 / NA	350 CFM/ton	CFM Watts	574 29	545 56	517 85	489 115	457 146
	400 CFM/ton	CFM Watts	644 / 730 38 / 49	633 / 598 70 / 65	612 / 403 102 / 72	590 / NA 134 / NA	563 / NA 167 / NA	400 CFM/ton	CFM Watts	643 37	624 67	605 99	583 132	559 165
	450 CFM/ton	CFM Watts	711 / 794 47 / 60	708 / 673 83 / 77	691 / 510 118 / 86	678 / NA 154 / NA	656 / NA 189 / NA	450 CFM/ton	CFM Watts	709 45	698 80	684 115	669 151	649 186
2 tons	290 CFM/ton	CFM Watts	627 / 713 36 / 47	611 / 576 66 / 62	589 / 369 98 / 68	568 / NA 130 / NA	542 / NA 163 / NA	290 CFM/ton	CFM Watts	625 35	603 64	582 95	559 127	533 160
	350 CFM/ton	CFM Watts	734 / 815 51/ 64	730 / 698 87 / 82	717 / 541 124 / 91	705 / NA 161 / NA	684 / NA 197 / NA	350 CFM/ton	CFM Watts	731 49	722 84	710 120	696 157	677 193
	400 [a] CFM/ton	CFM Watts	822 / 898 66 / 81	824 / 792 107 / 101	817 / 657 149 / 112	811 / NA 191 / NA	797 / NA 231 / NA	400[a] CFM/ton	CFM Watts	817 63	815 103	811 145	801 186	788 226
	450 CFM/ton	CFM Watts	910 / 982 85 / 102	916 / 884 131 / 123	916 / 763 178 / 136	914 / 610 226 / 140	904 / NA 270 / NA	450 CFM/ton	CFM Watts	902 80	907 126	908 172	904 219	895 263
2.5 tons	290 CFM/ton	CFM Watts	755 / 860 54 / 73	753 / 749 92 / 91	742 / 606 130 / 102	732 / 397 168 / 104	712 / NA 205 / NA	290 CFM/ton	CFM Watts	753 52	745 88	735 126	723 164	706 201
	350 CFM/ton	CFM Watts	887 / 985 80 / 102	893 / 887 125 / 124	891 / 767 170 / 137	888 / 614 217 / 141	876 / NA 260 / NA	350 CFM/ton	CFM Watts	881 75	884 120	884 165	879 210	868 253
	400 CFM/ton	CFM Watts	998 / 1094 107 / 134	1010 / 1003 160 / 158	1017 / 895 213 / 173	1018 / 765 266 / 179	1008 / NA 315 / NA	400 CFM/ton	CFM Watts	989 100	1001 152	1008 205	1008 257	1000 306
	450 CFM/ton	CFM Watts	1116 / 1212 143 / 176	1135 / 1126 205 / 201	1147 / 1027 267 / 219	1148 / 911 325 / 227	1134 / NA 376 / NA	450 CFM/ton	CFM Watts	1104 133	1124 194	1136 255	1139 314	1128 366
3 tons	290 CFM/ton	CFM Watts	883 / 981 79 / 101	888 / 882 124 / 122	887 / 762 169 / 136	881 / 608 214 / 140	870 / NA 257 / NA	290 CFM/ton	CFM Watts	877 74	880 118	879 164	874 208	863 252
	350 CFM/ton	CFM Watts	1043 / 1140 120 / 150	1059 / 1051 177 / 174	1068 / 947 233 / 190	1069 / 823 288 / 197	1059 / NA 339 / NA	350 CFM/ton	CFM Watts	1034 112	1049 168	1058 224	1061 279	1053 330
	400 CFM/ton	CFM Watts	1190 / 1304 170 / 203	1214 / 1221 238 / 231	1226 / 1126 304 / 251	1223 / 1016 364 / 261	1201 / 886 414 / 261	400 CFM/ton	CFM Watts	1177 157	1201 224	1215 291	1215 352	1198 403
	450 CFM/ton	CFM Watts	1355 / 1471 241 / 282	1376 / 1391 318 / 311	1375 / 1302 386 / 333	1353 / 1201 441 / 345	1296 / 1086 472 / 345	450 CFM/ton	CFM Watts	1338 221	1363 299	1368 369	1350 427	1314 472

- Status LED will blink once per 100 CFM requested. In torque mode, actual airflow may be lower.
- In horizontal and downflow applications, airflow should be limited to 1200 CFM due to condensate blowoff.
- Torque mode will reduce airflow when static is above approximately 0.35-in. water column.
- All heating modes default to Constant CFM.
- Cooling airflow values are with wet coil, no filter.

5TAMXC03AV31DB Minimum Heating Airflow Settings

Model No.	BAYEA(13/AC)04BK1 BAYEA(13/AC)04LG1 BAYEA(13/AC)05BK1 BAYEA(13/AC)05LG1	BAYEA(13/AC) 08BK1 BAYEA(13/AC) 08LG1	BAYEA(13/AC) 10BK1 BAYEA(13/AC) 10LG1	BAYEA(13/AC) 10LG3	BAYEA(23/BC) 15BK1	BAYEA(23/BC) 15LG3	BAYEA(23/BC) 20BK1
5TAMX-C03AV31DB	723/808	723/1020	765/1020	680/808	765/1063	850/1105	—
Without heat pump / with heat pump — see air handler nameplate							

[a] Factory setting

Airflow Performance Tables

Table 7. Model – 5TAMXD04AV31DB

Outdoor multiplier (tons)	Cooling airflow setting	Air-flow power	External static pressure (constant CFM / constant torque) 0.1	0.3	0.5	0.7	0.9	Heating airflow setting	Air-flow power	External static pressure 0.1	0.3	0.5	0.7	0.9
2 tons	290 CFM/ton	CFM Watts	605 / 747 31 / 48	573 / 565 59 / 58	553 / 306 88 / 62	548 / NA 120 / NA	546 / NA 153 / NA	290 CFM/ton	CFM Watts	606 31	574 58	557 87	551 119	549 152
	370 CFM/ton	CFM Watts	755 / 880 50 / 70	745 / 738 85 / 85	737 / 575 121 / 93	738 / 367 160 / 97	735 / NA 197 / NA	350 CFM/ton	CFM Watts	720 43	705 77	695 111	694 148	691 184
	400 CFM/ton	CFM Watts	810 / 929 58 / 80	804 / 797 97 / 96	800 / 650 136 / 106	802 / 478 176 / 111	802 / 231 216 / 120	400 CFM/ton	CFM Watts	810 56	805 95	800 134	803 174	802 214
	450 CFM/ton	CFM Watts	900 / 1011 75 / 98	900 / 893 118 / 117	902 / 764 162 / 129	905 / 624 207 / 136	906 / 462 251 / 140	450 CFM/ton	CFM Watts	900 72	900 115	903 159	906 204	907 248
2.5 tons	290 CFM/ton	CFM Watts	742 / 891 48 / 72	729 / 752 82 / 87	722 / 592 118 / 96	721 / 394 155 / 99	720 / NA 193 / NA	290 CFM/ton	CFM Watts	742 46	731 81	722 117	722 154	720 191
	370 CFM/ton	CFM Watts	922 / 1055 80/ 109	923 / 942 124 / 128	927 / 820 170 / 142	930 / 690 215 / 150	931 / 546 260 / 154	350 CFM/ton	CFM Watts	877 68	877 110	876 152	880 196	880 239
	400 CFM/ton	CFM Watts	989 / 1118 95 / 127	995 / 1012 143 / 148	1002 / 899 193 / 163	1008 / 779 242 / 173	1010 / 652 290 / 177	400 CFM/ton	CFM Watts	989 90	995 139	1000 188	1008 258	1008 285
	450 CFM/ton	CFM Watts	1103 / 1228 125 / 162	1117 / 1131 181 / 185	1129 / 1028 238 / 203	1137 / 921 294 / 215	1137 / 809 346 / 221	450 CFM/ton	CFM Watts	1102 119	1116 175	1127 231	1137 288	1138 340
3 tons	290 CFM/ton	CFM Watts	872 / 1009 70 / 97	871 / 890 111 / 116	871 / 761 154 / 128	874 / 620 197 / 135	874 / 457 240 / 139	290 CFM/ton	CFM Watts	871 67	872 109	871 151	874 195	875 237
	370 [a] CFM/ton	CFM Watts	1089 / 1214 121 / 157	1102 / 1116 176 / 180	1114 / 1013 232 / 198	1121 / 905 287 / 209	1122 / 791 339 / 215	350 CFM/ton	CFM Watts	1033 101	1043 152	1051 204	1059 257	1061 307
	400 CFM/ton	CFM Watts	1175 / 1298 147 / 188	1193 / 1205 208/ 212	1208 / 1107 270 / 231	1215 / 1006 329 / 244	1211 / 899 382 / 251	400 [a] CFM/ton	CFM Watts	1171 139	1191 200	1205 262	1215 322	1212 376
	450 CFM/ton	CFM Watts	1329 / 1447 204/ 253	1353 / 1361 276 / 279	1366 / 1270 345 / 299	1363 / 1176 406 / 313	1343 / 1077 456 / 321	450 CFM/ton	CFM Watts	1324 192	1349 264	1364 334	1364 396	1347 448
3.5 tons	290 CFM/ton	CFM Watts	1002 / 1131 98 / 130	1009 / 1026 147 / 152	1017 / 914 198 / 167	1023 / 797 248 / 177	1024 / 671 296 / 182	290 CFM/ton	CFM Watts	997 92	1010 143	1016 197	1022 248	1027 293
	370 CFM/ton	CFM Watts	1270 / 1391 181 / 227	1293 / 1302 249 / 252	1308 / 1210 316 / 272	1311 / 1113 377 / 286	1297 / 1012 429 / 293	350 CFM/ton	CFM Watts	1196 146	1217 210	1231 272	1241 334	1234 387
	400 CFM/ton	CFM Watts	1383 / 1499 227 / 278	1407 / 1414 303 / 305	1416 / 1325 372 / 325	1406 / 1233 431 / 340	1380 / 1136 478 / 348	400 CFM/ton	CFM Watts	1379 214	1404 289	1415 360	1330 378	1390 473
	450 CFM/ton	CFM Watts	1579 / 1669 326 / 375	1583 / 1587 402 / 402	1567 / 1502 464 / 423	1474 / 1413 475 / 437	1357 / 1320 468 / 444	450 CFM/ton	CFM Watts	1499 268	1508 342	1586 460	1504 478	1390 472

- Status LED will blink once per 100 CFM requested. In torque mode, actual airflow may be lower.
- In horizontal and downflow applications, airflow should be limited to 1400 CFM due to condensate blowoff.
- Torque mode will reduce airflow when static is above approximately 0.35-in. water column.
- All heating modes default to Constant CFM.
- Cooling airflow values are with wet coil, no filter.

5TAMXD04AV31DB Minimum Heating Airflow Settings

Model No.	BAYEA(13/AC)04BK1 BAYEA(13/AC)04LG1 BAYEA(13/AC)05BK1 BAYEA(13/AC)05LG1	BAYEA(13/AC) 08BK1 BAYEA(13/AC) 08LG1	BAYEA(13/AC)10BK1 BAYEA(13/AC)10LG1	BAYEA(13/AC) 10LG3	BAYEA(23/BC) 15BK1	BAYEA(23/BC) 15LG3	BAYEA(23/BC) 20BK1
5TAMX-D04AV31DB	876/979	876/1236	927/1236	824/979	927/1288	1030/1339	1236/1442
Without heat pump / with heat pump — see air handler nameplate							

[a] Factory setting

Table 8. Model – 5TAMXD05AV41DB

Outdoor multiplier (tons)	Cooling airflow setting	Airflow power	External static pressure (constant CFM / constant torque)					Heating airflow setting	Airflow power	External static pressure				
			0.1	0.3	0.5	0.7	0.9			0.1	0.3	0.5	0.7	0.9
2.5 tons	290 CFM/ton	CFM Watts	747 / 905 48 / 77	743 / 764 87 / 94	742 / 591 127 / 102	741 / 342 168 / 106	739 / NA 207 / NA	290 CFM/ton	CFM Watts	744 51	741 90	740 130	738 170	734 209
	370 CFM/ton	CFM Watts	937 / 1072 80 / 118	942 / 956 129 / 139	946 / 823 179 / 151	947 / 655 227 / 155	944 / 458 273 / 155	350 CFM/ton	CFM Watts	889 76	892 123	894 169	894 215	890 259
	400 CFM/ton	CFM Watts	1006 / 1136 95 / 138	1014 / 1027 148 / 159	1020 / 903 201 / 173	1022 / 760 253 / 178	1019 / 586 302 / 177	400 CFM/ton	CFM Watts	1006 103	1016 156	1018 209	1019 160	1016 308
	450 CFM/ton	CFM Watts	1122 / 1247 125 / 176	1135 / 1146 185 / 200	1143 / 1035 245 / 216	1146 / 911 303 / 224	1142 / 768 357 / 223	450 CFM/ton	CFM Watts	1124 136	1135 196	1142 256	1144 313	1140 366
3 tons	290 CFM/ton	CFM Watts	885 / 1026 70 / 106	889 / 904 116 / 125	891 / 763 163 / 136	892 / 590 209 / 139	889 / 341 254 / 143	290 CFM/ton	CFM Watts	884 75	887 121	889 168	889 214	885 257
	370 CFM/ton	CFM Watts	1108 / 1233 121 / 171	1120 / 1132 181 / 195	1128 / 1019 240 / 210	1131 / 893 297 / 218	1128 / 747 350 / 217	350 CFM/ton	CFM Watts	1053 115	1062 171	1067 227	1069 280	1066 330
	400 CFM/ton	CFM Watts	1194 / 1316 147 / 204	1208 / 1220 212 / 229	1218 / 1115 276 / 246	1221 / 999 337 / 255	1215 / 868 393 / 256	400 CFM/ton	CFM Watts	1196 160	1209 225	1218 289	1219 349	1212 403
	450 CFM/ton	CFM Watts	1343 / 1463 200 / 272	1361 / 1374 275 / 300	1371 / 1279 348 / 320	1368 / 1175 413 / 331	1352 / 1061 469 / 334	450 CFM/ton	CFM Watts	1347 220	1363 295	1371 367	1366 430	1342 480
3.5 tons	290 CFM/ton	CFM Watts	1020 / 1149 99 / 142	1028 / 1041 152 / 164	1034 / 919 206 / 178	1037 / 779 259 / 183	1034 / 609 308 / 182	290 CFM/ton	CFM Watts	1020 107	1028 160	1033 214	1173 327	1031 315
	370 [a] CFM/ton	CFM Watts	1287 / 1408 179 / 245	1304 / 1317 250 / 272	1314 / 1218 320 / 291	1315 / 1110 384 / 301	1304 / 981 441 / 303	350 CFM/ton	CFM Watts	1220 169	1234 236	1243 301	1244 362	1236 417
	400 CFM/ton	CFM Watts	1395 / 1514 221 / 299	1413 / 1427 300 / 328	1421 / 1334 374 / 348	1415 / 1233 440 / 361	1369 / 1124 480 / 364	400[a] CFM/ton	CFM Watts	1440 244	1416 322	1421 395	1411 458	1355 475
	450 CFM/ton	CFM Watts	1584 / 1687 313 / 405	1593 / 1605 399 / 435	1576 / 1518 467 / 458	1474 / 1425 477 / 472	1350 / 1326 468 / 477	450 CFM/ton	CFM Watts	1589 347	1592 428	1545 474	1434 473	1315 463
4 tons	290 CFM/ton	CFM Watts	1156 / 1302 135 / 197	1169 / 1205 197 / 222	1178 / 1098 259 / 239	1181 / 981 319 / 248	1174 / 848 383 / 249	290 CFM/ton	CFM Watts	1157 147	1169 209	1177 271	1179 330	1174 383
	370 CFM/ton	CFM Watts	1487 / 1618 288 / 359	1500 / 1534 369 / 389	1496 / 1445 441 / 411	1445 / 1350 481 / 425	1319 / 1248 470 / 429	350 CFM/ton	CFM Watts	1400 244	1416 322	1421 395	1411 458	1335 475
	400 CFM/ton	CFM Watts	1616 / 1728 363 / 433	1614 / 1646 443 / 464	1543 / 1543 475 / 475	1423 / 1423 472 / 472	1301 / 1301 463 / 463	400 CFM/ton	CFM Watts	1615 363	1615 444	1545 474	1431 471	1313 462
	450 CFM/ton	CFM Watts	1711 / 1711 432 / 432	1621 / 1621 456 / 456	1514 / 1514 465 / 465	1393 / 1393 460 / 460	1273 / 1273 453 / 453	450 CFM/ton	CFM Watts	1716 430	1629 453	1528 462	1411 458	1297 452

- Status LED will blink once per 100 CFM requested. In torque mode, actual airflow may be lower.
- Torque mode will reduce airflow when static is above approximately 0.35-in. water column.

- All heating modes default to Constant CFM.
- Cooling airflow values are with wet coil, no filter.

5TAMXD05AV41DB Minimum Heating Airflow Settings

Model No.	BAYEA(13/AC)04BK1 BAYEA(13/AC)04LG1 BAYEA(13/AC)05BK1 BAYEA(13/AC)05LG1	BAYEA(13/AC) 08BK1 BAYEA(13/AC) 08LG1	BAYEA(13/AC) 10BK1 BAYEA(13/AC) 10LG1	BAYEA(13/AC) 10LG3	BAYEA(23/BC) 15BK1	BAYEA(23/BC) 15LG3	BAYEA(23/BC) 20BK1
5TAMX-D05AV41DB	978/1093	978/1380	1035/1380	920/1093	1035/1438	1150/1495	1380/1610
Without heat pump / with heat pump — see air handler nameplate							

[a] Factory setting

Airflow Performance Tables

Table 9. Model – 5TAMXD06AV41DB

Outdoor multiplier (tons)	Cooling airflow setting	Airflow power	External static pressure (constant CFM / constant torque)					Heating airflow setting	Air-flow power	External static pressure				
			0.1	0.3	0.5	0.7	0.9			0.1	0.3	0.5	0.7	0.9
3 tons	290 CFM/ton	CFM Watts	894 / 1018 69 / 91	900 / 897 114 / 114	896 / 767 157 / 130	886 / 622 195 / 137	871 / 445 229 / 136	290 CFM/ton	CFM Watts	893 72	900 118	893 159	883 197	864 230
	350 CFM/ton	CFM Watts	1067 /1180 106 / 132	1073 / 1078 158 / 160	1072 / 972 208 / 180	1065 / 859 252 / 192	1053 / 738 292 / 194	350 CFM/ton	CFM Watts	1068 112	1073 164	1070 213	1062 257	1049 295
	400 CFM/ton	CFM Watts	1205 /1314 145 / 176	1212 / 1222 203 / 206	1213 / 1128 259 / 229	1208 / 1029 309 / 244	1199 / 926 354 / 249	400 CFM/ton	CFM Watts	1207 154	1212 212	1212 266	1206 315	1196 359
	450 CFM/ton	CFM Watts	1343 / 1451 193 / 232	1352 / 1367 259 / 264	1355 / 1280 320 / 289	1353 / 1190 377 / 305	1346 / 1098 427 / 313	450 CFM/ton	CFM Watts	1344 206	1352 270	1354 331	1352 387	1344 436
3.5 tons	290 CFM/ton	CFM Watts	1034 / 1149 98 / 123	1041 / 1044 149 / 150	1038 / 934 197 / 170	1031 / 817 240 / 181	1018 / 690 279 / 182	290 CFM/ton	CFM Watts	1034 103	1040 154	1037 202	1028 244	1014 281
	350 CFM/ton	CFM Watts	1228 /1336 152 / 185	1235 / 1246 212 / 215	1236 / 1153 268 / 238	1232 / 1056 319 / 253	1224 / 955 365 / 259	350 CFM/ton	CFM Watts	1229 162	1235 221	1236 276	1230 326	1220 371
	400 CFM/ton	CFM Watts	1389 /1498 212 / 253	1399 / 1415 280 / 286	1403 / 1331 343 / 311	1401 / 1244 402 / 328	1395 / 1154 455 / 336	400 CFM/ton	CFM Watts	1392 226	1400 293	1403 356	1400 413	1394 465
	450 CFM/ton	CFM Watts	1558 /1669 290 / 343	1570 / 1592 367 / 377	1575 / 1514 439 / 404	1575 / 1434 505 / 422	1568 / 1351 563 / 432	450 CFM/ton	CFM Watts	1561 310	1572 386	1576 457	1574 521	1567 577
4 tons	290 CFM/ton	CFM Watts	1168 /1298 133 / 170	1175 / 1205 191 / 200	1175 / 1109 244 / 223	1170 / 1010 293 / 237	1160 / 905 336 / 242	290 CFM/ton	CFM Watts	1168 141	1176 198	1174 251	1168 299	1157 341
	350 [a] CFM/ton	CFM Watts	1389 /1517 212 / 262	1399 / 1436 280 / 295	1403 / 1352 343 / 321	1401 / 1266 402 / 338	1395 / 1177 455 / 346	350 CFM/ton	CFM Watts	1392 226	1400 293	1403 356	1400 413	1394 465
	400 CFM/ton	CFM Watts	1583 /1714 303 / 370	1595 / 1639 382 / 546	1601 / 1562 455 / 431	1600 / 1483 521 / 450	1593 / 1401 580 / 459	400 [a] CFM/ton	CFM Watts	1586 325	1597 402	1601 474	1599 538	1591 595
	450 CFM/ton	CFM Watts	1790 /1918 429 / 511	1800 / 184 8515 / 546	1808 / 1775 594 / 573	1793 / 1701 663 / 592	1698 / 1625 660 / 601	450 CFM/ton	CFM Watts	1794 459	1801 544	1800 620	1766 665	1667 655
4.5 tons[b]	290 CFM/ton	CFM Watts	1301 /1429 177 / 222	1310 / 1344 241 / 253	1312 / 1256 300 / 278	1309 / 1165 355 / 294	1302 / 1071 404 / 302	290 CFM/ton	CFM Watts	1302 189	1310 252	1311 310	1309 355	1301 403
	350 CFM/ton	CFM Watts	1558 / 1688 290 / 354	1570 / 1613 367 / 389	1575 / 1535 439 / 415	1575 / 1455 505 / 434	1568 / 1373 563 / 444	350 CFM/ton	CFM Watts	1557 290	1570 367	1575 439	1575 505	1569 563
	400 CFM/ton	CFM Watts	1790 / 1918 429 / 511	1800 / 1848 515 / 546	1801 / 1775 594 / 573	1793 / 1701 663 / 592	1698 / 1625 660 / 601	400 CFM/ton	CFM Watts	1789 428	1799 515	1801 594	1794 663	1701 659
	450 CFM/ton	CFM Watts	2018 / 2018 605 / 605	1973 / 1973 656 / 656	1857 / 1857 645 / 645	1749 / 1749 637 / 637	1651 / 1651 631 / 631	450 CFM/ton	CFM Watts	2018 605	1975 656	1863 643	1757 634	1660 628

- Status LED will blink once per 100 CFM requested. In torque mode, actual airflow may be lower.
- Torque mode will reduce airflow when static is above approximately 0.4-in. water column.
- In horizontal and downflow applications, airflow should be limited to 1800 CFM due to condensate blowoff.
- All heating modes default to Constant CFM.
- Cooling airflow values are with wet coil, no filter.

5TAMXD06AV41DB Minimum Heating Airflow Settings

Model No.	BAYEA(13/AC)04BK1 BAYEA(13/AC)04LG1 BAYEA(13/AC)05BK1 BAYEA(13/AC)05LG1	BAYEA(13/AC)08BK1 BAYEA(13/AC)08LG1	BAYEA(13/AC)10BK1 BAYEA(13/AC)10LG1	BAYEA(13/AC)10LG3	BAYEA(23/BC)15BK1	BAYEA(23/BC)15LG3	BAYEA(23/BC)20BK1	BAYEA(33/CC)25BK1
5TAMX-D06AV41-DB	1063 / 1188	1063 / 1500	1125 / 1500	1000 / 1188	1125 / 1563	1250 / 1625	1500 / 1750	1625 / 1813
Without heat pump / with heat pump — see air handler nameplate								

[a] Factory setting
[b] Not an actual OD size

Table 10. Model – 5TAMXD07AV51DB

Outdoor multiplier (tons)	Cooling airflow setting	Airflow power	External static pressure (constant CFM / constant torque) 0.1	0.3	0.5	0.7	0.9	Heating airflow setting	Airflow power	External static pressure 0.1	0.3	0.5	0.7	0.9
3.5 tons	290 CFM/ton	CFM Watts	1040 / 1151 94 / 119	1068 / 1056 151 / 148	1075 / 941 203 / 168	1066 / 799 247 / 175	1046 / 607 283 / 165	290 CFM/ton	CFM Watts	1039 95	1065 151	1071 203	1063 247	1045 283
	370 CFM/ton	CFM Watts	1312 / 1343 171 / 178	1332 / 1264 236 / 210	1336 / 1174 296 / 235	1329 / 1068 349 / 250	1314 / 945 392 / 251	350 CFM/ton	CFM Watts	1247 150	1266 213	1270 270	1263 321	1248 363
	400 CFM/ton	CFM Watts	1408 / 1496 206 / 238	1425 / 1426 274 / 273	1429 / 1346 337 / 301	1423 / 1256 393 / 319	1410 / 1154 440 / 325	400 CFM/ton	CFM Watts	1407 206	1423 274	1426 337	1421 392	1409 439
	450 CFM/ton	CFM Watts	1565 / 1650 274 / 312	1579 / 1585 348 / 348	1584 / 1512 416 / 378	1580 / 1432 477 / 398	1569 / 1343 529 / 407	450 CFM/ton	CFM Watts	1564 274	1578 348	1582 416	1578 476	1569 529
4 tons	290 CFM/ton	CFM Watts	1186 / 1304 131 / 164	1208 / 1223 192 / 196	1213 / 1128 248 / 220	1206 / 1018 297 / 234	1189 / 887 337 / 233	290 CFM/ton	CFM Watts	1185 131	1206 192	1210 248	1203 297	1187 337
	370 CFM/ton	CFM Watts	1480 / 1514 235 / 245	1495 / 1444 306 / 280	1499 / 1365 372 / 308	1495 / 1277 430 / 327	1482 / 1177 479 / 334	350 CFM/ton	CFM Watts	1407 206	1423 274	1426 337	1421 392	1409 439
	400 CFM/ton	CFM Watts	1587 / 1689 285 / 332	1602 / 1625 360 / 369	1606 / 1554 429 / 399	1602 / 1475 490 / 420	1592 / 1399 543 / 430	400 CFM/ton	CFM Watts	1587 285	1600 360	1604 428	1601 490	1592 543
	450 CFM/ton	CFM Watts	1770 / 1873 386 / 443	1784 / 1813 468 / 481	1789 / 1747 543 / 512	1788 / 1675 612 / 534	1782 / 1597 671 / 546	450 CFM/ton	CFM Watts	1770 385	1783 467	1788 543	1788 611	1782 671
4.5 tons[a]	290 CFM/ton	CFM Watts	1322 / 1431 174 / 211	1340 / 1358 240 / 245	1345 / 1274 300 / 271	1338 / 1179 353 / 288	1323 / 1069 397 / 292	290 CFM/ton	CFM Watts	1321 174	1338 240	1342 300	1336 352	1322 396
	370 [b] CFM/ton	CFM Watts	1646 / 1667 315 / 320	1660 / 1602 392 / 357	1665 / 1530 463 / 386	1662 / 1451 527 / 407	1653 / 1363 582 / 417	350 CFM/ton	CFM Watts	1564 274	1578 348	1582 416	1578 476	1569 529
	400 CFM/ton	CFM Watts	1770 / 1873 386 / 443	1784 / 1813 468 / 481	1789 / 1747 543 / 512	1788 / 1675 612 / 534	1781 / 1597 671 / 546	400 [b] CFM/ton	CFM Watts	1770 385	1783 467	1788 543	1788 611	1782 671
	450 CFM/ton	CFM Watts	1989 / 2099 535 / 612	2004 / 2042 627 / 650	2012 / 1980 712 / 681	2013 / 1913 788 / 703	2009 / 1842 855 / 716	450 CFM/ton	CFM Watts	1989 534	2003 626	2011 711	2014 788	2011 856
5 tons	290 CFM/ton	CFM Watts	1452 / 1557 224 / 265	1469 / 1489 294 / 301	1473 / 1413 358 / 329	1468 / 1327 415 / 348	1455 / 1231 463 / 356	290 CFM/ton	CFM Watts	1452 224	1467 294	1471 358	1466 415	1454 463
	370 CFM/ton	CFM Watts	1817 / 1826 415 / 451	1831 / 1765 499 / 451	1837 / 1698 576 / 481	1837 / 1624 647 / 503	1831 / 1544 708 / 515	350 CFM/ton	CFM Watts	1723 357	1736 437	1741 511	1740 578	1734 636
	400 CFM/ton	CFM Watts	1964 / 2073 516 / 590	1978 / 2015 607 / 629	1986 / 1953 690 / 660	1987 / 1886 766 / 682	1983 / 1814 832 / 695	400 CFM/ton	CFM Watts	1964 515	1978 606	1985 690	1988 766	1985 833
	450 CFM/ton	CFM Watts	2231 / 2347 741 / 842	2245 / 2292 842 / 879	2252 / 2233 934 / 908	2252 / 2171 1015 / 930	2185 / 2104 1024 / 941	450 CFM/ton	CFM Watts	2232 741	2245 842	2252 934	2252 1016	2186 1023

- Status LED will blink once per 100 CFM requested. In torque mode, actual airflow may be lower.
- Torque mode will reduce airflow when static is above approximately 0.4-in. water column.
- All heating modes default to Constant CFM.
- Cooling airflow values are with wet coil, no filter.
- In horizontal and downflow applications, airflow should be limited to 1800 CFM due to condensate blowoff.

5TAMXD07AV51DB Minimum Heating Airflow Settings

Model No.	BAYEA(13/AC)04BK1 BAYEA(13/AC)04LG1 BAYEA(13/AC)05BK1 BAYEA(13/AC)05LG1	BAYEA(13/AC)08BK1 BAYEA(13/AC)08LG1	BAYEA(13/AC)10BK1 BAYEA(13/AC)10LG1	BAYEA(13/AC)10LG3	BAYEA(23/BC)15BK1	BAYEA(23/BC)15LG3	BAYEA(23/BC)20BK1	BAYEA(33/CC)25BK1
5TAMX-D07AV51-DB	1063 / 1188	1063 / 1500	1125 / 1500	1000 / 1188	1125 / 1563	1250 / 1625	1500 / 1750	1625 / 1813
Without heat pump / with heat pump — see air handler nameplate								

[a] Not an actual OD size
[b] Factory setting

Heater Attribute Data

Notes:

- *Heater size will be announced when using the resistor that is being provided with the BAYEA heater. Heater can also be configured in the UX360 User Interface or Diagnostics Mobile App.*
- *Heater model numbers may have additional suffix digits.*

Table 11. Model – 5TAMXB02AV21DB

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	0	—	—	3.9 [a]	5	15	—	—	3.9[a]	5	15
BAYEA(13/AC)04[b]1	1	3.84	13100	16.0	25	25	2.88	9800	13.8	22	25
BAYEA(13/AC)05[b]1	1	4.80	16400	20.0	30	30	3.60	12300	17.3	27	30
BAYEA(13/AC)08[b]1	1	7.68	26200	32.0	45	45	5.76	19700	27.7	39	40
BAYEA(13/AC)10[b]1[c]	1	9.60	32800	40.0	55	60	7.20	24600	34.6	48	50
BAYEA(13/AC)10LG3	1 to 3 PH	9.60	32800	23.1	33	35	7.20	24600	20.0	29	30

[a] Motor Amps
[b] Represents BK or LG
[c] Heater not qualified for 208V when installed in horizontal left position without Heat Pump

Table 12. Model – 5TAMXC03AV31DB

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	0	—	—	3.9 [a]	5	15	—	—	3.9[a]	5	15
BAYEA(13/AC)04[b]1	1	3.84	13100	16.0	25	25	2.88	9800	13.8	22	25
BAYEA(13/AC)05[b]1	1	4.80	16400	20.0	30	30	3.60	12300	17.3	27	30
BAYEA(13/AC)08[b]1	1	7.68	26200	32.0	45	45	5.76	19700	27.7	39	40
BAYEA(13/AC)10[b]1	1	9.60	32800	40.0	55	60	7.20	24600	34.6	48	50
BAYEA(13/AC)10LG3	1 to 3 PH	9.60	32800	23.1	33	35	7.20	24600	20.0	29	30
BAYEA(23/BC)15LG3	1 to 3 PH	14.40	49100	34.6	48	50	10.80	36900	30.0	42	45
BAYEA(23/BC)15BK1 — Circuit 1[c] BAYEA(23/BC)15BK1 — Circuit 2	2	9.60	32800	40.0	55	60	7.20	24600	34.6	48	50
		4.80	16400	20.0	25	25	3.60	12300	17.3	22	25

[a] Motor Amps
[b] Represents BK or LG
[c] MCA and MOP for circuit 1 contains the motor amps

Table 13. Model – 5TAMXD04AV31DB

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	0	—	—	3.9[a]	5	15	—	—	3.9[a]	5	15
BAYEA(13/AC)04[b]1	1	3.84	13100	16.0	25	25	2.88	9800	13.8	22	25
BAYEA(13/AC)05[b]1	1	4.80	16400	20.0	30	30	3.60	12300	17.3	27	30
BAYEA(13/AC)08[b]1	1	7.68	26200	32.0	45	45	5.76	19700	27.7	39	40
BAYEA(13/AC)10[b]1	1	9.60	32800	40.0	55	60	7.20	24600	34.6	48	50
BAYEA(13/AC)10LG3	1 to 3 PH	9.60	32800	23.1	33	35	7.20	24600	20.0	29	30
BAYEA(23/BC)15LG3	1 to 3 PH	14.40	49100	34.6	48	50	10.80	36900	30.0	42	45
BAYEA(23/BC)15BK1 — Circuit 1[c] BAYEA(23/BC)15BK1 — Circuit 2	2	9.60	32800	40.0	55	60	7.20	24600	34.6	48	50
		4.80	16400	20.0	25	25	3.60	12300	17.3	22	25

Table 13. Model – 5TAMXD04AV31DB (continued)

BAYEA(23/BC)20BK1 — Circuit 1 (c) BAYEA(23/BC)20BK1 — Circuit 2	2	9.60	32800	40.0	55	60	7.20	24600	34.6	48	50
		9.60	32800	40.0	50	50	7.20	24600	34.6	43	45

(a) Motor Amps
(b) Represents BK or LG
(c) MCA and MOP for circuit 1 contains the motor amps

Table 14. Model – 5TAMXD05AV41DB

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	0	—	—	3.9(a)	5	15	—	—	3.9(a)	5	15
BAYEA(13/AC)04(b) 1	1	3.84	13100	16.0	25	25	2.88	9800	13.8	22	25
BAYEA(13/AC)05(b)1	1	4.80	16400	20.0	30	30	3.60	12300	17.3	27	30
BAYEA(13/AC)08(b)1	1	7.68	26200	32.0	45	45	5.76	19700	27.7	39	40
BAYEA(13/AC)10(b)1	1	9.60	32800	40.0	55	60	7.20	24600	34.6	48	50
BAYEA(13/AC)10LG3	1 to 3 PH	9.60	32800	23.1	33	35	7.20	24600	20.0	29	30
BAYEA(23/BC)15LG3	1 to 3 PH	14.40	49100	34.6	48	50	10.80	36900	30.0	42	45
BAYEA(23/BC)15BK1 — Circuit 1 (c) BAYEA(23/BC)15BK1 — Circuit 2	2	9.60	32800	40.0	55	60	7.20	24600	34.6	48	50
		4.80	16400	20.0	25	25	3.60	12300	17.3	22	25
BAYEA(23/BC)20BK1 — Circuit 1 (c) BAYEA(23/BC)20BK1 — Circuit 2	2	9.60	32800	40.0	55	60	7.20	24600	34.6	48	50
		9.60	32800	40.0	50	50	7.20	24600	34.6	43	45

(a) Motor Amps
(b) Represents BK or LG
(c) MCA and MOP for circuit 1 contains the motor amps

Table 15. Model – 5TAMXD06AV41DB

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	0	—	—	5.7(a)	7	15	—	—	5.7(a)	7	15
BAYEA(13/AC)04(b) 1	1	3.84	13100	16.0	27	30	2.88	9800	13.8	24	25
BAYEA(13/AC)05(b)1	1	4.80	16400	20.0	32	35	3.60	12300	17.3	29	30
BAYEA(13/AC)08(b)1	1	7.68	26200	32.0	47	50	5.76	19700	27.7	42	45
BAYEA(13/AC)10(b)1	1	9.60	32800	40.0	57	60	7.20	24600	34.6	50	50
BAYEA(13/AC)10LG3	1 to 3 PH	9.60	32800	23.1	35	35	7.20	24600	20.0	31	35
BAYEA(23/BC)15LG3	1 to 3 PH	14.40	49100	34.6	50	50	10.80	36900	30.0	44	45
BAYEA(23/BC)15BK1 — Circuit 1 (c) BAYEA(23/BC)15BK1 — Circuit 2	2	9.60	32800	40.0	57	60	7.20	24600	34.6	50	50
		4.80	16400	20.0	25	25	3.60	12300	17.3	22	25
BAYEA(23/BC)20BK1 — Circuit 1 (c) BAYEA(23/BC)20BK1 — Circuit 2	2	9.60	32800	40.0	57	60	7.20	24600	34.6	50	50
		9.60	32800	40.0	50	50	7.20	24600	34.6	43	45
BAYEA(33/CC)25BK1 — Circuit 1 (c) BAYEA(33/CC)25BK1 — Circuit 2 BAYEA(33/CC)25BK1 — Circuit 3	3	9.60	32800	40.0	57	60	7.20	24600	34.6	50	50
		9.60	32800	40.0	50	50	7.20	24600	34.6	43	45
		4.80	16400	20.0	25	25	3.60	12300	17.3	22	25

(a) Motor Amps
(b) Represents BK or LG
(c) MCA and MOP for circuit 1 contains the motor amps

Heater Attribute Data

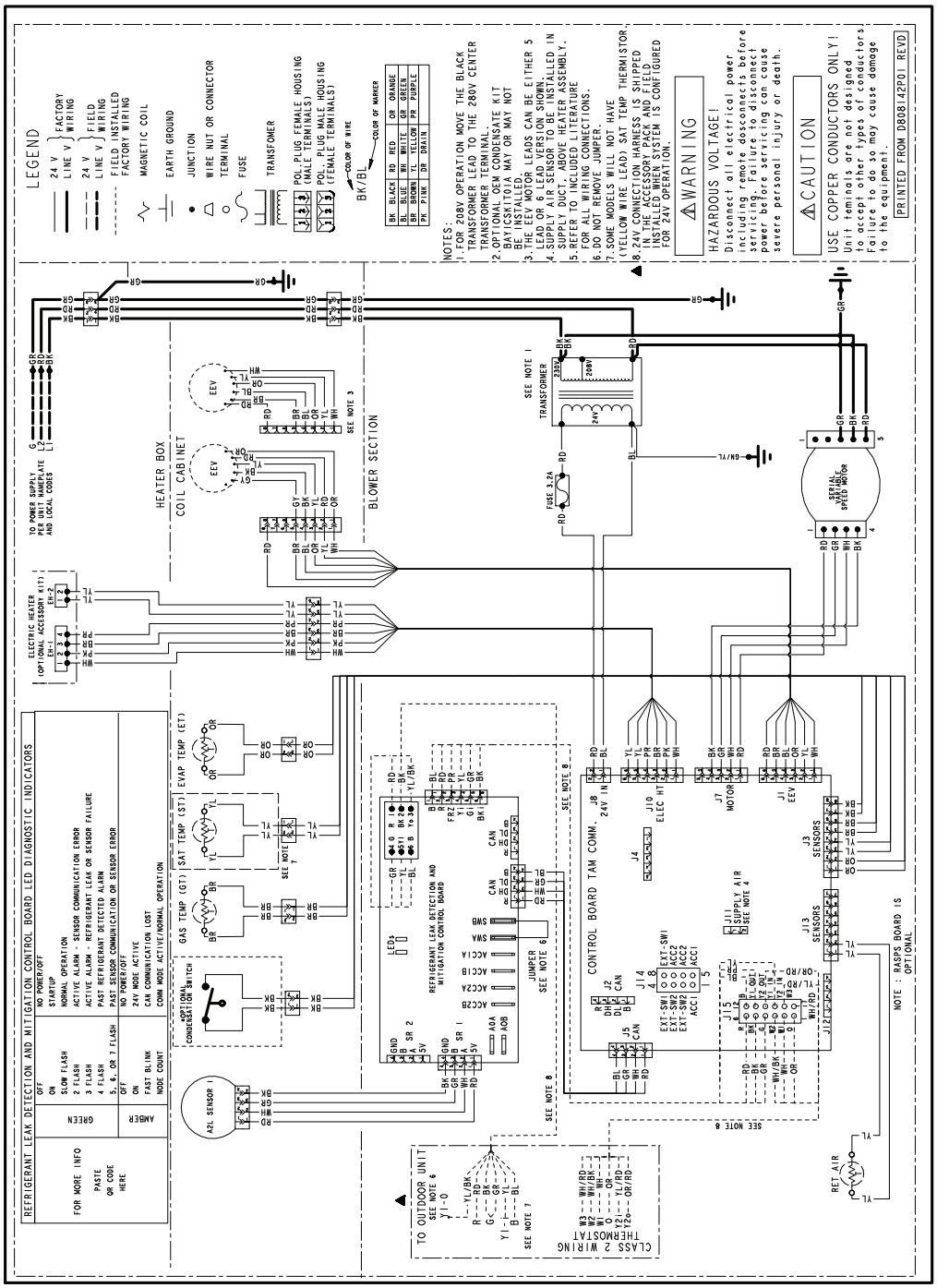
Table 16. Model – 5TAMXD07AV51DB

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	0	—	—	6.9[a]	9	15	—	—	6.9[a]	9	15
BAYEA(13/AC)04[b]1	1	3.84	13100	16.0	29	30	2.88	9800	13.8	26	30
BAYEA(13/AC)05[b]1	1	4.80	16400	20.0	34	35	3.60	12300	17.3	30	30
BAYEA(13/AC)08[b]1	1	7.68	26200	32.0	49	50	5.76	19700	27.7	43	45
BAYEA(13/AC)10[b]1	1	9.60	32800	40.0	59	60	7.20	24600	34.6	52	60
BAYEA(13/AC)10LG3	1 to 3 PH	9.60	32800	23.1	37	40	7.20	24600	20.0	33	35
BAYEA(23/BC)15LG3	1 to 3 PH	14.40	49100	34.6	51	60	10.80	36900	30.0	45	45
BAYEA(23/BC)15BK1 — Circuit 1 [c] BAYEA(23/BC)15BK1 — Circuit 2	2	9.60	32800	40.0	59	60	7.20	24600	34.6	52	60
		4.80	16400	20.0	25	25	3.60	12300	17.3	22	25
BAYEA(23/BC)20BK1 — Circuit 1 [c] BAYEA(23/BC)20BK1 — Circuit 2	2	9.60	32800	40.0	59	60	7.20	24600	34.6	52	60
		9.60	32800	40.0	50	50	7.20	24600	34.6	43	45
BAYEA(33/CC)25BK1 [d] — Circuit 1 [c] BAYEA(33/CC)25BK1 — Circuit 2 BAYEA(33/CC)25BK1 — Circuit 3	3	9.60	32800	40.0	59	60	7.20	24600	34.6	52	60
		9.60	32800	40.0	50	50	7.20	24600	34.6	43	45
		4.80	16400	20.0	25	25	3.60	12300	17.3	22	25

[a] Motor Amps
[b] Represents BK or LG
[c] MCA and MOP for circuit 1 contains the motor amps
[d] Heater not qualified for 208V when installed in horizontal left position without Heat Pump

Wiring Diagram

Figure 2. Wiring diagram



Note: *For refrigerant leak detection and mitigation control board diagnostic flash codes, see the MCB diagnostic code tables in Variable Speed Air Handlers, Convertible, 2 to 5 Ton Installation, Maintenance, and Operation (AHR-SVX007*-EN).*

Figure 3. Link communicating low voltage connection diagrams

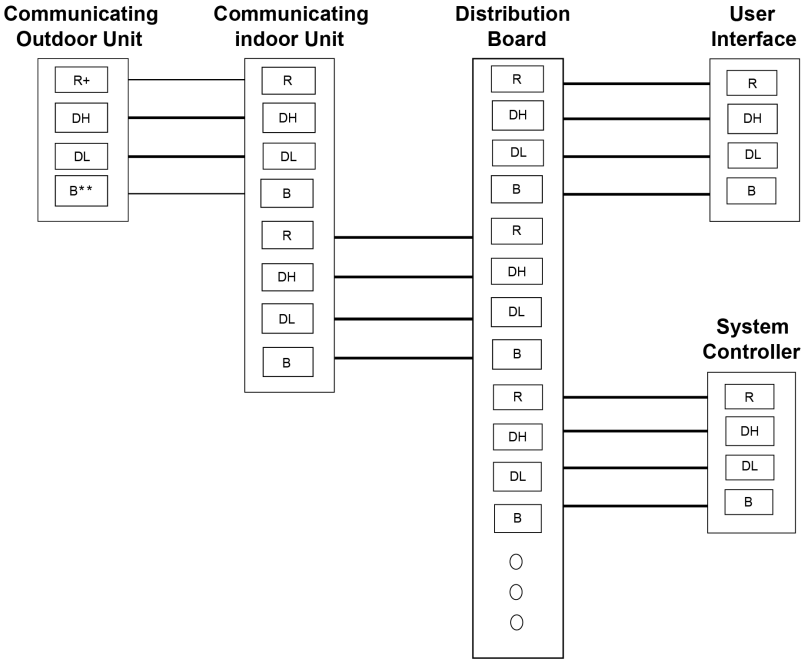


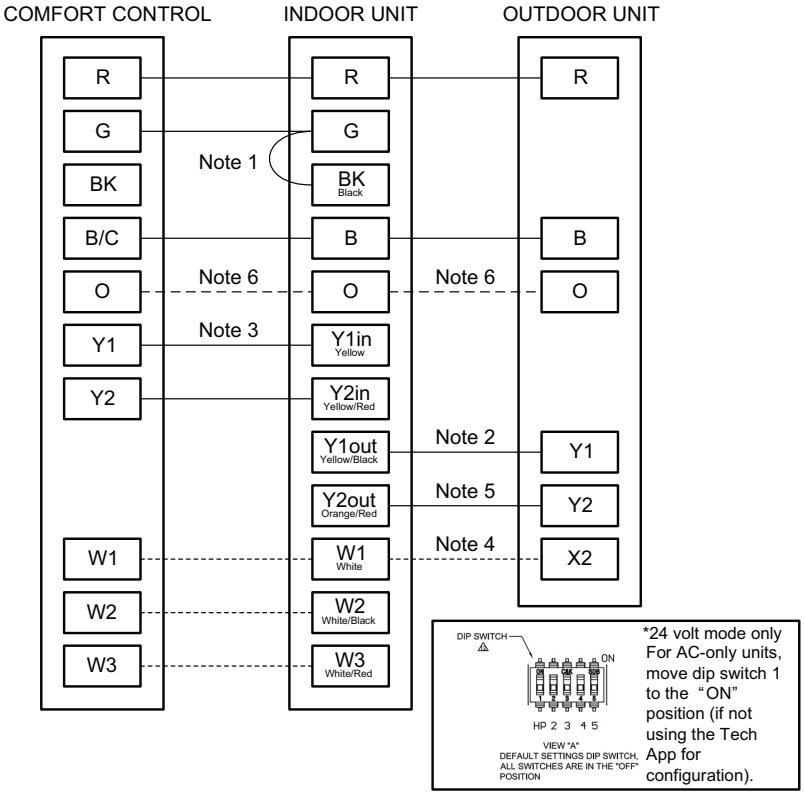
Table 17. Wire colors

R	Red
DH	White
DL	Green
B	Blue

Notes:

- ** — Accessory terminals are dry contact outputs only.*
- *+ R connection to the outdoor unit is required only in applications utilizing an outdoor loadshed device or when using SmartCharge.*
- *** — B connection to the outdoor unit is optional for 2 wire outdoor applications, but is recommended in other applications.*
- *Wire colors are for illustration purposes only. If using a different color, ensure it lands at the correct terminal throughout all of the communicating control wiring.*
- *Drawing is for reference only. Wiring can be done in many different ways.*

Figure 4. 24 volt low voltage wiring - 24v multi- stage system, AC or HP

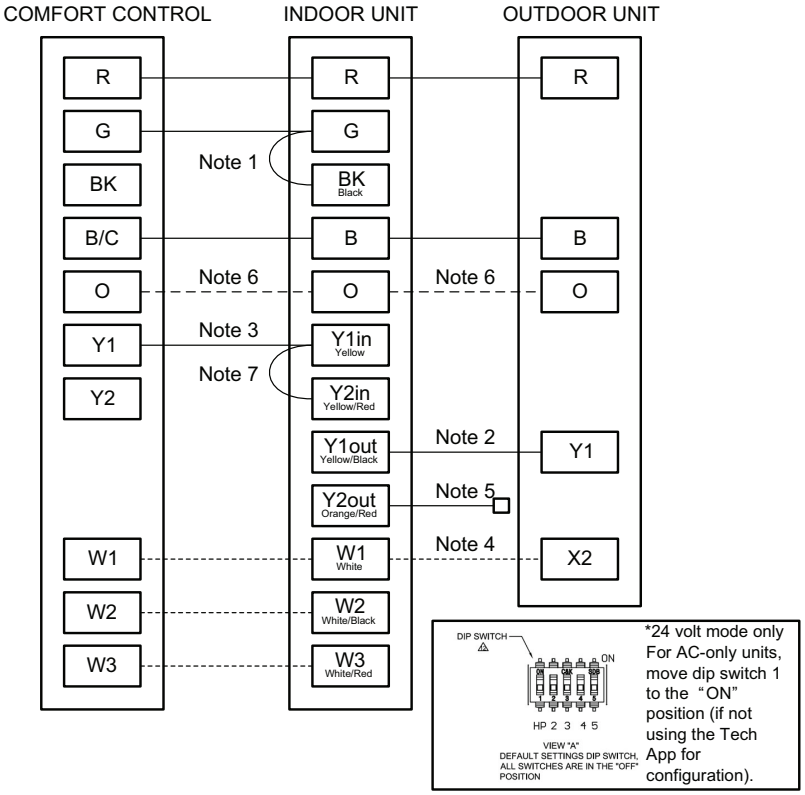


Notes:

- *Separate BK and G wires when using the BK functionality from the thermostat or a humidistat.*
- *Y-in and Y-out connections must be made as shown for refrigerant leak mitigation, freeze protection, and internally mounted condensate overflow circuits to function properly.*
- *3rd party condensate switch should break the Y1-in circuit between the thermostat and indoor unit.*
- *X2 is necessary if not using select Trane or American Standard thermostats.*
- *For single-stage outdoor units, use Y1-out and cap off Y2-out wire.*
- *Only needed for heat pump operation.*
- *For instructions on connecting 24V harness to control boards, see low voltage connection instructions in Variable Speed Air Handlers, Convertible, 2 to 5 Ton Installation, Maintenance, and Operation (AHR-SVX007*-EN).*

Wiring Diagram

Figure 5. 24 volt low voltage wiring - 24v single- stage system, AC or HP



Notes:

- *Separate BK and G wires when using the BK functionality from the thermostat or a humidistat.*
- *Y-in and Y-out connections must be made as shown for refrigerant leak mitigation, freeze protection, and internally mounted condensate overflow circuits to function properly.*
- *3rd party condensate switch should break the Y1-in circuit between the thermostat and indoor unit.*
- *X2 is necessary if not using select Trane or American Standard thermostats.*
- *For single-stage outdoor units, use Y1-out and cap off Y2-out wire.*
- *Only needed for heat pump operation.*
- *For single-stage indoor airflow operation, must connect Y1-in and Y2-in for full airflow.*
- *For instructions on connecting 24V harness to control boards, see low voltage connection instructions in Variable Speed Air Handlers, Convertible, 2 to 5 Ton Installation, Maintenance, and Operation (AHR-SVX007*-EN).*

Table 18. 5TAMX 24 volt wire harness colors

R	Red		Y2out	Orange/Red
B	Blue		G	Green
O	Orange		BK	Black
Y1in	Yellow		W1	White
Y2in	Yellow/Red		W2	White/Black
Y1out	Yellow/ Black		W3	White/Red

Four-Way Conversion

To place the unit in the configuration your application requires (upflow, downflow, horizontal right, or horizontal left), simply turn the unit to that orientation. Remember to adjust the badge and the A2L sensor accordingly.

Notes:

- *The air handlers are shipped from the factory suitable for four-way application.*
- *Entry for low voltage connections is allowed on either side of cabinet.*

Figure 6. Upflow and downflow configuration

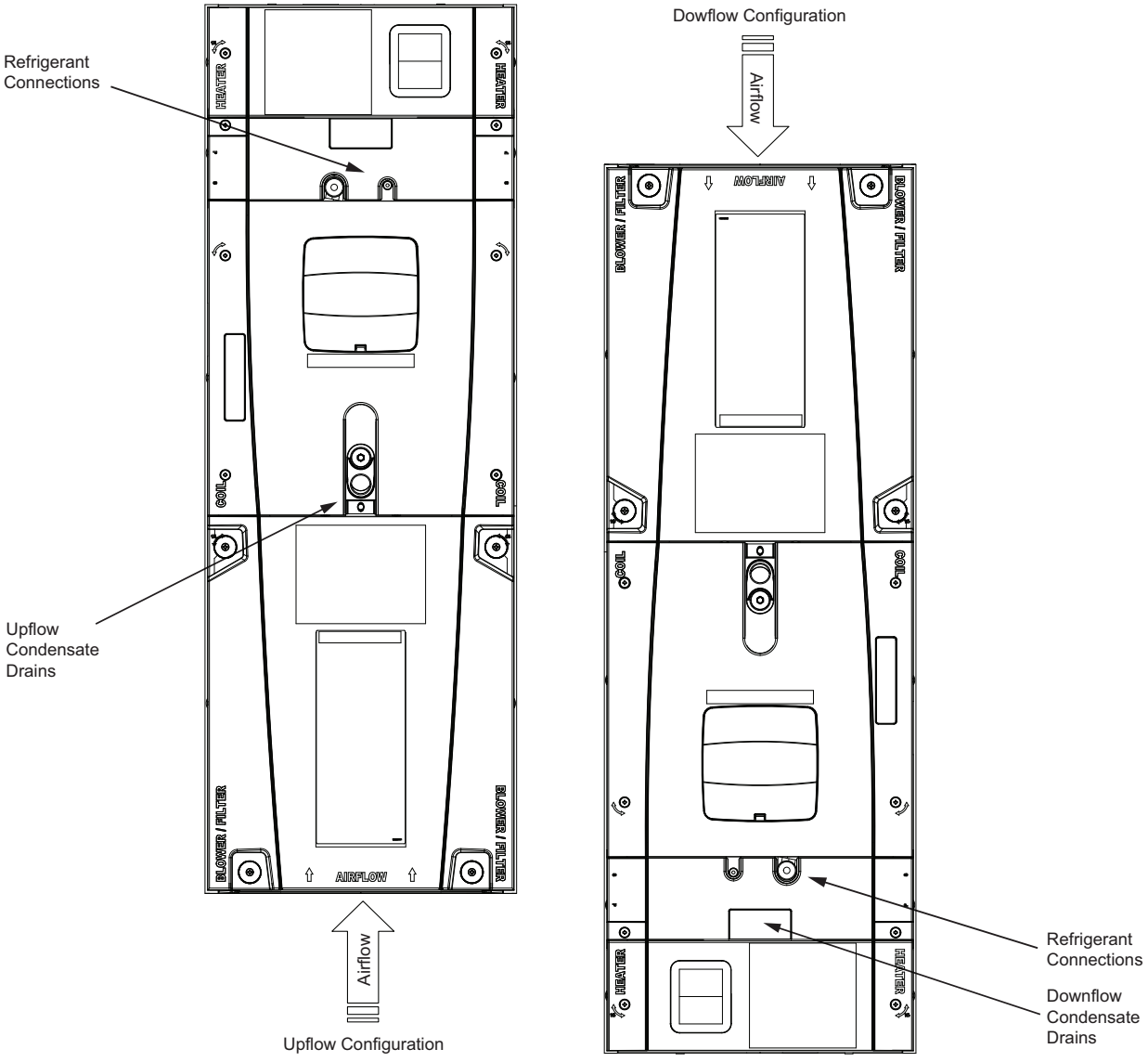
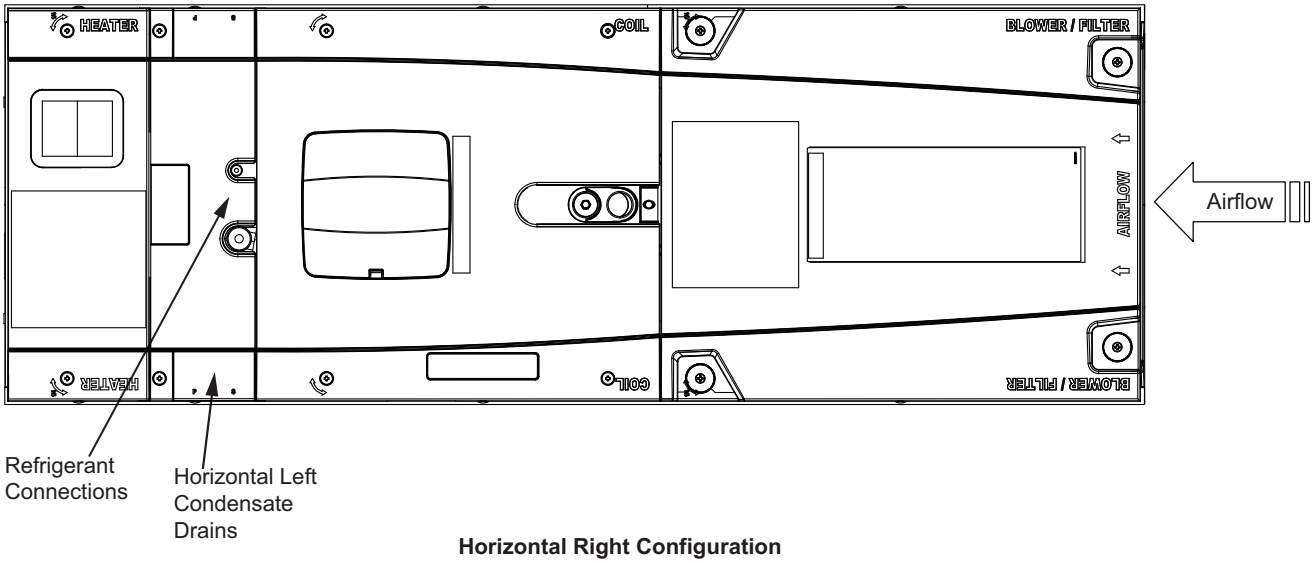
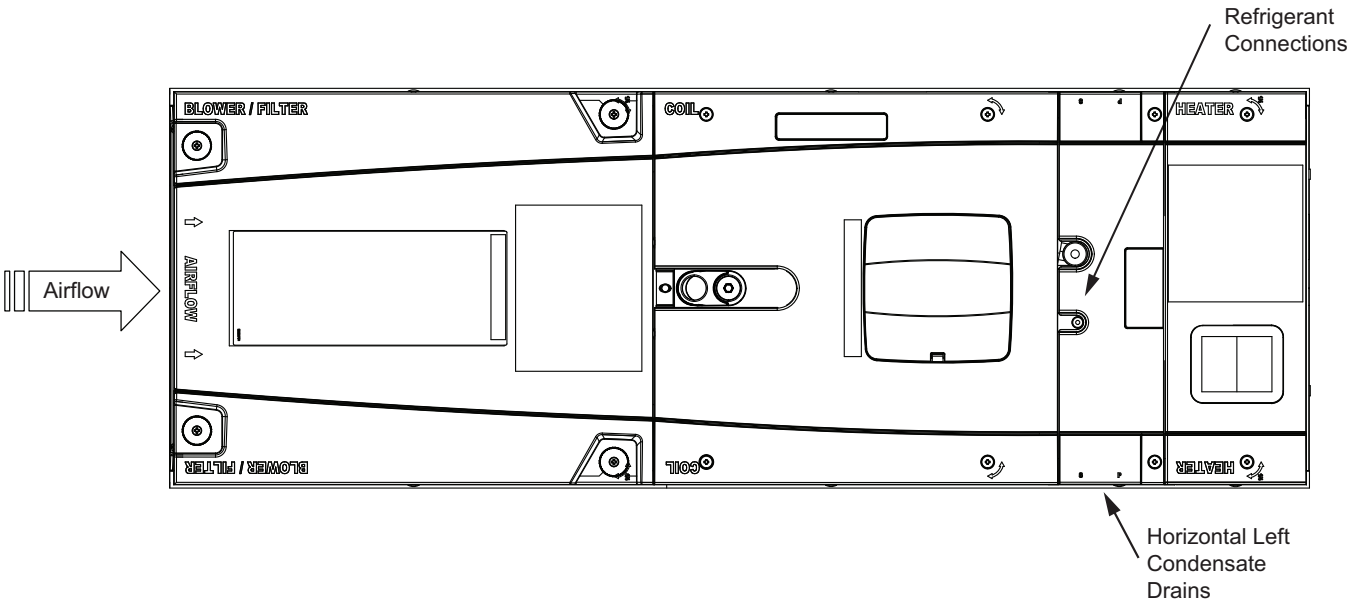


Figure 7. Horizontal left and right configuration

Horizontal Left Configuration



Horizontal Right Configuration



Dimensional Data

Figure 8. Unit dimensions

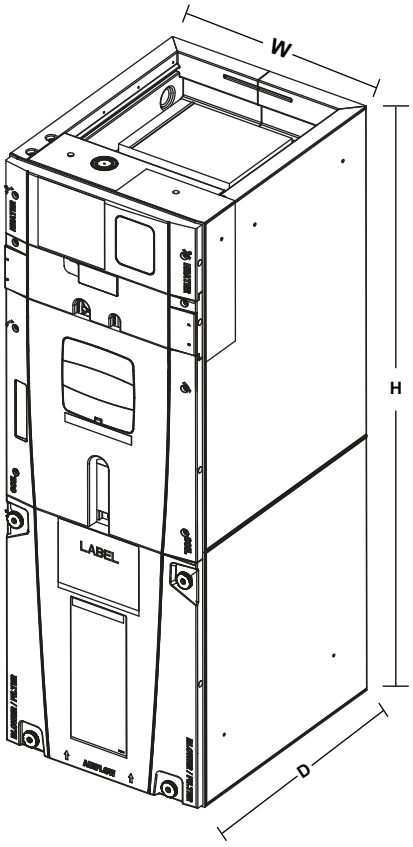
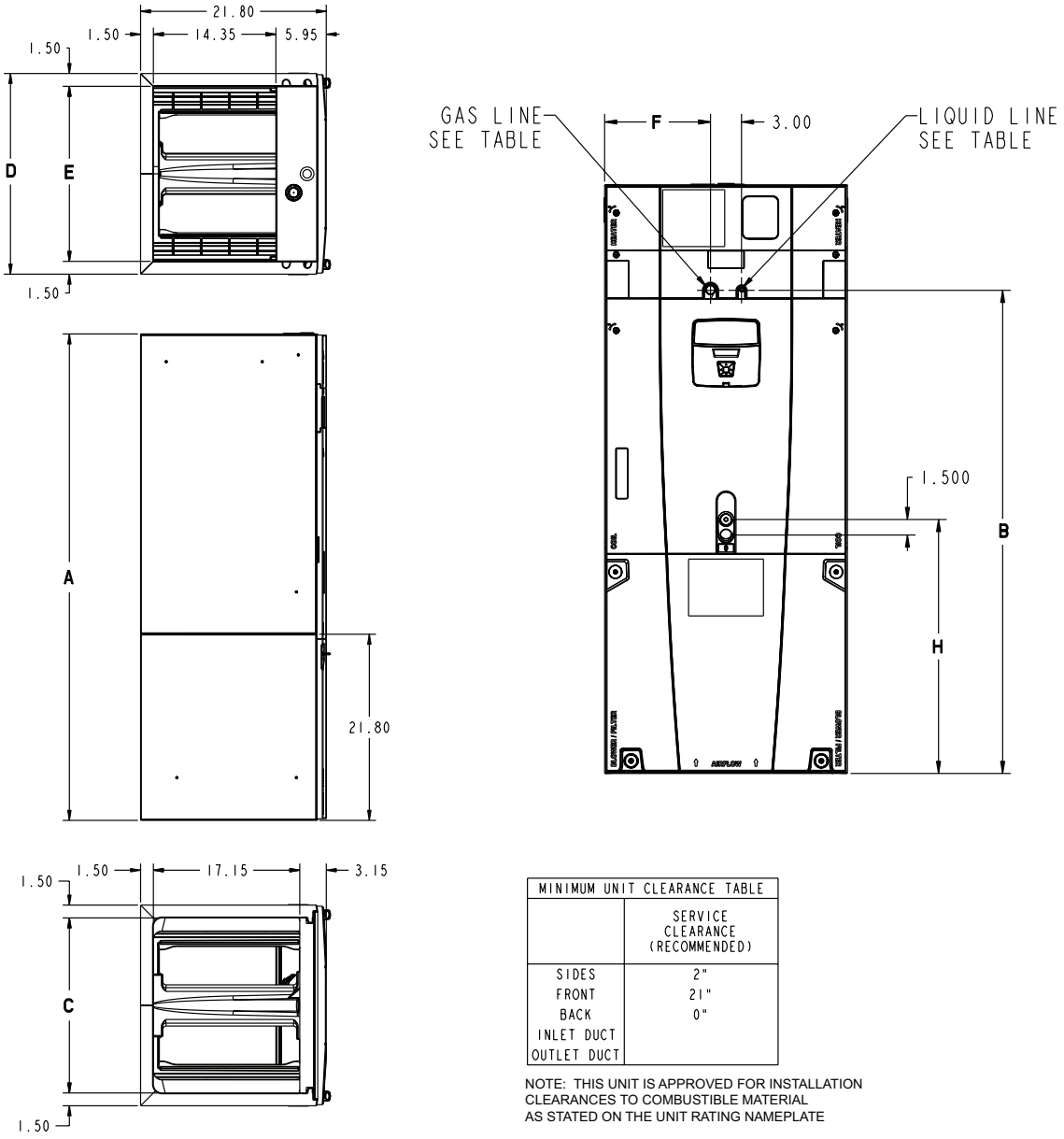


Table 19. Unit dimensions (inches)

Model Number	H x W x D
5TAMXB02	49-7/8 x 17-1/2 x 21-3/4
5TAMXC03	55-3/4 x 21-1/4 x 21-3/4
5TAMXD04	56-7/8 x 23-1/2 x 21-3/4
5TAMXD05	61-3/4 x 23-1/2 x 21-3/4
5TAMXD06	61-3/4 x 23-1/2 x 21-3/4
5TAMXD07	61-3/4 x 23-1/2 x 21-3/4

Dimensional Data

Figure 9. Dimensions



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

NOTE: THIS UNIT IS APPROVED FOR INSTALLATION CLEARANCES TO COMBUSTIBLE MATERIAL AS STATED ON THE UNIT RATING NAMEPLATE

Table 20. Dimensions (inches)

Model Number	A	B	C	D	E	F	H	Flow Control	Gas Line Braze	Liq Line Braze
5TAMXB02	49.9	39.6	14.5	17.5	14.5	7.3	24.4	EEV	3/4	3/8
5TAMXC03	55.7	45.5	18.4	21.3	18.4	9.2	24.8	EEV	3/4	3/8
5TAMXD04	56.9	46.7	20.5	23.5	20.5	10.3	24.2	EEV	7/8	3/8
5TAMXD05	61.7	51.5	20.5	23.5	20.5	10.3	24.5	EEV	7/8	3/8
5TAMXD06	61.7	51.5	20.5	23.5	20.5	10.3	24.9	EEV	7/8	3/8
5TAMXD07	61.7	51.5	20.5	23.5	20.5	10.3	24.9	EEV	7/8	3/8

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AHR-PSD002B-EN 21 Oct 2025
Supersedes AHR-PSD002A-EN (June 2025)