

5100 Series Horizontal or Vertical Mounted Fan Forced Unit Heater

Standard Taskmaster Models & Series Notes

| MFG CATALOG NUMBER | MFG MODEL NUMBER | KW | BTUs / H | VOLTS | PH | AMPS | CONTROL VOLTAGE | TEMP RISE | AIR THROW | CFM | RECOMMENDED MOUNTING HT. | | WT. (LBS) |
|--------------------|------------------|-----------|---------------|---------|-----|---------------|-----------------|-----------|-----------|-----------|--------------------------|----------|-----------|
| | | | | | | | | | | | Horizontal | Vertical | |
| 06450802 | F1F5103N | 3.3 | 11.2 | 208 | 1 | 15.9 / 9.17 | 208 | 26°F | 12' | 400 | 9' | 9' | 25 |
| 06451002 | HF1B5103N | 3.3/2.5 | 11.2 / 8.5 | 240/208 | 1 | 13.7 / 11.9 | 240 / 208 | | | | | | |
| 06456802 | F2F5103N | 3.3 | 11.2 | 208 | 1/3 | 15.9 / 9.17 | 208 | | | | | | |
| 06457002 | HF2B5103N | 3.3/2.5 | 11.2 / 8.5 | 240/208 | 1/3 | 13.7 / 11.9 | 240 / 208 | | | | | | |
| 06457202 | G1G5103N | 3.3 | 11.2 | 277 | 1 | 11.9 | 277 | | | | | | |
| 06451202 | P3P5103CA1N | | | 480 | 3 | 4.0 | 24 | | | | | | |
| 06455402 | F1F5105N | 5.0 | 17.1 | 208 | 1 | 24.1 | 208 | | | | | | |
| 06455602 | HF1B5105N | 5.0/3.7 | 17.1 / 12.8 | 240/208 | 1 | 20.9 / 18.1 | 240 / 208 | | | | | | |
| 06451402 | F2F5105N | 5.0 | 17.1 | 208 | 1/3 | 24.1 | 208 | | | | | | |
| 06451602 | HF2B5105N | 5.0 | 17.1 | 240 | 1/3 | 20.8 / 18.1 | 240 | | | | | | |
| 06458402 | G1G5105N | 5.0 | 17.1 | 277 | 1 | 18.1 | 277 | | | | | | |
| 06451802 | P3P5105CA1N | 5.0 | 17.1 | 480 | 3 | 6.1 | 24 | | | | | | |
| 06452002 | F2F5107CA1L | 7.5 | 25.6 | 208 | 1/3 | 36.1 / 20.8 | 24 | 34°F | 22' | 700 | 10' | 12' | 54 |
| 06452202 | HF2B5107CA1L | 7.5 | 25.6 | 240 | 1/3 | 27.1 / 31.3 | | | | | | | |
| 06459202 | G1G5107CA1L | 7.5 | 25.6 | 277 | 1 | 27.1 | | | | | | | |
| 06452402 | P3P5107CA1N | 7.5 | 25.6 | 480 | 3 | 9.1 | | | | | | | |
| 06452602 | F2F5110CA1L | 9.9 | 33.8 | 208 | 1/3 | 47.8 / 27.4 | | | | | | | |
| 06452802 | HF2B5110CA1L | 10.0 | 34.1 | 240 | 1/3 | 41.2 / 24.0 | | | | | | | |
| 06456402 | G1G5110CA1N | 10.0 | 34.1 | 277 | 1 | 36.1 | | 45°F | 22' | 700 | 10' | 14' | 55 |
| 06453002 | P3P5110CA1N | 10.0 | 34.1 | 480 | 3 | 12.1 | | | | | | | |
| 06453202 | F3F5115CA1L | 15.0 | 51.2 | 208 | 3 | 41.7 | | | | | | | |
| 06453402 | HF3B5115CA1L | 15.0/11.2 | 51.2 / 38.4 | 240/208 | 3 | 36.1 / 31.3 | | | | | | | |
| 06453602 | P3P5115CA1N | 15.0 | 51.2 | 480 | 3 | 18.1 | | | | | | | |
| 06453802 | HF3B5120CA1L | 19.7/14.8 | 67.2 / 50.5 | 240/208 | 3 | 47.8 / 41.1 | | | | | | | |
| 06454002 | P3P5120CA1N | 20.0 | 68.3 | 480 | 3 | 24.1 | | 40/44°F | 45' | 2000/1800 | 12' | 22' | 120 |
| 06458802 | F3F5125CA1L | 25.0 | 85.3 | 208 | 3 | 69.5 | | | | | | | |
| 06459402 | HF3B5125CA1L | 25.0/18.7 | 85.3 / 64.0 | 240/208 | 3 | 60.2 / 52.1 | | | | | | | |
| 06459802 | P3P5125CA1N | 25.0 | 85.3 | 480 | 3 | 30.1 | | | | | | | |
| 06454202 | F3F5130CA1L | 30.0 | 102.4 | 208 | 3 | 83.4 | | | | | | | |
| 06454402 | HF3B5130CA1L | 30.0/22.5 | 102.4 / 76.8 | 240/208 | 3 | 72.3 / 62.5 | | | | | | | |
| 06454602 | P3P5130CA1N | 30.0 | 102.4 | 480 | 3 | 36.2 | | 47/53°F | 40' | 2000/1800 | 12' | 20' | 120 |
| 06440402 | F3F5140CA1L | 40.0 | 136.5 | 208 | 3 | 111.2 | | | | | | | |
| 06440602 | HF3B5140CA1L | 40.0/30.0 | 136.5 / 102.4 | 240/208 | 3 | 96.4 / 83.4 | | | | | | | |
| 06440802 | P3P5140CA1N | 39.0 | 133.1 | 480 | 3 | 47.0 | | | | | | | |
| 06454802 | F3F5150CA1L | 49.6 | 169.3 | 208 | 3 | 139.0 | | | | | | | |
| 06455002 | HF3B5150CA1L | 50.0/37.5 | 170.6 / 128.0 | 240/208 | 3 | 120.5 / 104.3 | | | | | | | |
| 06455202 | P3P5150CA1N | 50.0 | 170.6 | 480 | 3 | 60.3 | 51/56°F | 50' | 3100/2800 | 15' | 22' | 120 | |

International Models

| MFG CATALOG NUMBER | MFG MODEL NUMBER | KW | BTUs / H | VOLTS | PH | AMPS | CONTROL VOLTAGE | TEMP RISE | AIR THROW | CFM | RECOMMENDED MOUNTING HT. | | WT. (LBS) | | | | | |
|--------------------|------------------|------|----------|-------|-------|-------|-----------------|-----------|-----------|-----|--------------------------|----------|-----------|----|----|-----|-----|----|
| | | | | | | | | | | | Horizontal | Vertical | | | | | | |
| 07153002 | Q3H5103CA1 | 3.3 | 11263 | 380 | 3 | 5.02 | 24 | 26 | 12' | 400 | 9' | 9' | 25 | | | | | |
| 07249202 | R3H5103CA1 | | | 415 | | 4.6 | | | | | | | | | | | | |
| 07249302 | Q3H5105CA1 | | | 380 | | 7.6 | | | | | | | | | | | | |
| 04249402 | R3H5105CA1 | 5.0 | 17065 | 415 | | 6.96 | | 40 | 700 | 22' | 1100 | 10' | 12' | 54 | | | | |
| 07171302 | Q3H5107CA1 | 7.5 | 25600 | 380 | | 11.4 | | 34 | | | | | | | | | | |
| 07249502 | R3H5107CA1 | 415 | 10.5 | | | | | | | | | | | | | | | |
| 06865702 | Q3H5110CA1 | 10.0 | 34130 | 380 | | 15.2 | | 45 | | | | | | | 45 | 10' | 14' | 55 |
| 07249602 | R3H5110CA1 | | | 415 | | 13.9 | | | | | | | | | | | | |
| 07249702 | Q3H5115CA1 | | | 380 | | 22.8 | | | | | | | | | | | | |
| 07249802 | R3H5115CA1 | 15.0 | 51195 | 415 | | 20.9 | | 43 | 1100 | 32' | 1100 | 11' | 20' | 64 | | | | |
| 07041702 | Q3H5120CA1 | 20.0 | 68260 | 380 | 30.4 | 57 | | | | | | | | | | | | |
| 07249902 | R3H5120CA1 | | | 415 | 27.85 | | | | | | | | | | | | | |
| 07191902 | Q3H5125CA1 | | | 380 | 38.0 | | | | | | | | | | | | | |
| 07106102 | R3H5125CA1 | 25.0 | 85325 | 415 | 34.8 | 40/44 | 45' | 2000/1800 | 12' | 22' | 120 | | | | | | | |
| 07250002 | Q3H5130CA1 | | | 380 | 45.6 | | | | | | | | | | | | | |
| 07106202 | R3H5130CA1 | | | 415 | 41.8 | | | | | | | | | | | | | |
| 07250102 | Q3H5140CA1 | 40.0 | 136520 | 380 | 60.85 | 40/45 | 55' | 3100/2800 | 15' | 24' | | | | | | | | |
| 07098302 | R3H5140CA1 | | | 415 | 55.7 | | | | | | | | | | | | | |

• For 24V control add "CA1" suffix. • For 120V control add "CA2" suffix. • For other voltages consult factory.

NOTES:

- 25-50KW models are wired for single or two stage heating and have two speed motors.
- Air delivery and motor data on dual voltage units reflect higher voltage.
- 600 Volt models available in 5 KW through 30 KW. Contact factory for delivery.
- Supply wire on 40 and 50 KW models should have rated insulation of 75°C minimum.
- Use T5122 for two stage control.
- Use TW123 for two stage control.
- Use TFS5102 for two stage control.
- Wall thermostat must be used when built-in stratification thermostat is required.

5100 Series Horizontal or Vertical Mounted Fan Forced Unit Heater

Recommended Control Options, Control Accessory Options, & Control Accessories

| MFG MODEL NUMBER | DISCONNECT SWITCH | | THERMOSTAT | | SUMMER FAN SWITCH | | THERMOSTAT & SUMMER FAN SWITCH WALL MOUNTED | STRATIFICATION THERMOSTAT | |
|------------------|-------------------|----------|------------|--------------|-------------------|--------------|---|---------------------------|--------------|
| | 1 Ø | 3 Ø | IN-BUILT | WALL MOUNTED | IN-BUILT | WALL MOUNTED | | IN-BUILT | WALL MOUNTED |
| F1F5103N | DCS 202 | NA | T5100 | ET5SS | FS5101 | FSW5111 | NA | TC5103 | TC1602 |
| HF1B5103N | | | | | | | | | |
| F2F5103N | NA | DCS 403 | T5102 | TW 1512 | FS5101 | FSW5111 | NA | TC5103 | TC1602 |
| HF2B5103N | DCS 202 | NA | T5100 | ET 5SS | | | | | |
| | NA | DCS 403 | T5102 | TW 1512 | FS5102 | FSW5112 | TFS5101 | TC5102 | NA |
| G1G5103N | DCS 202 | NA | T5100 | ET5SS | | | | | |
| P3P5103CA1N | NA | DCS 403 | | T5100 | RK120EAA | FS5101 | FSW5111 | NA | TC5103 |
| F1F5105N | DCS 403 | NA | T5102 | | S2025 | | | | |
| HF1B5105N | | | | DCS 403 | NA | T5100 | ET5SS | | |
| F2F5105N | NA | DCS 403 | T5102 | TW 1512 | FS5101 | FSW5111 | NA | TC5103 | TC1602 |
| HF2B5105N | DCS 403 | NA | T5100 | ET5SS | | | | | |
| | NA | DCS 403 | T5102 | TW 1512 | FS5102 | FSW5112 | TFS5101 | TC5102 | NA |
| G1G5105N | DCS 403 | NA | T5100 | S2025 | | | | | |
| P3P5105CA1N | NA | DCS 403 | | T5100 | RK120EAA | FS5101 | FSW5111 | TFS5101 | TC5103 |
| F2F5107CA1L | DCS 403 | NA | T5100 | | | | | | |
| HF2B5107CA1L | DCS 403 | NA | | T5100 | RK120EAA | FS5101 | FSW5111 | TFS5101 | TC5103 |
| | NA | DCS 403 | T5100 | | | | | | |
| G1G5107CA1L | DCS 403 | NA | | T5100 | RK120EAA | FS5102 | FSW5112 | TFS5101 | TC5102 |
| P3P5107CA1L | NA | DCS 403 | T5100 | | | | | | |
| F2F5110CA1L | DCS 603 | NA | | T5100 | RK120EAA | FS5101 | FSW5111 | TFS5101 | TC5103 |
| HF2B5110CA1L | DCS 603 | NA | T5100 | | | | | | |
| | NA | DCS 403 | | T5100 | RK120EAA | FS5101 | FSW5111 | TFS5101 | TC5103 |
| G1G5110CA1N | DCS 603 | NA | T5100 | | | | | | |
| P3P5110CA1N | NA | DCS 403 | | T5100 | RK120EAA | FS5101 | FSW5111 | TFS5101 | TC5103 |
| F3F5115CA1L | DCS 603 | DCS 603 | T5100 | | | | | | |
| HF3B5115CA1L | DCS 603 | DCS 603 | | T5100 | RK120EAA | FS5101 | FSW5111 | TFS5101 | TC5103 |
| P3P5115CA1L | DCS 603 | DCS 603 | T5100 | | | | | | |
| HF3B5120CA1L | DCS 603 | DCS 603 | | T5100 | RK120EAA | FS5101 | FSW5111 | TFS5101 | TC5103 |
| P3P5120CA1N | DCS 403 | DCS 403 | T5100 | | | | | | |
| F3F5125CA1L | DCS 1003 | DCS 403 | | T5100 | RK120EAA | FS5101 | FSW5111 | TFS5101 | TC5103 |
| HF3B5125CA1L | DCS 403 | DCS 603 | T5100 | | | | | | |
| P3P5125CA1N | NA | DCS 603 | | T5100 | RK120EAA | FS5101 | FSW5111 | TFS5101 | TC5103 |
| F3F5130CA1L | DCS 1003 | DCS 603 | T5100 | | | | | | |
| HF3B5130CA1L | DCS 1003 | DCS 603 | | T5100 | RK120EAA | FS5101 | FSW5111 | TFS5101 | TC5103 |
| P3P5130CA1N | DCS 603 | DCS 603 | T5100 | | | | | | |
| F3F5140CA1L | NA | DCS 603 | | T5100 | RK120EAA | FS5101 | FSW5111 | TFS5101 | TC5103 |
| HF3B5140CA1L | NA | DCS 603 | T5100 | | | | | | |
| P3P5140CA1N | DCS 603 | DCS 603 | | T5100 | RK120EAA | FS5101 | FSW5111 | TFS5101 | TC5103 |
| F3F5150CA1L | NA | DCS 1003 | T5100 | | | | | | |
| HF3B5150CA1L | DCS 1003 | DCS 1003 | | T5100 | RK120EAA | FS5101 | FSW5111 | TFS5101 | TC5103 |
| P3P5150CA1N | DCS 1003 | DCS 1003 | T5100 | | | | | | |

| CONTROL ACCESSORY OPTIONS - FIELD INSTALLED IN HEATER | | |
|---|------------------|---|
| MFG CATALOG NUMBER | MFG MODEL NUMBER | DESCRIPTION |
| POWER DISCONNECT SWITCH* | | |
| 07171502 | DCS202 / 5100 | 20 AMP; 0-16 Amps |
| 07171602 | DCS403 / 5100 | 40 AMP; 16.1-32 Amps |
| 07171702 | DCS603 / 5100 | 60 AMP; 32.1-48 Amps |
| 07171802 | DCS1003 / 5100 | 100 AMP; 48.1-80 Amps |
| *Disconnect must be rated at 80% of total amload. | | |
| LINE VOLTAGE THERMOSTAT | | |
| 06927702 | T5100 | SPST; LINE DUTY 25 AMP, 120-277V, (40-100 °F) |
| 06927802 | T5102 | DPST; LINE DUTY 25 AMP 120-277V 25 AMP, 120-277V, (60-120 °F) |
| LOW VOLTAGE THERMOSTAT (ALL CA1 MODELS) (45 - 90 °F) | | |
| 06927702 | T5100 | SPST; LOW VOLT/PILOT DUTY; 125VA; (3.3-20 KW UNITS) |
| 06927902 | T5122 | 2-STAGE; LOW VOLT; 125VA; (25-50 KW UNITS) |
| STRATIFICATION THERMOSTAT | | |
| 06928002 | TC5102 | SPST; LOW VOLT/PILOT DUTY (W/RELAY) ; 70-130° |
| 06928102 | TC5103 | SPST; LINE DUTY; AMP 120-240V; 70-130° |
| SUMMER FAN SWITCH | | |
| 06928202 | FS5101 | SPST; LINE VOLT ;120-277V |
| 06928302 | FS5102 | SPST; LINE VOLT ; 480-600V |

| CONTROL ACCESSORIES - REMOTE WALL MOUNTED | | |
|--|------------------|--------------------------------------|
| MFG CATALOG NUMBER | MFG MODEL NUMBER | DESCRIPTION |
| LINE VOLTAGE THERMOSTAT | | |
| 05029102 | S2025H10AA** | SP; 25 Amp; 120-277V; 50-90°F |
| 05387802 | ET5SS** | SP; 22 Amp; 120-277V; 50-90°F |
| 06910902 | TW1512* | DPST; 25 AMP; 120-277V; 50-90°F |
| LOW VOLTAGE THERMOSTAT (ALL CA1 MODELS) | | |
| 02600002 | RK120EAA | 24VAC or MV; 50°-90°F |
| 06911102 | TW123 | 2-STAGE; (25 - 50 KW UNITS); 40-90°F |
| STRATIFICATION THERMOSTAT | | |
| 06911002 | TC1602 | SPST; LINE VOLT; 120-277V; 70-140° |
| SUMMER FAN SWITCH | | |
| 06926202 | FSW5111 | SPST; LINE VOLT; 120-277V |
| 06926302 | FSW5112 | SPST; LOW VOLT; (W/RELAY) |
| LOW VOLTAGE THERMOSTAT & SUMMER FAN SWITCH(W/RELAY) (CA1 MODELS) | | |
| 06926402 | TFS5101 | SPST; LOW VOLT; 50-90° |
| 06926502 | TFS5102 | 2-STAGE; LOW VOLT; 50-90° |

**Any SPST thermostat of sufficient amperage may be substituted.
 *Use DPST double line break thermostat for 3-phase line voltage control in non "C" models.