

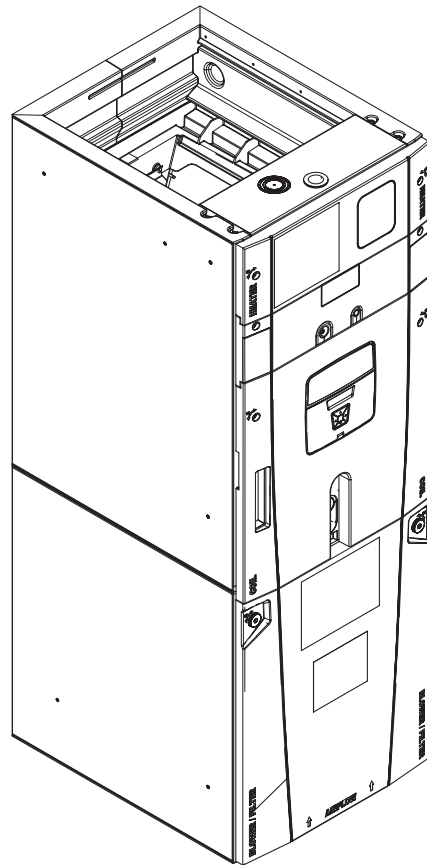


TRANE®

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: TZONE850/950
communicating thermostats
MUST be used for Variable
Speed Outdoor units.**

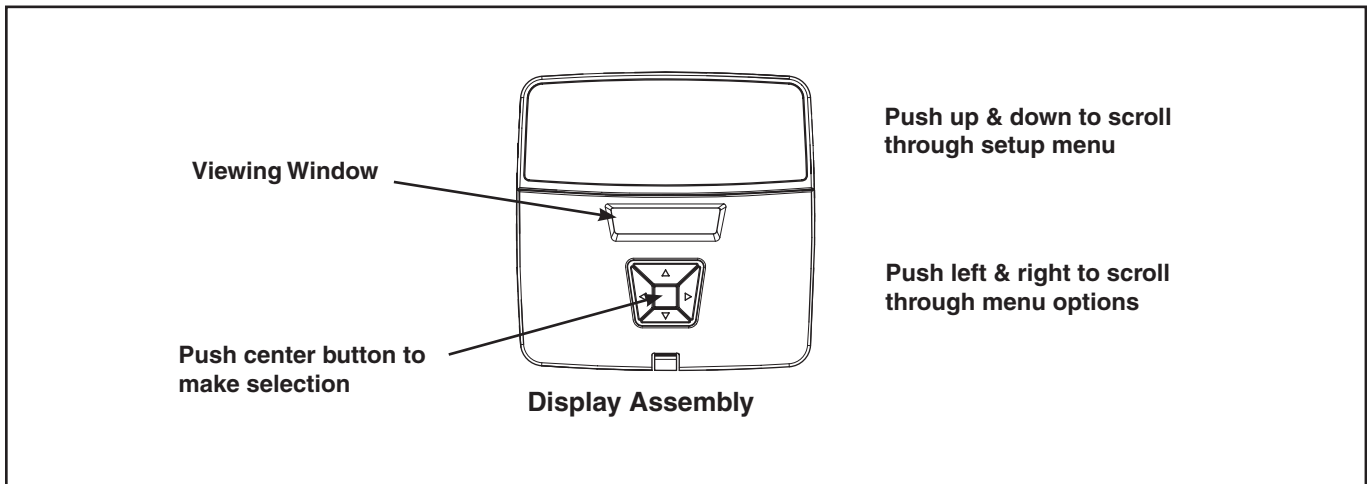
PUB. NO. 22-1856-09



TRANE®

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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Optional Equipment

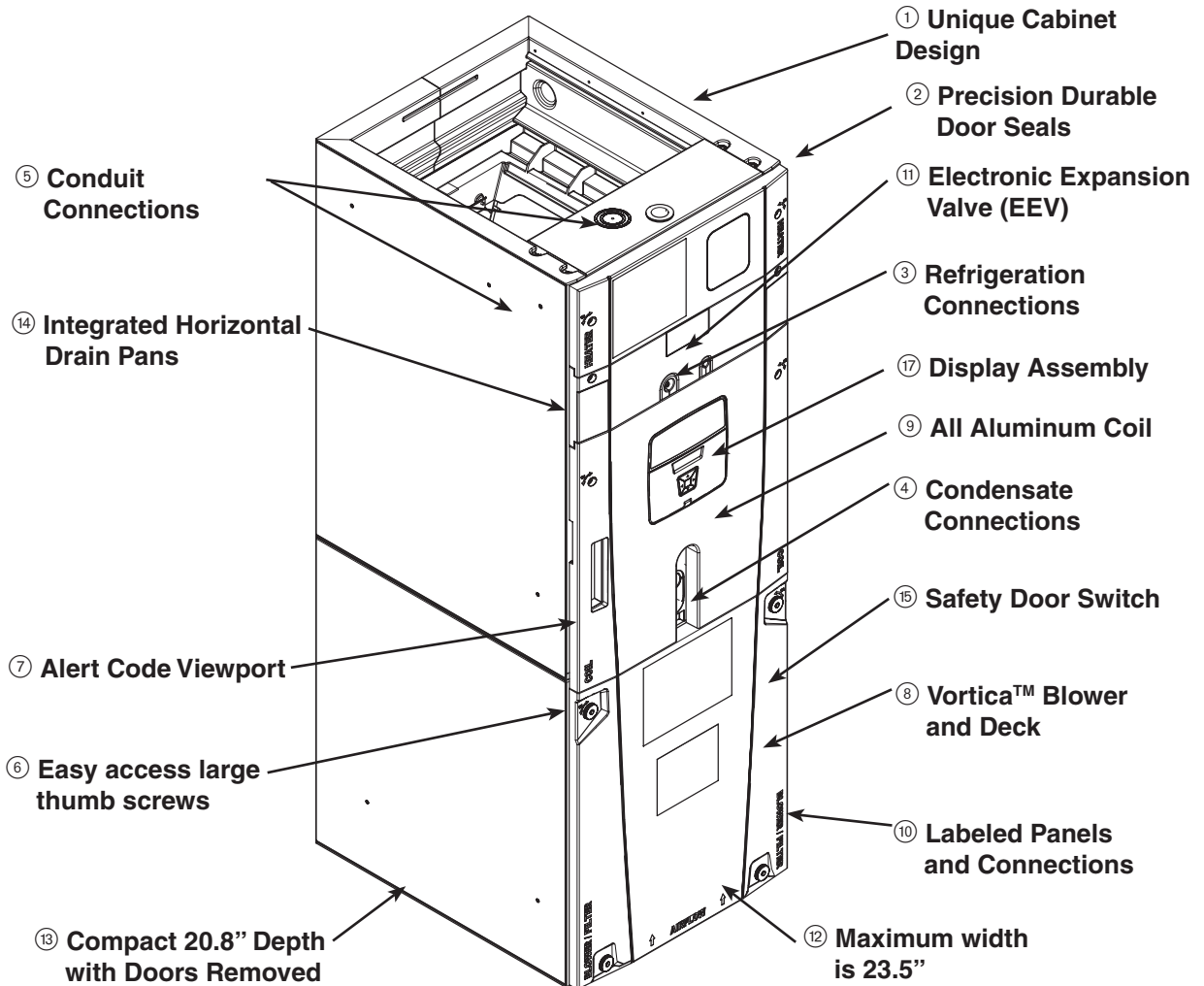
OPTIONAL EQUIPMENT FOR AIR HANDLERS

Accessory Number	Description	Fits Cabinet Size
BAYEVAC04BK1AA	Electric Heater, 4kW, Breaker, RS-485 Control, 1 Ph	A to C
BAYEVAC04LG1AA	Electric Heater, 4kW, Lugs, RS-485 Control, 1 Ph	A to C
BAYEVAC05BK1AA	Electric Heater, 5kW, Breaker, RS-485 Control, 1 Ph	A to C
BAYEVAC05LG1AA	Electric Heater, 5kW, Lugs, RS-485 Control, 1 Ph	A to C
BAYEVAC08BK1AA	Electric Heater, 8kW, Breaker, RS-485 Control, 1 Ph	A to C
BAYEVAC08LG1AA	Electric Heater, 8kW, Lugs, RS-485 Control, 1 Ph	A to C
BAYEVAC10BK1AA	Electric Heater, 10kW, Breaker, RS-485 Control, 1 Ph	A to C
BAYEVAC10LG1AA	Electric Heater, 10kW, Lugs, RS-485 Control, 1 Ph	A to C
BAYEVBC15BK1AA	Electric Heater, 15kW, Breaker, RS-485 Control, 1 Ph	B to C
BAYEVBC20BK1AA	Electric Heater, 20kW, Breaker, RS-485 Control, 1 Ph	C
BAYEVCC25BK1AA	Electric Heater, 25kW, Breaker, RS-485 Control, 1 Ph	C
BAYEVAC10LG3AA	Electric Heater, 10kW, Lugs, RS-485 Control, 3 Ph	A to C
BAYEVBC15LG3AA	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
BAYRETLGAA	Return Duct Flange A	A
BAYRETLGBA	Return Duct Flange B	B
BAYRETLGCA	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	
BAYICKIT01A	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

**TRANE®**

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	3.0	3.0
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	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)

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 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	556 / NA 183 / 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
	290 CFM/ton	CFM Watts	593 / 680 49 / 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
2 tons †	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 † 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 † 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 / 184	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
	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 / 220	350 CFM/ton	CFM Watts	876 127	895 174	898 220	888 261	864 297
2.5 tons	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 282	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
	290 CFM/ton	CFM Watts	875 / 943 132 / 160	891 / 891 179 / 179	892 / 828 224 / 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 359	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
3 tons	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

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

TAM8C0A24 Minimum Heating Airflow Settings

MODEL NO.	MINIMUM HEATER AIRFLOW CFM - HEATER MATRIX			
	BAYEVAC04BK1AA BAYEVAC04LG1AA BAYEVAC05BK1AA BAYEVAC05LG1AA	BAYEVAC10BK1AA BAYEVAC10LG1AA	BAYEVAC10LG3AA	BAYEVBC15BK1AA BAYEVBC15LG3AA
TAM8C0A24V21	638/900	675 Ⓞ /900	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
2 tons †	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 † 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
	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
2.5 tons	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
	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
3 tons	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			
BAYEAC04BK1AA	BAYEAC08BK1AA	BAYEAC10LG3AA	BAYEBC20BK1AA
BAYEAC04LG1AA	BAYEAC10BK1AA	BAYEAC10LG3AA	BAYEBC15BK1AA
BAYEAC05BK1AA	BAYEAC10LG1AA	BAYEAC10LG3AA	BAYEBC15BK1AA
BAYEAC05LG1AA	BAYEAC10LG1AA	BAYEAC10LG3AA	BAYEBC15BK1AA
TAM8C0B30V21	723/1020	765/1020	850/1105
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	573 / 565	553 / 306	548 / NA	290 CFM/ton	CFM Watts	606	574	555	549	0.9
	370 CFM/ton	CFM Watts	755 / 880	745 / 738	737 / 575	738 / 367	350 CFM/ton	CFM Watts	31	58	87	119	152
	400 CFM/ton	CFM Watts	50 / 70	85 / 85	121 / 93	160 / 97	400 CFM/ton	CFM Watts	720	705	695	694	691
	450 CFM/ton	CFM Watts	810 / 929	804 / 797	800 / 650	802 / 478	400 CFM/ton	CFM Watts	43	77	111	148	184
	450 CFM/ton	CFM Watts	58 / 80	97 / 96	136 / 106	176 / 111	450 CFM/ton	CFM Watts	810	805	800	803	802
	450 CFM/ton	CFM Watts	900 / 1011	900 / 893	902 / 764	905 / 624	450 CFM/ton	CFM Watts	56	95	134	174	214
2.5 tons	290 CFM/ton	CFM Watts	742 / 891	729 / 752	722 / 592	721 / 394	290 CFM/ton	CFM Watts	900	900	901	906	907
	370 CFM/ton	CFM Watts	75 / 98	118 / 117	162 / 129	207 / 136	350 CFM/ton	CFM Watts	72	115	159	204	248
	400 CFM/ton	CFM Watts	48 / 72	82 / 87	118 / 96	155 / 99	400 CFM/ton	CFM Watts	742	731	722	722	720
	450 CFM/ton	CFM Watts	922 / 1055	923 / 942	927 / 820	930 / 690	450 CFM/ton	CFM Watts	46	81	117	154	191
	450 CFM/ton	CFM Watts	80 / 109	124 / 128	170 / 142	215 / 150	450 CFM/ton	CFM Watts	877	877	876	880	880
	400 CFM/ton	CFM Watts	989 / 1118	995 / 1012	1002 / 899	1008 / 779	400 CFM/ton	CFM Watts	68	110	152	196	239
3 tons †	290 CFM/ton	CFM Watts	872 / 1009	871 / 890	871 / 761	874 / 620	290 CFM/ton	CFM Watts	989	995	1000	1008	1008
	370 CFM/ton	CFM Watts	70 / 97	111 / 116	154 / 128	197 / 135	350 CFM/ton	CFM Watts	90	139	188	238	285
	400 CFM/ton	CFM Watts	1103 / 1228	1117 / 1131	1129 / 1028	1137 / 921	400 CFM/ton	CFM Watts	1102	1116	1127	1137	1138
	450 CFM/ton	CFM Watts	125 / 162	181 / 185	238 / 203	294 / 215	450 CFM/ton	CFM Watts	119	175	231	288	340
	450 CFM/ton	CFM Watts	872 / 1009	871 / 890	871 / 761	874 / 620	450 CFM/ton	CFM Watts	871	872	871	874	875
	400 CFM/ton	CFM Watts	1089 / 1214	1102 / 1116	1114 / 1013	1121 / 905	400 CFM/ton	CFM Watts	67	109	151	195	237
3.5 tons †	290 CFM/ton	CFM Watts	121 / 157	176 / 180	232 / 198	287 / 209	290 CFM/ton	CFM Watts	1033	1043	1051	1059	1061
	370 CFM/ton	CFM Watts	1175 / 1298	1193 / 1205	1208 / 1107	1215 / 1006	350 CFM/ton	CFM Watts	101	152	204	257	307
	400 CFM/ton	CFM Watts	147 / 188	208 / 212	270 / 231	329 / 244	400 CFM/ton	CFM Watts	1171	1191	1205	1215	1212
	450 CFM/ton	CFM Watts	1329 / 1447	1353 / 1361	1366 / 1270	1363 / 1176	450 CFM/ton	CFM Watts	139	200	262	322	376
	450 CFM/ton	CFM Watts	204 / 253	276 / 279	345 / 299	406 / 313	450 CFM/ton	CFM Watts	1324	1349	1364	1364	1347
	290 CFM/ton	CFM Watts	1002 / 1131	1009 / 1026	1017 / 914	1023 / 797	290 CFM/ton	CFM Watts	192	264	334	396	448
3.5 tons	370 CFM/ton	CFM Watts	98 / 130	147 / 152	198 / 167	248 / 177	350 CFM/ton	CFM Watts	997	1010	1016	1022	1027
	400 CFM/ton	CFM Watts	1270 / 1391	1293 / 1302	1308 / 1210	1311 / 1113	400 CFM/ton	CFM Watts	92	143	197	248	293
	450 CFM/ton	CFM Watts	181 / 227	249 / 252	316 / 272	377 / 286	450 CFM/ton	CFM Watts	1196	1217	1231	1241	1234
	400 CFM/ton	CFM Watts	1383 / 1499	1407 / 1414	1416 / 1325	1406 / 1233	400 CFM/ton	CFM Watts	146	210	272	334	387
	450 CFM/ton	CFM Watts	227 / 278	303 / 305	372 / 325	431 / 340	450 CFM/ton	CFM Watts	1379	1404	1415	1330	1390
	450 CFM/ton	CFM Watts	1579 / 1669	1583 / 1587	1567 / 1502	1474 / 1413	450 CFM/ton	CFM Watts	214	289	360	378	473
		CFM Watts	326 / 375	402 / 402	464 / 423	475 / 437	450 CFM/ton	CFM Watts	1499	1508	1586	1504	1387
									268	342	460	478	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			
BAYEVAC04BK1AA	BAYEVAC10BK1AA	BAYEVAC15LG3AA	BAYEVC20BK1AA
BAYEVAC04LG1AA	BAYEVAC10LG1AA	BAYEVAC15LG3AA	BAYEVC15BK1AA
BAYEVAC08BK1AA	BAYEVAC08LG1AA	BAYEVAC10LG3AA	BAYEVC20BK1AA
BAYEVAC08LG1AA	876/979	927/1236	1030/1339
TAM8C0C36V31	876/979	927/1236	1236/1442
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
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
	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
	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
	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
	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
3 tons	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
	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
	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
	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
	370 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
3.5 tons †	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 † CFM/ton	CFM Watts	1440 244	1416 322	1421 395	1411 458
	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
	290 CFM/ton	CFM Watts	1156 / 1302 197 / 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
	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
	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
4 tons	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

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			
	BAYEVAC04BK1AA BAYEVAC04LG1AA BAYEVAC05BK1AA BAYEVAC05LG1AA	BAYEVAC10BK1AA BAYEVAC10LG1AA	BAYEVAC10LG3AA BAYEVAC10LG3AA	BAYEVBC15BK1AA BAYEVBC15BK1AA
TAM8C0C42V31	978/1093	978/1380	920/1093	1150/1495
			1035/1380	1380/1610
			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	0.9
			CFM/ton	CFM/ton	CFM/ton	CFM/ton	CFM/ton			Watts	CFM/ton	CFM/ton	CFM/ton	CFM/ton
3 tons	290	CFM	894 / 1018	900 / 897	896 / 767	886 / 622	871 / 445	290	CFM	893	900	893	883	864
		Watts	69 / 91	114 / 114	157 / 130	195 / 137	229 / 136		Watts	72	118	159	197	230
	350	CFM	1067 / 1180	1073 / 1078	1072 / 972	1065 / 859	1053 / 738	350	CFM	1068	1073	1070	1062	1049
		Watts	106 / 132	158 / 160	208 / 180	252 / 192	292 / 194		Watts	112	164	213	257	295
	400	CFM	1205 / 1314	1212 / 1222	1213 / 1128	1208 / 1029	1199 / 926	400	CFM	1207	1212	1212	1206	1196
	CFM/ton	145 / 176	203 / 206	259 / 229	309 / 244	354 / 249		CFM/ton	154	212	266	315	359	
	450	CFM	1343 / 1451	1352 / 1367	1355 / 1280	1353 / 1190	1346 / 1098	450	CFM	1344	1352	1354	1352	1344
	CFM/ton	193 / 232	259 / 264	320 / 289	377 / 305	427 / 313		CFM/ton	206	270	331	387	436	
	290	CFM	1034 / 1149	1041 / 1044	1038 / 934	1031 / 817	1018 / 690	290	CFM	1034	1040	1037	1028	1014
	CFM/ton	98 / 123	149 / 150	197 / 170	240 / 181	279 / 182		CFM/ton	103	154	202	244	281	
3.5 tons	350	CFM	1228 / 1336	1235 / 1246	1236 / 1153	1232 / 1056	1224 / 955	350	CFM	1229	1235	1236	1230	1220
		Watts	152 / 185	212 / 215	268 / 238	319 / 253	365 / 259		Watts	162	221	276	326	371
	400	CFM	1389 / 1498	1399 / 1415	1403 / 1331	1401 / 1244	1395 / 1154	400	CFM	1392	1400	1403	1400	1394
		Watts	212 / 253	280 / 286	343 / 311	402 / 328	455 / 336		Watts	226	293	356	413	465
	450	CFM	1558 / 1669	1570 / 1592	1575 / 1514	1575 / 1434	1568 / 1351	450	CFM	1561	1572	1576	1574	1567
	CFM/ton	290 / 343	367 / 377	439 / 404	505 / 422	563 / 432		CFM/ton	310	386	457	521	577	
	290	CFM	1168 / 1298	1175 / 1205	1175 / 1109	1170 / 1010	1160 / 905	290	CFM	1168	1176	1174	1168	1157
	CFM/ton	133 / 170	191 / 200	244 / 223	293 / 237	336 / 242		CFM/ton	141	198	251	299	341	
4 tons †	350	CFM	1389 / 1517	1399 / 1436	1403 / 1352	1401 / 1266	1395 / 1177	350	CFM	1392	1400	1403	1400	1394
		Watts	212 / 262	280 / 295	343 / 321	402 / 338	455 / 346		Watts	226	293	356	413	465
	400 †	CFM	1583 / 1714	1595 / 1639	1601 / 1562	1600 / 1483	1593 / 1401	400 †	CFM	1586	1597	1601	1599	1591
		Watts	303 / 370	382 / 546	455 / 431	521 / 450	580 / 459		Watts	325	402	474	538	595
	450	CFM	1790 / 1918	1800 / 1848	1808 / 1775	1793 / 1701	1698 / 1625	450	CFM	1794	1801	1800	1766	1667
	CFM/ton	429 / 511	515 / 546	594 / 573	663 / 592	660 / 601		CFM/ton	459	544	620	665	655	
	290	CFM	1301 / 1429	1310 / 1344	1312 / 1256	1309 / 1165	1302 / 1071	290	CFM	1302	1310	1311	1309	1301
	CFM/ton	177 / 222	241 / 253	300 / 278	355 / 294	404 / 302		CFM/ton	189	252	310	355	403	
4.5 tons**	350	CFM	1558 / 1688	1570 / 1613	1575 / 1535	1575 / 1455	1568 / 1373	350	CFM	1557	1570	1575	1575	1569
		Watts	290 / 354	367 / 389	439 / 415	505 / 434	563 / 444		Watts	290	367	439	505	563
	400	CFM	1790 / 1918	1800 / 1848	1801 / 1775	1793 / 1701	1698 / 1625	400	CFM	1789	1799	1801	1794	1701
		Watts	429 / 511	515 / 546	594 / 573	663 / 592	660 / 601		Watts	428	515	594	663	659
	450	CFM	2018 / 2018	1973 / 1973	1857 / 1857	1749 / 1749	1651 / 1651	450	CFM	2018	1975	1863	1757	1660
	CFM/ton	605 / 605	656 / 656	645 / 645	637 / 637	631 / 631		CFM/ton	605	656	643	634	628	

- † 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

TAM8C0C48 Minimum Heating Airflow Settings

MODEL NO.	MINIMUM HEATER AIRFLOW CFM - HEATER MATRIX			
	BAYEAC08BK1AA BAYEAC04LG1AA BAYEAC06BK1AA BAYEAC05LG1AA 1063/1188	BAYEAC10BK1AA BAYEAC08LG1AA BAYEAC09LG1AA 1063/1900	BAYEAC10LG3AA 1000/1188	BAYEVCB15LG3AA 1250/1625
TAM8C0C48V41	BAYEAC08BK1AA BAYEAC04LG1AA BAYEAC06BK1AA BAYEAC05LG1AA 1063/1188	BAYEAC10BK1AA BAYEAC08LG1AA BAYEAC09LG1AA 1063/1900	BAYEAC10LG3AA 1000/1188	BAYEVCB15LG3AA 1250/1625
				BAYEVCB20BK1AA 1500/1750
				BAYEVC25BK1AA 1625/1813

WITH/OUT 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	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	
3.5 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
	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
4 tons	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
	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 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	1782 / 1597 671 / 546	400 † 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	2013 / 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

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

TAM8C060 Minimum Heating Airflow Settings

MINIMUM HEATER AIRFLOW CFM - HEATER MATRIX			
BAYEVAC04BK1AA	BAYEVAC10BK1AA	BAYEVAC10LG3AA	BAYEVCB15LG3AA
BAYEVAC04LG1AA	BAYEVAC10BK1AA	BAYEVAC10LG3AA	BAYEVCB15LG3AA
BAYEVAC05BK1AA	BAYEVAC08LG1AA	BAYEVAC10LG3AA	BAYEVCB15BK1AA
BAYEVAC05LG1AA	BAYEVAC08LG1AA	BAYEVAC10LG3AA	BAYEVCB15BK1AA
TAM8C0C60V51	1063/1188	1125/1500	1000/1188
			1250/1625
			1500/1750
			1625 / 1813

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	-	-	3.0**	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	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.



TRANE®

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
BAYEVC15LG3	1-3 PH	14.40	42000	34.6	47	50	10.80	36900	30.0	41	45
BAYEVC15BK1 - Circuit 1 ① BAYEVC15BK1 - 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
BAYEVC20BK1 - Circuit 1 ① BAYEVC20BK1 - 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	-	-	3.0**	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
BAYEVC15LG3	1-3 PH	14.40	42000	34.6	47	50	10.80	36900	30.0	41	45
BAYEVC15BK1 - Circuit 1 ① BAYEVC15BK1 - 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
BAYEVC20BK1 - Circuit 1 ① BAYEVC20BK1 - 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
BAYEVC15LG3	1-3 PH	14.40	42000	34.6	48	50	10.80	36900	30.0	42	45
BAYEVC15BK1 - Circuit 1 ① BAYEVC15BK1 - 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
BAYEVC20BK1 - Circuit 1 ① BAYEVC20BK1 - 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
BAYEVC15LG3	1-3 PH	14.40	42000	34.6	49	50	10.80	36900	30.0	44	45
BAYEVC15BK1 - Circuit 1 ① BAYEVC15BK1 - 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
BAYEVC20BK1 - Circuit 1 ① BAYEVC20BK1 - 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.



TRANE[®]

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

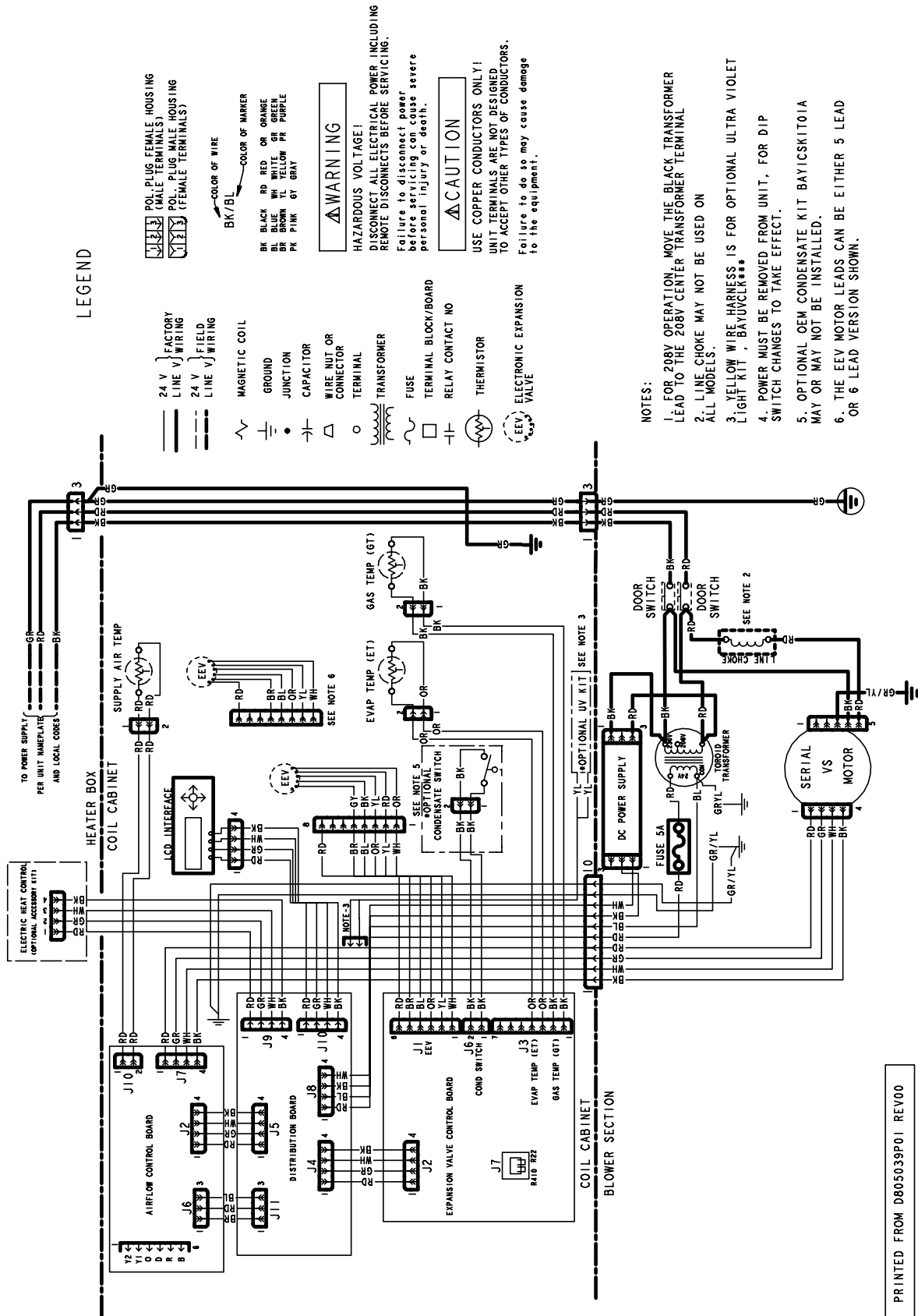
TAM8 AIR HANDLER AND HEATER MATRIX - ALLOWABLE COMBINATIONS

APPROVED AIR HANDLER - HEATER COMBINATIONS											
AIR HANDLER	HEATER MODEL NUMBER BAYEV-										
MODEL NUMBER	AC04BK1AA 3.84 Kw BK	AC04LG1AA 3.84 Kw LG	AC05BK1AA 4.80 Kw BK	AC05LG1AA 4.80 Kw LG	AC08BK1AA 7.68 Kw BK	AC08LG1AA 7.68 Kw LG	AC10BK1AA 9.60 Kw BK	AC10LG1AA 9.60 Kw LG	BC15BK1AA 14.40 Kw BK	BC20BK1AA 19.20 Kw BK	CC25BK1AA 24.00 Kw BK
TAM8C0A24V21CB TAM8C0A24V21EA	Y	Y	Y	Y	Y	Y	Y ^⓪	Y ^⓪	-	-	-
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 ^⓪

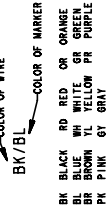
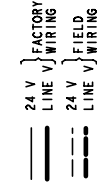
^⓪ Heater is not qualified for 208V when installed in horizontal left position without HP.

APPROVED AIR HANDLER - HEATER COMBINATIONS		
AIR HANDLER	HEATER MODEL NUMBER BAYEV-	
MODEL NUMBER	AC10LG3AA 9.60 Kw LG	BC15LG3AA 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



⚠ WARNING

HAZARDOUS VOLTAGE I
 DISCONNECT ALL ELECTRICAL POWER INCLUDING REMOTE DISCONNECTS BEFORE SERVICING.
 Failure to disconnect power before servicing can cause severe personal injury or death.

⚠ CAUTION

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

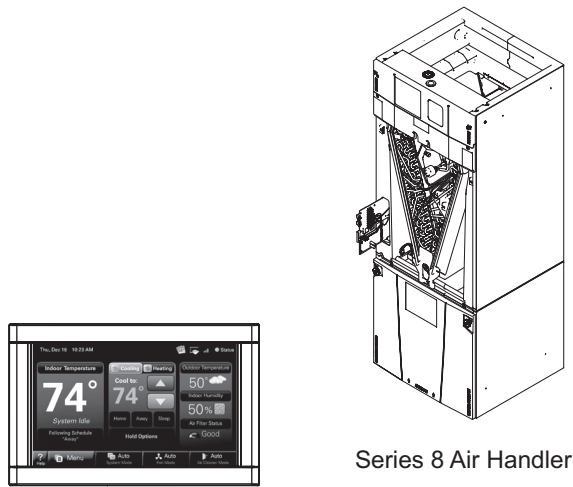
NOTES:

1. FOR 208V OPERATION, MOVE THE BLACK TRANSFORMER LEAD TO THE 208V CENTER TRANSFORMER TERMINAL ALL MODELS.
2. LINE CHOKE MAY NOT BE USED ON
3. YELLOW WIRE HARNESS IS FOR OPTIONAL ULTRA VIOLET LIGHT KIT, BA10VCLR***
4. POWER MUST BE REMOVED FROM UNIT, FOR DIP SWITCH CHANGES TO TAKE EFFECT.
5. OPTIONAL OEM CONDENSATE KIT BAYICSKIT01A MAY OR MAY NOT BE INSTALLED.
6. THE EEV MOTOR LEADS CAN BE EITHER 5 LEAD OR 6 LEAD VERSION SHOWN.

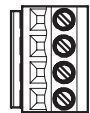
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Field Wiring

TAM8 Fully Communicating System



Comfort Control



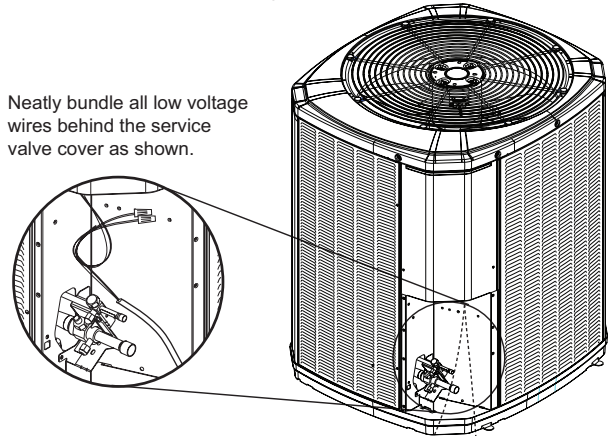
D Brown
 R Red
 B Blue



Y2
 Y1
 O
 D D - Brown
 R
 B B - Blue

Communicating Outdoor Unit

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



Brown

Blue

..... 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.

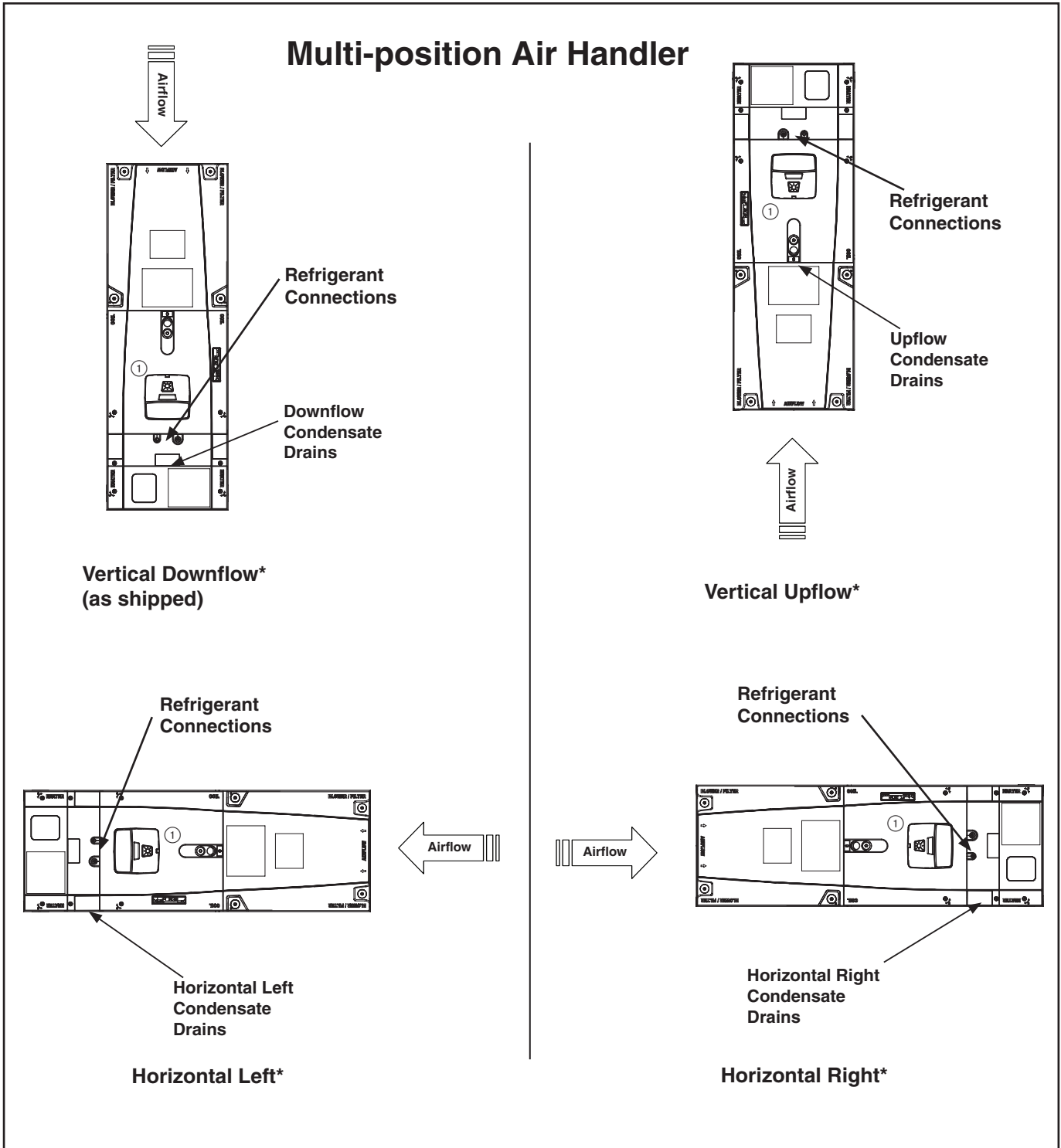


TRANE®

TAM8 Convertibility

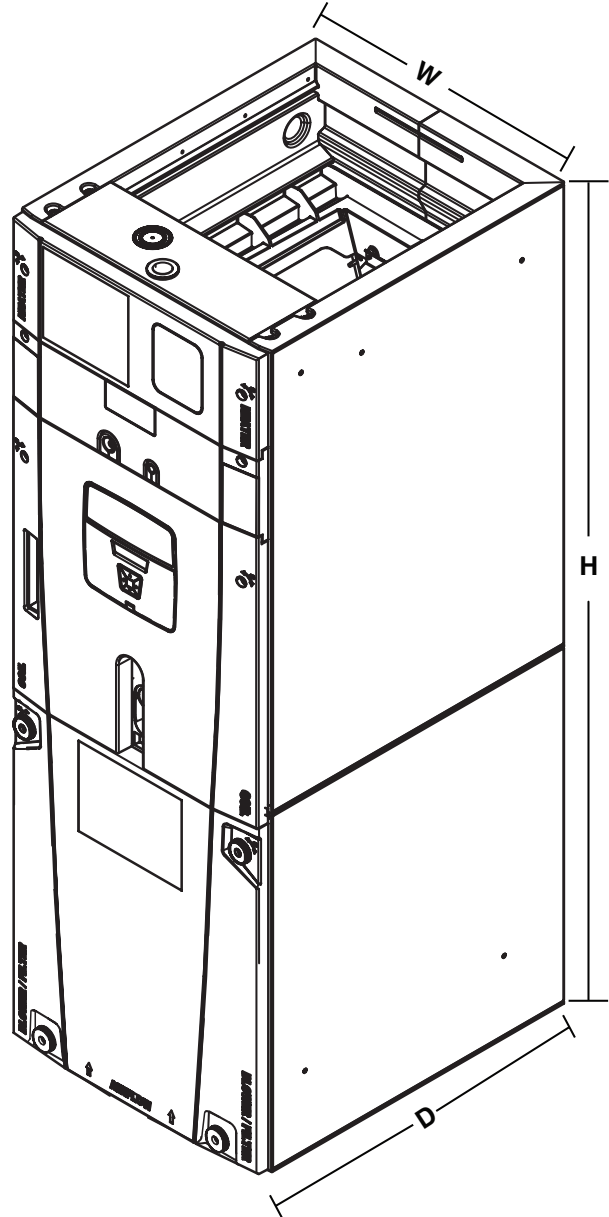
* Note: No internal modifications required for any position.

① Badge rotation will keep brand in correct position



Dimensions

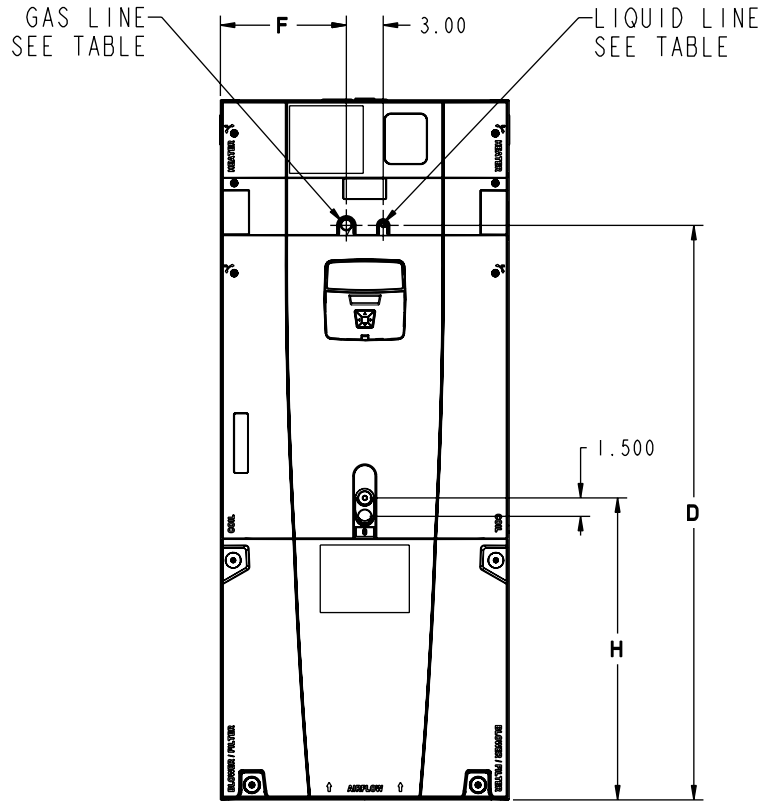
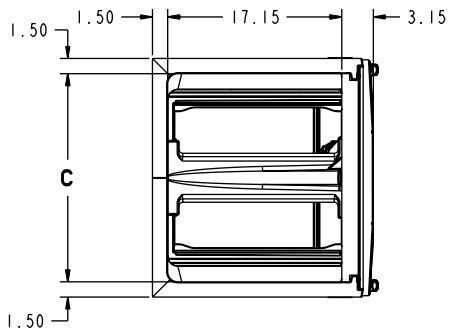
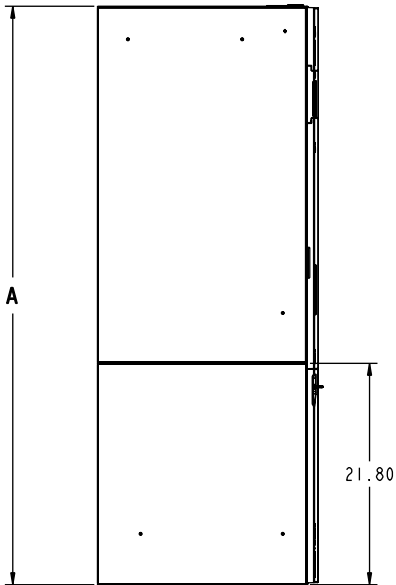
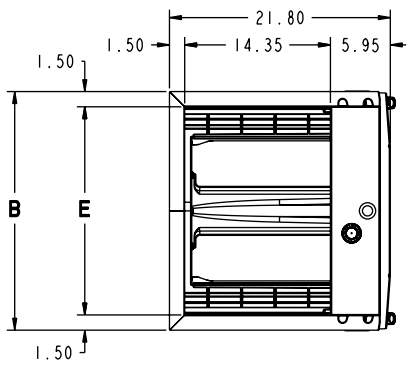
TAM8 AIR HANDLER DIMENSIONAL DATA



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



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





04/14

Trane
6200 Troup Highway
Tyler, TX 75707
www.trane.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.