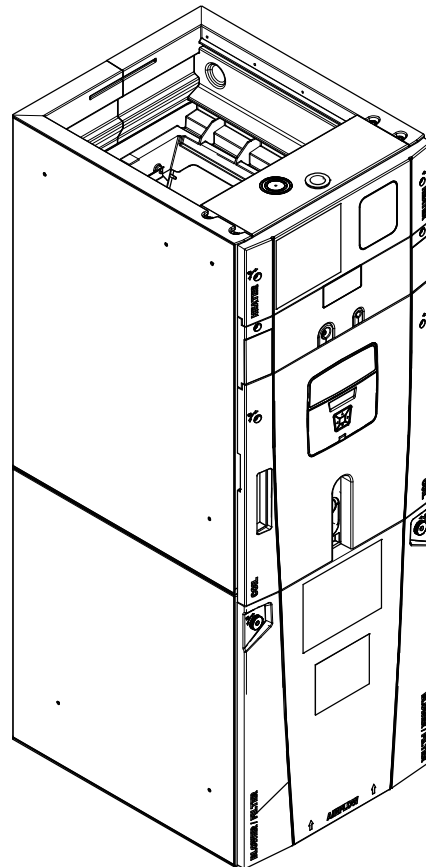


Variable Speed Outdoor Compatible Convertible Air Handlers 2-5 Tons

Black Epoxy Coil
TAM8C0A24V21EA
TAM8C0B30V21EA
TAM8C0C36V31EA
TAM8C0C42V31EA
TAM8C0C48V41EA
TAM8C0C60V51EA

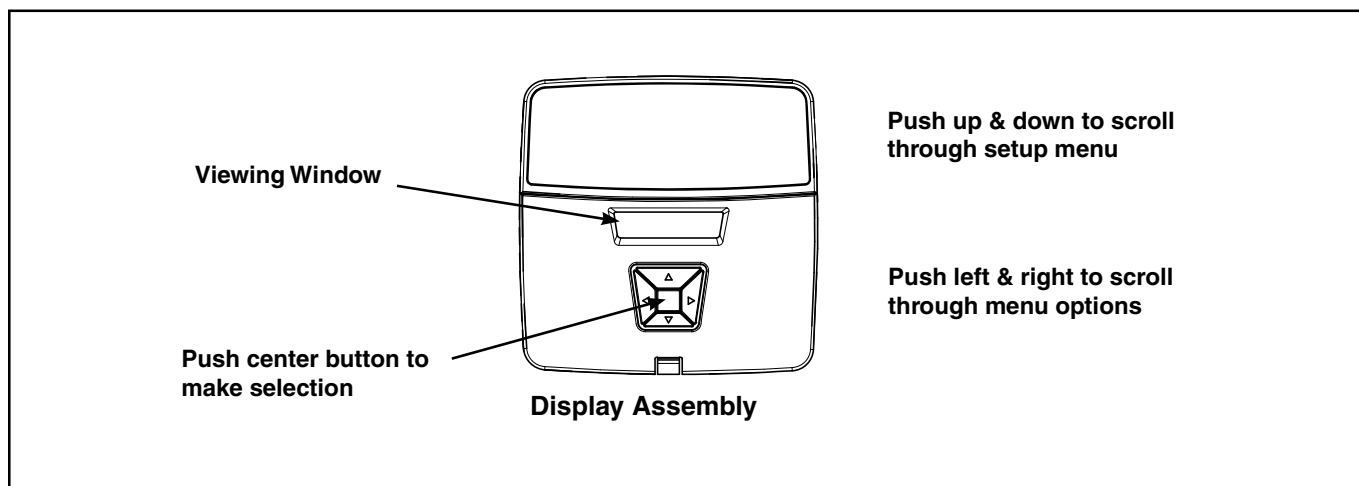
Standard Coil
TAM8C0A24V21CB
TAM8C0B30V21CB
TAM8C0C36V31CB
TAM8C0C42V31CB
TAM8C0C48V41CB
TAM8C0C60V51CB



**IMPORTANT: AZONE850/950
communicating thermostats
MUST be used for Variable
Speed Outdoor units.**

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 foamed cabinet doors
 - Water proof cabinet design
 - Integrated horizontal drain pans
 - Modular cabinet
- Multi-position up/down flow horizontal left/right
- 3 Wire communication
- Display Assembly with enhanced diagnostic information and setup capability
- Side return option (sold as accessory)
- Control board protection pocket built into cabinet wall
- Premarked Conduit Connection Locations
- Alert port to view control board codes without door removal
- 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
- Dual refrigerant compatible as shipped
- 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" 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"
- Compact 20.8" depth with doors removed
- Fused 24v power
- Safety door switch
- **5 year warranty**
- **10-year warranty registered**
- **Optional extended warranty available**



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TAM8C0C42V31CB	6
TAM8C0C42V31EA	6
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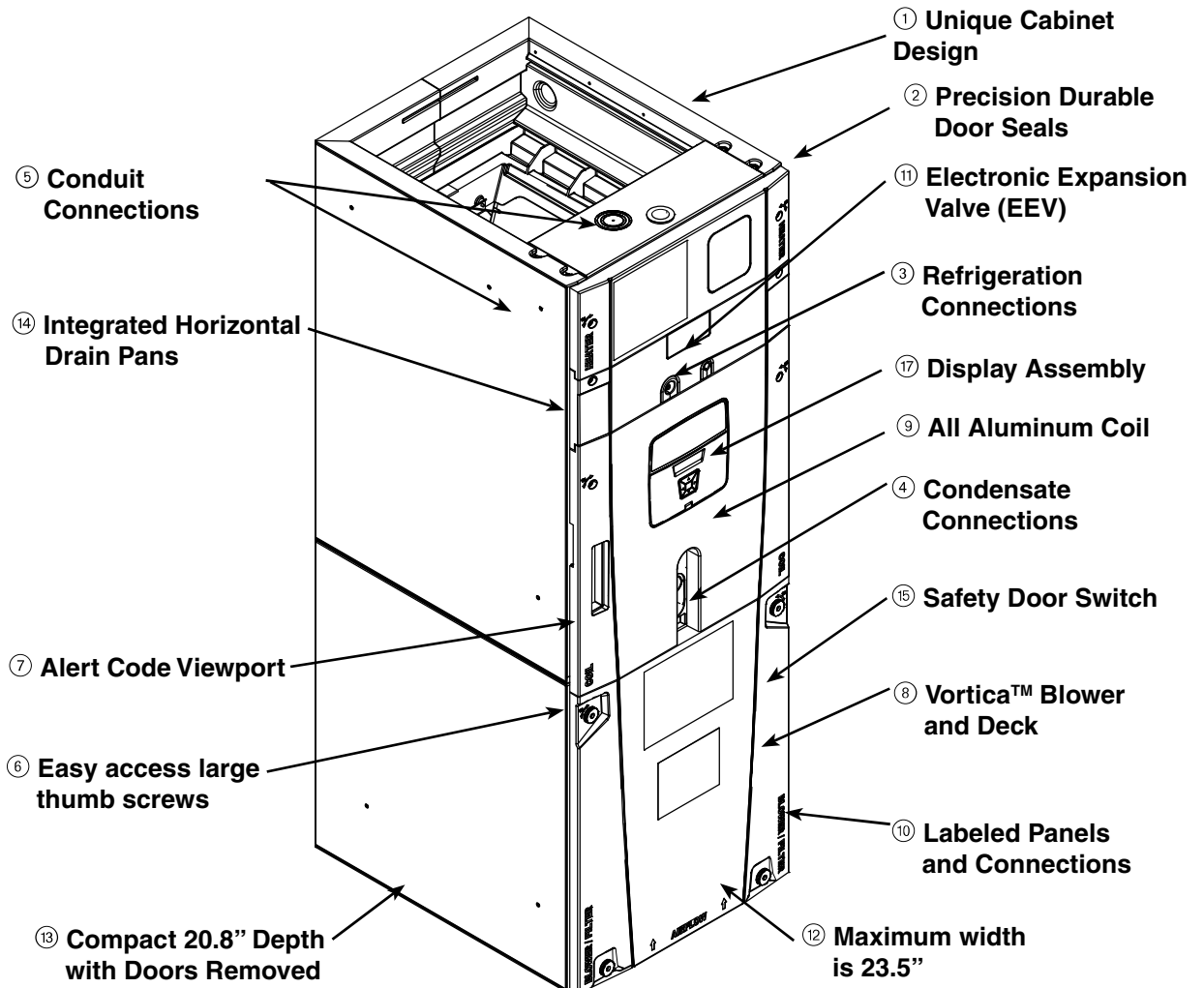
Optional Equipment

OPTIONAL EQUIPMENT FOR AIR HANDLERS

Accessory Number	Description	Fits Cabinet Size
BAYEVAC04BK1	Electric Heater, 4kW, Breaker, RS-485 Control, 1 Ph	A to C
BAYEVAC04LG1	Electric Heater, 4kW, Lugs, RS-485 Control, 1 Ph	A to C
BAYEVAC05BK1	Electric Heater, 5kW, Breaker, RS-485 Control, 1 Ph	A to C
BAYEVAC05LG1	Electric Heater, 5kW, Lugs, RS-485 Control, 1 Ph	A to C
BAYEVAC08BK1	Electric Heater, 8kW, Breaker, RS-485 Control, 1 Ph	A to C
BAYEVAC08LG1	Electric Heater, 8kW, Lugs, RS-485 Control, 1 Ph	A to C
BAYEVAC10BK1	Electric Heater, 10kW, Breaker, RS-485 Control, 1 Ph	A to C
BAYEVAC10LG1	Electric Heater, 10kW, Lugs, RS-485 Control, 1 Ph	A to C
BAYEVC15BK1	Electric Heater, 15kW, Breaker, RS-485 Control, 1 Ph	B to C
BAYEVC20BK1	Electric Heater, 20kW, Breaker, RS-485 Control, 1 Ph	C
BAYEVCC25BK1	Electric Heater, 25kW, Breaker, RS-485 Control, 1 Ph	C
BAYEVAC10LG3	Electric Heater, 10kW, Lugs, RS-485 Control, 3 Ph	A to C
BAYEVC15LG3	Electric Heater, 15kW, Lugs, RS-485 Control, 3 Ph	B to C
BAYSUPFLGAA	Supply Duct Flange A	A
BAYSUPFLGBA	Supply Duct Flange B	B
BAYSUPFLGCA	Supply Duct Flange C	C
BAYRETFLGAA	Return Duct Flange A	A
BAYRETFLGBA	Return Duct Flange B	B
BAYRETFLGCA	Return Duct Flange C	C
BAYSRKIT100A	Side Return Kit	A to C
BAYFLR1620A	High Velocity Filter Kit, 16" X 20' X 1" (10 filters)	A
BAYFLR2020A	High Velocity Filter Kit, 20" X 20' X 1" (10 filters)	B
BAYFLR2220A	High Velocity Filter Kit, 22" X 20' X 1" (10 filters)	C
TASB175SB	Plenum Stand with integrated sound baffle A	A
TASB215SB	Plenum Stand with integrated sound baffle B	B
TASB235SB	Plenum Stand with integrated sound baffle C	C
MITSRKIT1620	Side Return Kit with Filter	A to C
BAYFRKIT175	Front Return Kit for 17.5" Cabinet	A
BAYFRKIT210	Front Return Kit for 21.0" Cabinet	B
BAYFRKIT235	Front Return Kit for 23.5" Cabinet	C
BAYBAFKT175A	Sound Baffle Kit - 17.5" Cabinet	A
BAYBAFKT215A	Sound Baffle Kit - 21.0" Cabinet	B
BAYBAFKT235A	Sound Baffle Kit - 23.5" Cabinet	C
TASSBK175	Sound Baffle Kit for 17.5" Cabinet	
TASSBK210	Sound Baffle Kit for 21.0" Cabinet	
TASSBK235	Sound Baffle Kit for 23.5" Cabinet	
BAYICSKIT01A	Internal Condensate Switch Kit	A to C
BAYHHKIT001A	Horizontal Hanger Kit	A to C
BAYUVCLK001A	UV Lights	A to C
BAYLVKIT100A	Low Voltage Conduit Entry Kit	A to C
BAYSPEKT200A	Single Point Power Entry Kit	A to C
BAYWVAA05SC1AA*	Hydronic Coil - 50,000 BTUH - Slide-in with control	A to A
BAYWVBB07SC1AA*	Hydronic Coil - 70,000 BTUH - Slide-in with control	B to B
BAYWVCC08SC1AA*	Hydronic Coil - 80,000 BTUH - Slide-in with control	C to C
BAYWACC11SC1AA*	Hydronic Coil - 100,000 BTUH - Add-on	C to C
BAYWVBRD485	RS-485 Control for BAYWACC11SC1AA	C to C
BAYCC24VK01A	Outdoor unit Comm to 24 VAC kit	A to C
BAYINSKT175A	Solcoustic® Liner Kit - 17.5" Cabinet	A
BAYINSKT215A	Solcoustic® Liner Kit - 21.5" Cabinet	B
BAYINSKT235A	Solcoustic® Liner Kit - 23.5" Cabinet	C
BAYCNDPIP01A	3/4" PVC Threaded Pipe Kit foam seal (10 per box)	A to C

* The TCONT900 thermostat cannot be used with a Hydronic Coil or a Variable Speed Outdoor Unit

Unique Cabinet Design Features and Benefits



① Unique Cabinet Design

- Double wall foamed cabinet system
- Waterproof Cabinet Design
- R-4.2 Insulating Value (Avg Insulating Value R-8.2)
- Composite Foamed 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 Alert Code Viewport

- Alert Codes can be Viewed Without Door Removal
- Control Protection Pocket

⑧ Vortica™ Blower and Deck - Polarized Plug on Blower

⑨ All Aluminum Coil

- Integrated Slide Deck for Easy Removal
- Polarized Plug connections on Coil EEV
- Patented Enhanced Coil Fin

⑩ Labeled Panels and Connections

⑪ Electronic Expansion Valve (EEV)

- Low Ambient and Low Superheat Protection
- Dual Refrigerant Compatible as Shipped

⑫ Maximum width is 23.5"

⑬ Compact 20.8" Depth with Doors Removed

⑭ Integrated Horizontal Drain Pans

⑮ Safety Door Switch - Fused 24V Power

⑯ Modular Cabinet

⑰ Display Assembly

- Display Assembly with enhanced diagnostic information and setup capability
- Status Mode scrolling on Display Assembly

General Data

PRODUCT SPECIFICATIONS

MODEL	TAM8C0A24V21CB TAM8C0A24V21EA	TAM8C0B30V21CB TAM8C0B30V21EA	TAM8C0C36V31CB TAM8C0C36V31EA
RATED VOLTS/PH/HZ.	200-230/1/60	200-230/1/60	200-230/1/60
RATINGS ①	See O.D. Specifications	See O.D. Specifications	See O.D. Specifications
INDOOR COIL — Type	Plate Fin	Plate Fin	Plate Fin
Rows — F.P.I.	3 - 14	3 - 14	3 - 14
Face Area (sq. ft.)	3.67	5.04	5.50
Tube Size (in.)	3/8	3/8	3/8
Refrigerant Control	EEV	EEV	EEV
Drain Conn. Size (in.) ②	3/4 NPT	3/4 NPT	3/4 NPT
DUCT CONNECTIONS	See Outline Drawing	See Outline Drawing	See Outline Drawing
INDOOR FAN — Type	Centrifugal	Centrifugal	Centrifugal
Diameter-Width (In.)	11 X 8	11 X 10	11 X 10
No. Used	1	1	1
Drive - No. Speeds	Direct - Variable	Direct - Variable	Direct - Variable
CFM vs. in. w.g.	See Fan Performance Table	See Fan Performance Table	See Fan Performance Table
No. Motors — H.P.	1 - 1/2	1 - 1/2	1 - 1/2
Motor Speed R.P.M.	Variable ECM	Variable ECM	Variable ECM
Volts/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60
F.L. Amps	3.0 - 3.9 ③	3.0 - 3.9 ③	3.0 - 3.9 ③
FILTER			
Filter Furnished?	No	No	No
Type Recommended	Throwaway	Throwaway	Throwaway
No.-Size-Thickness	1 - 16 X 20 - 1 in.	1 - 20 X 20 - 1 in.	1 - 22 X 20 - 1 in.
REFRIGERANT	R-410A	R-410A	R-410A
Ref. Line Connections	Brazed	Brazed	Brazed
Coupling or Conn. Size — in. Gas	3/4	3/4	7/8
Coupling or Conn. Size — in. Liq.	3/8	3/8	3/8
DIMENSIONS	H x W x D	H x W x D	H x W x D
Crated (In.)	51 x 20 x 24.5	56.8 x 23.5 x 24.5	58 x 25.5 x 24.5
Uncrated	49.9 x 17.5 x 21.8	55.7 x 21.3 x 21.8	56.9 x 23.5 x 21.8
WEIGHT			
Shipping (Lbs.)/Net (Lbs.)	126/116	150/138	157/146

PRODUCT SPECIFICATIONS

MODEL	TAM8C0C42V31CB TAM8C0C42V31EA	TAM8C0C48V41CB TAM8C0C48V41EA	TAM8C0C60V51CB TAM8C0C60V51EA
RATED VOLTS/PH/HZ.	200-230/1/60	200-230/1/60	200-230/1/60
RATINGS ①	See O.D. Specifications	See O.D. Specifications	See O.D. Specifications
INDOOR COIL — Type	Plate Fin	Plate Fin	Plate Fin
Rows — F.P.I.	4 - 14	4 - 14	4 - 14
Face Area (sq. ft.)	5.04	5.96	5.96
Tube (in.)	3/8	3/8	3/8
Refrigerant Control	EEV	EEV	EEV
Drain Conn. Size (in.) ②	3/4 NPT	3/4 NPT	3/4 NPT
DUCT CONNECTIONS	See Outline Drawing	See Outline Drawing	See Outline Drawing
INDOOR FAN — Type	Centrifugal	Centrifugal	Centrifugal
Diameter-Width (In.)	11 X 10	11 X 10	11 X 10
No. Used	1	1	1
Drive - No. Speeds	Direct - Variable	Direct - Variable	Direct - Variable
CFM vs. in. w.g.	See Fan Performance Table	See Fan Performance Table	See Fan Performance Table
No. Motors — H.P.	1 - 1/2	1 - 3/4	1 - 1
Motor Speed R.P.M.	Variable ECM	Variable ECM	Variable ECM
Volts/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60
F.L. Amps	3.0 - 3.9 ③	4.2	5.5
FILTER			
Filter Furnished?	No	No	No
Type Recommended	Throwaway	Throwaway	Throwaway
No.-Size-Thickness	1 - 22 X 20 - 1 in.	1 - 22 X 20 - 1 in.	1 - 22 X 20 - 1 in.
REFRIGERANT	R-410A	R-410A	R-410A
Ref. Line Connections	Brazed	Brazed	Brazed
Coupling or Conn. Size — in. Gas	7/8	7/8	7/8
Coupling or Conn. Size — in. Liq.	3/8	3/8	3/8
DIMENSIONS	H x W x D	H x W x D	H x W x D
Crated (In.)	58 x 25.5 x 24.5	62.8 x 25.5 x 24.5	62.8 x 25.5 x 24.5
Uncrated	56.9 x 23.5 x 21.8	61.7 x 23.5 x 21.8	61.7 x 23.5 x 21.8
WEIGHT			
Shipping (Lbs.)/Net (Lbs.)	162/150	174/162	175/163

① These Air Handlers are AHRI, 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)

③ Check motor nameplate for actual FLA.

TAM8C0A24 AIRFLOW PERFORMANCE CONSTANT CFM MODE / CONSTANT TORQUE MODE														
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	
1.5 tons	290 CFM/ton	CFM Watts	407 / 546	430 / 403	398 / NA	347 / NA	255 / NA	290 CFM/ton	CFM Watts	416	426	401	330	291
	350 CFM/ton	CFM Watts	534 / 630	549 / 531	542 / 360	509 / NA	445 / NA	350 CFM/ton	CFM Watts	532	550	542	507	434
	400 CFM/ton	CFM Watts	617 / 697	633 / 617	632 / 501	604 / NA	556 / NA	400 CFM/ton	CFM Watts	37	69	101	129	152
	450 CFM/ton	CFM Watts	691 / 762	710 / 693	707 / 602	688 / 478	649 / NA	450 CFM/ton	CFM Watts	660	680	679	658	614
	290 CFM/ton	CFM Watts	593 / 680	613 / 595	607 / 470	583 / 208	527 / 132	290 CFM/ton	CFM Watts	62	99	136	169	197
	350 CFM/ton	CFM Watts	717 / 783	733 / 717	733 / 632	714 / 519	678 / 355	350 CFM/ton	CFM Watts	690	710	709	690	651
2 tons †	400 † CFM/ton	CFM Watts	810 / 868	827 / 811	827 / 740	813 / 652	782 / 543	400 † CFM/ton	CFM Watts	69	108	145	180	208
	450 CFM/ton	CFM Watts	903 / 954	918 / 902	920 / 839	909 / 764	884 / 674	450 CFM/ton	CFM Watts	75	115	153	189	218
	290 CFM/ton	CFM Watts	741 / 820	757 / 759	757 / 681	739 / 582	705 / 452	290 CFM/ton	CFM Watts	593	613	608	582	527
	350 CFM/ton	CFM Watts	880 / 947	896 / 895	896 / 832	885 / 757	859 / 665	350 CFM/ton	CFM Watts	48	82	116	147	172
	400 CFM/ton	CFM Watts	996 / 1059	1011 / 1011	1014 / 954	1006 / 887	985 / 807	400 CFM/ton	CFM Watts	714	734	734	716	679
	450 CFM/ton	CFM Watts	1120 / 1180	1135 / 1134	1137 / 1081	1129 / 1019	1108 / 946	450 CFM/ton	CFM Watts	75	115	153	189	218
2.5 tons	290 CFM/ton	CFM Watts	86 / 110	126 / 127	166 / 141	202 / 152	232 / 159	290 CFM/ton	CFM Watts	738	757	758	742	707
	350 CFM/ton	CFM Watts	134 / 162	182 / 181	226 / 198	267 / 211	302 / 220	350 CFM/ton	CFM Watts	81	122	162	198	229
	400 CFM/ton	CFM Watts	188 / 220	241 / 240	291 / 257	336 / 271	375 / 280	400 CFM/ton	CFM Watts	876	895	898	888	864
	450 CFM/ton	CFM Watts	996 / 1059	1011 / 1011	1014 / 954	1006 / 887	985 / 807	450 CFM/ton	CFM Watts	127	174	220	261	297
	290 CFM/ton	CFM Watts	741 / 820	757 / 759	757 / 681	739 / 582	705 / 452	290 CFM/ton	CFM Watts	1064	1083	1089	1084	1066
	350 CFM/ton	CFM Watts	880 / 947	896 / 895	896 / 832	885 / 757	859 / 665	350 CFM/ton	CFM Watts	215	272	326	375	418
3 tons	290 CFM/ton	CFM Watts	120 / 1180	1135 / 1134	1137 / 1081	1129 / 1019	1108 / 946	290 CFM/ton	CFM Watts	1115	1133	1139	1133	1116
	350 CFM/ton	CFM Watts	260 / 297	319 / 317	373 / 334	422 / 347	463 / 355	350 CFM/ton	CFM Watts	244	304	360	410	453
	400 CFM/ton	CFM Watts	875 / 943	891 / 891	892 / 828	880 / 751	854 / 659	400 CFM/ton	CFM Watts	871	890	894	883	859
	450 CFM/ton	CFM Watts	1045 / 1106	1060 / 1059	1063 / 1004	1055 / 939	1035 / 862	450 CFM/ton	CFM Watts	125	172	217	259	295
	290 CFM/ton	CFM Watts	315 / 354	376 / 374	432 / 390	480 / 402	481 / 409	290 CFM/ton	CFM Watts	1040	1058	1064	1059	1041
	350 CFM/ton	CFM Watts	447 / 484	482 / 502	472 / 517	466 / 527	460 / 531	350 CFM/ton	CFM Watts	202	257	310	359	401

NOTES:
1. † Factory Setting
2. Status LED will blink once per 100 CFM requested. In torque mode, actual airflow may be lower.
3. Torque mode will reduce airflow when static is above approximately 0.3" water column.
4. All heating modes default to Constant CFM.
5. Cooling airflow values are with wet coil, no filter

TAM8C0A24 Minimum Heating Airflow Settings

MINIMUM HEATER AIRFLOW CFM - HEATER MATRIX				
MODEL NO.	BAYEVAC04BK1 BAYEVAC04LG1 BAYEVAC05BK1 BAYEVAC05LG1	BAYEVAC10BK1 BAYEVAC10LG1	BAYEVAC10LG3	BAYEVCB15LG3
TAM8C0A24V21	638/713	675 @ / 800	600/713	—
WITHOUT HEAT PUMP / WITH HP SEE AIR HANDLER NAMEPLATE FOR APPROVED COMBINATIONS Ⓞ Heater not qualified for 208V when installed in horizontal left position without Heat Pump				

NOTE: Minimum auxiliary heating airflow is automatically configured by the air handler model and the auxiliary heater model number. This is not field adjustable.

TAM8C0B30 AIRFLOW PERFORMANCE CONSTANT CFM MODE / CONSTANT TORQUE MODE														
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	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
	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
2 tons †	400 † 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 † 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
	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	746 88	735 126	723 164	706 201
2.5 tons	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
	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
3 tons	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 / 347	450 CFM/ton	CFM Watts	1338 221	1363 299	1368 369	1350 427	1314 472

NOTES:

- † Factory Setting
- 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" water column.
- All heating modes default to Constant CFM.
- Cooling airflow values are with wet coil, no filter

TAM8C0B30 Minimum Heating Airflow Settings

MINIMUM HEATER AIRFLOW CFM - HEATER MATRIX			
MODEL NO.	BAYEVA04BK1 BAYEVA04LG1 BAYEVA05BK1 BAYEVA05LG1	BAYEVA10BK1 BAYEVA10LG1	BAYEVA15LG3 BAYEVA15BK1
TAM8C0B30V21	723/808	765/1020 680/808	850/1105 765/1063
WITHOUT HEAT PUMP / WITH HP			
SEE AIR HANDLER NAMEPLATE FOR APPROVED COMBINATIONS			

NOTE: Minimum auxiliary heating airflow is automatically configured by the air handler model and the auxiliary heater model number. This is not field adjustable.

TAM8C0C36 AIRFLOW PERFORMANCE CONSTANT CFM MODE / CONSTANT TORQUE MODE														
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	
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	555 87	549 119	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	901 159	906 204	907 248
	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
2.5 tons	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 238	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
	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 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
3 tons †	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 † 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
	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
3.5 tons	450 CFM/ton	CFM Watts	1579 / 1669 326 / 375	1583 / 1587 402 / 402	1567 / 1502 464 / 423	1474 / 1413 475 / 437	1357 / 1320 488 / 444	450 CFM/ton	CFM Watts	1499 268	1508 342	1586 460	1504 478	1387 472

NOTES:

- † Factory Setting
- 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" water column.
- All heating modes default to Constant CFM.
- Cooling airflow values are with wet coil, no filter

TAM8C0C36 Minimum Heating Airflow Settings

MINIMUM HEATER AIRFLOW CFM - HEATER MATRIX			
MODEL NO.	BAYEVA04BK1 BAYEVA04LG1 BAYEVA05BK1 BAYEVA05LG1	BAYEVAC10BK1 BAYEVAC10LG1	BAYEVCB15LG3 BAYEVCB15BK1
TAM8C0C36V31	876/979	824/979 927/1236	927/1288 1030/1339
WITHOUT HEAT PUMP / WITH HP SEE AIR HANDLER NAMEPLATE FOR APPROVED COMBINATIONS			

NOTE: Minimum auxiliary heating airflow is automatically configured by the air handler model and the auxiliary heater model number. This is not field adjustable.

**TAM8C0C42 AIRFLOW PERFORMANCE
CONSTANT CFM MODE / CONSTANT TORQUE MODE**

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						
			Watts	CFM	Watts	CFM	Watts	CFM			Watts	CFM	Watts	CFM	Watts	CFM	Watts	CFM	Watts	CFM	Watts	CFM	Watts	CFM	Watts	CFM			
2.5 tons	290 CFM/ton	CFM 48 / 77	747 / 905	743 / 764	742 / 591	741 / 342	739 / NA	290 CFM/ton	CFM 51	744	741	740	738	734	290 CFM/ton	CFM 51	744	741	740	738	734	290 CFM/ton	CFM 51	744	741	740	738	734	
	370 CFM/ton	CFM 80 / 118	937 / 1072	942 / 956	946 / 823	947 / 655	944 / 458	350 CFM/ton	CFM 76	889	892	894	894	890	350 CFM/ton	CFM 76	889	892	894	894	890	350 CFM/ton	CFM 76	889	892	894	894	890	
	400 CFM/ton	CFM 95 / 138	1006 / 1136	1014 / 1027	1020 / 903	1022 / 760	1019 / 586	400 CFM/ton	CFM 103	1006	1016	1018	1019	1016	400 CFM/ton	CFM 103	1006	1016	1018	1019	1016	400 CFM/ton	CFM 103	1006	1016	1018	1019	1016	
	450 CFM/ton	CFM 125 / 176	1122 / 1247	1135 / 1146	1143 / 1035	1146 / 911	1142 / 768	450 CFM/ton	CFM 136	1124	1135	1142	1144	1140	450 CFM/ton	CFM 136	1124	1135	1142	1144	1140	450 CFM/ton	CFM 136	1124	1135	1142	1144	1140	
	290 CFM/ton	CFM 70 / 106	885 / 1026	889 / 904	891 / 763	892 / 590	889 / 341	290 CFM/ton	CFM 75	884	887	889	889	885	290 CFM/ton	CFM 75	884	887	889	889	885	290 CFM/ton	CFM 75	884	887	889	889	885	
	370 CFM/ton	CFM 121 / 171	1108 / 1233	1120 / 1132	1128 / 1019	1131 / 893	1128 / 747	350 CFM/ton	CFM 115	1053	1062	1067	1069	1066	350 CFM/ton	CFM 115	1053	1062	1067	1069	1066	350 CFM/ton	CFM 115	1053	1062	1067	1069	1066	
3 tons	400 CFM/ton	CFM 147 / 204	1194 / 1316	1208 / 1220	1218 / 1115	1221 / 999	1215 / 868	400 CFM/ton	CFM 160	1196	1209	1218	1219	1212	400 CFM/ton	CFM 160	1196	1209	1218	1219	1212	400 CFM/ton	CFM 160	1196	1209	1218	1219	1212	
	450 CFM/ton	CFM 200 / 272	1343 / 1463	1361 / 1374	1371 / 1279	1368 / 1175	1352 / 1061	450 CFM/ton	CFM 220	1347	1363	1371	1366	1342	450 CFM/ton	CFM 220	1347	1363	1371	1366	1342	450 CFM/ton	CFM 220	1347	1363	1371	1366	1342	
	290 CFM/ton	CFM 99 / 142	1020 / 1149	1028 / 1041	1034 / 919	1037 / 779	1034 / 609	290 CFM/ton	CFM 107	1020	1028	1033	1033	1031	290 CFM/ton	CFM 107	1020	1028	1033	1033	1031	290 CFM/ton	CFM 107	1020	1028	1033	1033	1031	
	370 CFM/ton	CFM 179 / 245	1287 / 1408	1304 / 1317	1314 / 1218	1315 / 1110	1304 / 981	350 CFM/ton	CFM 169	1220	1234	1243	1244	1236	350 CFM/ton	CFM 169	1220	1234	1243	1244	1236	350 CFM/ton	CFM 169	1220	1234	1243	1244	1236	
	400 CFM/ton	CFM 221 / 299	1395 / 1514	1413 / 1427	1421 / 1334	1415 / 1233	1369 / 1124	400 CFM/ton	CFM 244	1440	1440	1421	1411	1355	400 CFM/ton	CFM 244	1440	1440	1421	1411	1355	400 CFM/ton	CFM 244	1440	1440	1421	1411	1355	
	450 CFM/ton	CFM 313 / 405	1584 / 1687	1593 / 1605	1576 / 1518	1474 / 1425	1350 / 1326	450 CFM/ton	CFM 347	1589	1592	1545	1434	1315	450 CFM/ton	CFM 347	1589	1592	1545	1434	1315	450 CFM/ton	CFM 347	1589	1592	1545	1434	1315	
3.5 tons †	290 CFM/ton	CFM 135 / 197	1156 / 1302	1169 / 1205	1178 / 1098	1181 / 981	1174 / 848	290 CFM/ton	CFM 147	1157	1169	1177	1179	1174	290 CFM/ton	CFM 147	1157	1169	1177	1179	1174	290 CFM/ton	CFM 147	1157	1169	1177	1179	1174	
	370 CFM/ton	CFM 288 / 359	1487 / 1618	1500 / 1534	1496 / 1445	1445 / 1350	1319 / 1248	350 CFM/ton	CFM 244	1400	1416	1421	1411	1335	350 CFM/ton	CFM 244	1400	1416	1421	1411	1335	350 CFM/ton	CFM 244	1400	1416	1421	1411	1335	
	400 CFM/ton	CFM 363 / 433	1616 / 1728	1614 / 1646	1543 / 1543	1423 / 1423	1301 / 1301	400 CFM/ton	CFM 363	1615	1615	1545	1431	1313	400 CFM/ton	CFM 363	1615	1615	1545	1431	1313	400 CFM/ton	CFM 363	1615	1615	1545	1431	1313	
	450 CFM/ton	CFM 432 / 432	1711 / 1711	1621 / 1621	1514 / 1514	1393 / 1393	1273 / 1273	450 CFM/ton	CFM 430	1716	1629	1528	1411	1297	450 CFM/ton	CFM 430	1716	1629	1528	1411	1297	450 CFM/ton	CFM 430	1716	1629	1528	1411	1297	

NOTES:
 1. † Factory Setting
 2. Status LED will blink once per 100 CFM requested. In torque mode, actual airflow may be lower.
 3. Torque mode will reduce airflow when static is above approximately 0.35" water column.
 4. All heating modes default to Constant CFM.
 5. Cooling airflow values are with wet coil, no filter

TAM8C0C42 Minimum Heating Airflow Settings

MODEL NO.	MINIMUM HEATER AIRFLOW CFM - HEATER MATRIX			
	BAYEVAC08BK1 BAYEVAC08LG1	BAYEVAC10BK1 BAYEVAC10LG1	BAYEVAC10LG3 920/1093	BAYEVCB15LG3 1035/1438
TAM8C0C42V31	978/1093	1035/1380	920/1093	1035/1438
	WITHOUT HEAT PUMP / WITH HP			
	SEE AIR HANDLER NAMEPLATE FOR APPROVED COMBINATIONS			

NOTE: Minimum auxiliary heating airflow is automatically configured by the air handler model and the auxiliary heater model number. This is not field adjustable.

**TAM8C0C48 AIRFLOW PERFORMANCE
CONSTANT CFM MODE / CONSTANT TORQUE MODE**

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
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
	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
	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
	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
	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
3.5 tons	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
	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
	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
	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
	350 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
4 tons †	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 † CFM/ton	CFM Watts	1586 325	1597 402	1601 474	1599 538
	450 CFM/ton	CFM Watts	1790 / 1918 429 / 511	1800 / 1848 515 / 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
	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
	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
	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
4.5 tons**	450 CFM/ton	CFM Watts	2018 / 2018 605 / 605	1973 / 1973 1857 / 1857	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

- † Factory Setting
- ** Not an actual OD size
- 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" water column.

TAM8C0C48 Minimum Heating Airflow Settings

MODEL NO.	MINIMUM HEATER AIRFLOW CFM - HEATER MATRIX					
	BAYEVAC04BK1 BAYEVAC04LG1 BAYEVAC08BK1 BAYEVAC08LG1	BAYEVAC10BK1 BAYEVAC10LG1	BAYEVAC10LG3 1000/1188	BAYEVAC15LG3 1125/1563	BAYEVAC20BK1 1500/1750	BAYEVCC25BK1 1625/1813
TAM8C0C48V41	1063/1188	1125/1500	1000/1188	1125/1563	1500/1750	1625/1813
WITHOUT HEAT PUMP / WITH HP SEE AIR HANDLER NAMEPLATE FOR APPROVED COMBINATIONS						

NOTE: Minimum auxiliary heating airflow is automatically configured by the air handler model and the auxiliary heater model number. This is not field adjustable.

**TAM8C0C60 AIRFLOW PERFORMANCE
CONSTANT CFM MODE / CONSTANT TORQUE MODE**

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

- † Factory Setting
 - ** Not an actual OD size
 - 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" water column.
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. All heating modes default to Constant CFM.
7. Cooling airflow values are with wet coil, no filter

TAM8C0C60 Minimum Heating Airflow Settings

MINIMUM HEATER AIRFLOW CFM - HEATER MATRIX			
MODEL NO.	BAYEVAC08BK1 BAYEVAC04LG1 BAYEVAC05BK1 BAYEVAC05LG1	BAYEVAC10BK1 BAYEVAC10LG1	BAYEVCB15BK1 BAYEVCB15LG3
TAM8C0C60V51	1063/1188	1125/1500	1250/1625
	WITHOUT HEAT PUMP / WITH HP	1000/1188	1125/1563
	SEE AIR HANDLER NAMEPLATE FOR APPROVED COMBINATIONS		
	⊕ Heater not qualified for 208V when installed in horizontal left position without Heat Pump		

NOTE: Minimum auxiliary heating airflow is automatically configured by the air handler model and the auxiliary heater model number. This is not field adjustable.

Electrical Data

TAM8 HEATER ATTRIBUTE DATA

Heater Attribute Data											
TAM8C0A24V21CB, TAM8C0A24V21EA											
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**	4	15	-	-	3.9**	4	15
BAYEVAC04++1	1	3.84	13100	16.0	24	25	2.88	9800	13.8	21	25
BAYEVAC05++1	1	4.80	16400	20.0	29	30	3.60	12300	17.3	25	25
BAYEVAC08++1	1	7.68	26200	32.0	44	45	5.76	19700	27.7	38	40
BAYEVAC10++1 ①	1	9.60	32800	40.0	54	60	7.20	24600	34.6	47	50
BAYEVAC10LG3	1-3 PH	9.60	32800	23.1	32	35	7.20	24600	20.0	28	30

Note: ** Motor Amps
① Heater not qualified for 208V when installed in horizontal left position without Heat Pump

Heater Attribute Data											
TAM8C0B30V21CB, TAM8C0B30V21EA											
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	-	-	3.0**	4	15	-	-	3.0**	4	15
BAYEVAC04++1	1	3.84	13100	16.0	24	25	2.88	9800	13.8	21	25
BAYEVAC05++1	1	4.80	16400	20.0	29	30	3.60	12300	17.3	25	25
BAYEVAC08++1	1	7.68	26200	32.0	44	45	5.76	19700	27.7	38	40
BAYEVAC10++1	1	9.60	32800	40.0	54	60	7.20	24600	34.6	47	50
BAYEVAC10LG3	1-3 PH	9.60	32800	23.1	32	35	7.20	24600	20.0	28	30
BAYEVBC15LG3	1-3 PH	14.40	42000	34.6	47	50	10.80	36900	30.0	41	45
BAYEVBC15BK1 - Circuit 1 ①	2	9.60	32800	40.0	54	60	7.20	24600	34.6	47	50
BAYEVBC15BK1 - Circuit 2		4.80	16400	20.0	25	25	3.60	12300	17.3	22	25

Note: ** Motor Amps
① MCA and MOP for circuit 1 contains the 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.

Electrical Data

TAM8 HEATER ATTRIBUTE DATA

Heater Attribute Data											
TAM8C0C36V31CB, TAM8C0C36V31EA											
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	-	-	3.0**	4	15	-	-	3.0**	4	15
BAYEVAC04++1	1	3.84	13100	16.0	24	25	2.88	9800	13.8	21	25
BAYEVAC05++1	1	4.80	16400	20.0	29	30	3.60	12300	17.3	25	25
BAYEVAC08++1	1	7.68	26200	32.0	44	45	5.76	19700	27.7	38	40
BAYEVAC10++1	1	9.60	32800	40.0	54	60	7.20	24600	34.6	47	50
BAYEVAC10LG3	1-3 PH	9.60	32800	23.1	32	35	7.20	24600	20.0	28	30
BAYEVBC15LG3	1-3 PH	14.40	42000	34.6	47	50	10.80	36900	30.0	41	45
BAYEVBC15BK1 - Circuit 1 ① BAYEVBC15BK1 - Circuit 2	2	9.60	32800	40.0	54	60	7.20	24600	34.6	47	50
		4.80	16400	20.0	25	25	3.60	12300	17.3	22	25
BAYEVBC20BK1 - Circuit 1 ① BAYEVBC20BK1 - Circuit 2	2	9.60	32800	40.0	54	60	7.20	24600	34.6	47	50
		9.60	32800	40.0	50	50	7.20	24600	34.6	43	45

Note: ** Motor Amps
① MCA and MOP for circuit 1 contains the motor amps

Heater Attribute Data											
TAM8C0C42V31CB, TAM8C0C42V31EA											
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**	4	15	-	-	3.9**	4	15
BAYEVAC04++1	1	3.84	13100	16.0	24	25	2.88	9800	13.8	21	25
BAYEVAC05++1	1	4.80	16400	20.0	29	30	3.60	12300	17.3	25	25
BAYEVAC08++1	1	7.68	26200	32.0	44	45	5.76	19700	27.7	38	40
BAYEVAC10++1	1	9.60	32800	40.0	54	60	7.20	24600	34.6	47	50
BAYEVAC10LG3	1-3 PH	9.60	32800	23.1	32	35	7.20	24600	20.0	28	30
BAYEVBC15LG3	1-3 PH	14.40	42000	34.6	47	50	10.80	36900	30.0	41	45
BAYEVBC15BK1 - Circuit 1 ① BAYEVBC15BK1 - Circuit 2	2	9.60	32800	40.0	54	60	7.20	24600	34.6	47	50
		4.80	16400	20.0	25	25	3.60	12300	17.3	22	25
BAYEVBC20BK1 - Circuit 1 ① BAYEVBC20BK1 - Circuit 2	2	9.60	32800	40.0	54	60	7.20	24600	34.6	47	50
		9.60	32800	40.0	50	50	7.20	24600	34.6	43	45

Note: ** Motor Amps
① MCA and MOP for circuit 1 contains the 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.

Electrical Data

TAM8 HEATER ATTRIBUTE DATA

Heater Attribute Data											
TAM8C0C48V41CB, TAM8C0C48V41EA											
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	-	-	4.2**	5	15	-	-	4.2**	5	15
BAYEVAC04++1	1	3.84	13100	16.0	25	25	2.88	9800	13.8	23	25
BAYEVAC05++1	1	4.80	16400	20.0	30	30	3.60	12300	17.3	27	30
BAYEVAC08++1	1	7.68	26200	32.0	45	45	5.76	19700	27.7	40	40
BAYEVAC10++1	1	9.60	32800	40.0	55	60	7.20	24600	34.6	49	50
BAYEVAC10LG3	1-3 PH	9.60	32800	23.1	34	35	7.20	24600	20.0	30	30
BAYEVBC15LG3	1-3 PH	14.40	42000	34.6	48	50	10.80	36900	30.0	42	45
BAYEVBC15BK1 - Circuit 1 ① BAYEVBC15BK1 - Circuit 2	2	9.60	32800	40.0	55	60	7.20	24600	34.6	49	50
		4.80	16400	20.0	25	25	3.60	12300	17.3	22	25
BAYEVBC20BK1 - Circuit 1 ① BAYEVBC20BK1 - Circuit 2	2	9.60	32800	40.0	55	60	7.20	24600	34.6	49	50
		9.60	32800	40.0	50	50	7.20	24600	34.6	43	45
BAYEVCC25BK1 - Circuit 1 ① BAYEVCC25BK1 - Circuit 2 BAYEVCC25BK1 - Circuit 3	3	9.60	32800	40.0	55	60	7.20	24600	34.6	49	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

Note: ** Motor Amps
① MCA and MOP for circuit 1 contains the motor amps

Heater Attribute Data											
TAM8C0C60V51CB, TAM8C0C60V51EA											
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	-	-	5.5**	7	15	-	-	5.5**	7	15
BAYEVAC04++1	1	3.84	13100	16.0	27	30	2.88	9800	13.8	24	25
BAYEVAC05++1	1	4.80	16400	20.0	32	35	3.60	12300	17.3	29	30
BAYEVAC08++1	1	7.68	26200	32.0	47	50	5.76	19700	27.7	41	45
BAYEVAC10++1	1	9.60	32800	40.0	57	60	7.20	24600	34.6	50	50
BAYEVAC10LG3	1-3 PH	9.60	32800	23.1	35	35	7.20	24600	20.0	31	35
BAYEVBC15LG3	1-3 PH	14.40	42000	34.6	49	50	10.80	36900	30.0	44	45
BAYEVBC15BK1 - Circuit 1 ① BAYEVBC15BK1 - 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
BAYEVBC20BK1 - Circuit 1 ① BAYEVBC20BK1 - 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
BAYEVCC25BK1 ② - Circuit 1 ① BAYEVCC25BK1 - Circuit 2 BAYEVCC25BK1 - 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

Note: ** Motor Amps
① MCA and MOP for circuit 1 contains the motor amps
② Heater not qualified for 208V when installed in horizontal left position without Heat Pump

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.

Electrical Data

AIR HANDLER ELECTRIC HEATER PRESSURE DROP

Air handler electric heater pressure drop is negligible for the heaters and is included in the airflow data for the Series 8 air handlers.

Electrical Data

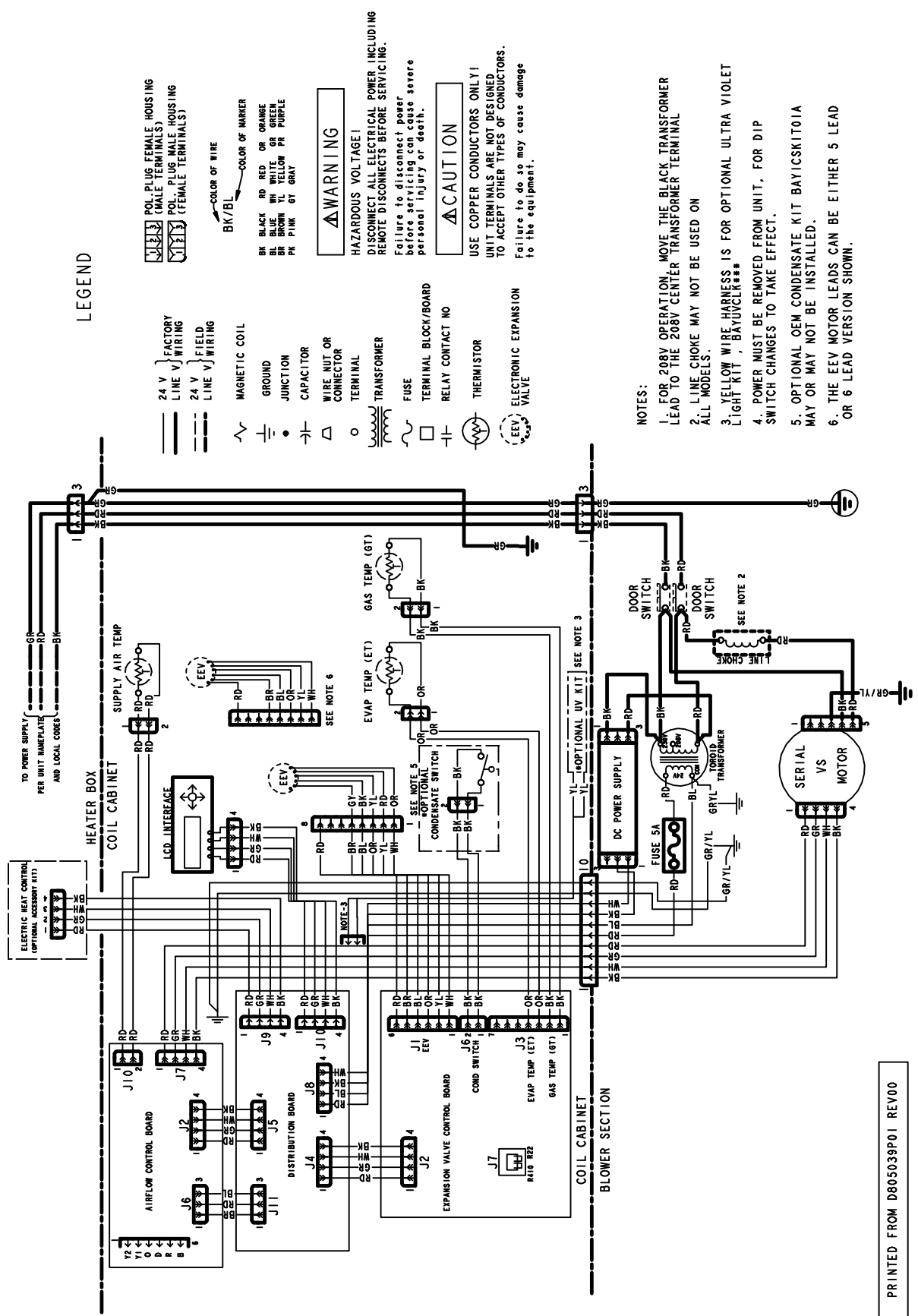
TAM8 AIR HANDLER AND HEATER MATRIX - ALLOWABLE COMBINATIONS

APPROVED AIR HANDLER - HEATER COMBINATIONS											
AIR HANDLER	HEATER MODEL NUMBER BAYEV-										
MODEL NUMBER	AC04BK1 3.84 Kw BK	AC04LG1 3.84 Kw LG	AC05BK1 4.80 Kw BK	AC05LG1 4.80 Kw LG	AC08BK1 7.68 Kw BK	AC08LG1 7.68 Kw LG	AC10BK1 9.60 Kw BK	AC10LG1 9.60 Kw LG	BC15BK1 14.40 Kw BK	BC20BK1 19.20 Kw BK	CC25BK1 24.00 Kw BK
TAM8C0A24V21CB TAM8C0A24V21EA	Y	Y	Y	Y	Y	Y	Y ^①	Y ^①	-	-	-
TAM8C0B30V21CB TAM8C0B30V21EA	Y	Y	Y	Y	Y	Y	Y	Y	Y	-	-
TAM8C0C36V31CB TAM8C0C36V31EA	Y	Y	Y	Y	Y	Y	Y	Y	Y	-	-
TAM8C0C42V31CB TAM8C0C42V31EA	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	-
TAM8C0C48V41CB TAM8C0C48V41EA	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
TAM8C0C60V51CB TAM8C0C60V51EA	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y ^①

① Heater is not qualified for 208V when installed in horizontal left position without HP.

APPROVED AIR HANDLER - HEATER COMBINATIONS		
AIR HANDLER	HEATER MODEL NUMBER BAYEV-	
MODEL NUMBER	AC10LG3 9.60 Kw LG	BC15LG3 14.4 Kw LG
TAM8C0A24V21CB TAM8C0A24V21EA	Y	-
TAM8C0B30V21CB TAM8C0B30V21EA	Y	Y
TAM8C0C36V31CB TAM8C0C36V31EA	Y	Y
TAM8C0C42V31CB TAM8C0C42V31EA	Y	Y
TAM8C0C48V41CB TAM8C0C48V41EA	Y	Y
TAM8C0C60V51CB TAM8C0C60V51EA	Y	Y

WIRING DIAGRAM FOR TAM8 AIR HANDLERS



LEGEND

- 24 V LINE V) FACTORY WIRING
- 24 V LINE V) FIELD WIRING
- MAGNETIC COIL
- GROUND
- JUNCTION
- CAPACITOR
- WIRE NUT OR CONNECTOR
- TERMINAL
- TRANSFORMER
- FUSE
- TERMINAL BLOCK/BOARD
- RELAY CONTACT NO
- THERMISTOR
- ELECTRONIC EXPANSION VALVE

WARNING
HAZARDOUS VOLTAGE!
DISCONNECT ALL ELECTRICAL POWER, INCLUDING REHOTE DISCONNECTS BEFORE SERVICING.
Failure to disconnect power before servicing may cause severe personal injury or death.

CAUTION
USE COPPER CONDUCTORS ONLY!
UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS.
Failure to do so may cause damage to the equipment.

- NOTES:
- FOR 208V OPERATION, MOVE THE BLACK TRANSFORMER LEAD TO THE 208V CENTER TRANSFORMER TERMINAL ALL MODELS.
 - LINE CHOKES MAY NOT BE USED ON THIS MODEL.
 - YELLOW WIRE HARNESS IS FOR OPTIONAL ULTRA VIOLET LIGHT KIT, BAYUCLEAR**.
 - POWER MUST BE REMOVED FROM UNIT. FOR DIP SWITCH CHANGES TO TAKE EFFECT.
 - OPTIONAL OEM CONDENSATE KIT BAYICSKIT01A MAY OR MAY NOT BE INSTALLED.
 - THE EEV MOTOR LEADS CAN BE EITHER 5 LEAD OR 6 LEAD VERSION SHOWN.

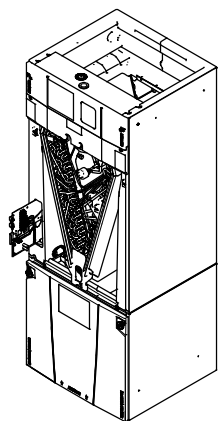
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Field Wiring

TAM8 Fully Communicating System



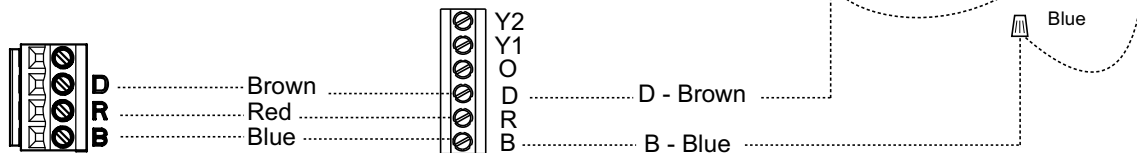
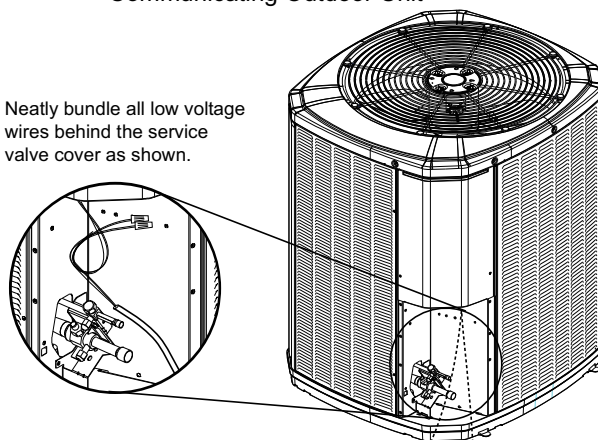
Comfort Control



Series 8 Air Handler

Communicating Outdoor Unit

Neatly bundle all low voltage wires behind the service valve cover as shown.



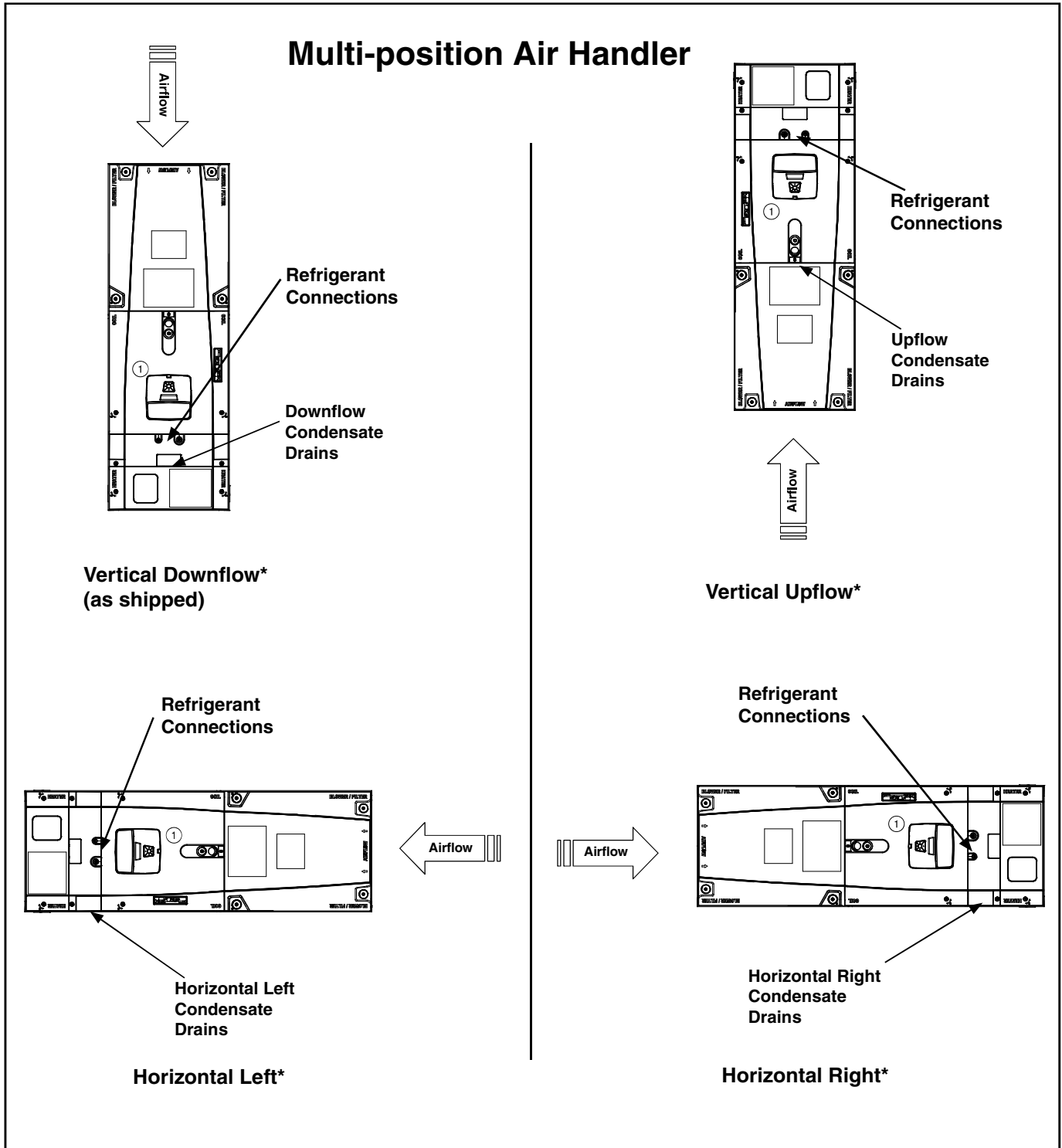
..... Field wiring

Notes:

- If a 3rd party condensate overflow switch is installed, it should be wired in series with R to the thermostat or connected to the External Switch terminals on the AFC. See External Switch wiring section.
- For 24 VAC Outdoor equipment, accessory BAYCC24VK01A must be ordered separately
- "D" is the Data line. Installer to select a wire color.

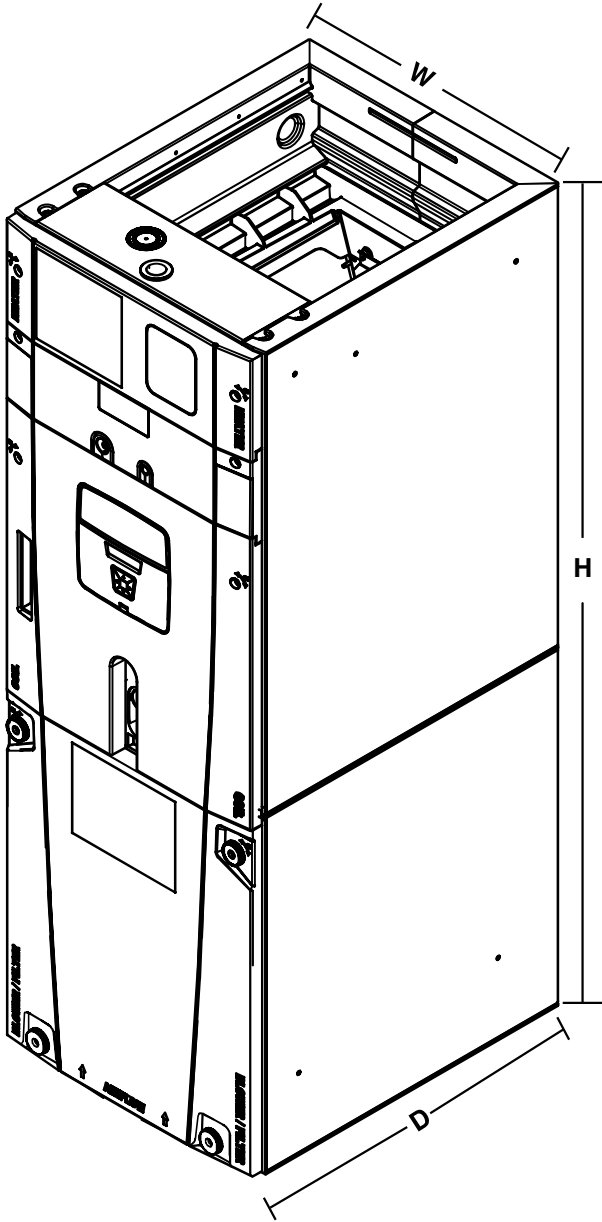
TAM8 Convertibility

- * Note: No internal modifications required for any position.
- ① Badge rotation will keep brand in correct position



Dimensions

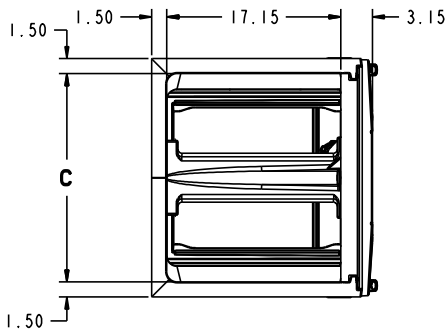
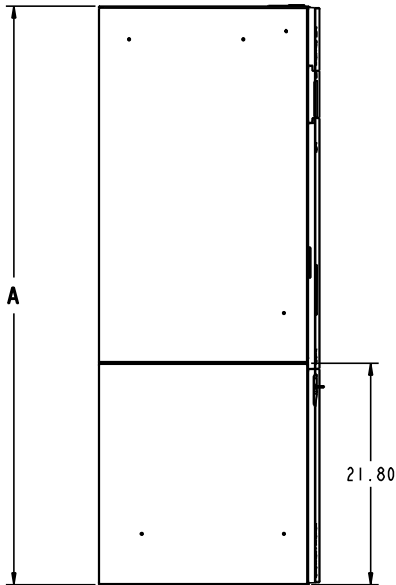
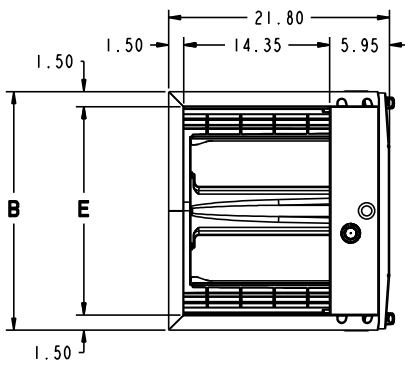
TAM8 AIR HANDLER DIMENSIONAL DATA



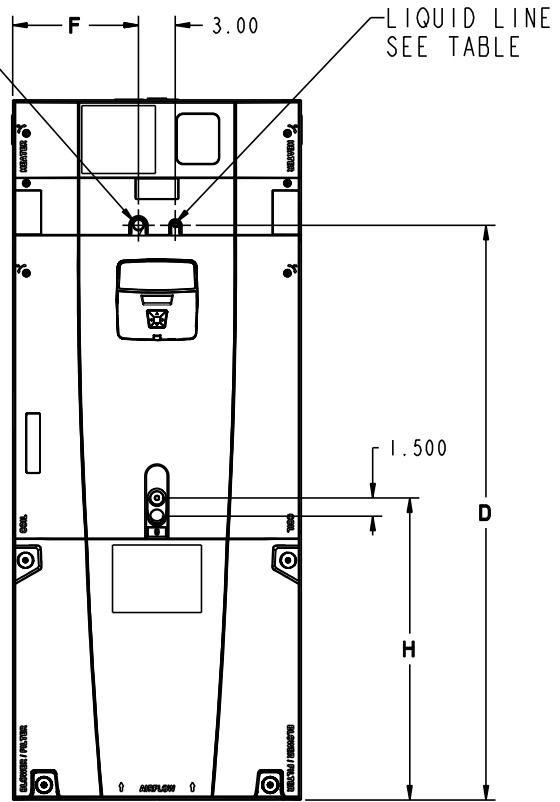
Model No.	H	W	D
TAM8C0A24V21	49.9	17.5	21.75
TAM8C0B30V21	55.7	21.3	21.75
TAM8C0C36V31	56.9	23.5	21.75
TAM8C0C42V31	56.9	23.5	21.75
TAM8C0C48V41	61.7	23.5	21.75
TAM8C0C60V51	61.7	23.5	21.75

TAM8 AIR HANDLERS ARE ALL TWO
PIECE CABINETS.

TAM8 OUTLINE DRAWING



GAS LINE
SEE TABLE



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	GAS LINE BRAZE	LIQ LINE BRAZE
TAM8C0A24V21	49.9	17.5	14.5	39.6	14.5	7.3	24.4	EEV	3/4	3/8
TAM8C0B30V21	55.7	21.3	18.4	45.5	18.4	9.2	24.8	EEV	3/4	3/8
TAM8C0C36V31	56.9	23.5	20.5	46.7	20.5	10.3	24.2	EEV	7/8	3/8
TAM8C0C42V31	56.9	23.5	20.5	46.7	20.5	10.3	24.5	EEV	7/8	3/8
TAM8C0C48V41	61.7	23.5	20.5	51.5	20.5	10.3	24.9	EEV	7/8	3/8
TAM8C0C60V51	61.7	23.5	20.5	51.5	20.5	10.3	24.9	EEV	7/8	3/8

American Standard

HEATING & AIR CONDITIONING



02/15

American Standard
Heating & Air Conditioning
6200 Troup Highway
Tyler, TX 75707
www.americanstandardair.com

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