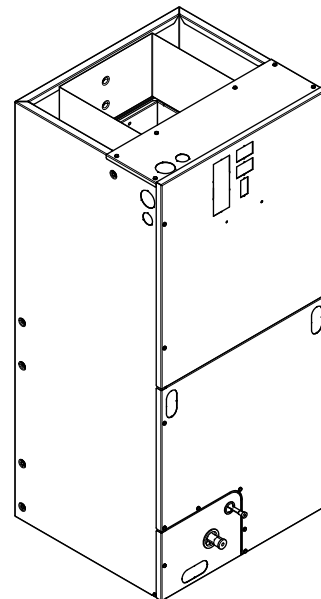




Product Data

Convertible Air Handlers 1-1/2 – 5 Ton

TEM6A0B24H21SC
TEM6A0B30H21SC
TEM6A0C36H31SC
TEM6A0C42H41SC
TEM6A0C48H41SC
TEM6B0C60H51SA



The TEM6 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.



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Features and Benefits

- 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
- 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 |
|--------------------------|---|---------------------|
| BAYHTR1504BRK | Electric Heater, 4KW, Breaker, 24V Control, 1 Ph | TEM6A0B24-TEM6A0D60 |
| BAYHTR1504LUG | Electric Heater, 4KW, Lug, 24V Control, 1 Ph | TEM6A0B24-TEM6A0D60 |
| BAYHTR1505BRK | Electric Heater, 5KW, Breaker, 24V Control, 1 Ph | TEM6A0B24-TEM6A0D60 |
| BAYHTR1505LUG | Electric Heater, 5KW, Lug, 24V Control, 1 Ph | TEM6A0B24-TEM6A0D60 |
| BAYHTR1508BRK | Electric Heater, 8KW, Breaker, 24V Control, 1 Ph | TEM6A0B24-TEM6A0D60 |
| BAYHTR1508LUG | Electric Heater, 8KW, Lug, 24V Control, 1 Ph | TEM6A0B24-TEM6A0D60 |
| BAYHTR1510BRK | Electric Heater, 10KW, Breaker, 24V Control, 1 Ph | TEM6A0B24-TEM6A0D60 |
| BAYHTR1510LUG | Electric Heater, 10KW, Lug, 24V Control, 1 Ph | TEM6A0B24-TEM6A0D60 |
| BAYHTR1516BRK | Electric Heater, 15KW, Breaker, 24V Control, 1 Ph | TEM6A0B24-TEM6A0D60 |
| BAYHTR3510LUG | Electric Heater, 10KW, Lug, 24V Control, 3 Ph | TEM6A0B24-TEM6A0D60 |
| BAYHTR3515LUG | Electric Heater, 15KW, Lug, 24V Control, 3Ph | TEM6A0B24-TEM6A0D60 |
| BAYHTR1522BRK | Electric Heater, 20KW, Breaker, 24V Control, 1 Ph | TEM6A0B36-TEM6A0D60 |
| BAYHTR1523BRK | Electric Heater, 20KW, Breaker, 24V Control, 1 Ph | TEM6A0B36-TEM6A0D60 |
| BAYHTR1525BRK | Electric Heater, 25KW, Breaker, 24V Control, 1 Ph | TEM6A0B48-TEM6A0D60 |
| BAYTEMSPFG1A/B | Supply Duct Flange Kit | TEM6A0B24-TEM6A0D60 |
| BAYSPEKT201A | Single Point Power Entry Kit | TEM6A0B24-TEM6A0D60 |
| TAYBASE185 | Air Handler Downflow Sub-Bases | TEM6A0B24-TEM6A0B30 |
| TAYBASE235 (TAYBASE 100) | Air Handler Downflow Sub-Bases | TEM6A0C36-TEM6A0C42 |
| TAYBASE260 | Air Handler Downflow Sub-Bases | TEM6A0D48-TEM6A0D60 |
| BAY6TXV2442A | R-22 TXV Conversion Kit | TEM6A0B24-TEM6A0C42 |
| BAY6TXV4860A | R-22 TXV Conversion Kit | TEM6A0D48-TEM6A0D60 |
| BAYATXV6161C | R-22 TXV Conversion Kit | TEM6A0C48-TEM6A0C60 |
| BAYSF1185AAA | Slim Fit Filter Box | 18.5" |
| BAYSF1235AAA | Slim Fit Filter Box | 23.5" |
| BAYSF1265AAA | Slim Fit Filter Box | 26.5" |



Product Specifications

| MODEL | TEM6A0B24H21SC | TEM6A0B30H21SC | TEM6A0C36H31SC |
|---------------------------------------|---------------------------|---------------------------|---------------------------|
| RATED VOLTS/PH/HZ | 208-230/1/60 | 208-230/1/60 | 208-230/1/60 |
| RATINGS^(a) | 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.) | 3.44 | 3.44 | 4.59 |
| Tube Size (in.) | 3/8 | 3/8 | 3/8 |
| Refrigerant Control | TXV | TXV | TXV |
| Drain Conn. Size (in.) ^(b) | 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 8 | 11 X 8 |
| 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 - 1/2 | 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 | 2.5 | 4.3 | 4.3 |
| FILTER | | | |
| Filter Furnished? ^(c) | No | No | No |
| 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.) | 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 |
| WEIGHT | | | |
| Shipping (Lbs.) / Net (Lbs.) | 126/117 | 126/117 | 155/144 |

^(a) 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.

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

^(c) Remote filter required.

Product Specifications

| MODEL | TEM6A0C42H41SC | TEM6A0C48H41SC | TEM6B0C60H51SA |
|---------------------------------------|---------------------------|----------------------------|----------------------------|
| RATED VOLTS/PH/HZ | 208-230/1/60 | 208-230/1/60 | 208-230/1/60 |
| RATINGS^(a) | 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 | 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.) ^(b) | 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 11 | 11 X 11 |
| 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 |
| FILTER | | | |
| Filter Furnished? ^(c) | No | No | No |
| 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.) | 52-3/4 x 27-1/2 x 25-1/2 | 57-11/16 x 27-1/2 x 25-1/2 | 57-11/16 x 27-1/2 x 25-1/2 |
| Uncrated | 51-3/8 x 23-1/2 x 21-1/8 | 57-3/8 x 23-1/2 x 21-1/8 | 57-3/8 x 23-1/2 x 21-1/8 |
| WEIGHT | | | |
| Shipping (Lbs.) / Net (Lbs.) | 155/144 | 185/174 | 185/174 |

^(a) 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.

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

^(c) 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 | BAYHTR1517 | 3 |
| 1300 | 0.02 | 0.04 | 0.05 | 0.11 | BAYHTR3510 | 3 |
| 1200 | 0.01 | 0.04 | 0.05 | 0.10 | BAYHTR3517 | 3 |
| 1100 | 0.01 | 0.03 | 0.05 | 0.09 | BAYHTR1523 | 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

| System Matched with: | Indoor Unit Model No. | Outdoor Model No. | Subcooling |
|----------------------|--|--|------------|
| 16 SEER HP — 2 ton | TEM6A0C36H31 | 4TWR6024H1000A 4TWX6024H1000A 4A6H6024H1000A | 13 Degrees |
| 15 SEER HP — 2 ton | TEM6A0B24H21 TEM6A0B30H21 | 4TWR5024G1000A 4A6H5024G1000A | 14 Degrees |
| 15 SEER HP — 3 ton | TEM6A0B30H21 TEM6A0C36H31 TEM6A0C42H41 | 4TWR5036G1000A 4A6H5036G1000A | 14 Degrees |

All other matches must be charged per the nameplate charging instructions

Subcooling Adjustment for TEM6A0C48H41 & TEM6B0C60H51

| 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

Table 1. Air Flow Performance

| TEM6A0B24H21SC COOLING AIRFLOW PERFORMANCE, WET COIL, NO FILTER, NO HEATER | | | | | | | | | | | | |
|--|-----------------------|-----------------|--------------------|-----|-----|-----|---------------|--------------------------|------------|------------|------------|------------|
| OUTDOOR UNIT SIZE (TONS) | SPEED SETTING | AIRFLOW SETTING | DIP SWITCH SETTING | | | | AIRFLOW POWER | EXTERNAL STATIC PRESSURE | | | | |
| | | | SW1 | SW2 | SW3 | SW4 | | 0.1 | 0.3 | 0.5 | 0.7 | 0.9 |
| 1.5 | LOW | 353 CFM/ton | ON | ON | OFF | ON | CFM Watts | 533 52 | 497 78 | 461 104 | 425 130 | 390 157 |
| | NORMAL | 401 CFM/ton | ON | ON | OFF | OFF | CFM Watts | 611 65 | 580 95 | 548 125 | 517 155 | 486 185 |
| | HIGH | 451 CFM/ton | ON | ON | ON | OFF | CFM Watts | 684 81 | 668 115 | 644 148 | 611 182 | 570 215 |
| 2 | LOW | 343 CFM/ton | OFF | ON | OFF | ON | CFM Watts | 687 82 | 672 115 | 648 149 | 614 182 | 571 215 |
| | NORMAL | 390 CFM/ton | OFF | ON | OFF | OFF | CFM Watts | 789 104 | 798 145 | 780 183 | 735 216 | 663 246 |
| | HIGH | 439 CFM/ton | OFF | ON | ON | OFF | CFM Watts | 884 135 | 887 177 | 882 230 | 845 274 | 751 290 |
| 2.5 | LOW | 300 CFM/ton | ON | OFF | OFF | ON | CFM Watts | 752 92 | 749 123 | 729 167 | 691 211 | 636 241 |
| | NORMAL ^(a) | 340 CFM/ton | ON | OFF | OFF | OFF | CFM Watts | 859 128 | 861 172 | 863 211 | 830 242 | 727 268 |
| | HIGH | 383 CFM/ton | ON | OFF | ON | OFF | CFM Watts | 963 172 | 973 223 | 995 263 | 967 291 | 844 308 |

^(a) Factory Default Setting

Table 2. Air Flow Performance

| TEM6A0B24H21SC HEATING AIRFLOW PERFORMANCE, NO FILTER, NO HEATER | | | | | | | | | | | | |
|--|-----------------------|-----------------|--------------------|-----|-----|-----|---------------|--------------------------|-------------|-------------|-------------|------------|
| OUTDOOR UNIT SIZE (TONS) | SPEED SETTING | AIRFLOW SETTING | DIP SWITCH SETTING | | | | AIRFLOW POWER | EXTERNAL STATIC PRESSURE | | | | |
| | | | SW1 | SW2 | SW3 | SW4 | | 0.1 | 0.3 | 0.5 | 0.7 | 0.9 |
| 1.5 | LOW | 394 CFM/ton | ON | ON | OFF | ON | CFM Watts | 599 58 | 571 88 | 539 117 | 502 146 | 462 175 |
| | NORMAL | 448 CFM/ton | ON | ON | OFF | OFF | CFM Watts | 680 72 | 665 109 | 641 145 | 610 178 | 572 209 |
| | HIGH | 493 CFM/ton | ON | ON | ON | OFF | CFM Watts | 748 89 | 746 118 | 682 163 | 545 208 | 326 240 |
| 2 | LOW | 393 CFM/ton | OFF | ON | OFF | ON | CFM Watts | 785 97 | 790 128 | 773 175 | 735 223 | 674 253 |
| | NORMAL | 446 CFM/ton | OFF | ON | OFF | OFF | CFM Watts | 904 131 | 902 179 | 912 219 | 894 253 | 809 281 |
| | HIGH | 491 CFM/ton | OFF | ON | ON | OFF | CFM Watts | 980 167 | 972 216 | 990 268 | 974 308 | 863 324 |
| 2.5 | LOW | 350 CFM/ton | ON | OFF | OFF | ON | CFM Watts | 866 125 | 870 162 | 866 215 | 833 263 | 750 286 |
| | NORMAL ^(a) | 398 CFM/ton | ON | OFF | OFF | OFF | CFM Watts | 995 171 | 988 222 | 1005 271 | 986 309 | 872 325 |
| | HIGH | 437 CFM/ton | ON | OFF | ON | OFF | CFM Watts | 1099 220 | 1086 274 | 1098 328 | 1065 362 | 918 353 |

^(a) Factory Default Setting



Performance and Electrical Data

Table 3. Air Flow Performance

| TEM6A0B30H21SC COOLING AIRFLOW PERFORMANCE, WET COIL, NO FILTER, NO HEATER | | | | | | | | | | | | |
|--|-----------------------|-----------------|--------------------|-----|-----|-----|---------------|--------------------------|-------------|-------------|-------------|------------|
| OUTDOOR UNIT SIZE (TONS) | SPEED SETTING | AIRFLOW SETTING | DIP SWITCH SETTING | | | | AIRFLOW POWER | EXTERNAL STATIC PRESSURE | | | | |
| | | | SW1 | SW2 | SW3 | SW4 | | 0.1 | 0.3 | 0.5 | 0.7 | 0.9 |
| 1.5 | LOW | 353 CFM/ton | ON | ON | OFF | ON | CFM Watts | 533 52 | 497 78 | 461 104 | 425 130 | 390 157 |
| | NORMAL | 401 CFM/ton | ON | ON | OFF | OFF | CFM Watts | 611 65 | 580 95 | 548 125 | 517 155 | 486 185 |
| | HIGH | 451 CFM/ton | ON | ON | ON | OFF | CFM Watts | 684 81 | 668 115 | 644 148 | 611 182 | 570 215 |
| 2 | LOW | 343 CFM/ton | OFF | ON | OFF | ON | CFM Watts | 687 82 | 672 115 | 648 149 | 614 182 | 571 215 |
| | NORMAL | 390 CFM/ton | OFF | ON | OFF | OFF | CFM Watts | 789 104 | 798 145 | 780 183 | 735 216 | 663 246 |
| | HIGH | 439 CFM/ton | OFF | ON | ON | OFF | CFM Watts | 884 135 | 887 177 | 882 230 | 845 274 | 751 290 |
| 2.5 | LOW | 300 CFM/ton | ON | OFF | OFF | ON | CFM Watts | 752 92 | 749 123 | 729 167 | 691 211 | 636 241 |
| | NORMAL | 340 CFM/ton | ON | OFF | OFF | OFF | CFM Watts | 859 128 | 861 172 | 863 211 | 830 242 | 727 268 |
| | HIGH | 383 CFM/ton | ON | OFF | ON | OFF | CFM Watts | 963 172 | 973 223 | 995 263 | 967 291 | 844 308 |
| 3 | LOW | 310 CFM/ton | OFF | OFF | OFF | ON | CFM Watts | 913 119 | 947 172 | 962 233 | 938 297 | 883 364 |
| | NORMAL ^(a) | 330 CFM/ton | OFF | OFF | OFF | OFF | CFM Watts | 967 138 | 1004 194 | 1022 258 | 1000 326 | 947 397 |

^(a) Factory Default Setting

Table 4. Air Flow Performance

| TEM6A0B30H21SC HEATING AIRFLOW PERFORMANCE, NO FILTER, NO HEATER | | | | | | | | | | | | |
|--|-----------------------|-----------------|--------------------|-----|-----|-----|---------------|--------------------------|-------------|-------------|-------------|-------------|
| OUTDOOR UNIT SIZE (TONS) | SPEED SETTING | AIRFLOW SETTING | DIP SWITCH SETTING | | | | AIRFLOW POWER | EXTERNAL STATIC PRESSURE | | | | |
| | | | SW1 | SW2 | SW3 | SW4 | | 0.1 | 0.3 | 0.5 | 0.7 | 0.9 |
| 1.5 | LOW | 394 CFM/ton | ON | ON | OFF | ON | CFM Watts | 599 58 | 571 88 | 539 117 | 502 146 | 462 175 |
| | NORMAL | 448 CFM/ton | ON | ON | OFF | OFF | CFM Watts | 680 72 | 665 109 | 641 145 | 610 178 | 572 209 |
| | HIGH | 493 CFM/ton | ON | ON | ON | OFF | CFM Watts | 748 89 | 746 118 | 682 163 | 545 208 | 326 240 |
| 2 | LOW | 393 CFM/ton | OFF | ON | OFF | ON | CFM Watts | 785 97 | 790 128 | 773 175 | 735 223 | 674 253 |
| | NORMAL | 446 CFM/ton | OFF | ON | OFF | OFF | CFM Watts | 904 131 | 902 179 | 912 219 | 894 253 | 809 281 |
| | HIGH | 491 CFM/ton | OFF | ON | ON | OFF | CFM Watts | 980 167 | 972 216 | 990 268 | 974 308 | 863 324 |
| 2.5 | LOW | 350 CFM/ton | ON | OFF | OFF | ON | CFM Watts | 866 125 | 870 162 | 866 215 | 833 263 | 750 286 |
| | NORMAL | 398 CFM/ton | ON | OFF | OFF | OFF | CFM Watts | 995 171 | 988 222 | 1005 271 | 986 309 | 872 325 |
| | HIGH | 437 CFM/ton | ON | OFF | ON | OFF | CFM Watts | 1099 220 | 1086 274 | 1098 328 | 1065 362 | 918 353 |
| 3 | LOW | 325 CFM/ton | OFF | OFF | OFF | ON | CFM Watts | 953 133 | 990 188 | 1007 251 | 985 318 | 931 389 |
| | NORMAL ^(a) | 346 CFM/ton | OFF | OFF | OFF | OFF | CFM Watts | 1010 154 | 1049 212 | 1066 279 | 1047 350 | 1000 426 |

^(a) Factory Default Setting

Table 5. Air Flow Performance

| TEM6A0C36H31SC, TEM6A0C42H41SC COOLING AIRFLOW PERFORMANCE, WET COIL, NO FILTER, NO HEATER | | | | | | | | | | | | |
|---|-----------------------|-----------------|--------------------|-----|-----|-----|---------------|--------------------------|-------------|-------------|-------------|-------------|
| OUTDOOR UNIT SIZE (TONS) | SPEED SETTING | AIRFLOW SETTING | DIP SWITCH SETTING | | | | AIRFLOW POWER | EXTERNAL STATIC PRESSURE | | | | |
| | | | SW1 | SW2 | SW3 | SW4 | | 0.1 | 0.3 | 0.5 | 0.7 | 0.9 |
| 2.5 | LOW | 300 CFM/ton | ON | ON | OFF | ON | CFM Watts | 761 63 | 755 98 | 719 131 | 654 163 | 560 193 |
| | NORMAL | 341 CFM/ton | ON | ON | OFF | OFF | CFM Watts | 862 82 | 861 120 | 834 158 | 781 196 | 700 235 |
| | HIGH | 384 CFM/ton | ON | ON | ON | OFF | CFM Watts | 962 106 | 963 147 | 948 190 | 915 234 | 863 279 |
| 3 | LOW | 319 CFM/ton | OFF | ON | OFF | ON | CFM Watts | 961 106 | 962 147 | 947 189 | 914 233 | 862 279 |
| | NORMAL | 363 CFM/ton | OFF | ON | OFF | OFF | CFM Watts | 1092 146 | 1093 192 | 1082 240 | 1060 288 | 1026 337 |
| | HIGH | 408 CFM/ton | OFF | ON | ON | OFF | CFM Watts | 1231 196 | 1231 249 | 1221 301 | 1203 353 | 1175 404 |
| 3.5 | LOW | 315 CFM/ton | ON | OFF | OFF | ON | CFM Watts | 1104 150 | 1105 197 | 1094 245 | 1072 293 | 1039 343 |
| | NORMAL | 357 CFM/ton | ON | OFF | OFF | OFF | CFM Watts | 1258 209 | 1258 263 | 1248 317 | 1229 369 | 1201 421 |
| | HIGH | 402 CFM/ton | ON | OFF | ON | OFF | CFM Watts | 1418 286 | 1415 347 | 1401 406 | 1379 462 | 1348 516 |
| 4 | LOW | 308 CFM/ton | OFF | OFF | OFF | ON | CFM Watts | 1238 199 | 1238 253 | 1229 306 | 1210 357 | 1182 408 |
| | NORMAL ^(a) | 350 CFM/ton | OFF | OFF | OFF | OFF | CFM Watts | 1412 282 | 1410 344 | 1398 404 | 1378 462 | 1349 517 |
| | HIGH | 394 CFM/ton | OFF | OFF | ON | OFF | CFM Watts | 1570 393 | 1528 436 | 1473 466 | 1406 483 | 1326 488 |

^(a) Factory Default Setting

Table 6. Air Flow Performance

| TEM6A0C36H31SC, TEM6A0C42H41SC HEATING AIRFLOW PERFORMANCE, NO FILTER, NO HEATER | | | | | | | | | | | | |
|---|-----------------------|-----------------|--------------------|-----|-----|-----|---------------|--------------------------|-------------|-------------|-------------|-------------|
| OUTDOOR UNIT SIZE (TONS) | SPEED SETTING | AIRFLOW SETTING | DIP SWITCH SETTING | | | | AIRFLOW POWER | EXTERNAL STATIC PRESSURE | | | | |
| | | | SW1 | SW2 | SW3 | SW4 | | 0.1 | 0.3 | 0.5 | 0.7 | 0.9 |
| 2.5 | LOW | 341 CFM/ton | ON | ON | OFF | ON | CFM Watts | 860 77 | 863 115 | 838 154 | 788 193 | 707 232 |
| | NORMAL | 379 CFM/ton | ON | ON | OFF | OFF | CFM Watts | 949 98 | 953 138 | 937 180 | 906 224 | 852 269 |
| | HIGH | 417 CFM/ton | ON | ON | ON | OFF | CFM Watts | 1042 122 | 1046 166 | 1036 212 | 1015 259 | 980 308 |
| 3 | LOW | 381 CFM/ton | OFF | ON | OFF | ON | CFM Watts | 1147 154 | 1149 203 | 1141 253 | 1123 303 | 1094 353 |
| | NORMAL | 424 CFM/ton | OFF | ON | OFF | OFF | CFM Watts | 1277 204 | 1279 259 | 1272 314 | 1255 368 | 1228 421 |
| | HIGH | 466 CFM/ton | OFF | ON | ON | OFF | CFM Watts | 1409 260 | 1409 323 | 1401 383 | 1384 442 | 1357 500 |
| 3.5 | LOW | 348 CFM/ton | ON | OFF | OFF | ON | CFM Watts | 1222 180 | 1224 232 | 1216 285 | 1200 336 | 1174 388 |
| | NORMAL | 386 CFM/ton | ON | OFF | OFF | OFF | CFM Watts | 1361 240 | 1362 300 | 1354 358 | 1337 415 | 1310 471 |
| | HIGH | 425 CFM/ton | ON | OFF | ON | OFF | CFM Watts | 1497 316 | 1478 372 | 1449 420 | 1408 461 | 1356 494 |
| 4 | LOW | 338 CFM/ton | OFF | OFF | OFF | ON | CFM Watts | 1360 239 | 1361 299 | 1353 358 | 1336 415 | 1309 470 |
| | NORMAL ^(a) | 375 CFM/ton | OFF | OFF | OFF | OFF | CFM Watts | 1511 325 | 1489 380 | 1456 426 | 1412 464 | 1355 493 |
| | HIGH | 413 CFM/ton | OFF | OFF | ON | OFF | CFM Watts | 1659 420 | 1605 463 | 1535 488 | 1450 494 | 1349 483 |

^(a) Factory Default Setting



Performance and Electrical Data

Table 7. Air Flow Performance

| TEM6A0C48H41SC, TEM6B0C60H51SA COOLING AIRFLOW PERFORMANCE, WET COIL, NO FILTER, NO HEATER | | | | | | | | | | | | |
|--|---------------|-----------------|--------------------|-----|-----|-----|---------------|--------------------------|-------------|-------------|-------------|-------------|
| OUTDOOR UNIT SIZE (TONS) | SPEED SETTING | AIRFLOW SETTING | DIP SWITCH SETTING | | | | AIRFLOW POWER | EXTERNAL STATIC PRESSURE | | | | |
| | | | SW1 | SW2 | SW3 | SW4 | | 0.1 | 0.3 | 0.5 | 0.7 | 0.9 |
| 3 | LOW | 324 CFM/ton | ON | ON | OFF | ON | CFM Watts | 991 89 | 985 133 | 974 186 | 984 237 | 994 303 |
| | NORMAL | 368 CFM/ton | ON | ON | OFF | OFF | CFM Watts | 1120 118 | 1119 167 | 1110 224 | 1116 279 | 1122 333 |
| | HIGH | 423 CFM/ton | ON | ON | ON | OFF | CFM Watts | 1282 162 | 1286 219 | 1281 280 | 1280 343 | 1282 402 |
| 3.5 | LOW | 314 CFM/ton | OFF | ON | OFF | ON | CFM Watts | 1116 117 | 1114 165 | 1105 222 | 1111 277 | 1117 331 |
| | NORMAL | 357 CFM/ton | OFF | ON | OFF | OFF | CFM Watts | 1263 156 | 1266 212 | 1261 273 | 1261 334 | 1263 392 |
| | HIGH | 411 CFM/ton | OFF | ON | ON | OFF | CFM Watts | 1449 218 | 1458 287 | 1456 352 | 1449 421 | 1447 496 |
| 4 | LOW | 298 CFM/ton | ON | OFF | OFF | ON | CFM Watts | 1207 140 | 1208 193 | 1201 252 | 1203 311 | 1207 366 |
| | NORMAL | 339 CFM/ton | ON | OFF | OFF | OFF | CFM Watts | 1368 190 | 1374 252 | 1370 315 | 1367 381 | 1367 448 |
| | HIGH | 389 CFM/ton | ON | OFF | ON | OFF | CFM Watts | 1564 264 | 1577 343 | 1577 411 | 1567 484 | 1561 570 |
| 5 | LOW | 305 CFM/ton | OFF | OFF | OFF | ON | CFM Watts | 1534 251 | 1545 328 | 1545 394 | 1536 467 | 1531 550 |
| | NORMAL (a) | 347 CFM/ton | OFF | OFF | OFF | OFF | CFM Watts | 1740 344 | 1758 444 | 1762 518 | 1745 594 | 1734 684 |
| | HIGH (b) | 399 CFM/ton | OFF | OFF | ON | OFF | CFM Watts | 1995 484 | 2022 629 | 2030 717 | 2005 783 | 1987 828 |

(a) Factory Default Setting

(b) Airflow must not exceed 1800 cfm in horizontal right, horizontal left, and downflow applications due to condensate blowoff. The 5 ton high tap shall not be used in these applications.

Table 8. Air Flow Performance

| TEM6A0C48H41SC, TEM6B0C60H51SA HEATING AIRFLOW PERFORMANCE, NO FILTER, NO HEATER | | | | | | | | | | | | |
|--|---------------|-----------------|--------------------|-----|-----|-----|---------------|--------------------------|-------------|-------------|-------------|-------------|
| OUTDOOR UNIT SIZE (TONS) | SPEED SETTING | AIRFLOW SETTING | DIP SWITCH SETTING | | | | AIRFLOW POWER | EXTERNAL STATIC PRESSURE | | | | |
| | | | SW1 | SW2 | SW3 | SW4 | | 0.1 | 0.3 | 0.5 | 0.7 | 0.9 |
| 3 | LOW | 360 CFM/ton | ON | ON | OFF | ON | CFM Watts | 1097 112 | 1094 160 | 1086 216 | 1092 271 | 1099 326 |
| | NORMAL | 400 CFM/ton | ON | ON | OFF | OFF | CFM Watts | 1215 142 | 1216 196 | 1210 255 | 1211 314 | 1215 369 |
| | HIGH | 440 CFM/ton | ON | ON | ON | OFF | CFM Watts | 1333 178 | 1338 238 | 1333 300 | 1331 365 | 1332 428 |
| 3.5 | LOW | 348 CFM/ton | OFF | ON | OFF | ON | CFM Watts | 1232 147 | 1234 202 | 1228 261 | 1229 322 | 1233 377 |
| | NORMAL | 387 CFM/ton | OFF | ON | OFF | OFF | CFM Watts | 1366 189 | 1373 252 | 1369 314 | 1366 381 | 1365 447 |
| | HIGH | 426 CFM/ton | OFF | ON | ON | OFF | CFM Watts | 1500 238 | 1511 311 | 1510 377 | 1502 449 | 1498 529 |
| 4 | LOW | 338 CFM/ton | ON | OFF | OFF | ON | CFM Watts | 1364 188 | 1370 251 | 1366 313 | 1363 379 | 1363 446 |
| | NORMAL | 375 CFM/ton | ON | OFF | OFF | OFF | CFM Watts | 1509 241 | 1520 315 | 1519 382 | 1511 453 | 1506 535 |
| | HIGH | 413 CFM/ton | ON | OFF | ON | OFF | CFM Watts | 1659 305 | 1674 395 | 1676 466 | 1662 541 | 1654 632 |
| 5 | LOW | 326 CFM/ton | OFF | OFF | OFF | ON | CFM Watts | 1637 295 | 1652 383 | 1653 453 | 1641 528 | 1632 618 |
| | NORMAL (a) | 362 CFM/ton | OFF | OFF | OFF | OFF | CFM Watts | 1814 381 | 1834 493 | 1839 570 | 1820 645 | 1807 730 |
| | HIGH | 398 CFM/ton | OFF | OFF | ON | OFF | CFM Watts | 1990 481 | 2017 625 | 2025 713 | 2000 779 | 1982 826 |

(a) Factory Default Setting

Table 9. Electrical Data

| TEM6A0B24H21SC 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 | | | | 2.5 * | 3 | 15 | | | 2.5 * | 3 | 15 |
| BAYHTR1504BRK BAYHTR1504LUG | 1/1 | 3.84 | 13100 | 16.0 | 23 | 25 | 2.88 | 9800 | 13.8 | 20 | 20 |
| BAYHTR1505BRK BAYHTR1505LUG | 1/1 | 4.80 | 16400 | 20.0 | 28 | 30 | 3.60 | 12300 | 17.3 | 25 | 25 |
| BAYHTR1508BRK BAYHTR1508LUG | 1/1 | 7.68 | 26200 | 32.0 | 43 | 45 | 5.76 | 19700 | 27.7 | 38 | 40 |
| BAYHTR1510BRK BAYHTR1510LUG | 1/1 | 9.60 | 32800 | 40.0 | 53 | 60 | 7.20 | 24600 | 34.6 | 46 | 50 |
| BAYHTR1517BRK Circuit 1 ^(a) | 2/1 | 9.60 | 32800 | 40.0 | 53 | 60 | 7.20 | 24600 | 34.6 | 46 | 50 |
| BAYHTR1517BRK Circuit 2 | | 4.80 | 16400 | 20.0 | 25 | 25 | 3.60 | 12300 | 17.3 | 22 | 25 |
| BAYHTR3510LUG | 1/3 | 9.60 | 32800 | 23.1 | 32 | 35 | 7.20 | 24600 | 20.0 | 28 | 30 |
| BAYHTR3517LUG | 1/3 | 14.40 | 49100 | 34.6 | 46 | 50 | 10.80 | 36900 | 30.0 | 40 | 45 |

* = Motor Amps

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

Table 10. Electrical Data

| TEM6A0B30H21SC 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 |
| BAYHTR1504BRK BAYHTR1504LUG | 1/1 | 3.84 | 13100 | 16.0 | 25 | 25 | 2.88 | 9800 | 13.8 | 23 | 25 |
| BAYHTR1505BRK BAYHTR1505LUG | 1/1 | 4.80 | 16400 | 20.0 | 30 | 30 | 3.60 | 12300 | 17.3 | 27 | 30 |
| BAYHTR1508BRK BAYHTR1508LUG | 1/1 | 7.68 | 26200 | 32.0 | 45 | 45 | 5.76 | 19700 | 27.7 | 40 | 40 |
| BAYHTR1510BRK BAYHTR1510LUG | 1/1 | 9.60 | 32800 | 40.0 | 55 | 60 | 7.20 | 24600 | 34.6 | 49 | 50 |
| BAYHTR1517BRK Circuit 1 ^(a) | 2/1 | 9.60 | 32800 | 40.0 | 55 | 60 | 7.20 | 24600 | 34.6 | 49 | 50 |
| BAYHTR1517BRK Circuit 2 | | 4.80 | 16400 | 20.0 | 25 | 25 | 3.60 | 12300 | 17.3 | 22 | 25 |
| BAYHTR3510LUG | 1/3 | 9.60 | 32800 | 23.1 | 34 | 35 | 7.20 | 24600 | 20.0 | 30 | 30 |
| BAYHTR3517LUG | 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 11. Electrical Data

| TEM6A0C36H31SC, TEM6A0C42H41SC 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 |
| BAYHTR1504BRK BAYHTR1504LUG | 1/1 | 3.84 | 13100 | 16.0 | 25 | 25 | 2.88 | 9800 | 13.8 | 23 | 25 |
| BAYHTR1505BRK BAYHTR1505LUG | 1/1 | 4.80 | 16400 | 20.0 | 30 | 30 | 3.60 | 12300 | 17.3 | 27 | 30 |
| BAYHTR1508BRK BAYHTR1508LUG | 1/1 | 7.68 | 26200 | 32.0 | 45 | 45 | 5.76 | 19700 | 27.7 | 40 | 40 |
| BAYHTR1510BRK BAYHTR1510LUG | 1/1 | 9.60 | 32800 | 40.0 | 55 | 60 | 7.20 | 24600 | 34.6 | 49 | 50 |
| BAYHTR1517BRK Circuit 1 ^(a) | 2/1 | 9.60 | 32800 | 40.0 | 55 | 60 | 7.20 | 24600 | 34.6 | 49 | 50 |
| BAYHTR1517BRK Circuit 2 | | 4.80 | 16400 | 20.0 | 25 | 25 | 3.60 | 12300 | 17.3 | 22 | 25 |
| BAYHTR1523BRK Circuit 1 ^(a) | 2/1 | 9.60 | 32800 | 40.0 | 55 | 60 | 7.20 | 24600 | 34.6 | 49 | 50 |
| BAYHTR1523BRK Circuit 2 | | 9.60 | 32800 | 40.0 | 50 | 50 | 7.20 | 24600 | 34.6 | 43 | 45 |
| BAYHTR3510LUG | 1/3 | 9.60 | 32800 | 23.1 | 34 | 35 | 7.20 | 24600 | 20.0 | 30 | 30 |
| BAYHTR3517LUG | 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

Table 12. Electrical Data

| TEM6A0C48H41SC, TEM6B0C60H51SA 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 | | | | 6.8 * | 9 | 15 | | | 6.8 * | 9 | 15 |
| BAYHTR1504BRK BAYHTR1504LUG | 1/1 | 3.84 | 13100 | 16.0 | 29 | 30 | 2.88 | 9800 | 13.8 | 26 | 30 |
| BAYHTR1505BRK BAYHTR1505LUG | 1/1 | 4.80 | 16400 | 20.0 | 34 | 35 | 3.60 | 12300 | 17.3 | 30 | 30 |
| BAYHTR1508BRK BAYHTR1508LUG | 1/1 | 7.68 | 26200 | 32.0 | 49 | 50 | 5.76 | 19700 | 27.7 | 43 | 45 |
| BAYHTR1510BRK BAYHTR1510LUG | 1/1 | 9.60 | 32800 | 40.0 | 59 | 60 | 7.20 | 24600 | 34.6 | 52 | 60 |
| BAYHTR1517BRK Circuit 1 ^(a) | 2/1 | 9.60 | 32800 | 40.0 | 59 | 60 | 7.20 | 24600 | 34.6 | 52 | 60 |
| BAYHTR1517BRK Circuit 2 | | 4.80 | 16400 | 20.0 | 25 | 25 | 3.60 | 12300 | 17.3 | 22 | 25 |
| BAYHTR1523BRK Circuit 1 ^(a) | 2/1 | 9.60 | 32800 | 40.0 | 59 | 60 | 7.20 | 24600 | 34.6 | 52 | 60 |
| BAYHTR1523BRK Circuit 2 | | 9.60 | 32800 | 40.0 | 50 | 50 | 7.20 | 24600 | 34.6 | 43 | 45 |
| BAYHTR1525BRK Circuit 1 ^(a) | 4/1 | 6.00 | 20500 | 25.0 | 40 | 40 | 4.50 | 15400 | 21.6 | 36 | 40 |
| BAYHTR1525BRK Circuit 2 | | 6.00 | 20500 | 25.0 | 31 | 35 | 4.50 | 15400 | 21.6 | 27 | 30 |
| BAYHTR1525BRK Circuit 3 | | 6.00 | 20500 | 25.0 | 31 | 35 | 4.50 | 15400 | 21.6 | 27 | 30 |
| BAYHTR1525BRK Circuit 4 | | 6.00 | 20500 | 25.0 | 31 | 35 | 4.50 | 15400 | 21.6 | 27 | 30 |
| BAYHTR3510LUG | 1/3 | 9.60 | 32800 | 23.1 | 36 | 40 | 7.20 | 24600 | 20.0 | 33 | 35 |
| BAYHTR3517LUG | 1/3 | 14.40 | 49100 | 34.6 | 51 | 60 | 10.80 | 36900 | 30.0 | 45 | 45 |

* = Motor Amps

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



Minimum Airflow CFM

| TEM6A0B24H21SC, TEM6A0B30H21SC | | |
|--|-----------------------------------|-------------------|
| Heater | Minimum Heater Airflow CFM | |
| | With Heat Pump | Without Heat Pump |
| BAYHTR1504BRK, BAYHTR1504LUG BAYHTR1505BRK, BAYHTR1505LUG | 660 | 600 |
| BAYHTR1508BRK, BAYHTR1508LUG | 780 | 600 |
| BAYHTR1510BRK, BAYHTR1510LUG | 780 | 600 |
| BAYHTR1517BRK | 1050 | 850 |
| BAYHTR3510LUG | 780 | 600 |
| BAYHTR3517LUG | 900 | 850 |

| TEM6A0C36H31SC, TEM6A0C42H41SC | | |
|--|-----------------------------------|-------------------|
| Heater | Minimum Heater Airflow CFM | |
| | With Heat Pump | Without Heat Pump |
| BAYHTR1504BRK, BAYHTR1504LUG BAYHTR1505BRK, BAYHTR1505LUG | 875 | 675 |
| BAYHTR1508BRK, BAYHTR1508LUG | 950 | 820 |
| BAYHTR1510BRK, BAYHTR1510LUG | 1000 | 820 |
| BAYHTR1517BRK | 1000 | 820 |
| BAYHTR3510LUG | 875 | 820 |
| BAYHTR3517LUG | 1000 | 950 |
| BAYHTR1523BRK | 1300 | 1140 |

| TEM6A0C48H41SC, TEM6B0C60H51SA | | |
|--|-----------------------------------|-------------------|
| Heater | Minimum Heater Airflow CFM | |
| | With Heat Pump | Without Heat Pump |
| BAYHTR1504BRK, BAYHTR1504LUG BAYHTR1505BRK, BAYHTR1505LUG | 1200 | 975 |
| BAYHTR1508BRK, BAYHTR1508LUG | 1350 | 975 |
| BAYHTR1510BRK, BAYHTR1510LUG | 1350 | 975 |
| BAYHTR1517BRK | 1365 | 975 |
| BAYHTR3510LUG | 1300 | 975 |
| BAYHTR3517LUG | 1365 | 1120 |
| BAYHTR1523BRK | 1365 | 1300 |
| BAYHTR1525BRK | 1810 | 1505 |



Minimum Airflow CFM

| TEM6A0B24H21SC, TEM6A0B30H21SC Airflow Performance with Auxiliary Heat | | | | |
|---|---------------------|----------|-----------------|---|
| Airflow Settings | Dip Switch Settings | | Nominal Airflow | See following tables for heater application: - Pressure Drop for Electrical Heaters - Minimum Heating Airflow Matrix (on unit nameplates) |
| | Switch 7 | Switch 8 | | |
| Low | ON | ON | 601 | |
| Med-Lo | OFF | ON | 661 | |
| Med-Hi | ON | OFF | 781 | |
| High | OFF | OFF | 973 | |

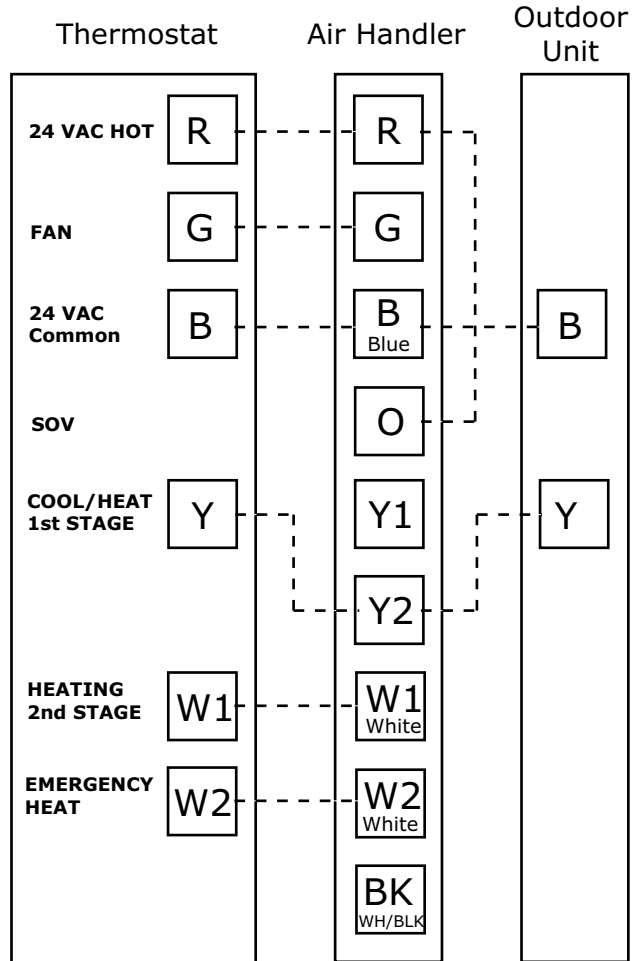
| TEM6A0C36H31SC, TEM6A0C42H41SC Airflow Performance with Auxiliary Heat | | | | |
|---|---------------------|----------|-----------------|---|
| Airflow Settings | Dip Switch Settings | | Nominal Airflow | See following tables for heater application: - Pressure Drop for Electrical Heaters - Minimum Heating Airflow Matrix (on unit nameplates) |
| | Switch 7 | Switch 8 | | |
| Low | ON | ON | 696 | |
| Med-Lo | OFF | ON | 825 | |
| Med-Hi | ON | OFF | 1150 | |
| High | OFF | OFF | 1298 | |

| TEM6A0C48H41SC, TEM6B0C60H51SA Airflow Performance with Auxiliary Heat | | | | |
|---|---------------------|----------|-----------------|---|
| Airflow Settings | Dip Switch Settings | | Nominal Airflow | See following tables for heater application: - Pressure Drop for Electrical Heaters - Minimum Heating Airflow Matrix (on unit nameplates) |
| | Switch 7 | Switch 8 | | |
| Low | ON | ON | 1000 | |
| Med-Lo | OFF | ON | 1130 | |
| Med-Hi | ON | OFF | 1354 | |
| High | OFF | OFF | 1596 | |



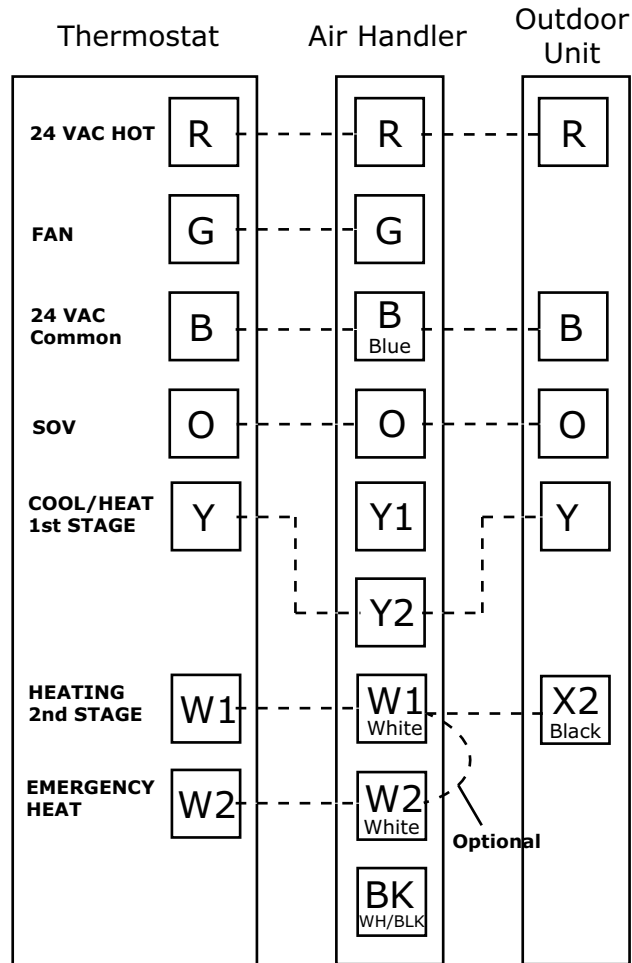
Field Wiring

Single Stage, Cooling Only



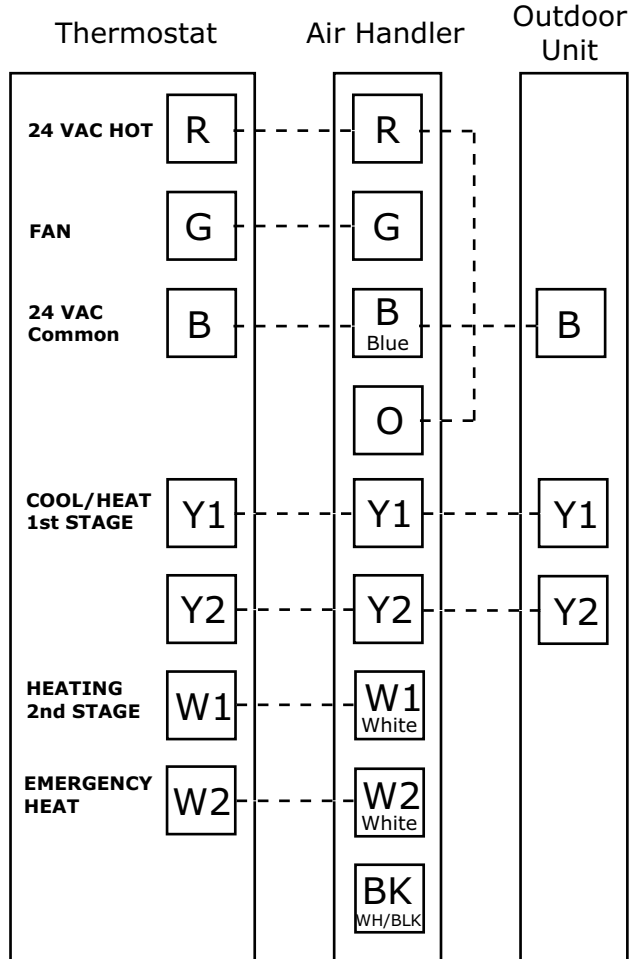
1. * Units with pigtails require wirenuts for connections.
2. Cap all unused wires.
3. For BK enabled comfort control, do not connect Y1 or Y2 at the air handler
4. For BK enabled comfort control, cut the jumper wire between R and BK on the control board. See wiring schematic for details.
5. In AC systems for multiple stages of electric heat, jumper W1 and W2 together if comfort control has only one stage of heat.

Single Stage, HP



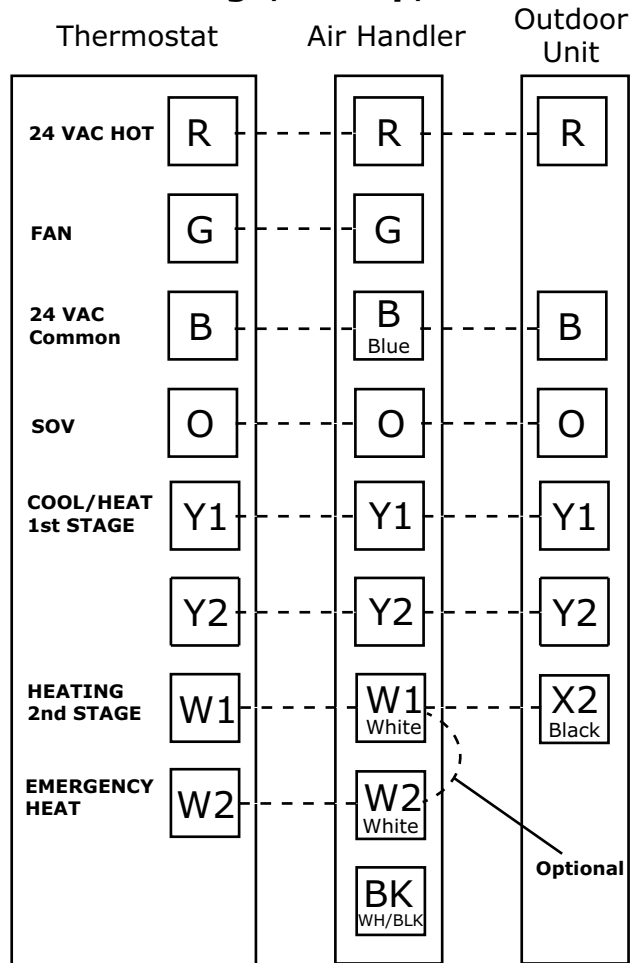
1. * Units with pigtailed require wirenuts for connections.
2. Cap all unused wires.
3. For BK enabled comfort control, do not connect Y1 or Y2 at the air handler
4. For BK enabled comfort control, cut the jumper wire between R and BK on the control board. See wiring schematic for details.
5. In systems for multiple stages of electric heat, jumper W1 and W2 together if comfort control has only one stage of heat.

2 Stage, 2 Step, Cooling Only



1. * Units with pigtailed require wirenuts for connections.
2. Cap all unused wires.
3. For BK enabled comfort control, do not connect Y1 or Y2 at the air handler
4. For BK enabled comfort control, cut the jumper wire between R and BK on the control board. See wiring schematic for details.
5. In AC systems for multiple stages of electric heat, jumper W1 and W2 together if comfort control has only one stage of heat.

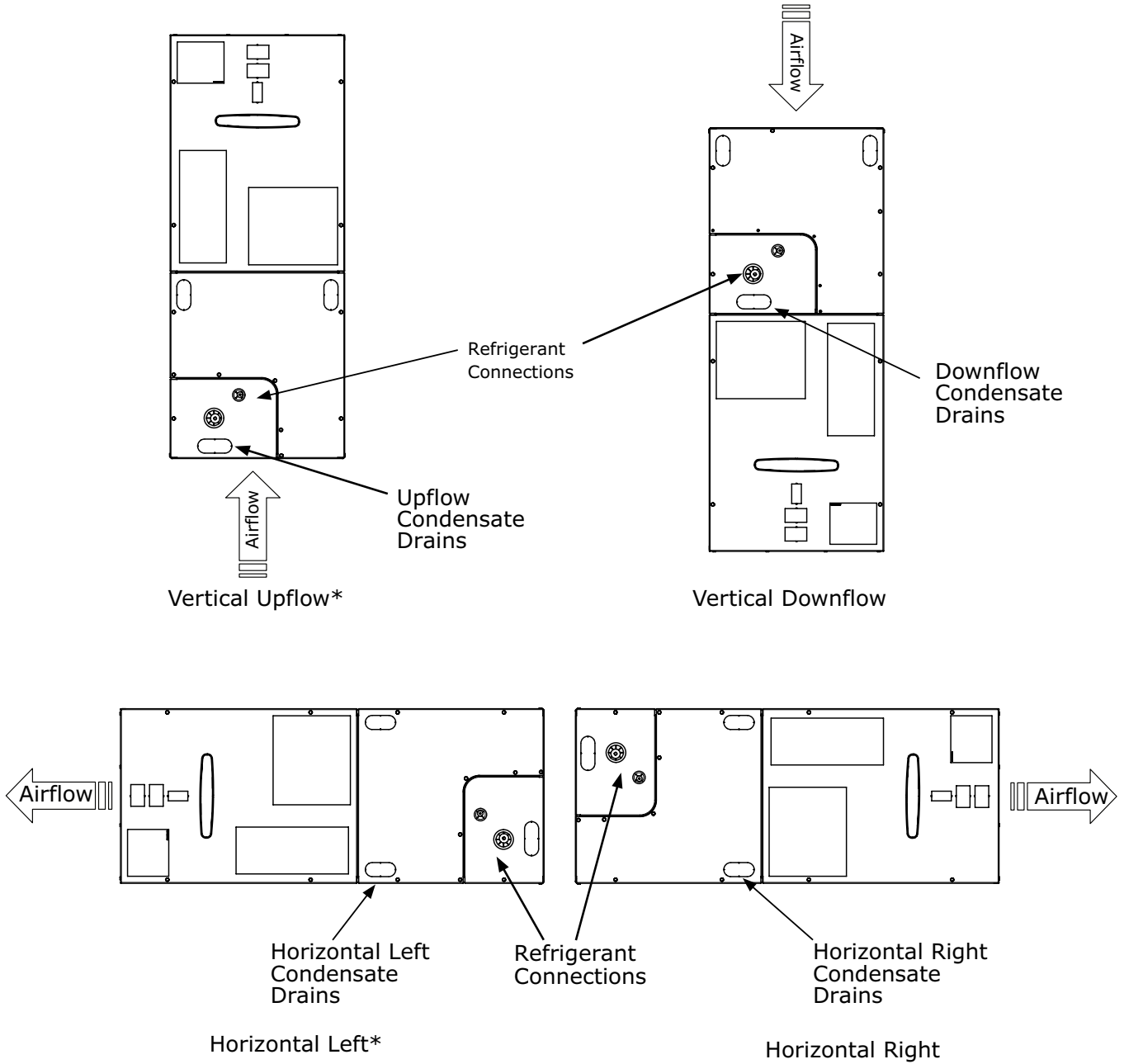
2 Stage, 2 Step, HP



1. * Units with pigtailed require wirenuts for connections.
2. Cap all unused wires.
3. For BK enabled comfort control, do not connect Y1 or Y2 at the air handler
4. For BK enabled comfort control, cut the jumper wire between R and BK on the control board. See wiring schematic for details.
5. In systems for multiple stages of electric heat, jumper W1 and W2 together if comfort control has only one stage of heat.

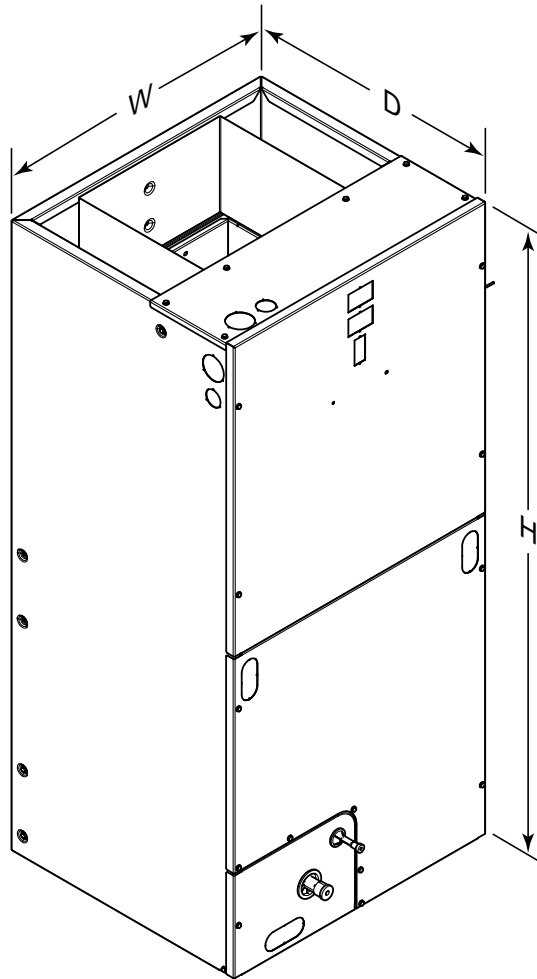
TEM Convertibility

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





TEM6 Air Handler Dimensional Data



| Model No. | H | W | D |
|----------------|-------|-------|-------|
| TEM6A0B24H21SC | 45.02 | 18.50 | 21.13 |
| TEM6A0B30H21SC | 45.02 | 18.50 | 21.13 |
| TEM6A0C36H31SC | 51.27 | 23.50 | 21.13 |
| TEM6A0C42H41SC | 51.27 | 23.50 | 21.13 |
| TEM6A0C48H41SC | 57.40 | 23.50 | 21.13 |
| TEM6B0C60H51SA | 57.40 | 23.50 | 21.13 |



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