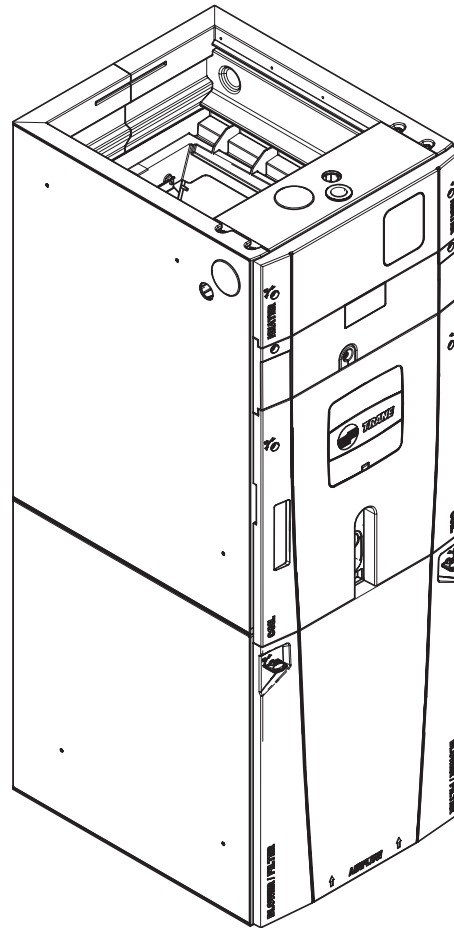




TRANE®

Variable Speed Modular Multi-position Air Handlers 2-5 Tons

TAM7A0A24H21SA
TAM7A0B30H21SA
TAM7A0C36H31SA
TAM7A0C42H31SA
TAM7A0C48H41SA
TAM7A0C60H51SA



PUB. NO. 22-1847-02



Features and Benefits

- **Air-Tite II™** cabinet
 - 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
 - \geq R-4.2 insulating value
 - 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 with 5/16" allen wrench "quick latch" design
- Multi-position up/down flow horizontal left/right
- Side return option (sold as accessory)
- Control board protection pocket built into cabinet wall
- Alert port to view control board codes without door removal
- Alert code notification
- Low voltage terminal connection point
- Quarter turn 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
- Two tone color
- Fused 24v power
- Safety door switch
- **1-year warranty**
- **10-year warranty registered**
- **Optional extended warranty available**



Contents

Features and Benefits	2
Optional Equipment	4
“Air-Tite II™” Features and Benefits	5
General Data	6
TAM7A0A24H21SA	6
TAM7A0B30H21SA	6
TAM7A0C36H31SA	6
TAM7A0C42H31SA	6
TAM7A0C48H41SA	6
TAM7A0C60H51SA	6
Performance Data	7
Electrical Data	19
Field Wiring	26
Convertibility	30
Dimensions	31

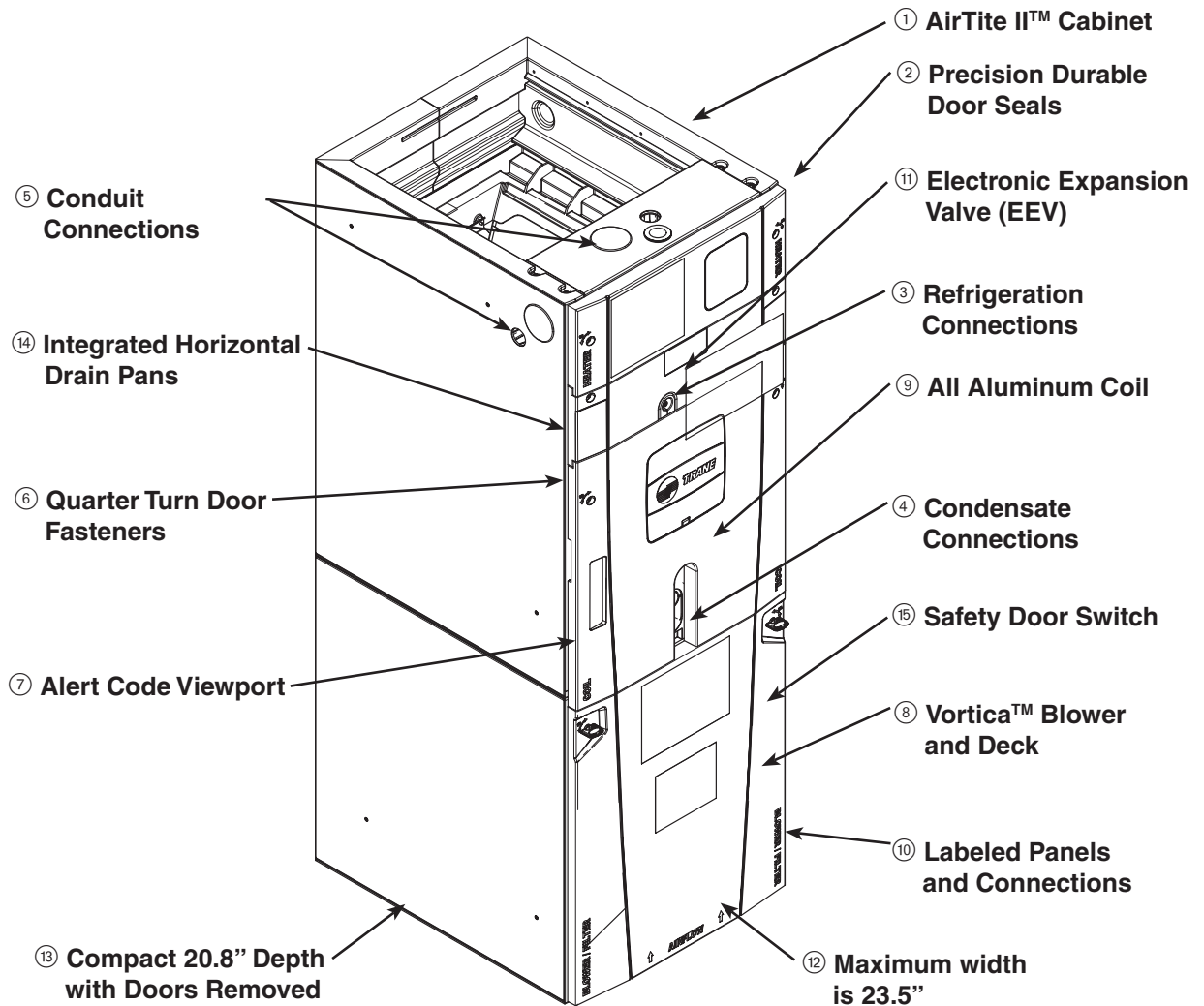


Optional Equipment

OPTIONAL EQUIPMENT FOR AIR HANDLERS

Accessory Number	Description	Fits Cabinet Size
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	B to 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
BAYRETFLGAA	Return Duct Flange A	A
BAYRETFLGB	Return Duct Flange B	B
BAYRETFLGCA	Return Duct Flange C	C
TASB175	Plenum Stand A	A
TASB215	Plenum Stand B	B
TASB235	Plenum Stand C	C
BAYSRKIT100A	Side Return Kit	A to C
BAYICKIT01A	Internal Condensate Switch Kit	A to C
BAYHHKIT001A	Horizontal Hanger Kit	A to C
BAYUVCLK001A	UVC Lights	A to C
BAYLVKIT100A	Low Voltage Conduit Entry Kit	A to C
BAYSPEKT200A	Single Power Entry Kit	A to C
BAYWVAA05SC0AAA	Hydronic Coil - 50,000 BTUH - Slide-in	A to A
BAYWVBB07SCAAA	Hydronic Coil - 70,000 BTUH - Slide-in	B to B
BAYWVCC08SC1AAA	Hydronic Coil - 80,000 BTUH - Slide-in	C to C
BAYWVCC10SC1AAA	Hydronic Coil - 100,000 BTUH - Slide-in	C to C
BAYWACC11SC1AA	Hydronic Coil - 110,000 BTUH - Add-on	C to C

“Air-Tite II™” Features and Benefits



- ① **AirTite II™ Cabinet**
 - Double wall foamed cabinet system
 - Waterproof Cabinet Design
 - \geq R-4.2 Insulating Value
 - 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 Connections** - Conduit Connections on Left, Right, and Top
- ⑥ **Quarter Turn Door Fasteners**
- 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 **5/16" Allen Wrench “Quick Latch” Modular Cabinet**



TRANE®

General Data

PRODUCT SPECIFICATIONS

MODEL	TAM7A0A24H21SA	TAM7A0B30H21SA	TAM7A0C36H31SA
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.)	51-1/2 x 19 x 23-1/2	56-1/2 x 23 x 23-1/2	57-1/4 x 25-1/4 x 23-1/2
Uncrated	49-7/8 x 17-1/2 x 21-3/4	55-11/16 x 21-5/16 x 21-3/4	56-15/16 x 23-1/2 x 21-3/4
WEIGHT			
Shipping (Lbs.)/Net (Lbs.)	127/116	150/138	157/146

PRODUCT SPECIFICATIONS

MODEL	TAM7A0C42H31SA	TAM7A0C48H41SA	TAM7A0C60H51SA
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.)	57-1/4 x 25-1/4 x 23-1/2	62-3/4 x 25-1/4 x 23-1/2	62-3/4 x 25-1/4 x 23-1/2
Uncrated	56-15/16 x 23-1/2 x 21-3/4	61-3/4 x 23-1/2 x 21-3/4	61-11/16 x 23-1/2 x 21-3/4
WEIGHT			
Shipping (Lbs.)/Net (Lbs.)	162/151	175/163	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)



Performance Data

TAM7A0A24 AIRFLOW PERFORMANCE TABLE - CONSTANT CFM

AIRFLOW PERFORMANCE - CONSTANT CFM *AM7A0A24 WITH WET COIL, NO FILTER														
OUTDOOR MULTIPLIER (TONS)	COOLING AIRFLOW SETTING	Airflow Power	EXTERNAL STATIC PRESSURE					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	360	CFM	542	547	548	547	541	390	CFM	586	599	600	599	595
	CFM/ton	Watts	38	67	101	137	175	CFM/ton	Watts	46	80	115	153	192
	380	CFM	574	583	587	588	581	410	CFM	618	633	636	637	629
	CFM/ton	Watts	43	75	110	148	185	CFM/ton	Watts	53	88	124	163	202
2 tons †	400	CFM	605	618	624	625	618	430	CFM	650	665	669	672	660
	CFM/ton	Watts	49	82	119	158	196	CFM/ton	Watts	59	96	134	174	212
	420	CFM	636	651	659	660	653	450	CFM	681	696	703	704	696
	CFM/ton	Watts	55	90	128	168	207	CFM/ton	Watts	66	104	144	185	225
2.5 tons	360	CFM	723	743	754	756	748	390	CFM	780	800	809	811	802
	CFM/ton	Watts	75	115	158	201	242	CFM/ton	Watts	94	137	182	227	268
	380	CFM	761	782	793	796	788	410	CFM	818	838	848	851	842
	CFM/ton	Watts	86	128	172	216	259	CFM/ton	Watts	106	151	198	244	287
2.5 tons	400 †	CFM	799	820	832	835	827	430	CFM	856	876	887	889	881
	CFM/ton	Watts	97	141	187	233	276	CFM/ton	Watts	119	167	215	262	307
	420	CFM	836	858	870	873	866	450	CFM	894	913	925	927	920
	CFM/ton	Watts	109	155	203	250	294	CFM/ton	Watts	134	183	233	282	327
2.5 tons	360	CFM	892	914	927	930	923	390	CFM	964	986	997	1000	992
	CFM/ton	Watts	130	179	229	278	324	CFM/ton	Watts	164	218	271	322	370
	380	CFM	939	962	974	978	971	410	CFM	1013	1034	1045	1049	1040
	CFM/ton	Watts	149	201	253	304	351	CFM/ton	Watts	188	244	299	353	400
2.5 tons	400	CFM	986	1009	1022	1026	1019	430	CFM	1063	1083	1095	1097	1089
	CFM/ton	Watts	170	225	279	332	380	CFM/ton	Watts	214	273	331	385	434
	420	CFM	1035	1058	1071	1074	1066	450	CFM	1114	1135	1145	1145	1135
	CFM/ton	Watts	194	251	308	362	411	CFM/ton	Watts	243	305	365	420	469
3 tons	360	CFM	1065	1088	1101	1103	1095	390	CFM	1160	1181	1190	1189	1157
	CFM/ton	Watts	209	269	327	382	431	CFM/ton	Watts	272	337	397	453	486
	380	CFM	1126	1149	1160	1161	1151	410	CFM	1225	1244	1249	1230	1146
	CFM/ton	Watts	244	307	367	423	472	CFM/ton	Watts	317	384	444	486	477
3 tons	400	CFM	1190	1211	1220	1218	1164	430	CFM	1291	1305	1298	1217	1135
	CFM/ton	Watts	285	350	412	467	483	CFM/ton	Watts	368	434	486	476	468
	420	CFM	1255	1273	1278	1237	1151	450	CFM	1355	1361	1285	1206	1124
	CFM/ton	Watts	331	397	459	483	475	CFM/ton	Watts	422	485	475	467	460

NOTES:

- * Models start with "A" or "T"
- † Factory Setting
- At continuous fan setting: Airflow values are approximately 50% of the listed cooling values
- Status LED will blink once per 100 CFM requested. In torque mode, actual airflow may be lower.

TAM7A0A24 MINIMUM HEATER CFM TABLE

MINIMUM HEATER AIRFLOW CFM - HEATER MATRIX							
MODEL NO.	BAYEVAC05BK1AA BAYEVAC05LG1AA	BAYEVAC08BK1AA BAYEVAC08LG1AA	BAYEVAC10BK1AA BAYEVAC10LG1AA	BAYEVAC10LG3AA	BAYEVBC15BK1AA	BAYEVBC15LG3AA	BAYEVBC20BK1AA
*AM7A0A24H21SAA	638/713	638/900	675/900	600/713	--	--	--
WITHOUT HEAT PUMP / WITH HP SEE AIR HANDLER NAMEPLATE							

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



TRANE®

Performance Data

TAM7A0A24 AIRFLOW PERFORMANCE TABLE - CONSTANT TORQUE MODE

AIRFLOW PERFORMANCE - CONSTANT TORQUE MODE (See Switch S2-5) *AM7A0A24 WITH WET COIL, NO FILTER							
OUTDOOR MULTIPLIER (TONS)	COOLING AIRFLOW SETTING	Airflow Power	EXTERNAL STATIC PRESSURE				
			0.1	0.3	0.5	0.7	0.9
1.5 tons	360 CFM/ton	CFM Watts	652 59	559 71	407 78	n/a	n/a
	380 CFM/ton	CFM Watts	679 65	593 78	464 87	167 94	n/a
	400 CFM/ton	CFM Watts	705 71	626 85	513 96	325 101	n/a
	410 CFM/ton	CFM Watts	731 78	658 93	556 105	406 112	n/a
2 tons †	360 CFM/ton	CFM Watts	809 101	746 118	666 133	563 144	428 153
	380 CFM/ton	CFM Watts	843 113	784 131	710 146	617 159	500 168
	400 † CFM/ton	CFM Watts	877 125	821 144	751 161	666 174	561 183
	410 CFM/ton	CFM Watts	911 139	858 158	792 175	712 189	615 199
2.5 tons	360 CFM/ton	CFM Watts	979 168	930 189	869 207	796 222	709 232
	380 CFM/ton	CFM Watts	1024 190	976 211	918 230	849 244	766 255
	400 CFM/ton	CFM Watts	1070 215	1023 236	967 255	901 270	821 280
	410 CFM/ton	CFM Watts	1118 242	1072 264	1018 282	953 297	877 307
3 tons	360 CFM/ton	CFM Watts	1148 261	1102 282	1048 301	985 315	910 325
	380 CFM/ton	CFM Watts	1209 301	1164 322	1111 341	1050 355	978 364
	400 CFM/ton	CFM Watts	1271 347	1227 368	1175 386	1115 399	1046 408
	410 CFM/ton	CFM Watts	1334 397	1289 418	1239 435	1180 448	1113 455

NOTES:
 1. * Models start with "A" or "T"
 2. † Factory Setting
 3. At continuous fan setting: Airflow values are approximately 50% of the listed cooling values
 4. Status LED will blink once per 100 CFM requested. In torque mode, actual airflow may be lower.

TAM7A0A24 MINIMUM HEATER CFM TABLE

MINIMUM HEATER AIRFLOW CFM - HEATER MATRIX							
MODEL NO.	BAYEVAC05BK1AA BAYEVAC05LG1AA	BAYEVAC08BK1AA BAYEVAC08LG1AA	BAYEVAC10BK1AA BAYEVAC10LG1AA	BAYEVAC10LG3AA	BAYEVBC15BK1AA	BAYEVBC15LG3AA	BAYEVBC20BK1AA
*AM7A0A24H21SAA	638/713	638/900	675/900	600/713	--	--	--
WITHOUT HEAT PUMP / WITH HP SEE AIR HANDLER NAMEPLATE							

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



Performance Data

TAM7A0B30 AIRFLOW PERFORMANCE TABLE - CONSTANT CFM

AIRFLOW PERFORMANCE - CONSTANT CFM *AM7A0B30 WITH WET COIL, NO FILTER														
OUTDOOR MULTIPLIER (TONS)	COOLING AIRFLOW SETTING	Airflow Power	EXTERNAL STATIC PRESSURE					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	360 CFM/ton	CFM Watts	591 30	560 58	533 87	509 118	482 150	390 CFM/ton	CFM Watts	630 35	609 65	588 96	566 128	540 161
	380 CFM/ton	CFM Watts	618 33	593 62	569 93	547 125	524 158	410 CFM/ton	CFM Watts	657 38	639 70	621 102	601 136	578 169
	400 CFM/ton	CFM Watts	645 37	624 67	604 99	584 132	562 166	430 CFM/ton	CFM Watts	683 42	669 75	653 109	636 143	614 177
	420 CFM/ton	CFM Watts	659 38	639 69	620 102	602 136	581 170	450 CFM/ton	CFM Watts	709 45	698 80	685 115	669 151	649 186
2 tons †	360 CFM/ton	CFM Watts	750 51	741 87	731 125	719 163	704 200	390 CFM/ton	CFM Watts	800 60	797 99	791 139	781 180	766 219
	380 CFM/ton	CFM Watts	784 57	779 95	771 134	762 174	748 213	410 CFM/ton	CFM Watts	834 66	834 107	830 150	822 192	810 233
	400 † CFM/ton	CFM Watts	818 62	816 103	811 144	803 186	792 227	430 CFM/ton	CFM Watts	868 73	871 116	869 161	864 205	853 248
	420 CFM/ton	CFM Watts	835 66	834 107	831 150	824 192	813 234	450 CFM/ton	CFM Watts	902 80	908 126	908 172	905 219	895 263
2.5 tons	360 CFM/ton	CFM Watts	904 80	908 125	909 172	907 219	898 264	390 CFM/ton	CFM Watts	967 95	977 145	982 196	982 247	974 295
	380 CFM/ton	CFM Watts	947 89	955 138	959 188	958 237	951 285	410 CFM/ton	CFM Watts	1012 106	1025 160	1033 214	1034 268	1027 318
	400 CFM/ton	CFM Watts	991 100	1002 152	1009 205	1010 257	1003 307	430 CFM/ton	CFM Watts	1057 119	1074 176	1084 234	1087 290	1078 342
	420 CFM/ton	CFM Watts	1013 106	1026 159	1034 214	1036 268	1029 318	450 CFM/ton	CFM Watts	1104 133	1124 194	1136 255	1139 314	1128 366
3 tons	360 CFM/ton	CFM Watts	1063 120	1080 177	1091 236	1094 292	1085 344	390 CFM/ton	CFM Watts	1147 147	1170 211	1184 276	1185 336	1170 389
	380 CFM/ton	CFM Watts	1120 137	1140 199	1153 262	1156 321	1444 374	410 CFM/ton	CFM Watts	1208 168	1233 238	1247 306	1245 367	1223 418
	400 CFM/ton	CFM Watts	1179 157	1202 224	1216 290	1216 351	1198 403	430 CFM/ton	CFM Watts	1271 193	1298 267	1309 337	1300 398	1271 446
	420 CFM/ton	CFM Watts	1210 168	1233 237	1247 305	1245 306	1224 417	450 CFM/ton	CFM Watts	1338 221	1363 299	1368 369	1350 427	1314 472

NOTES:
 1. * Models start with "A" or "T"
 2. † Factory Setting
 3. At continuous fan setting: Airflow values are approximately 50% of the listed cooling values
 4. Status LED will blink once per 100 CFM requested. In torque mode, actual airflow may be lower.

TAM7A0B30 MINIMUM HEATER CFM TABLE

MINIMUM HEATER AIRFLOW CFM - HEATER MATRIX							
MODEL NO.	BAYEVAC05BK1AA BAYEVAC05LG1AA	BAYEVAC08BK1AA BAYEVAC08LG1AA	BAYEVAC10BK1AA BAYEVAC10LG1AA	BAYEVAC10LG3AA	BAYEVBC15BK1AA	BAYEVBC15LG3AA	BAYEVBC20BK1AA
*AM7A0B30H21SAA	723/808	723/1020	765/1020	680/808	765/1063	850/1105	--
WITHOUT HEAT PUMP / WITH HP SEE AIR HANDLER NAMEPLATE							

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



TRANE®

Performance Data

TAM7A0B30 AIRFLOW PERFORMANCE TABLE - CONSTANT TORQUE MODE

AIRFLOW PERFORMANCE - CONSTANT TORQUE MODE (See Switch S2-5) *AM7A0B30 WITH WET COIL, NO FILTER							
OUTDOOR MULTIPLIER (TONS)	COOLING AIRFLOW SETTING	Airflow Power	EXTERNAL STATIC PRESSURE				
			0.1	0.3	0.5	0.7	0.9
1.5 tons	360 CFM/ton	CFM Watts	685 41	538 56	299 63	n/a	n/a
	380 CFM/ton	CFM Watts	711 45	572 60	359 68	n/a	n/a
	400 CFM/ton	CFM Watts	738 49	605 65	410 73	n/a	n/a
	420 CFM/ton	CFM Watts	751 50	621 67	434 76	n/a	n/a
2 tons †	360 CFM/ton	CFM Watts	840 66	726 85	575 96	344 99	n/a
	380 CFM/ton	CFM Watts	874 72	764 92	622 104	419 107	n/a
	400 † CFM/ton	CFM Watts	908 79	802 100	667 113	484 117	n/a
	420 CFM/ton	CFM Watts	924 83	820 104	689 118	513 122	180 132
2.5 tons	360 CFM/ton	CFM Watts	1017 105	921 129	804 144	658 150	454 148
	380 CFM/ton	CFM Watts	1061 117	968 142	856 158	719 165	538 163
	400 CFM/ton	CFM Watts	1106 131	1016 156	908 174	779 182	614 180
	420 CFM/ton	CFM Watts	1129 138	1040 164	934 182	808 190	650 189
3 tons	360 CFM/ton	CFM Watts	1182 156	1095 182	993 201	873 211	727 210
	380 CFM/ton	CFM Watts	1241 178	1157 205	1059 225	945 235	809 236
	400 CFM/ton	CFM Watts	1304 203	1221 231	1127 252	1018 263	890 265
	420 CFM/ton	CFM Watts	1337 217	1255 246	1162 267	1055 279	931 281

NOTES:
 1. * Models start with "A" or "T"
 2. † Factory Setting
 3. At continuous fan setting: Airflow values are approximately 50% of the listed cooling values
 4. Status LED will blink once per 100 CFM requested. In torque mode, actual airflow may be lower.

TAM7A0B30 MINIMUM HEATER CFM TABLE

MINIMUM HEATER AIRFLOW CFM - HEATER MATRIX							
MODEL NO.	BAYEVAC05BK1AA BAYEVAC05LG1AA	BAYEVAC08BK1AA BAYEVAC08LG1AA	BAYEVAC10BK1AA BAYEVAC10LG1AA	BAYEVAC10LG3AA	BAYEVBC15BK1AA	BAYEVBC15LG3AA	BAYEVBC20BK1AA
*AM7A0B30H21SAA	723/808	723/1020	765/1020	680/808	765/1063	850/1105	--
WITHOUT HEAT PUMP / WITH HP SEE AIR HANDLER NAMEPLATE							

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



Performance Data

TAM7A0C36 AIRFLOW PERFORMANCE TABLE - CONSTANT CFM

AIRFLOW PERFORMANCE - CONSTANT CFM *AM7A0C36 WITH WET COIL, NO FILTER														
OUTDOOR MULTIPLIER (TONS)	COOLING AIRFLOW SETTING	Airflow Power	EXTERNAL STATIC PRESSURE					HEATING AIRFLOW SETTING	Airflow Power	EXTERNAL STATIC PRESSURE				
			0.1	0.3	0.5	0.7	0.9			0.1	0.3	0.5	0.7	0.9
2 tons	350	CFM	724	704	694	695	698	400	CFM	813	797	794	799	806
	CFM/ton	Watts	44	77	111	148	185	CFM/ton	Watts	57	94	133	174	215
	370	CFM	759	744	738	740	742	420	CFM	849	837	835	841	849
	CFM/ton	Watts	49	84	120	158	197	CFM/ton	Watts	63	102	142	185	228
2.5 tons	390	CFM	795	784	780	783	786	440	CFM	884	876	876	883	891
	CFM/ton	Watts	54	91	129	169	209	CFM/ton	Watts	69	110	153	197	242
	410	CFM	830	823	822	824	827	450	CFM	902	895	897	902	912
	CFM/ton	Watts	60	99	139	180	222	CFM/ton	Watts	72	114	158	203	249
2.5 tons	350	CFM	879	876	877	881	884	400	CFM	992	991	998	1005	1014
	CFM/ton	Watts	68	110	153	197	240	CFM/ton	Watts	91	138	188	237	287
	370	CFM	923	924	927	932	936	420	CFM	1036	1040	1048	1057	1064
	CFM/ton	Watts	77	121	167	213	258	CFM/ton	Watts	101	152	204	256	307
3 tons †	390	CFM	968	971	977	983	987	440	CFM	1081	1089	1099	1110	1116
	CFM/ton	Watts	86	133	181	230	277	CFM/ton	Watts	113	167	221	277	330
	410	CFM	1012	1020	1028	1034	1039	450	CFM	1105	1113	1125	1136	1141
	CFM/ton	Watts	96	146	197	248	298	CFM/ton	Watts	119	174	231	287	341
3 tons †	350	CFM	1036	1044	1053	1060	1064	400	CFM	1175	1189	1203	1214	1215
	CFM/ton	Watts	102	153	206	257	308	CFM/ton	Watts	140	200	261	321	377
	370 †	CFM	1090	1102	1114	1122	1123	420	CFM	1234	1251	1267	1275	1272
	CFM/ton	Watts	116	171	227	282	334	CFM/ton	Watts	159	223	288	351	406
3.5 tons	390	CFM	1145	1161	1176	1184	1184	440	CFM	1295	1315	1331	1335	1325
	CFM/ton	Watts	132	191	251	309	363	CFM/ton	Watts	180	250	318	381	435
	410	CFM	1204	1223	1238	1246	1242	450	CFM	1327	1348	1362	1364	1350
	CFM/ton	Watts	150	213	277	337	391	CFM/ton	Watts	192	264	336	406	470
3.5 tons	350	CFM	1199	1218	1233	1241	1237	400	CFM	1380	1403	1414	1409	1389
	CFM/ton	Watts	149	211	274	335	389	CFM/ton	Watts	214	289	360	422	472
	370	CFM	1269	1291	1307	1311	1300	420	CFM	1459	1478	1481	1467	1395
	CFM/ton	Watts	172	240	307	370	423	CFM/ton	Watts	248	327	397	456	476
3.5 tons	390	CFM	1342	1367	1380	1378	1358	440	CFM	1538	1550	1542	1504	1388
	CFM/ton	Watts	200	273	343	405	456	CFM/ton	Watts	287	366	433	478	472
	410	CFM	1419	1442	1449	1438	1394	450	CFM	1575	1583	1570	1501	1385
	CFM/ton	Watts	232	309	380	440	478	CFM/ton	Watts	307	385	450	477	470

NOTES:
 1. * Models start with "A" or "T"
 2. † Factory Setting
 3. At continuous fan setting: Airflow values are approximately 50% of the listed cooling values
 4. Status LED will blink once per 100 CFM requested. In torque mode, actual airflow may be lower.

TAM7A0C36 MINIMUM HEATER CFM TABLE

MINIMUM HEATER AIRFLOW CFM - HEATER MATRIX							
MODEL NO.	BAYEVAC05BK1AA BAYEVAC05LG1AA	BAYEVAC08BK1AA BAYEVAC08LG1AA	BAYEVAC10BK1AA BAYEVAC10LG1AA	BAYEVAC10LG3AA	BAYEVBC15BK1AA	BAYEVBC15LG3AA	BAYEVBC20BK1AA
*AM7A0C36H31SAA	876/979	876/1236	927/1236	824/979	927/1288	1030/1339	1236/1442
WITHOUT HEAT PUMP / WITH HP SEE AIR HANDLER NAMEPLATE							

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



TRANE®

Performance Data

TAM7A0C36 AIRFLOW PERFORMANCE TABLE - CONSTANT TORQUE MODE

AIRFLOW PERFORMANCE - CONSTANT TORQUE MODE (See Switch S2-5) *AM7A0C36 WITH WET COIL, NO FILTER							
OUTDOOR MULTIPLIER (TONS)	COOLING AIRFLOW SETTING	Airflow Power	EXTERNAL STATIC PRESSURE				
			0.1	0.3	0.5	0.7	0.9
2 tons	350	CFM	858	706	530	297	19
	CFM/ton	Watts	63	77	85	90	163
	370	CFM	892	747	585	387	84
	CFM/ton	Watts	69	84	93	98	135
2.5 tons	390	CFM	924	787	635	460	213
	CFM/ton	Watts	75	91	102	107	120
	410	CFM	957	826	683	524	329
	CFM/ton	Watts	82	99	111	117	123
2.5 tons	350	CFM	1026	905	776	639	488
	CFM/ton	Watts	97	116	130	138	143
	370	CFM	1067	952	830	702	565
	CFM/ton	Watts	107	127	142	151	157
3 tons †	390	CFM	1110	999	883	762	634
	CFM/ton	Watts	118	139	155	166	172
	410	CFM	1153	1047	935	820	700
	CFM/ton	Watts	130	153	170	181	187
3 tons †	350	CFM	1175	1070	961	848	731
	CFM/ton	Watts	137	160	177	189	196
	370 †	CFM	1229	1129	1024	916	805
	CFM/ton	Watts	154	178	196	209	217
3.5 tons	390	CFM	1285	1188	1087	984	877
	CFM/ton	Watts	173	198	218	231	240
	410	CFM	1343	1249	1152	1051	948
	CFM/ton	Watts	195	221	241	256	264
3.5 tons	350	CFM	1338	1244	1146	1046	942
	CFM/ton	Watts	193	219	239	254	262
	370	CFM	1408	1317	1223	1126	1025
	CFM/ton	Watts	222	249	270	285	294
3.5 tons	390	CFM	1481	1393	1301	1206	1108
	CFM/ton	Watts	255	282	304	320	329
	410	CFM	1555	1468	1379	1286	1189
	CFM/ton	Watts	291	319	341	357	367

NOTES:
 1. * Models start with "A" or "T"
 2. † Factory Setting
 3. At continuous fan setting: Airflow values are approximately 50% of the listed cooling values
 4. Status LED will blink once per 100 CFM requested. In torque mode, actual airflow may be lower.

TAM7A0C36 MINIMUM HEATER CFM TABLE

MINIMUM HEATER AIRFLOW CFM - HEATER MATRIX							
MODEL NO.	BAYEVAC05BK1AA BAYEVAC05LG1AA	BAYEVAC08BK1AA BAYEVAC08LG1AA	BAYEVAC10BK1AA BAYEVAC10LG1AA	BAYEVAC10LG3AA	BAYEVBC15BK1AA	BAYEVBC15LG3AA	BAYEVBC20BK1AA
*AM7A0C36H31SAA	876/979	876/1236	927/1236	824/979	927/1288	1030/1339	1236/1442
WITHOUT HEAT PUMP / WITH HP SEE AIR HANDLER NAMEPLATE							

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



Performance Data

TAM7A0C42 AIRFLOW PERFORMANCE TABLE - CONSTANT CFM

AIRFLOW PERFORMANCE - CONSTANT CFM														
*AM7A0C42 WITH WET COIL, NO FILTER														
OUTDOOR MULTIPLIER (TONS)	COOLING AIRFLOW SETTING	Airflow Power	EXTERNAL STATIC PRESSURE					HEATING AIRFLOW SETTING	Airflow Power	EXTERNAL STATIC PRESSURE				
			0.1	0.3	0.5	0.7	0.9			0.1	0.3	0.5	0.7	0.9
2.5 tons	330	CFM	853	832	820	815	813	360	CFM	912	897	893	895	901
	CFM/ton	Watts	68	108	149	191	232	CFM/ton	Watts	82	125	170	217	264
	350	CFM	896	880	870	867	866	380	CFM	956	945	943	946	951
	CFM/ton	Watts	76	119	162	162	250	CFM/ton	Watts	92	137	185	234	283
3 tons	370	CFM	939	926	920	918	918	400	CFM	1000	992	992	997	1002
	CFM/ton	Watts	85	130	176	222	268	CFM/ton	Watts	102	151	201	253	304
	390	CFM	983	973	969	968	969	420	CFM	1044	1040	1042	1047	1052
	CFM/ton	Watts	95	143	191	240	288	CFM/ton	Watts	114	166	219	273	325
3.5 tons †	330	CFM	996	987	984	984	983	360	CFM	1071	1069	1072	1078	1082
	CFM/ton	Watts	99	147	196	246	294	CFM/ton	Watts	122	175	230	285	339
	350	CFM	1049	1043	1044	1045	1045	380	CFM	1126	1127	1132	1139	1142
	CFM/ton	Watts	112	164	217	269	320	CFM/ton	Watts	138	195	254	312	368
4 tons	370	CFM	1101	1100	1103	1106	1107	400	CFM	1181	1186	1193	1200	1201
	CFM/ton	Watts	127	183	239	294	348	CFM/ton	Watts	157	218	280	341	399
	390	CFM	1156	1159	1164	1167	1168	420	CFM	1239	1247	1256	1261	1259
	CFM/ton	Watts	144	203	264	322	379	CFM/ton	Watts	177	243	309	373	432
3.5 tons †	330	CFM	1142	1143	1148	1152	1152	360	CFM	1239	1247	1256	1261	1259
	CFM/ton	Watts	140	198	257	315	370	CFM/ton	Watts	177	243	309	373	432
	350	CFM	1208	1212	1220	1224	1222	380	CFM	1308	1319	1329	1331	1323
	CFM/ton	Watts	162	224	288	350	407	CFM/ton	Watts	205	276	346	412	470
4 tons	370 †	CFM	1274	1283	1293	1295	1289	400	CFM	1381	1394	1401	1398	1332
	CFM/ton	Watts	187	254	323	387	445	CFM/ton	Watts	237	313	386	452	475
	390	CFM	1344	1357	1366	1364	1345	420	CFM	1456	1468	1471	1443	1323
	CFM/ton	Watts	215	289	361	427	479	CFM/ton	Watts	275	355	429	481	470
4 tons	330	CFM	1299	1309	1318	1321	1313	360	CFM	1423	1436	1441	1434	1326
	CFM/ton	Watts	196	266	336	401	459	CFM/ton	Watts	258	337	410	475	472
	350	CFM	1380	1394	1401	1398	1339	380	CFM	1511	1520	1517	1436	1317
	CFM/ton	Watts	232	307	381	447	477	CFM/ton	Watts	304	386	459	477	466
4 tons	370	CFM	1466	1479	1481	1451	1327	400	CFM	1598	1599	1536	1426	1308
	CFM/ton	Watts	273	354	428	482	470	CFM/ton	Watts	356	437	472	470	461
	390	CFM	1553	1561	1544	1438	1315	420	CFM	1679	1620	1534	1417	1301
	CFM/ton	Watts	320	403	470	475	465	CFM/ton	Watts	409	451	471	464	456

NOTES:
 1. * Models start with "A" or "T"
 2. † Factory Setting
 3. At continuous fan setting: Airflow values are approximately 50% of the listed cooling values
 4. Status LED will blink once per 100 CFM requested. In torque mode, actual airflow may be lower.

TAM7A0C42 MINIMUM HEATER CFM TABLE

MINIMUM HEATER AIRFLOW CFM - HEATER MATRIX							
MODEL NO.	BAYEVAC05BK1AA BAYEVAC05LG1AA	BAYEVAC08BK1AA BAYEVAC08LG1AA	BAYEVAC10BK1AA BAYEVAC10LG1AA	BAYEVAC10LG3AA	BAYEVBC15BK1AA	BAYEVBC15LG3AA	BAYEVBC20BK1AA
*AM7A0C42H31SAA	978/1093	978/1380	1035/1380	920/1093	1035/1438	1150/1495	1380/1610
WITHOUT HEAT PUMP / WITH HP SEE AIR HANDLER NAMEPLATE							

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



TRANE®

Performance Data

TAM7A0C42 AIRFLOW PERFORMANCE TABLE - CONSTANT TORQUE MODE

AIRFLOW PERFORMANCE - CONSTANT TORQUE MODE (See Switch S2-5) *AM7A0C42 WITH WET COIL, NO FILTER							
OUTDOOR MULTIPLIER (TONS)	COOLING AIRFLOW SETTING	Airflow Power	EXTERNAL STATIC PRESSURE				
			0.1	0.3	0.5	0.7	0.9
2.5 tons	330	CFM	988	861	712	523	208
	CFM/ton	Watts	96	114	125	128	143
	350	CFM	1030	909	768	597	353
	CFM/ton	Watts	107	126	137	141	144
3 tons	370	CFM	1072	956	823	665	458
	CFM/ton	Watts	118	139	151	155	155
	390	CFM	1115	1003	877	729	546
	CFM/ton	Watts	131	152	165	170	169
3 tons	330	CFM	1128	1017	892	748	570
	CFM/ton	Watts	135	156	170	175	174
	350	CFM	1180	1074	956	821	662
	CFM/ton	Watts	152	174	189	196	194
3 tons	370	CFM	1233	1132	1019	893	747
	CFM/ton	Watts	171	195	210	218	217
	390	CFM	1288	1190	1083	964	828
	CFM/ton	Watts	192	217	234	242	242
3.5 tons †	330	CFM	1274	1175	1067	946	808
	CFM/ton	Watts	187	211	228	236	236
	350	CFM	1340	1245	1142	1028	901
	CFM/ton	Watts	214	239	257	267	268
3.5 tons †	370 †	CFM	1408	1317	1218	1110	991
	CFM/ton	Watts	245	272	291	301	303
	390	CFM	1479	1390	1295	1192	1080
	CFM/ton	Watts	280	308	328	340	343
4 tons	330	CFM	1457	1368	1272	1167	1053
	CFM/ton	Watts	268	296	316	327	330
	350	CFM	1538	1452	1360	1260	1153
	CFM/ton	Watts	312	340	361	374	378
4 tons	370	CFM	1618	1534	1445	1350	1248
	CFM/ton	Watts	359	389	411	425	429
	390	CFM	1693	1611	1525	1432	1333
	CFM/ton	Watts	409	439	462	476	481

NOTES:
 1. * Models start with "A" or "T"
 2. † Factory Setting
 3. At continuous fan setting: Airflow values are approximately 50% of the listed cooling values
 4. Status LED will blink once per 100 CFM requested. In torque mode, actual airflow may be lower.

TAM7A0C42 MINIMUM HEATER CFM TABLE

MINIMUM HEATER AIRFLOW CFM - HEATER MATRIX							
MODEL NO.	BAYEVAC05BK1AA BAYEVAC05LG1AA	BAYEVAC08BK1AA BAYEVAC08LG1AA	BAYEVAC10BK1AA BAYEVAC10LG1AA	BAYEVAC10LG3AA	BAYEVBC15BK1AA	BAYEVBC15LG3AA	BAYEVBC20BK1AA
*AM7A0C42H31SAA	978/1093	978/1380	1035/1380	920/1093	1035/1438	1150/1495	1380/1610
WITHOUT HEAT PUMP / WITH HP SEE AIR HANDLER NAMEPLATE							

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



Performance Data

TAM7A0C48 AIRFLOW PERFORMANCE TABLE - CONSTANT CFM

AIRFLOW PERFORMANCE - CONSTANT CFM *AM7A0C48 WITH WET COIL, NO FILTER														
OUTDOOR MULTIPLIER (TONS)	COOLING AIRFLOW SETTING	Airflow Power	EXTERNAL STATIC PRESSURE					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
3 tons	330 CFM/ton	CFM Watts	1101 92	1017 143	1015 190	1006 232	994 270	380 CFM/ton	CFM Watts	1150 128	1155 184	1154 237	1150 286	1141 330
	350 CFM/ton	CFM Watts	1067 106	1073 158	1072 208	1065 252	1053 292	400 CFM/ton	CFM Watts	1204 145	1210 203	1210 259	1207 310	1199 356
	370 CFM/ton	CFM Watts	1122 120	1129 175	1128 227	1122 274	1112 315	420 CFM/ton	CFM Watts	1259 162	1266 224	1267 282	1264 335	1258 384
	390 CFM/ton	CFM Watts	1177 136	1185 194	1185 248	1180 297	1170 341	440 CFM/ton	CFM Watts	1314 182	1322 246	1324 307	1322 363	1316 413
3.5 tons	330 CFM/ton	CFM Watts	1164 132	1171 189	1171 242	1165 291	1156 334	380 CFM/ton	CFM Watts	1323 185	1331 250	1333 250	1331 368	1325 418
	350 CFM/ton	CFM Watts	1228 152	1235 212	1236 268	1232 319	1224 365	400 CFM/ton	CFM Watts	1388 211	1398 279	1400 343	1399 403	1395 457
	370 CFM/ton	CFM Watts	1292 174	1300 237	1302 296	1299 350	1292 399	420 CFM/ton	CFM Watts	1455 240	1465 312	1468 379	1469 441	1463 497
	390 CFM/ton	CFM Watts	1356 198	1366 265	1369 327	1367 384	1361 435	440 CFM/ton	CFM Watts	1523 272	1534 347	1538 418	1538 483	1534 542
4 tons †	330 CFM/ton	CFM Watts	1315 212	1324 247	1326 307	1323 362	1316 412	380 CFM/ton	CFM Watts	1502 262	1514 337	1518 406	1518 471	1514 529
	350 † CFM/ton	CFM Watts	1389 212	1399 280	1403 343	1401 402	1395 455	400 CFM/ton	CFM Watts	1582 302	1594 382	1598 454	1598 522	1591 581
	370 CFM/ton	CFM Watts	1465 245	1476 317	1481 384	1480 446	1475 502	420 CFM/ton	CFM Watts	1664 348	1675 421	1680 508	1678 577	1669 638
	390 CFM/ton	CFM Watts	1543 283	1555 359	1560 430	1560 495	1554 553	440 CFM/ton	CFM Watts	1748 400	1758 486	1760 565	1755 634	1708 668
4.5 tons **	330 CFM/ton	CFM Watts	1470 247	1481 319	1486 387	1485 449	1480 505	380 CFM/ton	CFM Watts	1695 367	1706 451	1710 528	1707 598	1697 659
	350 CFM/ton	CFM Watts	1558 290	1570 367	1575 439	1575 505	1568 563	400 CFM/ton	CFM Watts	1790 428	1799 515	1799 594	1792 664	1700 661
	370 CFM/ton	CFM Watts	1649 340	1661 422	1666 497	1664 565	1655 625	420 CFM/ton	CFM Watts	1885 496	1889 584	1884 662	1783 656	1683 648
	390 CFM/ton	CFM Watts	1742 397	1754 483	1756 561	1751 630	1708 666	440 CFM/ton	CFM Watts	1976 568	1973 655	1871 652	1765 643	1667 636

NOTES:

- * Models start with "A" or "T"
- ** Not an actual OD size
- † Factory Setting
- At continuous fan setting: Airflow values are approximately 50% of the listed cooling values
- Status LED will blink once per 100 CFM requested. In torque mode, actual airflow may be lower.

TAM7A0C48 MINIMUM HEATER CFM TABLE

MINIMUM HEATER AIRFLOW CFM - HEATER MATRIX								
MODEL NO.	BAYEVAC05BK1AA BAYEVAC05LG1AA	BAYEVAC08BK1AA BAYEVAC08LG1AA	BAYEVAC10BK1AA BAYEVAC10LG1AA	BAYEVAC10LG3AA	BAYEVBC15BK1AA	BAYEVBC15LG3AA	BAYEVBC20BK1AA	BAYEVCC25BK1AA
*AM7A0C48H41SAA	1063/1188	1063/1500	1125/1500	1000/1188	1125/1563	1250/1625	1500/1750	1625/1813
WITHOUT HEAT PUMP / WITH HP SEE AIR HANDLER NAMEPLATE								

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



TRANE®

Performance Data

TAM7A0C48 AIRFLOW PERFORMANCE TABLE - CONSTANT TORQUE MODE

AIRFLOW PERFORMANCE - CONSTANT TORQUE MODE (See Switch S2-5) *AM7A0C48 WITH WET COIL, NO FILTER							
OUTDOOR MULTIPLIER (TONS)	COOLING AIRFLOW SETTING	Airflow Power	EXTERNAL STATIC PRESSURE				
			0.1	0.3	0.5	0.7	0.9
3 tons	330	CFM	1127	1020	907	786	654
	CFM/ton	Watts	117	143	163	173	174
	350	CFM	1180	1078	972	859	738
	CFM/ton	Watts	132	160	180	192	194
3.5 tons	370	CFM	1233	1136	1035	929	816
	CFM/ton	Watts	149	177	199	212	215
	390	CFM	1287	1194	1097	996	890
	CFM/ton	Watts	167	196	219	233	238
4 tons †	330	CFM	1274	1179	1082	980	872
	CFM/ton	Watts	162	191	214	227	232
	350	CFM	1336	1246	1153	1056	955
	CFM/ton	Watts	185	215	238	253	259
4 tons †	370	CFM	1400	1313	1224	1132	1036
	CFM/ton	Watts	210	241	265	281	288
	390	CFM	1465	1381	1295	1207	1115
	CFM/ton	Watts	238	270	295	312	320
4 tons †	330	CFM	1443	1358	1271	1181	1088
	CFM/ton	Watts	228	260	284	301	308
	350 †	CFM	1517	1436	1352	1266	1177
	CFM/ton	Watts	262	295	321	338	346
4.5 tons **	370	CFM	1594	1516	1435	1352	1267
	CFM/ton	Watts	301	335	361	379	388
	390	CFM	1673	1597	1519	1439	1356
	CFM/ton	Watts	346	380	406	425	434
4.5 tons **	330	CFM	1599	1521	1440	1357	1272
	CFM/ton	Watts	304	337	364	382	391
	350	CFM	1688	1613	1535	1455	1373
	CFM/ton	Watts	354	389	415	434	444
4.5 tons **	370	CFM	1780	1707	1632	1554	1475
	CFM/ton	Watts	412	447	474	493	503
	390	CFM	1873	1801	1728	1653	1576
	CFM/ton	Watts	477	512	539	558	567

NOTES:
 1. * Models start with "A" or "T"
 2. ** Not an actual OD size
 3. † Factory Setting
 4. At continuous fan setting: Airflow values are approximately 50% of the listed cooling values
 5. Status LED will blink once per 100 CFM requested. In torque mode, actual airflow may be lower.

TAM7A0C48 MINIMUM HEATER CFM TABLE

MINIMUM HEATER AIRFLOW CFM - HEATER MATRIX								
MODEL NO.	BAYEVAC05BK1AA BAYEVAC05LG1AA	BAYEVAC08BK1AA BAYEVAC08LG1AA	BAYEVAC10BK1AA BAYEVAC10LG1AA	BAYEVAC10LG3AA	BAYEVBC15BK1AA	BAYEVBC15LG3AA	BAYEVBC20BK1AA	BAYEVCC25BK1AA
*AM7A0C48H41SAA	1063/1188	1063/1500	1125/1500	1000/1188	1125/1563	1250/1625	1500/1750	1625/1813
WITHOUT HEAT PUMP / WITH HP SEE AIR HANDLER NAMEPLATE								

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



Performance Data

TAM7A0C60 AIRFLOW PERFORMANCE TABLE - CONSTANT CFM

AIRFLOW PERFORMANCE - CONSTANT CFM *AM7A0C60 WITH WET COIL, NO FILTER														
OUTDOOR MULTIPLIER (TONS)	COOLING AIRFLOW SETTING	Airflow Power	EXTERNAL STATIC PRESSURE					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
3.5 tons	370 CFM/ton	CFM Watts	1316 194	1328 258	1328 314	1320 364	1308 406	400 CFM/ton	CFM Watts	1404 205	1424 275	1426 337	1419 391	1410 440
	380 CFM/ton	CFM Watts	1349 207	1360 272	1359 329	1352 380	1338 422	410 CFM/ton	CFM Watts	1437 218	1455 289	1457 351	1451 407	1441 456
	390 CFM/ton	CFM Watts	1381 220	1391 286	1390 344	1383 396	1370 439	420 CFM/ton	CFM Watts	1467 230	1487 303	1489 367	1482 423	1474 474
	400 CFM/ton	CFM Watts	1413 234	1422 300	1421 360	1415 412	1402 456	430 CFM/ton	CFM Watts	1500 244	1516 317	1519 382	1515 441	1505 491
4 tons	370 CFM/ton	CFM Watts	1485 269	1493 337	1493 398	1486 452	1475 498	400 CFM/ton	CFM Watts	1586 285	1600 360	1604 428	1601 490	1592 543
	380 CFM/ton	CFM Watts	1521 287	1529 356	1528 418	1522 474	1511 520	410 CFM/ton	CFM Watts	1622 303	1636 379	1640 449	1638 512	1629 566
	390 CFM/ton	CFM Watts	1557 306	1564 376	1564 440	1559 496	1548 544	420 CFM/ton	CFM Watts	1659 322	1672 399	1677 471	1675 535	1667 591
	400 CFM/ton	CFM Watts	1593 326	1600 397	1600 462	1595 519	1585 568	430 CFM/ton	CFM Watts	1695 342	1708 421	1713 493	1712 559	1705 616
4.5 tons**†	370 † CFM/ton	CFM Watts	1652 360	1659 433	1660 500	1655 559	1646 610	400 CFM/ton	CFM Watts	1769 385	1782 467	1789 543	1788 611	1783 671
	380 CFM/ton	CFM Watts	1694 386	1701 460	1701 528	1697 589	1688 641	410 CFM/ton	CFM Watts	1811 411	1826 495	1831 572	1832 643	1827 704
	390 CFM/ton	CFM Watts	1736 413	1742 489	1744 558	1740 620	1732 673	420 CFM/ton	CFM Watts	1854 439	1869 525	1875 604	1877 676	1872 739
	400 CFM/ton	CFM Watts	1778 442	1785 519	1786 590	1783 653	1776 707	430 CFM/ton	CFM Watts	1898 468	1913 556	1919 637	1921 711	1918 777
5 tons	370 CFM/ton	CFM Watts	1826 475	1833 555	1835 627	1832 692	1826 748	400 CFM/ton	CFM Watts	1963 515	1978 606	1985 689	1988 766	1985 833
	380 CFM/ton	CFM Watts	1875 512	1882 593	1884 667	1882 733	1876 791	410 CFM/ton	CFM Watts	2014 554	2029 647	2037 733	2040 811	2038 880
	390 CFM/ton	CFM Watts	1924 551	1932 634	1935 710	1933 777	1927 836	420 CFM/ton	CFM Watts	2066 595	2082 691	2090 779	2093 859	2090 928
	400 CFM/ton	CFM Watts	1975 593	1983 678	1986 755	1985 824	1979 884	430 CFM/ton	CFM Watts	2120 640	2136 738	2143 828	2147 909	2143 980

NOTES:
 1. * Models start with "A" or "T"
 2. ** Not an actual OD size
 3. † Factory Setting
 4. At continuous fan setting: Airflow values are approximately 50% of the listed cooling values
 5. Status LED will blink once per 100 CFM requested. In torque mode, actual airflow may be lower.

TAM7A0C60 MINIMUM HEATER CFM TABLE

MINIMUM HEATER AIRFLOW CFM - HEATER MATRIX								
MODEL NO.	BAYEVAC05BK1AA BAYEVAC05LG1AA	BAYEVAC08BK1AA BAYEVAC08LG1AA	BAYEVAC10BK1AA BAYEVAC10LG1AA	BAYEVAC10LG3AA	BAYEVBC15BK1AA	BAYEVBC15LG3AA	BAYEVBC20BK1AA	BAYEVCC25BK1AA
*AM7A0C60H51SAA	1063/1188	1063/1500	1125/1500	1000/1188	1125/1563	1250/1625	1500/1750	1625/1813
WITHOUT HEAT PUMP / WITH HP SEE AIR HANDLER NAMEPLATE								

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



TRANE®

Performance Data

TAM7A0C60 AIRFLOW PERFORMANCE TABLE - CONSTANT TORQUE MODE

AIRFLOW PERFORMANCE - CONSTANT TORQUE MODE (See Switch S2-5)							
*AM7A0C60 WITH WET COIL, NO FILTER							
OUTDOOR MULTIPLIER (TONS)	COOLING AIRFLOW SETTING	Airflow Power	EXTERNAL STATIC PRESSURE				
			0.1	0.3	0.5	0.7	0.9
3.5 tons	370	CFM	1404	1330	1244	1146	1033
	CFM/ton	Watts	201	234	260	276	280
	380	CFM	1435	1362	1278	1183	1074
	CFM/ton	Watts	213	247	273	290	295
3.5 tons	390	CFM	1466	1394	1312	1220	1115
	CFM/ton	Watts	225	260	287	304	310
	400	CFM	1496	1426	1346	1256	1154
	CFM/ton	Watts	238	273	301	319	325
4 tons	370	CFM	1583	1516	1441	1357	1263
	CFM/ton	Watts	278	314	342	362	370
	380	CFM	1618	1552	1479	1396	1305
	CFM/ton	Watts	295	331	360	380	389
4 tons	390	CFM	1654	1589	1516	1436	1347
	CFM/ton	Watts	313	350	379	400	409
	400	CFM	1689	1625	1554	1475	1389
	CFM/ton	Watts	332	369	399	420	430
4.5 tons**†	370 †	CFM	1748	1685	1616	1540	1456
	CFM/ton	Watts	365	403	433	454	465
	380	CFM	1789	1727	1659	1584	1503
	CFM/ton	Watts	390	427	458	480	491
4.5 tons**†	390	CFM	1831	1770	1703	1629	1549
	CFM/ton	Watts	416	454	484	506	518
	400	CFM	1873	1813	1747	1675	1597
	CFM/ton	Watts	443	481	512	534	546
5 tons	370	CFM	1921	1862	1797	1726	1650
	CFM/ton	Watts	476	515	545	568	580
	380	CFM	1971	1912	1848	1778	1703
	CFM/ton	Watts	512	550	581	603	616
5 tons	390	CFM	2021	1963	1900	1832	1758
	CFM/ton	Watts	550	588	619	641	654
	400	CFM	2073	2015	1953	1886	1814
	CFM/ton	Watts	590	629	660	682	695

NOTES:

- * Models start with "A" or "T"
- ** Not an actual OD size
- † Factory Setting
- At continuous fan setting: Airflow values are approximately 50% of the listed cooling values
- Status LED will blink once per 100 CFM requested. In torque mode, actual airflow may be lower.

TAM7A0C60 MINIMUM HEATER CFM TABLE

MINIMUM HEATER AIRFLOW CFM - HEATER MATRIX								
MODEL NO.	BAYEVAC05BK1AA BAYEVAC05LG1AA	BAYEVAC08BK1AA BAYEVAC08LG1AA	BAYEVAC10BK1AA BAYEVAC10LG1AA	BAYEVAC10LG3AA 1000/1188	BAYEVC15BK1AA 1125/1563	BAYEVCB15LG3AA 1250/1625	BAYEVC20BK1AA 1500/1750	BAYEVCC25BK1AA 1625/1813
*AM7A0C60H51SAA	1063/1188	1063/1500	1125/1500	1000/1188	1125/1563	1250/1625	1500/1750	1625/1813
WITHOUT HEAT PUMP / WITH HP SEE AIR HANDLER NAMEPLATE								

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



TRANE®

Electrical Data

Heater Attribute Data											
*AM7A0A24H21SA											
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
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

Note: * May be "A" or "T"
Note: ** Motor Amps

Heater Attribute Data											
*AM7A0B30H21SA											
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
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: * May be "A" or "T"
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

Heater Attribute Data											
*AM7A0C36H31SA											
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
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: * May be "A" or "T"
 Note: ** Motor Amps
 ① MCA and MOP for circuit 1 contains the motor amps

Heater Attribute Data											
*AM7A0C42H31SA											
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
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: * May be "A" or "T"
 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

Heater Attribute Data											
*AM7A0C48H41SA											
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
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: * May be "A" or "T"
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

Heater Attribute Data											
*AM7A0C60H51SA											
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
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: * May be "A" or "T"
 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

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 7 air handlers.



TRANE®

Electrical Data

TAM7 AIR HANDLER AND HEATER MATRIX - ALLOWBLE COMBINATIONS

APPROVED AIR HANDLER - HEATER COMBINATIONS									
AIR HANDLER	HEATER MODEL NUMBER BAYEV-								
MODEL NUMBER	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
*AM7A0A24H21SA	Y	Y	Y	Y	Y	Y	-	-	-
*AM7A0B30H21SA	Y	Y	Y	Y	Y	Y	Y	-	-
*AM7A0C36H31SA	Y	Y	Y	Y	Y	Y	Y	Y	-
*AM7A0C42H31SA	Y	Y	Y	Y	Y	Y	Y	Y	-
*AM7A0C48H41SA	Y	Y	Y	Y	Y	Y	Y	Y	Y
*AM7A0C60H51SA	Y	Y	Y	Y	Y	Y	Y	Y	Y

APPROVED AIR HANDLER - HEATER COMBINATIONS		
AIR HANDLER	HEATER MODEL NUMBER BAYEV-	
MODEL NUMBER	AC10LG3AA 9.60 Kw LG	BC15LG3AA 14.4 Kw LG
*AM7A0A24H21SA	Y	-
*AM7A0B30H21SA	Y	Y
*AM7A0C36H31SA	Y	Y
*AM7A0C42H31SA	Y	Y
*AM7A0C48H41SA	Y	Y
*AM7A0C60H51SA	Y	Y



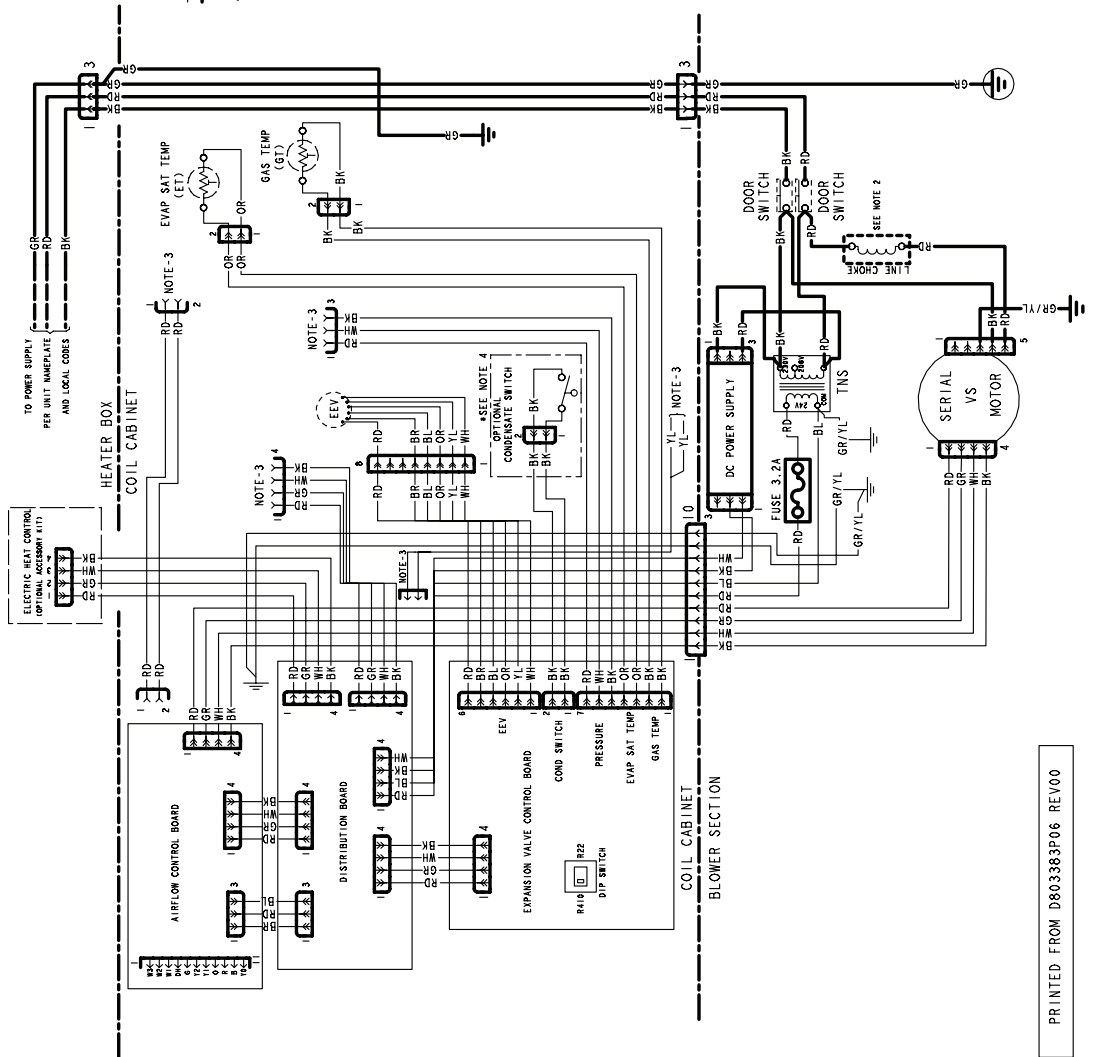
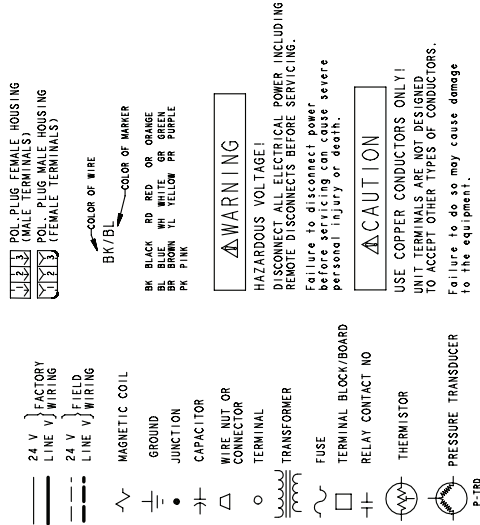
TRANE®

Electrical Data

WIRING DIAGRAM FOR TAM7 AIR HANDLERS

Note: ET sensor wiring may be brown

LEGEND



- NOTES:
- FOR 208V OPERATION, MOVE THE BLACK TRANSFORMER LEAD TO THE 208V CENTER TRANSFORMER TERMINAL
 - LINE CHOKES MAY NOT BE USED ON ALL MODELS.
 - SUPPLY AIR TEMP, PRESSURE TRANSDUCER, INTERFACE BOARD AND UV HARNESS NOT USED ON THIS MODEL.
 - OPTIONAL OEM CONDENSATE KIT BAYCISKIT*** MAY OR MAY NOT BE INSTALLED.
 - POWER MUST BE REMOVED FROM UNIT, FOR DIP SWITCH CHANGES TO TAKE EFFECT.

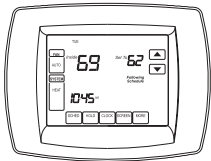
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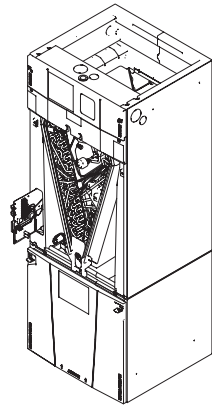
TRANE®

Field Wiring

Single Stage Cooling



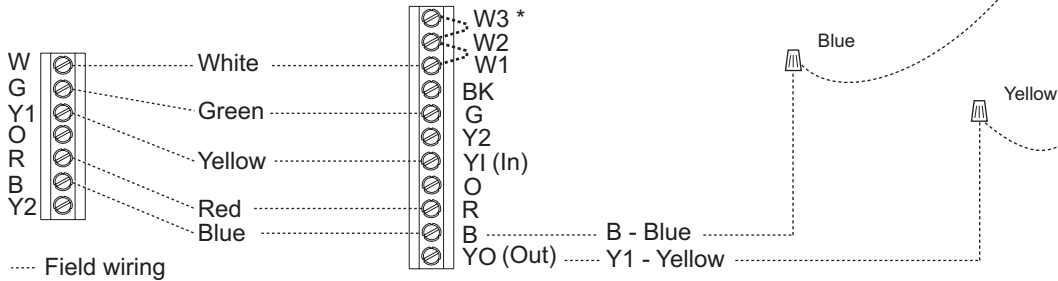
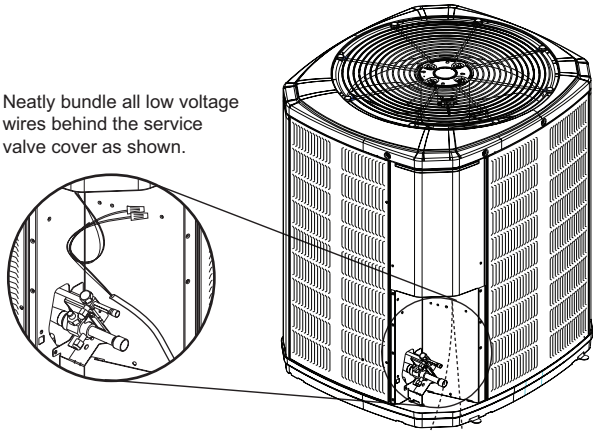
Comfort Control



Air Handler

Air Conditioner

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

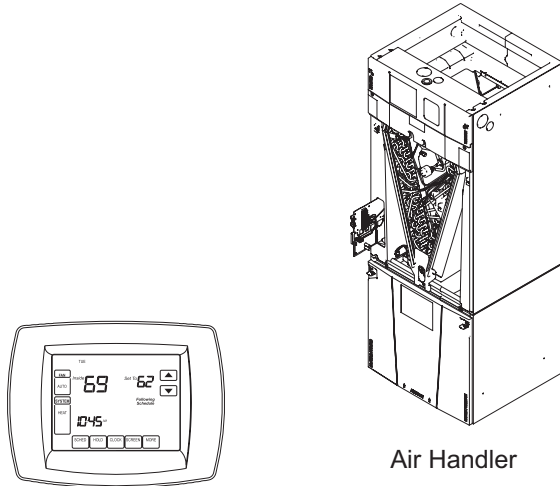


- * For multiple stages of electric heat, jumper W1, W2, and W3 together if comfort control has only one stage of heat.
- Y1 and YO connections must be made as shown for freeze protection and internally mounted condensate overflow circuits to work properly.
- Internally mounted condensate switch is optional and must be ordered separately.
- If 3rd party condensate overflow switches are installed, they should be wired in series between YO and Y to the outdoor unit.

Field Wiring

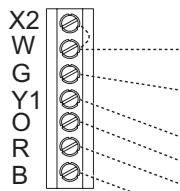
Single Stage HP

Heat Pump

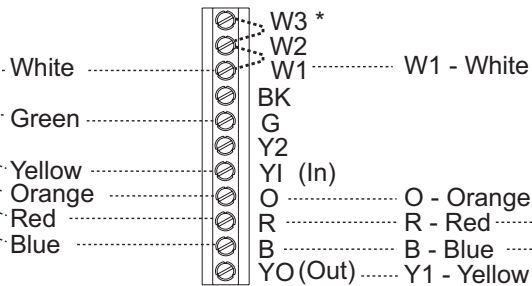


Air Handler

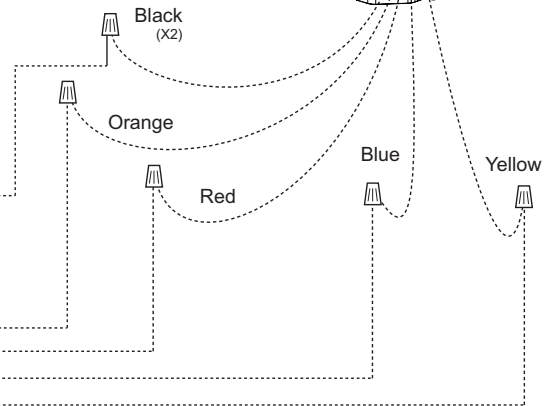
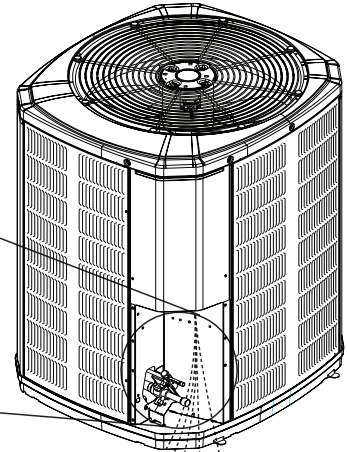
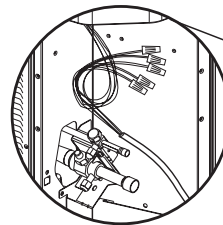
Comfort Control



..... Field wiring



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



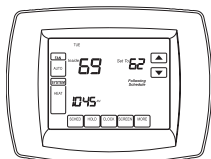
- * For multiple stages of electric heat, jumper W1, W2, and W3 together if comfort control has only one stage of heat
- Y1 and YO connections must be made as shown for freeze protection and internally mounted condensate overflow circuits to work properly
- Internally mounted condensate switch is optional and must be ordered separately
- If a 3rd party condensate overflow switch is installed, it should be wired in series between YO and Y to the outdoor unit



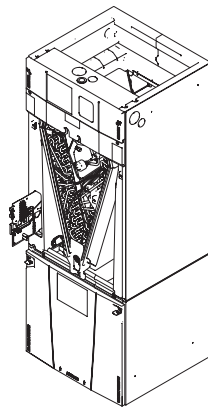
TRANE®

Field Wiring

Two Stage Cooling



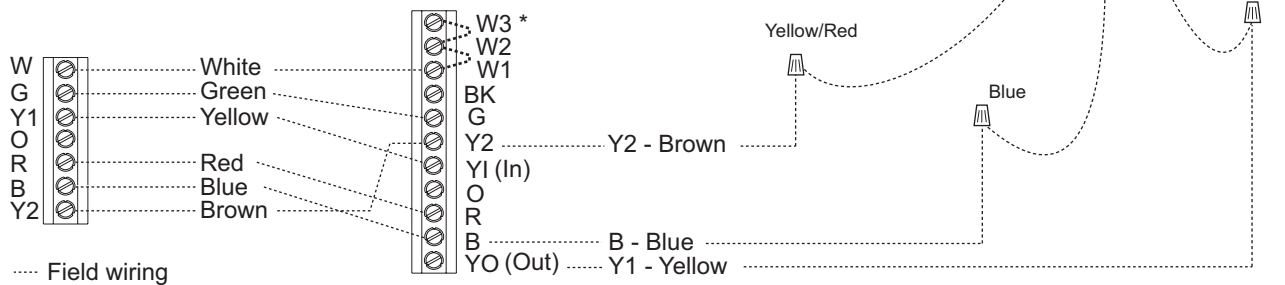
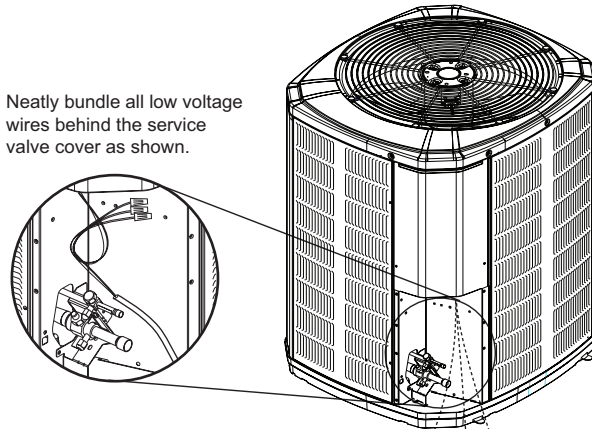
Comfort Control



Air Handler

Air Conditioner

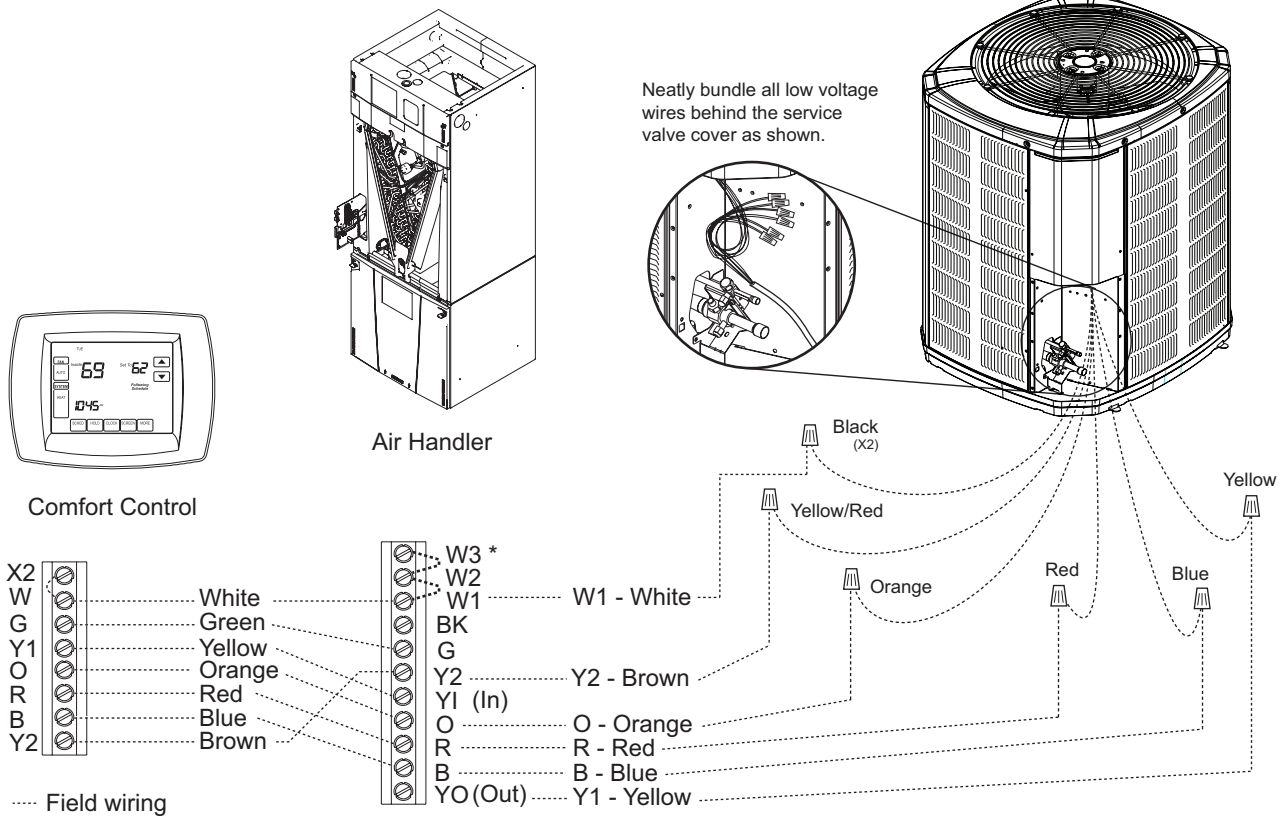
Neatly bundle all low voltage wires behind the service valve cover as shown.



- * For multiple stages of electric heat, jumper W1, W2, and W3 together if comfort control has only one stage of heat.
- Y1 and YO connections must be made as shown for freeze protection and internally mounted condensate overflow circuits to work properly.
- Internally mounted condensate switch is optional and must be ordered separately.
- If 3rd party condensate overflow switches are installed, they should be wired in series between YO and Y to the outdoor unit.

Field Wiring

Two Stage HP



- * For multiple stages of electric heat, jumper W1, W2, and W3 together if comfort control has only one stage of heat
- Y1 and YO connections must be made as shown for freeze protection and internally mounted condensate overflow circuits to work properly
- Internally mounted condensate switch is optional and must be ordered separately
- If a 3rd party condensate overflow switch is installed, it should be wired in series between YO and Y to the outdoor unit

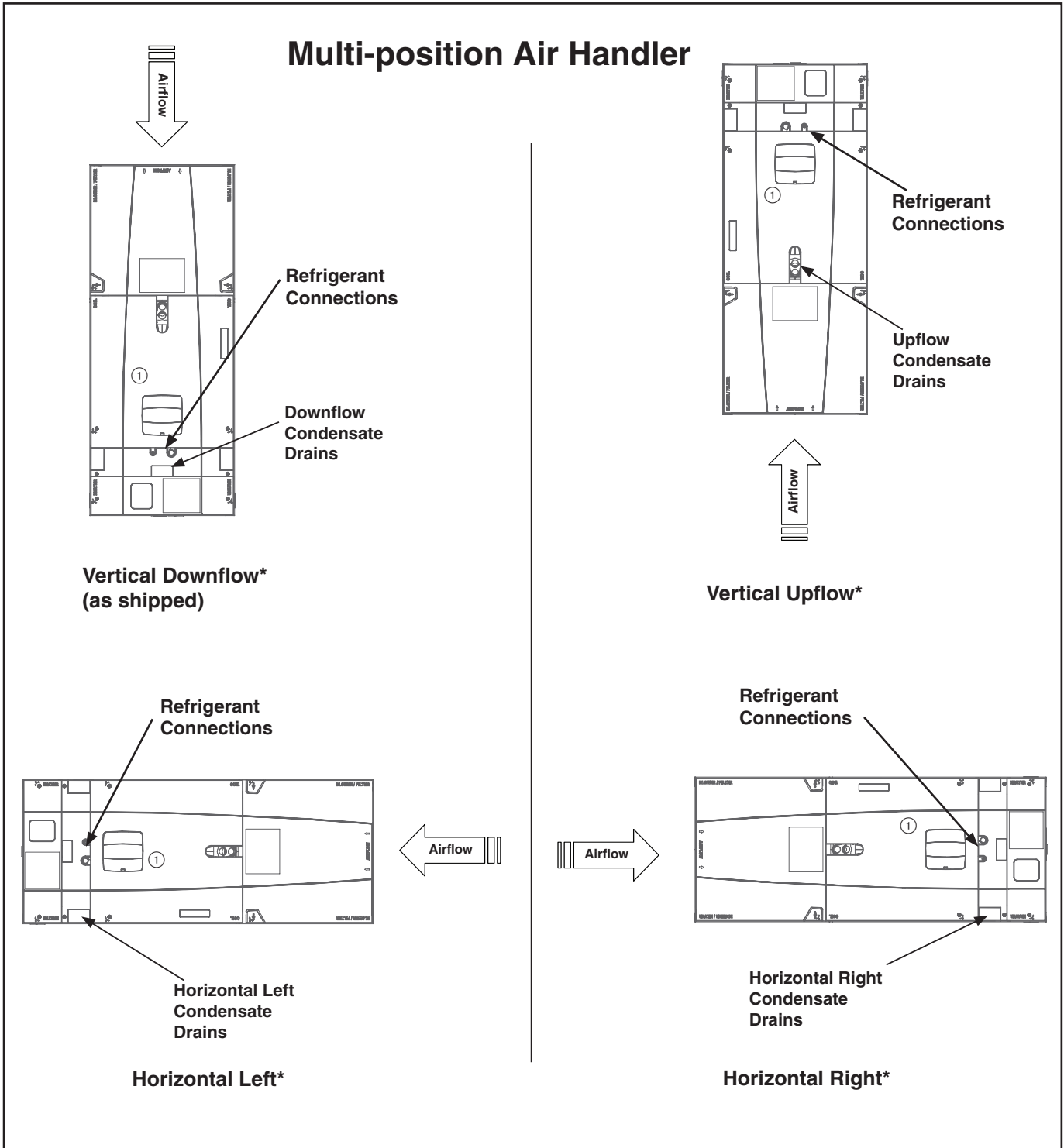


TRANE®

TAM7 Convertibility

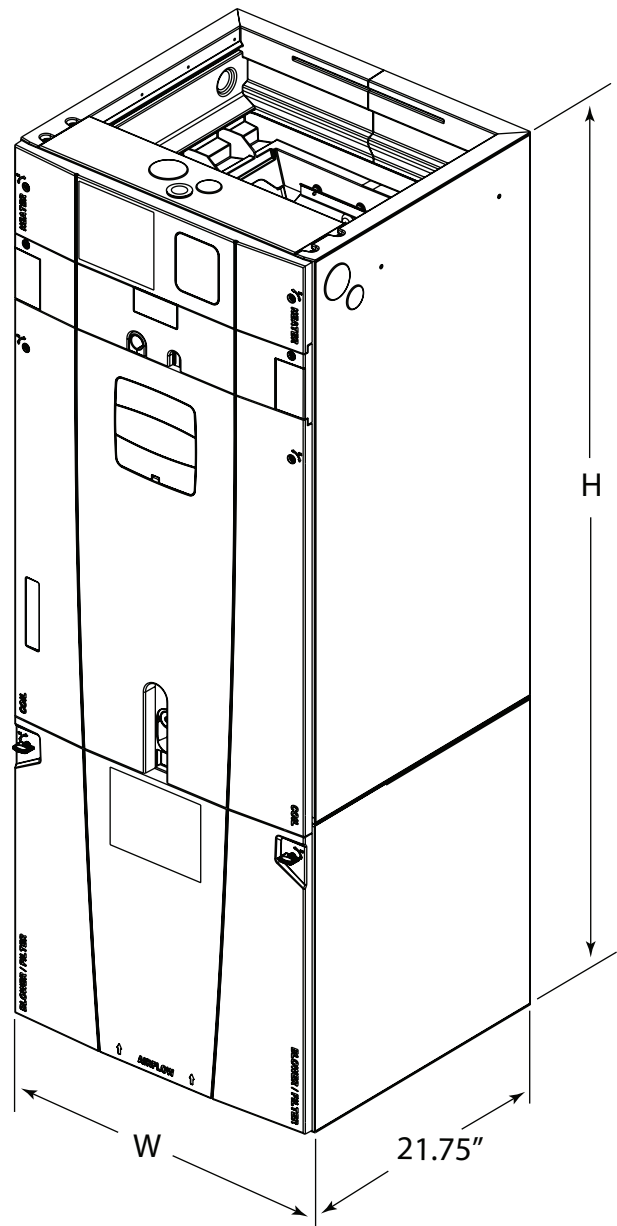
* Note: No internal modifications required for any position.

① Badge rotation will keep brand in correct position



Dimensions

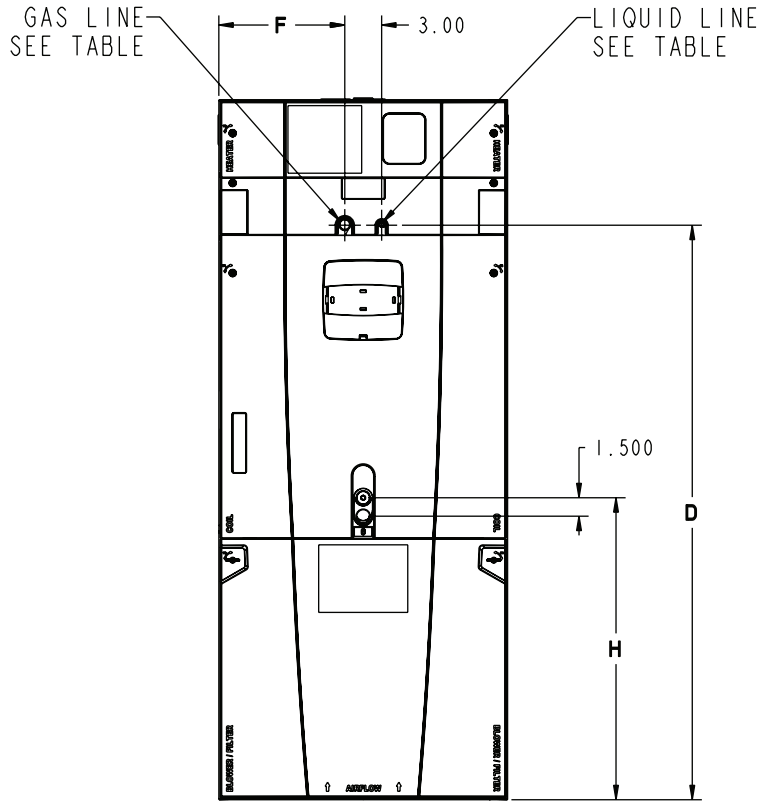
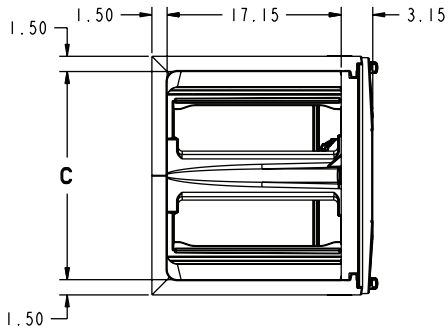
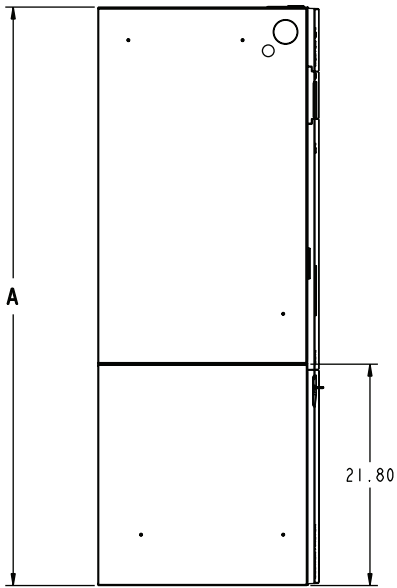
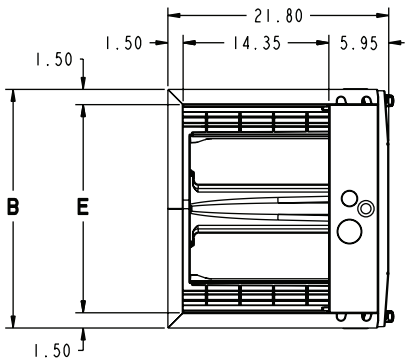
TAM7 AIR HANDLER DIMENSIONAL DATA



Model No.	H	W
TAM7A0A24	49.9	17.5
TAM7A0B30	55.7	21.3
TAM7A0C36	56.9	23.5
TAM7A0C42	56.9	23.5
TAM7A0C48	61.7	23.5
TAM7A0C60	61.7	23.5

TAM7 AIR HANDLERS ARE ALL TWO
PIECE CABINETS.

TAM7 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
*AM7A0A24H21SA	49.9	17.5	14.5	39.6	14.5	7.3	24.4	EEV	3/4	3/8
*AM7A0B30H21SA	55.7	21.3	18.4	45.5	18.4	9.2	24.8	EEV	3/4	3/8
*AM7A0C36H31SA	56.9	23.5	20.5	46.7	20.5	10.3	24.2	EEV	7/8	3/8
*AM7A0C42H31SA	56.9	23.5	20.5	46.7	20.5	10.3	24.5	EEV	7/8	3/8
*AM7A0C48H41SA	61.7	23.5	20.5	51.5	20.5	10.3	24.9	EEV	7/8	3/8
*AM7A0C60H51SA	61.7	23.5	20.5	51.5	20.5	10.3	24.9	EEV	7/8	3/8

* May be "A" or "T"





04/11

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.