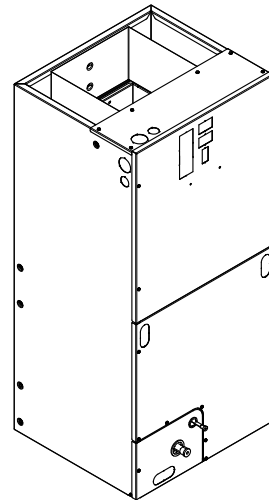


# Product Data

## Convertible Air Handlers 1-1/2 – 5 Ton

TEM8A0B24V21DA  
TEM8A0B30V31DA  
TEM8A0C36V31DA  
TEM8A0C42V41DA  
TEM8A0C48V41DA  
TEM8A0D48V41DA  
TEM8A0C60V51DA  
TEM8A0D60V51DA



*The TEM8 series air handler is designed for installation in a closet, utility room, alcove, basement, crawlspace or attic. These versatile units are applicable to air conditioning and heat pump applications. Several models are available to meet the specific requirements of the outdoor equipment. Field installed electric resistance heaters are available.*

## Features and Benefits

- Communicating or 24 V control
- Painted metal cabinet with captured foil face insulation
- 2% or less air leakage
- R-4.2 Insulating Value
- Multi-Position UP/Down Flow, Horizontal Left /Right
- ALL Aluminum Coil with Enhanced Patented Coil Fin
- Electric Heaters with polarized plug connections (sold as accessory)
- R-410A Thermal Expansion Valve
- Variable Speed ECM Motor
- Low Voltage Pigtail Connections
- Draw Through Design
- Horizontal Drain Pan
- Single Color
- Fused 24V Power
- **3 year warranty**
- **10-year warranty registered**
- **Optional extended warranty available**

## Optional Equipment

Accessory Number	Description	Fits Model
TEMBRKSEALKT	Breaker Seal Kit	TEM8A0B24-TEM8A0D60
BAYHTR1504BRKC	Electric Heater, 4KW, Breaker, 24V Control, 1 Ph	TEM8A0B24-TEM8A0D60
BAYHTR1504LUGB	Electric Heater, 4KW, Lug, 24V Control, 1 Ph	TEM8A0B24-TEM8A0D60
BAYHTR1505BRKC	Electric Heater, 5KW, Breaker, 24V Control, 1 Ph	TEM8A0B24-TEM8A0D60
BAYHTR1505LUGB	Electric Heater, 5KW, Lug, 24V Control, 1 Ph	TEM8A0B24-TEM8A0D60
BAYHTR1508BRKC	Electric Heater, 8KW, Breaker, 24V Control, 1 Ph	TEM8A0B24-TEM8A0D60
BAYHTR1508LUGB	Electric Heater, 8KW, Lug, 24V Control, 1 Ph	TEM8A0B24-TEM8A0D60
BAYHTR1510BRKC	Electric Heater, 10KW, Breaker, 24V Control, 1 Ph	TEM8A0B24-TEM8A0D60
BAYHTR1510LUGB	Electric Heater, 10KW, Lug, 24V Control, 1 Ph	TEM8A0B24-TEM8A0D60
BAYHTR1516BRKA	Electric Heater, 15KW, Breaker, 24V Control, 1 Ph	TEM8A0B24-TEM8A0D60
BAYHTR3510LUGC	Electric Heater, 10KW, Lug, 24V Control, 3 Ph	TEM8A0B24-TEM8A0D60
BAYHTR3515LUGC	Electric Heater, 15KW, Lug, 24V Control, 3Ph	TEM8A0B24-TEM8A0D60
BAYHTR1522BRKA	Electric Heater, 20KW, Breaker, 24V Control, 1 Ph	TEM8A0B36-TEM8A0D60
BAYHTR1525BRKA	Electric Heater, 25KW, Breaker, 24V Control, 1 Ph	TEM8A0B48-TEM8A0D60
BAYTEMSPFG1A/B	Supply Duct Flange Kit	TEM8A0B24-TEM8A0D60
BAYSPEKT201A	Single Point Power Entry Kit	TEM8A0B24-TEM8A0D60
TAYBASETEMA	Downflow Sub-Base, Adjustable	TEM8A0B24-TEM8A0D60
TAYBASE185	Air Handler Downflow Sub-Bases	TEM8A0B24-TEM8A0B30
TAYBASE235 (TAYBASE 100)	Air Handler Downflow Sub-Bases	TEM8A0C36-TEM8A0C42
TAYBASE260	Air Handler Downflow Sub-Bases	TEM8A0D48-TEM8A0D60
BAY6TXV2442A	R-22 TXV Conversion Kit	TEM8A0B24-TEM8A0C42
BAY6TXV4860A	R-22 TXV Conversion Kit	TEM8A0D48-TEM8A0D60
BAYATXV6161C	R-22 TXV Conversion Kit	TEM8A0C48-TEM8A0C60
BAYSF1185AAA	Slim Fit Filter Box	18.5"
BAYSF1235AAA	Slim Fit Filter Box	23.5"
BAYSF1265AAA	Slim Fit Filter Box	26.5"

## Product Specifications

<b>MODEL</b>	TEM8A0B24V21DA	TEM8A0B30V31DA	TEM8A0C36V31DA
<b>RATED VOLTS/PH/HZ</b>	208-230/1/60	208-230/1/60	208-230/1/60
<b>RATINGS</b> <sup>(a)</sup>	See O.D. Specifications	See O.D. Specifications	See O.D. Specifications
<b>INDOOR COIL — Type</b>	Plate Fin	Plate Fin	Plate Fin
Rows — F.P.I.	4 - 14	4 - 14	4 - 14
Face Area (sq. ft.)	3.44	3.44	4.59
Tube Size (in.)	3/8	3/8	3/8
Refrigerant Control	TXV	TXV	TXV
Drain Conn. Size (in.) <sup>(b)</sup>	3/4 NPT	3/4 NPT	3/4 NPT
<b>DUCT CONNECTIONS</b>	See Outline Drawing	See Outline Drawing	See Outline Drawing
<b>INDOOR FAN — Type</b>	Centrifugal	Centrifugal	Centrifugal
Diameter-Width (In.)	10 X 8	10 X 8	11 X 10
No. Used	1	1	1
Drive - No. Speeds	Direct - 16	Direct - 16	Direct - 16
CFM vs. in. w.g.	See Fan Performance Table	See Fan Performance Table	See Fan Performance Table
No. Motors — H.P.	1 - 1/3	1 - 1/3	1 - 1/2
Motor Speed R.P.M.	Variable	Variable	Variable
Volts/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60
F.L. Amps	2.8	2.8	4.3
<b>FILTER</b>			
Filter Furnished? <sup>(c)</sup>	No	No	No
<b>REFRIGERANT</b>	<b>R-410A</b>	<b>R-410A</b>	<b>R-410A</b>
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
<b>DIMENSIONS</b>	H x W x D	H x W x D	H x W x D
Crated (In.)	48-1/4 x 22-1/2 x 25-1/2	48-1/4 x 22-1/2 x 25-1/2	52-3/4 x 27-1/2 x 25-1/2
Uncrated	46-3/4 x 18-1/2 x 21-1/8	46-3/4 x 18-1/2 x 21-1/8	51-3/8 x 23-1/2 x 21-1/8
<b>WEIGHT</b>			
Shipping (Lbs.) / Net (Lbs.)	126/117	126/117	155/144

<sup>(a)</sup> These Air Handlers are A.H.R.I certified with various Split System Air Conditioners and Heat Pumps (AHRI STANDARD 210/240). Refer to the Split System Outdoor Unit Product Data Guides for performance data.

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

<sup>(c)</sup> Remote filter required.

## Product Specifications

MODEL	TEM8A0C42V41DA	TEM8A0C48V41DA	TEM8A0C60V51DA
<b>RATED VOLTS/PH/HZ</b>	208-230/1/60	208-230/1/60	208-230/1/60
<b>RATINGS</b> <sup>(a)</sup>	See O.D. Specifications	See O.D. Specifications	See O.D. Specifications
<b>INDOOR COIL — Type</b>	Plate Fin	Plate Fin	Plate Fin
Rows — F.P.I.	4 - 14	3 - 16	3 - 16
Face Area (sq. ft.)	4.59	7.9	7.9
Tube Size (in.)	3/8	3/8	3/8
Refrigerant Control	TXV	TXV	TXV
Drain Conn. Size (in.) <sup>(b)</sup>	3/4 NPT	3/4 NPT	3/4 NPT
<b>DUCT CONNECTIONS</b>	See Outline Drawing	See Outline Drawing	See Outline Drawing
<b>INDOOR FAN — Type</b>	Centrifugal	Centrifugal	Centrifugal
Diameter-Width (In.)	11 X 10	11 X 10	11 X 10
No. Used	1	1	1
Drive - No. Speeds	Direct - 16	Direct - 16	Direct - 16
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 - 3/4
Motor Speed R.P.M.	Variable	Variable	Variable
Volts/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60
F.L. Amps	4.3	6.8	6.8
<b>FILTER</b>			
Filter Furnished? <sup>(c)</sup>	No	No	No
<b>REFRIGERANT</b>	<b>R-410A</b>	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
<b>DIMENSIONS</b>	H x W x D	H x W x D	H x W x D
Crated (In.)	52-3/4 x 27-1/2 x 25-1/2	57-1/8 x 27-1/2 x 25-1/2	57-1/8 x 27-1/2 x 25-1/2
Uncrated	51-3/8 x 23-1/2 x 21-1/8	55-3/4 x 23-1/2 x 21-1/8	55-3/4 x 23-1/2 x 21-1/8
<b>WEIGHT</b>			
Shipping (Lbs.) / Net (Lbs.)	155/144	185/174	185/174

<sup>(a)</sup> These Air Handlers are A.H.R.I certified with various Split System Air Conditioners and Heat Pumps (AHRI STANDARD 210/240). Refer to the Split System Outdoor Unit Product Data Guides for performance data.

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

<sup>(c)</sup> Remote filter required.

**Product Specifications**

<b>MODEL</b>	TEM8A0D48V41DA	TEM8A0D60V51DA
<b>RATED VOLTS/PH/HZ</b>	208-230/1/60	208-230/1/60
<b>RATINGS<sup>(a)</sup></b>	See O.D. Specifications	See O.D. Specifications
<b>INDOOR COIL — Type</b>	Plate Fin	Plate Fin
Rows — F.P.I.	4 - 16	4 - 16
Face Area (sq. ft.)	6.47	6.47
Tube Size (in.)	3/8	3/8
Refrigerant Control	TXV	TXV
Drain Conn. Size (in.) <sup>(b)</sup>	3/4 NPT	3/4 NPT
<b>DUCT CONNECTIONS</b>	See Outline Drawing	See Outline Drawing
<b>INDOOR FAN — Type</b>	Centrifugal	Centrifugal
Diameter-Width (In.)	11 X 10	11 X 10
No. Used	1	1
Drive - No. Speeds	Direct - 16	Direct - 16
CFM vs. in. w.g.	See Fan Performance Table	See Fan Performance Table
No. Motors — H.P.	1 - 3/4	1 - 3/4
Motor Speed R.P.M.	Variable	Variable
Volts/Ph/Hz	208-230/1/60	208-230/1/60
F.L. Amps	6.8	6.8
<b>FILTER</b>		
Filter Furnished? <sup>(c)</sup>	No	No
<b>REFRIGERANT</b>	<b>R-410A</b>	<b>R-410A</b>
Ref. Line Connections	Brazed	Brazed
Coupling or Conn. Size — in. Gas	7/8	7/8
Coupling or Conn. Size — in. Liq.	3/8	3/8
<b>DIMENSIONS</b>	H x W x D	H x W x D
Crated (In.)	55-3/8 x 30-1/2 x 25-1/2	55-3/8 x 30-1/2 x 25-1/2
Uncrated	53-7/8 x 26-1/2 x 21-1/8	53-7/8 x 26-1/2 x 21-1/8
<b>WEIGHT</b>		
Shipping (Lbs.) / Net (Lbs.)	181/168	181/168

<sup>(a)</sup> These Air Handlers are A.H.R.I certified with various Split System Air Conditioners and Heat Pumps (AHRI STANDARD 210/240). Refer to the Split System Outdoor Unit Product Data Guides for performance data.

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

<sup>(c)</sup> Remote filter required.

## Heater Pressure Drop Table

Airflow CFM	Number of Racks				Heater Racks	
	1	2	3	4	Heater Model	No. of Racks
	Air Pressure Drop — Inches W.G.					
1800	0.02	0.04	0.06	0.14	BAYHTR1504	1
1700	0.02	0.04	0.06	0.14	BAYHTR1505	1
1600	0.02	0.04	0.06	0.13	BAYHTR1508	2
1500	0.02	0.04	0.06	0.12	BAYHTR1510	2
1400	0.02	0.04	0.06	0.12	BAYHTR1516	3
1300	0.02	0.04	0.05	0.11	BAYHTR3510	3
1200	0.01	0.04	0.05	0.10	BAYHTR3515	3
1100	0.01	0.03	0.05	0.09	BAYHTR1522	4
1000	0.01	0.03	0.04	0.09	BAYHTR1525	4
900	0.01	0.03	0.04	0.08		
800	0.01	0.03				
700	0.01	0.02				
600	0.01	0.02				

## Subcooling Adjustment

### Subcooling Adjustment

System Matched with:	Indoor Unit Model No.	Outdoor Model No.	Subcooling
16 SEER HP — 2 ton	TEM8A0C36V31	4TWR6024H1000A 4TWX6024H1000A 4A6H6024H1000A	13 Degrees
15 SEER HP — 2 ton	TEM8A0B24V21 TEM8A0B30V31	4TWR5024G1000A 4A6H5024G1000A	14 Degrees
15 SEER HP — 3 ton	TEM8A0B30V31 TEM8A0C36V31 TEM8A0C42V41	4TWR5036G1000A 4A6H5036G1000A	14 Degrees
All other matches must be charged per the nameplate charging instructions			

### Subcooling Adjustment for TEM8A0C48V41 & TEM8A0C60V51

Sub-Cooling Charge Specification For AHRI Rated Performance		
OD Equipment	Up Flow / Horizontal	Down Flow
AC UNIT	OD Name Plate	OD Name Plate
HP UNIT ≤ 3.5 Tons	OD Name Plate	OD Name Plate + 4 Degrees
HP UNIT = 4 and 5 Tons	OD Name Plate	OD Name Plate

# Performance and Electrical Data

OUTDOOR MULTIPLIER (TONS)		TEM8A0B24V21DA & TEM8A0B30V31DA AIRFLOW PERFORMANCE										CONSTANT CFM MODE / CONSTANT TORQUE MODE					
		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	290	350	400	450	CFM	Watts	0.1	0.3	0.5	0.7	0.9
1.5 tons	290 CFM/ton	430/538	430/415	430/264	430/NA	430/NA	290 CFM/ton	290	CFM	Watts	434	419	419	403	384		
	350 CFM/ton	520/620	520/514	520/398	520/NA	520/NA	350 CFM/ton	350	CFM	Watts	521	512	514	500	485		
	400 CFM/ton	590/688	590/593	590/493	590/NA	590/NA	400 CFM/ton	400	CFM	Watts	595	589	595	584	573		
	450 CFM/ton	670/758	670/671	660/581	660/NA	660/NA	450 CFM/ton	450	CFM	Watts	668	667	675	668	660		
	290 CFM/ton	570/670	570/573	570/469	570/NA	568/NA	290 CFM/ton	290	CFM	Watts	575	569	573	561	549		
2 tons	350 CFM/ton	690/781	690/696	690/609	690/518	680/NA	350 CFM/ton	350	CFM	Watts	693	693	702	696	689		
	400 CFM/ton	790/875	790/798	790/720	780/639	780/555	400 CFM/ton	400	CFM	Watts	791	795	805	803	798		
	450 CFM/ton	890/971	890/899	880/827	880/754	880/680	450 CFM/ton	450	CFM	Watts	889	895	902	899	891		
	290 CFM/ton	720/823	720/741	710/659	710/573	710/481	290 CFM/ton	290	CFM	Watts	717	718	728	723	717		
	350 CFM/ton	870/963	860/892	873/819	860/746	850/671	350 CFM/ton	350	CFM	Watts	865	871	879	876	869		
2.5 tons	400 CFM/ton	990/1084	980/1018	980/951	980/884	970/817	400 CFM/ton	400	CFM	Watts	988	993	989	979	961		
	450 CFM/ton	1110/1250	1110/1190	1100/1129	1070/756	850/650	450 CFM/ton	450	CFM	Watts	1110	1109	1080	1048	1004		
	290 CFM/ton	860/976	860/904	850/832	850/758	970/683	290 CFM/ton	290	CFM	Watts	860	866	874	872	865		
	350+ CFM/ton	1040/1155	1030/1091	1060/1027	1020/962	980/897	350+ CFM/ton	350+	CFM	Watts	1037	1040	1028	1011	985		
	400 CFM/ton	1180/1281	1180/1221	1120/1160	1065/1100	1000/677	400 CFM/ton	400	CFM	Watts	1183	1176	1122	1068	1000		
3 tons †	450 CFM/ton	1250/1281	1220/1221	1145/1160	1070/979	970/496	450 CFM/ton	450	CFM	Watts	1242	1226	1149	1071	979		
	290 CFM/ton	140/149	185/171	225/182	280/180	400/164	290 CFM/ton	290	CFM	Watts	127	168	212	270	332		
	350+ CFM/ton	205/235	260/262	315/278	370/282	425/273	350+ CFM/ton	350+	CFM	Watts	206	258	311	367	425		
	400 CFM/ton	270/314	365/344	431/363	475/371	520/161	400 CFM/ton	400	CFM	Watts	298	365	431	475	515		
	450 CFM/ton	343/314	417/344	490/363	530/291	556/96	450 CFM/ton	450	CFM	Watts	343	417	490	527	556		

- † 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

**Performance and Electrical Data**

OUTDOOR MULTIPLIER (TONS)	TEM8A0C36V31DA & TEM8A0C42V41DA AIRFLOW PERFORMANCE (Constant CFM / Constant Torque)										CONSTANT CFM MODE / CONSTANT TORQUE MODE									
	COOLING AIRFLOW SETTING					EXTERNAL STATIC PRESSURE (0.1 to 0.9)					HEATING AIRFLOW SETTING					EXTERNAL STATIC PRESSURE (0.1 to 0.9)				
	AIRFLOW POWER	0.1	0.3	0.5	0.7	0.9	AIRFLOW POWER	0.1	0.3	0.5	0.7	0.9	AIRFLOW POWER	0.1	0.3	0.5	0.7	0.9		
2.5 tons	290 CFM/ton	735 / 837 59 / 72	727 / 702 96 / 90	700 / 593 138 / 105	673 / 415 176 / 123	660 / 415 215 / 148	CFM	735	727	700	673	660	CFM	735	727	700	673	660		
	350 CFM/ton	883 / 972 82 / 103	884 / 849 124 / 123	882 / 746 170 / 138	881 / 657 223 / 152	870 / 577 270 / 168	Watts	883	884	882	881	870	Watts	883	884	882	881	870		
	400 CFM/ton	1007 / 1084 109 / 136	1016 / 971 154 / 158	1033 / 874 204 / 171	1020 / 788 269 / 187	1010 / 711 320 / 200	CFM	1007	1016	1033	1020	1010	CFM	1007	1016	1033	1020	1010		
	450 CFM/ton	1133 / 1198 143 / 177	1146 / 1093 192 / 202	1176 / 1001 246 / 220	1140 / 919 321 / 233	1130 / 845 375 / 244	CFM	1133	1146	1176	1140	1130	CFM	1133	1146	1176	1140	1130		
	290 CFM/ton	878 / 993 82 / 108	879 / 872 123 / 129	876 / 771 169 / 144	874 / 682 221 / 157	865 / 602 270 / 173	CFM	878	879	876	874	865	CFM	878	879	876	874	865		
3 tons	350 CFM/ton	1057 / 1154 122 / 160	1068 / 1045 168 / 184	1091 / 952 220 / 201	1070 / 869 289 / 213	1060 / 793 340 / 225	CFM	1057	1068	1091	1070	1060	CFM	1057	1068	1091	1070	1060		
	400 CFM/ton	1209 / 1289 168 / 216	1223 / 1190 219 / 243	1255 / 1102 277 / 262	1210 / 1024 355 / 276	1190 / 952 410 / 287	CFM	1209	1223	1255	1210	1190	CFM	1209	1223	1255	1210	1190		
	450 CFM/ton	1364 / 1426 230 / 287	1375 / 1334 286 / 317	1393 / 1253 350 / 339	1340 / 1179 429 / 355	1330 / 1110 480 / 367	CFM	1364	1375	1393	1340	1330	CFM	1364	1375	1393	1340	1330		
	290 CFM/ton	1022 / 1123 113 / 148	1031 / 1012 158 / 172	1050 / 917 209 / 188	1030 / 832 275 / 201	1030 / 756 325 / 213	CFM	1022	1031	1050	1030	1030	CFM	1022	1031	1050	1030	1030		
	350 CFM/ton	1235 / 1312 178 / 227	1249 / 1214 229 / 254	1242 / 1128 288 / 274	1230 / 1050 367 / 288	1220 / 978 420 / 299	CFM	1235	1249	1242	1230	1220	CFM	1235	1249	1242	1230	1220		
3.5 tons	400 CFM/ton	1416 / 1471 254 / 314	1424 / 1383 313 / 263	1399 / 1303 378 / 368	1380 / 1230 455 / 385	1370 / 1163 510 / 398	CFM	1416	1424	1399	1380	1370	CFM	1416	1424	1399	1380	1370		
	450 CFM/ton	1601 / 1618 356 / 420	1591 / 1536 423 / 454	1547 / 1462 497 / 480	1500 / 1394 553 / 500	1390 / 1330 520 / 514	CFM	1601	1591	1547	1500	1390	CFM	1601	1591	1547	1500	1390		
	290 CFM/ton	1168 / 1276 155 / 209	1182 / 1175 204 / 235	1182 / 1087 260 / 254	1170 / 1007 337 / 268	1160 / 935 390 / 279	CFM	1168	1182	1182	1170	1160	CFM	1168	1182	1182	1170	1160		
	350 † CFM/ton	1416 / 1492 254 / 326	1424 / 1404 313 / 357	1399 / 1325 378 / 381	1380 / 1252 455 / 398	1370 / 1185 510 / 411	CFM	1416	1424	1399	1380	1370	CFM	1416	1424	1399	1380	1370		
	400 CFM/ton	1628 / 1616 373 / 435	1614 / 1535 441 / 468	1534 / 1461 517 / 492	1500 / 1393 568 / 510	1390 / 1329 520 / 524	CFM	1628	1614	1534	1500	1390	CFM	1628	1614	1534	1500	1390		
4 tons †	450 CFM/ton	1714 / 1605 431 / 435	1686 / 1525 505 / 468	1550 / 1452 584 / 492	1500 / 1385 617 / 510	1390 / 1321 520 / 570	CFM	1714	1686	1550	1500	1390	CFM	1714	1686	1550	1500	1390		
	290 CFM/ton	878 / 993 82 / 108	879 / 872 123 / 129	876 / 771 169 / 144	874 / 682 221 / 157	865 / 602 270 / 173	CFM	878	879	876	874	865	CFM	878	879	876	874	865		
	350 CFM/ton	1057 / 1154 122 / 160	1068 / 1045 168 / 184	1091 / 952 220 / 201	1070 / 869 289 / 213	1060 / 793 340 / 225	CFM	1057	1068	1091	1070	1060	CFM	1057	1068	1091	1070	1060		
	400 CFM/ton	1209 / 1289 168 / 216	1223 / 1190 219 / 243	1255 / 1102 277 / 262	1210 / 1024 355 / 276	1190 / 952 410 / 287	CFM	1209	1223	1255	1210	1190	CFM	1209	1223	1255	1210	1190		
	450 CFM/ton	1364 / 1426 230 / 287	1375 / 1334 286 / 317	1393 / 1253 350 / 339	1340 / 1179 429 / 355	1330 / 1110 480 / 367	CFM	1364	1375	1393	1340	1330	CFM	1364	1375	1393	1340	1330		

- † 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



Performance and Electrical Data

TEM8A0C48V41DA & TEM8A0C60V51DA 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					
	CFM/ton	Watts	CFM	Watts	0.1	0.3	0.5	0.7	0.9	CFM/ton	Watts	CFM	Watts	0.1	0.3	0.5	0.7	0.9	
3 tons	290	CFM/ton	864 / 1015	856 / 883	851 / 772	850 / 676	820 / 590	290	CFM	864	856	851	843	822					
	350	CFM/ton	1037 / 1179	1037 / 1059	1040 / 957	1030 / 866	1030 / 784	350	CFM	1037	1037	1040	1039	1032					
	400	CFM/ton	1184 / 1317	1187 / 1207	1193 / 1110	1180 / 1024	1190 / 945	400	CFM	1184	1187	1193	1196	1197					
	450	CFM/ton	1334 / 1457	1336 / 1354	1343 / 1263	1340 / 1181	1340 / 1105	450	CFM	1334	1336	1343	1348	1353					
	450	CFM/ton	205 / 232	265 / 265	335 / 290	395 / 310	460 / 327	450	CFM	198	254	318	388	461					
3.5 tons	290	CFM/ton	1015 / 1147	1000 / 1025	1000 / 921	1000 / 829	1000 / 746	290	CFM	1003	1002	1004	1002	992					
	350	CFM/ton	115 / 128	160 / 155	205 / 176	255 / 194	309 / 212	350	CFM	103	149	203	260	322					
	400	CFM/ton	1210 / 1341	1210 / 1231	1210 / 1136	1210 / 1050	1210 / 971	400	CFM	1209	1212	1218	1222	1224					
	450	CFM/ton	165 / 188	220 / 218	280 / 241	335 / 260	395 / 277	450	CFM	157	208	269	334	403					
	450	CFM/ton	1380 / 1503	1380 / 1403	1390 / 1314	1390 / 1233	1390 / 1159	450	CFM	1384	1386	1393	1397	1402					
4 tons	290	CFM/ton	1560 / 1667	1560 / 1575	1570 / 1492	1570 / 1416	1579 / 1345	290	CFM	1563	1563	1566	1566	1564					
	350	CFM/ton	295 / 332	365 / 369	440 / 398	515 / 421	595 / 439	350	CFM	293	362	429	507	588					
	400	CFM/ton	1140 / 1304	1140 / 1192	1140 / 1095	1140 / 1008	1150 / 929	400	CFM	1144	1147	1152	1155	1154					
	450	CFM/ton	145 / 175	200 / 204	255 / 227	310 / 246	365 / 263	450	CFM	138	188	247	309	376					
	450	CFM/ton	1380 / 1525	1380 / 1426	1390 / 1338	1390 / 1257	1390 / 1183	450	CFM	1384	1386	1393	1397	1402					
5 tons †	290	CFM/ton	220 / 262	285 / 295	355 / 322	420 / 343	485 / 360	290	CFM	217	275	340	412	487					
	350	CFM/ton	1590 / 1711	1590 / 1621	1590 / 1539	1590 / 1464	1600 / 1394	350	CFM	1589	1588	1591	1589	1585					
	400	CFM/ton	305 / 356	380 / 267	455 / 356	535 / 267	610 / 466	400	CFM	305	376	444	522	604					
	450	CFM/ton	1790 / 1898	1790 / 1816	1800 / 1741	1800 / 1670	1810 / 1604	450	CFM	1800	1794	1791	1773	1745					
	450	CFM/ton	410 / 474	495 / 597	585 / 548	670 / 575	760 / 597	450	CFM	419	509	575	660	749					
5 tons †	290	CFM/ton	1430 / 1571	1440 / 1475	1440 / 1388	1440 / 1309	1440 / 1236	290	CFM	1435	1436	1442	1446	1450					
	350	CFM/ton	240 / 283	310 / 318	375 / 345	445 / 367	515 / 384	350	CFM	237	297	364	437	514					
	400	CFM/ton	1740 / 1851	1740 / 1767	1750 / 1690	1750 / 1619	1760 / 1552	400	CFM	1747	1742	1740	1728	1707					
	450	CFM/ton	380 / 442	465 / 482	550 / 514	635 / 541	720 / 562	450	CFM	388	472	539	623	710					
	450	CFM/ton	2000 / 2087	2000 / 2012	2010 / 1942	1980 / 1873	1870 / 317	450	CFM	2015	2007	1995	1951	1877					
5 tons †	450	CFM/ton	540 / 619	635 / 663	735 / 700	810 / 729	810 / 378	450	CFM	559	679	739	810	810					
	450	CFM/ton	2260 / 2141	2210 / 2068	2100 / 1999	1980 / 903	1870 / 315	450	CFM	2125	2117	2100	2038	1932					

- 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

† Factory Setting  
Status LED will blink once per 100 CFM requested. In torque mode, actual airflow may be lower.

**Performance and Electrical Data**

OUTDOOR MULTIPLIER (TONS)	TEM8A0D48V41DA & TEM8A0D60V51DA AIRFLOW PERFORMANCE										CONSTANT CFM MODE / CONSTANT TORQUE MODE																		
	COOLING AIRFLOW SETTING					EXTERNAL STATIC PRESSURE (Constant CFM / Constant Torque)					HEATING AIRFLOW SETTING					AIRFLOW POWER					EXTERNAL STATIC PRESSURE								
	290 CFM/ton	350 CFM/ton	400 CFM/ton	450 CFM/ton	290 CFM/ton	0.1	0.3	0.5	0.7	0.9	0.1	0.3	0.5	0.7	0.9	290 CFM/ton	350 CFM/ton	400 CFM/ton	450 CFM/ton	290 CFM/ton	0.1	0.3	0.5	0.7	0.9				
3 tons	859 / 1010	1042 / 1173	1214 / 1310	1350 / 1448	1007 / 1141	880 / 880	1058 / 1056	1222 / 1107	1338 / 1349	1024 / 1022	862 / 771	1053 / 864	1225 / 1022	1363 / 1178	1010 / 744	857 / 588	1047 / 782	1215 / 943	1361 / 1103	1007 / 744	859	1042	1214	1350	1007	857	1047	1215	1361
	73 / 92	107 / 131	148 / 151	150 / 172	188 / 223	110 / 110	148 / 151	194 / 167	239 / 247	239 / 247	200 / 141	246 / 180	299 / 224	349 / 279	288 / 186	248 / 159	298 / 194	352 / 236	409 / 291	288 / 186	73	107	1214	1350	99	200	298	352	409
	CFM	Watts	CFM	Watts	CFM	CFM	Watts	Watts	Watts	Watts	CFM	Watts	Watts	Watts	CFM	CFM	Watts	Watts	Watts	CFM	CFM	Watts	Watts	Watts	CFM	CFM	Watts	Watts	CFM
	CFM/ton	Watts	CFM/ton	Watts	CFM/ton	CFM/ton	Watts	Watts	Watts	Watts	CFM/ton	Watts	Watts	Watts	CFM/ton	CFM/ton	Watts	Watts	Watts	CFM/ton	CFM/ton	Watts	Watts	Watts	CFM	CFM	Watts	Watts	CFM
	185 / 158	236 / 171	1235 / 1048	301 / 323	358 / 245	1451 / 1157	454 / 311	1586 / 1343	524 / 395	1162 / 927	1408 / 1181	435 / 321	1592 / 1392	535 / 420	1760 / 1602	675 / 544	1464 / 1234	456 / 344	1729 / 1549	638 / 510	1822 / 272	687 / 380	1792 / 337	945 / 372	851 / 417				
3.5 tons	1222 / 1333	1421 / 1495	1519 / 1569	1635 / 1700	1155 / 1297	1225 / 1227	1421 / 1420	1617 / 1534	1815 / 1734	1164 / 1188	880 / 880	1164 / 1188	1225 / 1133	1430 / 1310	1018 / 919	862 / 771	1167 / 1006	1279 / 219	1402 / 1255	1024 / 1022	880 / 880	1058 / 1056	1222 / 1107	1363 / 1178	1010 / 744	857 / 588	1047 / 782	1215 / 943	1361 / 1103
	150 / 180	211 / 242	268 / 267	323 / 285	386 / 300	196 / 202	246 / 219	301 / 323	358 / 245	454 / 311	200 / 141	246 / 180	299 / 224	349 / 279	288 / 186	248 / 159	298 / 194	352 / 236	409 / 291	288 / 186	150	211	268	323	211	200	248	352	409
	CFM	Watts	CFM	Watts	CFM	CFM	Watts	Watts	Watts	Watts	CFM	Watts	Watts	Watts	CFM	CFM	Watts	Watts	Watts	CFM	CFM	Watts	Watts	Watts	CFM	CFM	Watts	Watts	CFM
	CFM/ton	Watts	CFM/ton	Watts	CFM/ton	CFM/ton	Watts	Watts	Watts	Watts	CFM/ton	Watts	Watts	Watts	CFM/ton	CFM/ton	Watts	Watts	Watts	CFM/ton	CFM/ton	Watts	Watts	Watts	CFM	CFM	Watts	Watts	CFM
	185 / 158	236 / 171	1235 / 1048	301 / 323	358 / 245	1451 / 1157	454 / 311	1586 / 1343	524 / 395	1162 / 927	1408 / 1181	435 / 321	1592 / 1392	535 / 420	1760 / 1602	675 / 544	1464 / 1234	456 / 344	1729 / 1549	638 / 510	1822 / 272	687 / 380	1792 / 337	945 / 372	851 / 417				
4 tons	1431 / 1516	1583 / 1657	1779 / 1840	1818 / 1886	1133 / 1167	1225 / 1227	1421 / 1420	1617 / 1534	1815 / 1734	1164 / 1188	880 / 880	1164 / 1188	1225 / 1133	1430 / 1310	1018 / 919	862 / 771	1167 / 1006	1279 / 219	1402 / 1255	1024 / 1022	880 / 880	1058 / 1056	1222 / 1107	1363 / 1178	1010 / 744	857 / 588	1047 / 782	1215 / 943	1361 / 1103
	216 / 254	275 / 320	334 / 346	394 / 367	457 / 383	196 / 202	246 / 219	301 / 323	358 / 245	454 / 311	200 / 141	246 / 180	299 / 224	349 / 279	288 / 186	248 / 159	298 / 194	352 / 236	409 / 291	288 / 186	216	275	334	394	275	200	248	352	409
	CFM	Watts	CFM	Watts	CFM	CFM	Watts	Watts	Watts	Watts	CFM	Watts	Watts	Watts	CFM	CFM	Watts	Watts	Watts	CFM	CFM	Watts	Watts	Watts	CFM	CFM	Watts	Watts	CFM
	CFM/ton	Watts	CFM/ton	Watts	CFM/ton	CFM/ton	Watts	Watts	Watts	Watts	CFM/ton	Watts	Watts	Watts	CFM/ton	CFM/ton	Watts	Watts	Watts	CFM/ton	CFM/ton	Watts	Watts	Watts	CFM	CFM	Watts	Watts	CFM
	185 / 158	236 / 171	1235 / 1048	301 / 323	358 / 245	1451 / 1157	454 / 311	1586 / 1343	524 / 395	1162 / 927	1408 / 1181	435 / 321	1592 / 1392	535 / 420	1760 / 1602	675 / 544	1464 / 1234	456 / 344	1729 / 1549	638 / 510	1822 / 272	687 / 380	1792 / 337	945 / 372	851 / 417				
5 tons †	1779 / 1840	2043 / 2074	2141 / 2112	2090 / 2041	584 / 658	1779 / 1759	1779 / 1759	1767 / 1684	1746 / 1615	1729 / 1549	880 / 880	1058 / 1056	1222 / 1107	1363 / 1178	1010 / 744	857 / 588	1047 / 782	1215 / 943	1361 / 1103	1007 / 744	859	1042	1214	1350	1007	857	1047	1215	1361
	360 / 427	537 / 600	609 / 631	656 / 657	682 / 678	196 / 202	246 / 219	301 / 323	358 / 245	454 / 311	200 / 141	246 / 180	299 / 224	349 / 279	288 / 186	248 / 159	298 / 194	352 / 236	409 / 291	288 / 186	360	537	609	656	682	200	248	352	409
	CFM	Watts	CFM	Watts	CFM	CFM	Watts	Watts	Watts	Watts	CFM	Watts	Watts	Watts	CFM	CFM	Watts	Watts	Watts	CFM	CFM	Watts	Watts	Watts	CFM	CFM	Watts	Watts	CFM
	CFM/ton	Watts	CFM/ton	Watts	CFM/ton	CFM/ton	Watts	Watts	Watts	Watts	CFM/ton	Watts	Watts	Watts	CFM/ton	CFM/ton	Watts	Watts	Watts	CFM/ton	CFM/ton	Watts	Watts	Watts	CFM	CFM	Watts	Watts	CFM
	185 / 158	236 / 171	1235 / 1048	301 / 323	358 / 245	1451 / 1157	454 / 311	1586 / 1343	524 / 395	1162 / 927	1408 / 1181	435 / 321	1592 / 1392	535 / 420	1760 / 1602	675 / 544	1464 / 1234	456 / 344	1729 / 1549	638 / 510	1822 / 272	687 / 380	1792 / 337	945 / 372	851 / 417				

- 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

- † Factory Setting
- Status LED will blink once per 100 CFM requested. In torque mode, actual airflow may be lower.

Performance and Electrical Data

Note: Heater size needs to be set in Configuration Menu.

Table 1. Electrical Data

TEM8A0B24, TEM8A0B30 HEATER DATA											
Heater Model No.	No. of Circuits/ Phases	240 Volt					208 Volt				
		Capacity		Heater Amps per Circuit	Minimum Circuit Ampacity	Maximum Overload Protection	Capacity		Heater Amps per Circuit	Minimum Circuit Ampacity	Maximum Overload Protection
		kW	BTUH				kW	BTUH			
No Heater				2.8 *	4	15			2.8 *	4	15
BAYHTR1504BRKC BAYHTR1504LUGB	1/1	3.84	13100	16.0	24	25	2.88	9800	13.8	21	25
BAYHTR1505BRKC BAYHTR1505LUGB	1/1	4.80	16400	20.0	29	30	3.60	12300	17.3	25	25
BAYHTR1508BRKC BAYHTR1508LUGB	1/1	7.68	26200	32.0	44	45	5.76	19700	27.7	38	40
BAYHTR1510BRKC BAYHTR1510LUGB	1/1	9.60	32800	40.0	54	60	7.20	24600	34.6	47	50
BAYHTR1516BRKA Circuit 1 <sup>(a)</sup>	2/1	9.60	32800	40.0	54	60	7.20	24600	34.6	47	50
BAYHTR1516BRKA Circuit 2		4.80	16400	20.0	25	25	3.60	12300	17.3	22	25
BAYHTR3510LUGC	1/3	9.60	32800	23.1	32	35	7.20	24600	20.0	28	30
BAYHTR3515LUGC	1/3	14.40	49100	34.6	46	50	10.80	36900	30.0	41	45

\* = Motor Amps

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

Table 2. Electrical Data

TEM8A0C36, TEM8A0C42 HEATER DATA											
Heater Model No.	No. of Circuits/ Phases	240 Volt					208 Volt				
		Capacity		Heater Amps per Circuit	Minimum Circuit Ampacity	Maximum Overload Protection	Capacity		Heater Amps per Circuit	Minimum Circuit Ampacity	Maximum Overload Protection
		kW	BTUH				kW	BTUH			
No Heater				4.3 *	5	15			4.3 *	5	15
BAYHTR1504BRKC BAYHTR1504LUGB	1/1	3.84	13100	16.0	25	25	2.88	9800	13.8	23	25
BAYHTR1505BRKC BAYHTR1505LUGB	1/1	4.80	16400	20.0	30	30	3.60	12300	17.3	27	30
BAYHTR1508BRKC BAYHTR1508LUGB	1/1	7.68	26200	32.0	45	45	5.76	19700	27.7	40	40
BAYHTR1510BRKC BAYHTR1510LUGB	1/1	9.60	32800	40.0	55	60	7.20	24600	34.6	49	50
BAYHTR1516BRKA Circuit 1 <sup>(a)</sup>	2/1	9.60	32800	40.0	55	60	7.20	24600	34.6	49	50
BAYHTR1516BRKA Circuit 2		4.80	16400	20.0	25	25	3.60	12300	17.3	22	25
BAYHTR1522BRKA Circuit 1	2/1	9.60	32800	40.0	55	60	7.20	24600	34.6	49	50
BAYHTR1522BRKA Circuit 2		9.60	32800	40.0	50	50	7.20	24600	34.6	43	45
BAYHTR3510LUGC	1/3	9.60	32800	23.1	34	35	7.20	24600	20.0	30	30
BAYHTR3515LUGC	1/3	14.40	49100	34.6	48	50	10.80	36900	30.0	42	45

\* = Motor Amps

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

**Performance and Electrical Data**

**Table 3. Electrical Data**

<b>TEM8A0C48, TEM8A0C60 HEATER DATA</b>											
Heater Model No.	No. of Circuits/ Phases	240 Volt					208 Volt				
		Capacity		Heater Amps per Circuit	Minimum Circuit Ampacity	Maximum Overload Protection	Capacity		Heater Amps per Circuit	Minimum Circuit Ampacity	Maximum Overload Protection
		kW	BTUH				kW	BTUH			
No Heater				5.6 *	7	15			5.6 *	7	15
BAYHTR1504BRKC BAYHTR1504LUGB	1/1	3.84	13100	16.0	27	30	2.88	9800	13.8	24	25
BAYHTR1505BRKC BAYHTR1505LUGB	1/1	4.80	16400	20.0	32	35	3.60	12300	17.3	29	30
BAYHTR1508BRKC BAYHTR1508LUGB	1/1	7.68	26200	32.0	47	50	5.76	19700	27.7	42	45
BAYHTR1510BRKC BAYHTR1510LUGB	1/1	9.60	32800	40.0	57	60	7.20	24600	34.6	50	50
BAYHTR1516BRKA Circuit 1 <sup>(a)</sup>	2/1	9.60	32800	40.0	57	60	7.20	24600	34.6	50	50
BAYHTR1516BRKA Circuit 2		4.80	16400	20.0	25	25	3.60	12300	17.3	22	25
BAYHTR1522BRKA Circuit 1	2/1	9.60	32800	40.0	57	60	7.20	24600	34.6	50	50
BAYHTR1522BRKA Circuit 2		9.60	32800	40.0	50	50	7.20	24600	34.6	43	45
BAYHTR1525BRKA Circuit 1	4/1	6.00	20500	25.0	38	40	4.50	15400	21.6	34	35
BAYHTR1525BRKA Circuit 2		6.00	20500	25.0	31	35	4.50	15400	21.6	27	30
BAYHTR1525BRKA Circuit 3		6.00	20500	25.0	31	35	4.50	15400	21.6	27	30
BAYHTR1525BRKA Circuit 4		6.00	20500	25.0	31	35	4.50	15400	21.6	27	30
BAYHTR3510LUGC	1/3	9.60	32800	23.1	35	35	7.20	24600	20.0	31	35
BAYHTR3515LUGC	1/3	14.40	49100	34.6	49	50	10.80	36900	30.0	44	45

\* = Motor Amps

<sup>(a)</sup> MCA and MOP for circuit 1 contains the motor amps

Performance and Electrical Data

Table 4. Electrical Data

TEM8A0D48, TEM8A0D60 HEATER DATA											
Heater Model No.	No. of Circuits/ Phases	240 Volt					208 Volt				
		Capacity		Heater Amps per Circuit	Minimum Circuit Ampacity	Maximum Overload Protection	Capacity		Heater Amps per Circuit	Minimum Circuit Ampacity	Maximum Overload Protection
		kW	BTUH				kW	BTUH			
No Heater				5.0 *	6	15			5.0 *	6	15
BAYHTR1504BRKC BAYHTR1504LUGB	1/1	3.84	13100	16.0	26	30	2.88	9800	13.8	24	25
BAYHTR1505BRKC BAYHTR1505LUGB	1/1	4.80	16400	20.0	31	35	3.60	12300	17.3	28	30
BAYHTR1508BRKC BAYHTR1508LUGB	1/1	7.68	26200	32.0	46	50	5.76	19700	27.7	41	45
BAYHTR1510BRKC BAYHTR1510LUGB	1/1	9.60	32800	40.0	56	60	7.20	24600	34.6	50	50
BAYHTR1516BRKA Circuit 1 <sup>(a)</sup>	2/1	9.60	32800	40.0	56	60	7.20	24600	34.6	50	50
BAYHTR1516BRKA Circuit 2		4.80	16400	20.0	25	25	3.60	12300	17.3	22	25
BAYHTR1522BRKA Circuit 1	2/1	9.60	32800	40.0	56	60	7.20	24600	34.6	50	50
BAYHTR1522BRKA Circuit 2		9.60	32800	40.0	50	50	7.20	24600	34.6	43	45
BAYHTR1525BRKA Circuit 1	4/1	6.00	20500	25.0	38	40	4.50	15400	21.6	33	35
BAYHTR1525BRKA Circuit 2		6.00	20500	25.0	31	35	4.50	15400	21.6	27	30
BAYHTR1525BRKA Circuit 3		6.00	20500	25.0	31	35	4.50	15400	21.6	27	30
BAYHTR1525BRKA Circuit 4		6.00	20500	25.0	31	35	4.50	15400	21.6	27	30
BAYHTR3510LUGC	1/3	9.60	32800	23.1	34	35	7.20	24600	20.0	31	35
BAYHTR3515LUGC	1/3	14.40	49100	34.6	49	50	10.80	36900	30.0	43	45

\* = Motor Amps

<sup>(a)</sup> MCA and MOP for circuit 1 contains the motor amps

# Minimum Airflow CFM

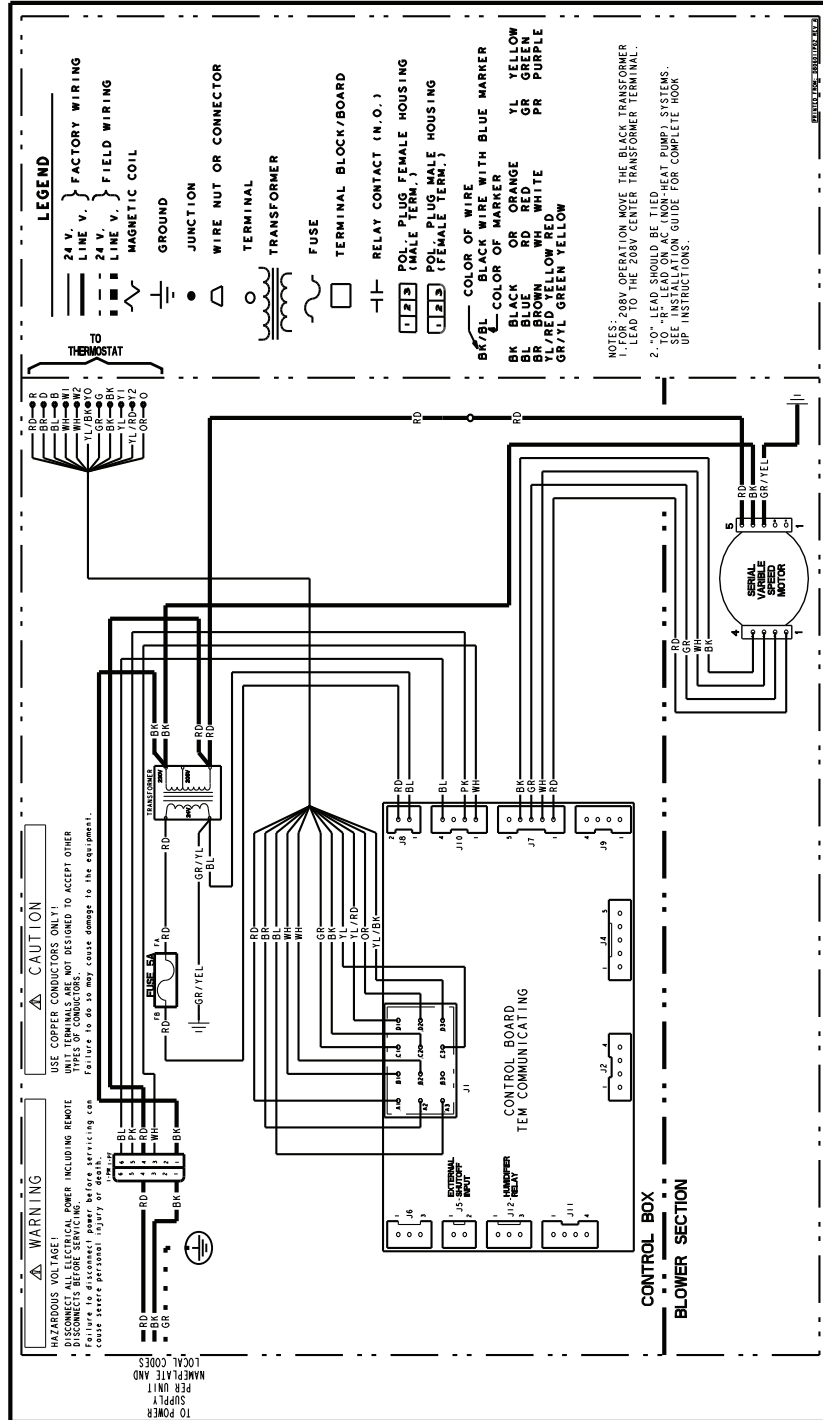
<b>TEM8A0B24V21D, TEM8A0B30V31D</b>		
<b>Heater</b>	<b>Minimum Heater Airflow CFM</b>	
	With Heat Pump	Without Heat Pump
BAYHTR1504BRKC, BAYHTR1504LUGB BAYHTR1505BRKC, BAYHTR1505LUGB	550	600
BAYHTR1508BRKC, BAYHTR1508LUGB	800	600
BAYHTR1510BRKC, BAYHTR1510LUGB	825	700
BAYHTR1516BRKA	1050	850
BAYHTR3510LUGC	800	600
BAYHTR3515LUGC	900	850

<b>TEM8A0C36V31D, TEM8A0C42V41D</b>		
<b>Heater</b>	<b>Minimum Heater Airflow CFM</b>	
	With Heat Pump	Without Heat Pump
BAYHTR1504BRKC, BAYHTR1504LUGB BAYHTR1505BRKC, BAYHTR1505LUGB	875	675
BAYHTR1508BRKC, BAYHTR1508LUGB	875	675
BAYHTR1510BRKC, BAYHTR1510LUGB	1225	825
BAYHTR1516BRKA	1325	1150
BAYHTR3510LUGC	875	675
BAYHTR3515LUGC	1250	1150
BAYHTR1522BRKA	1325	1150

<b>TEM8A0C48V41D, TEM8A0C60V51D</b>		
<b>Heater</b>	<b>Minimum Heater Airflow CFM</b>	
	With Heat Pump	Without Heat Pump
BAYHTR1504BRKC, BAYHTR1504LUGB BAYHTR1505BRKC, BAYHTR1505LUGB	1200	975
BAYHTR1508BRKC, BAYHTR1508LUGB	1200	975
BAYHTR1510BRKC, BAYHTR1510LUGB	1200	975
BAYHTR1516BRKA	1200	975
BAYHTR3510LUGC	1200	975
BAYHTR3515LUGC	1200	975
BAYHTR1522BRKA	1350	1125
BAYHTR1525BRKA	1500	1350

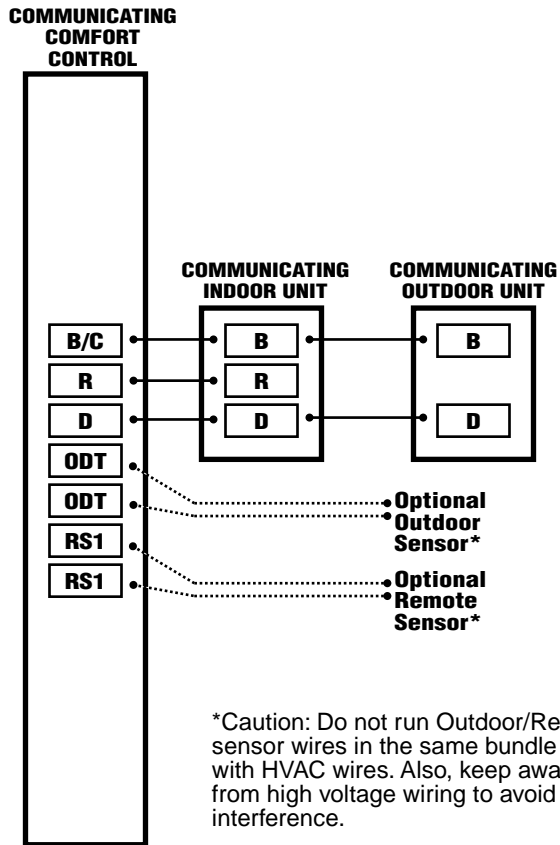
<b>TEM8A0D48V41D, TEM8A0D60V51D</b>		
<b>Heater</b>	<b>Minimum Heater Airflow CFM</b>	
	With Heat Pump	Without Heat Pump
BAYHTR1504BRKC, BAYHTR1504LUGB BAYHTR1505BRKC, BAYHTR1505LUGB	1150	975
BAYHTR1508BRKC, BAYHTR1508LUGB	1150	975
BAYHTR1510BRKC, BAYHTR1510LUGB	1150	975
BAYHTR1516BRKA	1325	1125
BAYHTR3510LUGC	1150	975
BAYHTR3515LUGC	1375	1125
BAYHTR1522BRKA	1375	1125
BAYHTR1525BRKA	1375	1125

## Wiring D806011P02revA for PD



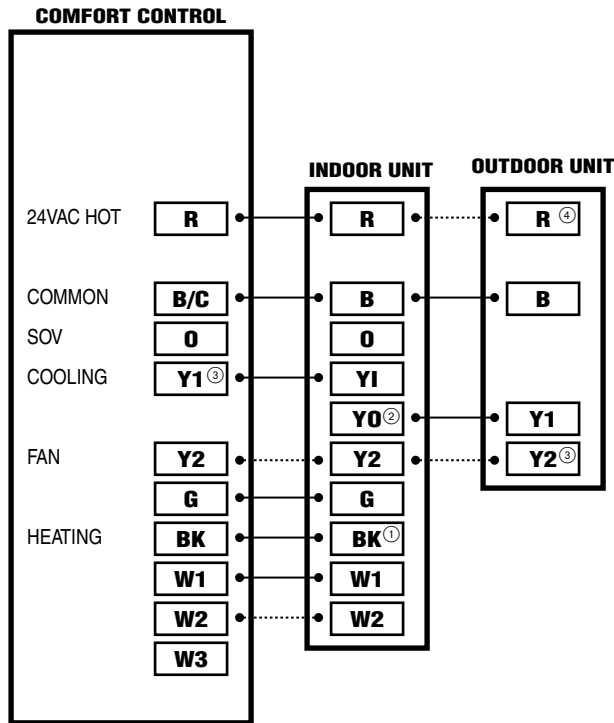
# Field Wiring

## Communicating Controls Wiring Diagram





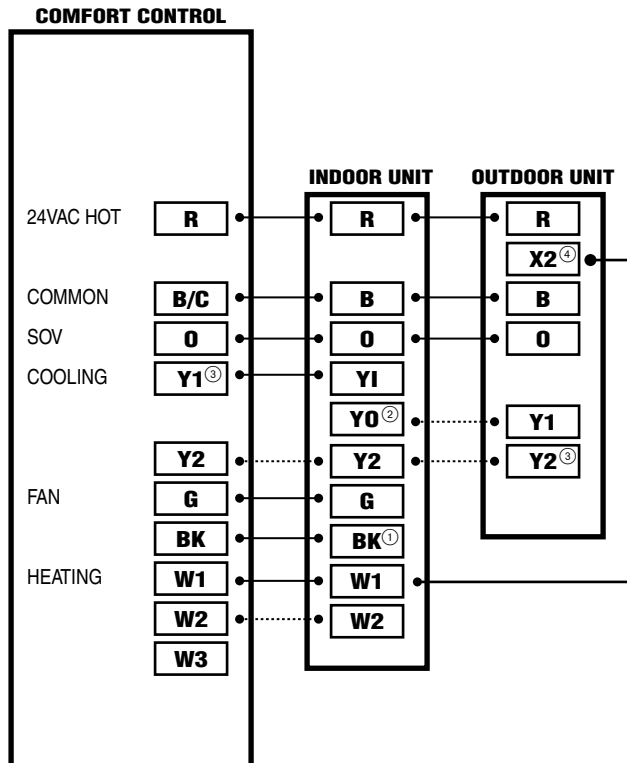
### 1 OR 2 STAGE COOLING WITH TEM8 MODEL VARIABLE SPEED AIR HANDLER



**NOTES:**

1. Cut the BK jumper on the AFC when using the BK functionality from the thermostat.
2. Y1 and Y0 connections must be made as shown for external switch functionality. (See table 5) Can be used for condensate overflow switch as well as other functions. Configure this functionality from the AFC seven segment display.
3. When using the BK feature from the comfort control, the Y1 & Y2 inputs to the AFC are for the seven segment display only. The BK feature has 100% control over air flow.
4. Y2 connections at outdoor unit are required only for two stage units.

### 1 OR 2 STAGE HEAT PUMP WITH TEM8 VARIABLE SPEED AIR HANDLER

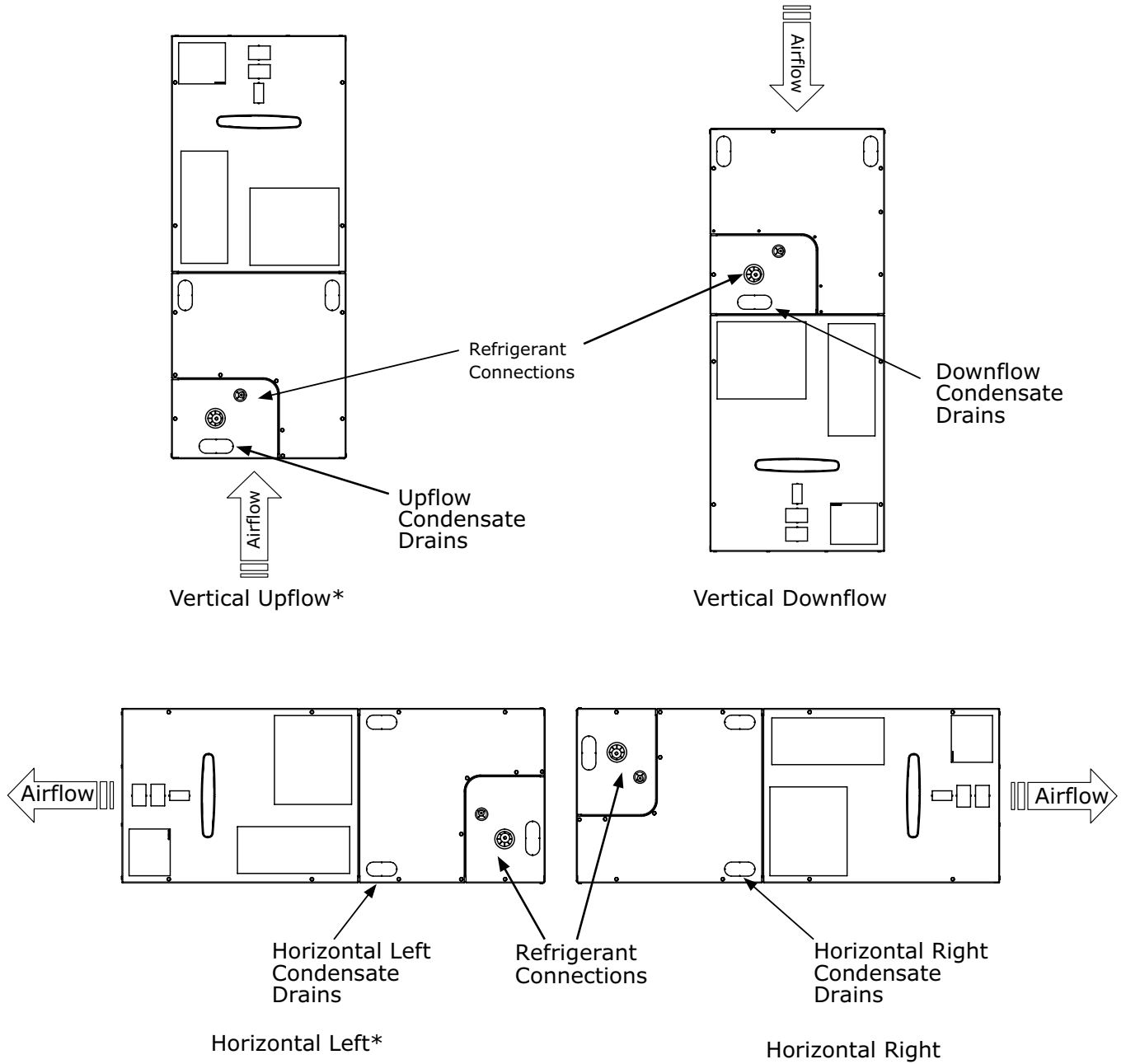


**NOTES:**

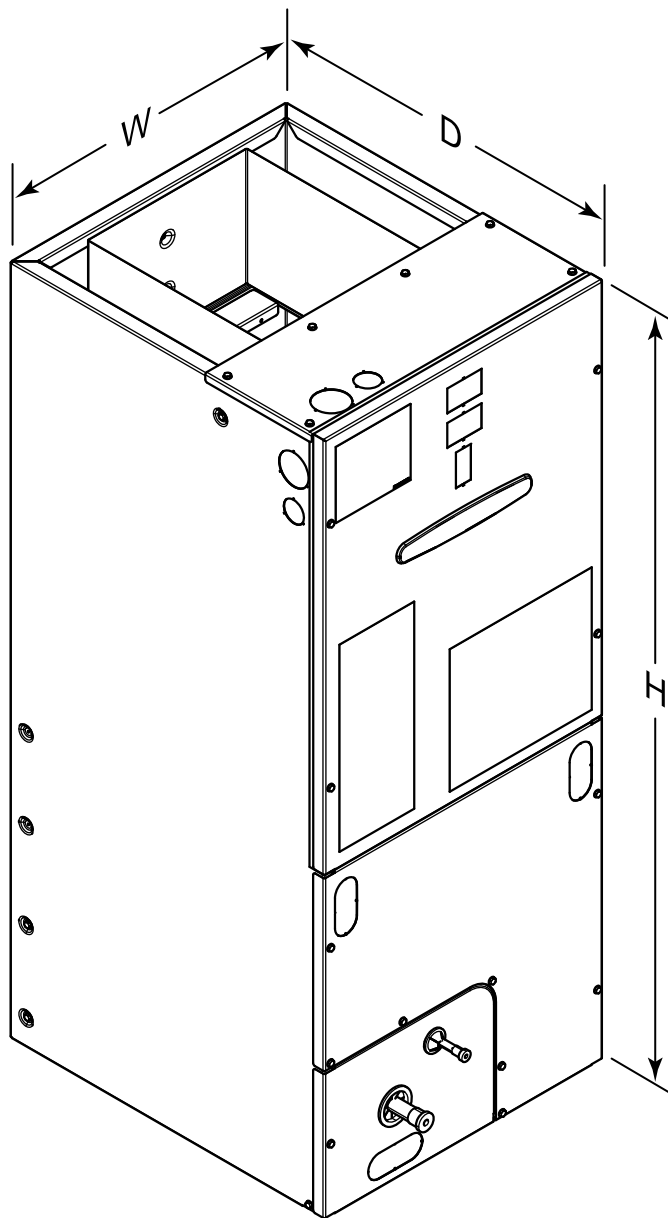
1. Cut the BK jumper on the AFC when using the BK functionality from the thermostat.
2. Y1 and Y0 connections must be made as shown for external switch functionality. (See table 5) Can be used for condensate overflow switch as well as other functions. Configure this functionality from the AFC seven segment display.
3. Connection to X2 is not required when using the 402, 624, 824, or relay panel controls.
4. When using the BK feature from the comfort control, the Y1 & Y2 inputs to the AFC are for the 7 segment display only. The BK feature has 100% control over air flow.

# TEM Convertibility

**Figure 1. Multi-Position Air Handler**  
\* = No Internal Modifications Required.

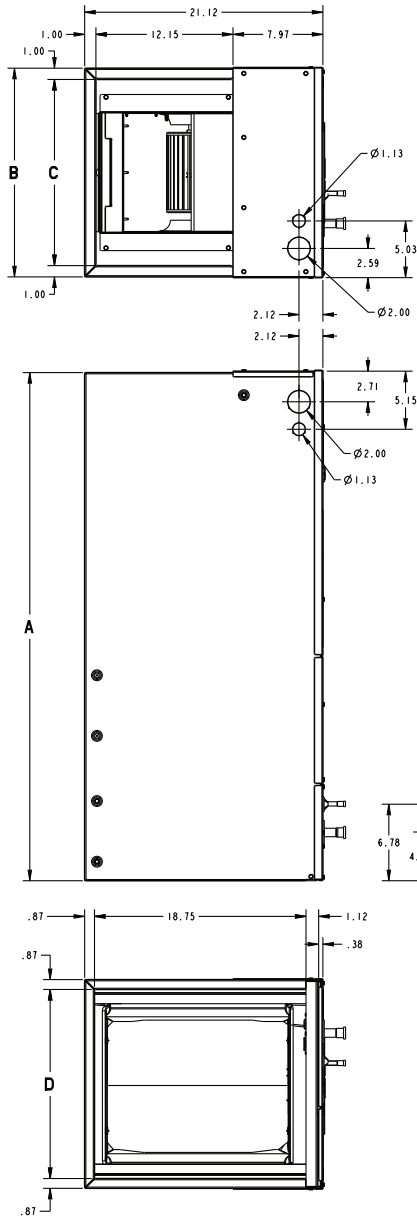


## TEM8 Air Handler Dimensional Data



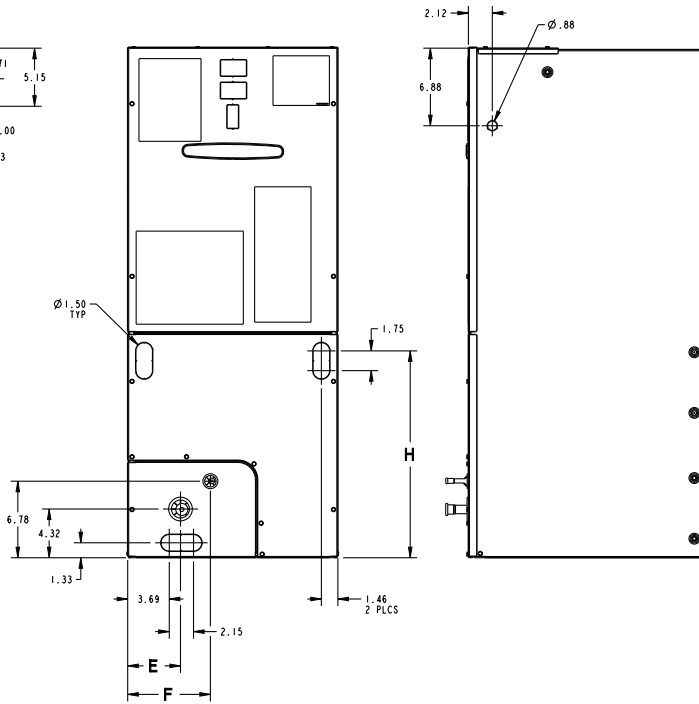
Model No.	H	W	D
TEM8A0B24V21DA	46.77	18.50	21.13
TEM8A0B30V31DA	46.77	18.50	21.13
TEM8A0C36V31DA	51.27	23.50	21.13
TEM8A0C42V41DA	51.27	23.50	21.13
TEM8A0C48V41DA	55.87	23.50	21.13
TEM8A0D48V41DA	53.87	26.50	21.13
TEM8A0C60V51DA	55.87	23.50	21.13
TEM8A0D60V51DA	53.87	26.50	21.13

# Outline Drawing



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

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



PRODUCT DIMENSIONS									
Air Handler Model	A	B	C	D	E	F	H	Flow Control	Gas Line Braze
TEM8A0B24, 30	46.77	18.50	16.50	16.75	4.68	7.33	20.09	TXV	3/4
TEM8A0C36, 42	51.27	23.50	21.50	21.75	7.01	9.66	24.59	TXV	7/8
TEM8A0C48, 60	55.87	23.50	21.50	21.75	4.68	9.66	27.19	TXV	7/8
TEM8A0D48, 60	53.87	26.50	24.50	24.75	7.01	9.66	27.19	TXV	7/8

All dimensions are in inches









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12-1395-1C-EN 15 Aug 2017  
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