How to order: Heater Code with color code + Options (example 902U00750BW-T3)



**Average Watt Density Models 275 W/ft. (900 W/m)**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Length  In. (mm) | Watts | Heater Code | | | | | | | | | Dual Voltage Heater Code | | | |
|  | 120V | Amps |  | 208V | Amps |  | 277V | Amps | Watts at 240/208V |  | 240/208V | Amps |
| 22.75  (577) | 300 |  | HX-903U00300B‡ | 2.5 |  | HX-903U00300C‡ | 1.4 |  | — | 1.1 | 300/225 |  | HX-903U00300V‡ | 1.3/1.1 |
| 27.75  (702) | 500 |  | HX-903U00500B‡ | 4.2 |  | HX-903U00500C‡ | 2.4 |  | HX-903U00500N‡ | 1.8 | 500/375 |  | HX-903U00500V‡ | 2.1/1.8 |
| 37.75  (956) | 750 |  | HX-903U00750B‡ | 6.3 |  | HX-903U00750C‡ | 3.6 |  | HX-903U00750N‡ | 2.7 | 750/563 |  | HX-903U00750V‡ | 3.1/2.7 |
| 48  (1217) | 1000 |  | HX-903U01000B‡ | 8.3 |  | HX-903U01000C‡ | 4.8 |  | HX-903U01000N‡ | 3.6 | 1000/750 |  | HX-903U01000V‡ | 4.2/3.6 |
| 60  (1524) | 1250 |  | HX-903U01250B‡ | 10.4 |  | HX-903U01250C‡ | 6.0 |  | HX-903U01250N‡ | 4.5 | 1250/938 |  | HX-903U01250V‡ | 5.2/4.5 |
| 72  (1829) | 1500 |  | HX-903U01500B‡ | 12.5 |  | HX-903U01500C‡ | 7.2 |  | HX-903U01500N‡ | 5.4 | 1500/1125 |  | HX-903U01500V‡ | 6.3/5.4 |
| 75.5  (1916) | 1750 |  | — | — |  | HX-903U01750C‡ | 8.4 |  | HX-903U01750N‡ | 6.3 | 1750/1313 |  | HX-903U01750V‡ | 7.3/6.3 |
| 96  (2439) | 2000 |  | — | — |  | HX-903U02000C‡ | 9.6 |  | HX-903U02000N‡ | 7.2 | 2000/1500 |  | HX-903U02000V‡ | 8.3/7.2 |
| 93  (2362) | \*2250 |  | — | — |  | HX-903U02250C‡ | 10.8 |  | HX-903U02250N‡ | 8.1 | \*2250/1688 |  | HX-903U02250V‡ | 9.4/8.1 |
| 102.25  (2596) | \*2500 |  | — | — |  | HX-903U02500C‡ | 12.0 |  | HX-903U02500N‡ | 9.0 | \*2500/1875 |  | HX-903U02500V‡ | 10.4/9.0 |

All models listed are single-phase. Other single-phase voltages available. Consult factory.

\* These items must be ordered in pairs to reduce shipping damage.

**¶ Standard colors - Add W for white finish or A for almond finish to the end of catalog number.**

**Factory Built-in Options**

|  |  |  |
| --- | --- | --- |
| Code | Description |  |
| D3 | Disconnect Switch, 277V, Double-pole, 20 Amp |  |
| M1 | High Altitude Automatic Cutout for 3,000 to 8,200 |  |
| R1 | Relay 24V without Transformer 240V, 22 Amp; 277V, 19 Amp (1) |  |
| R2 | Relay 24V with Transformer, 240V, 22 Amp; 277V, 19 Amp (1) |  |
| R7 | Triac Proportional Relay, 277V Max, 2500 W Max (1) |  |
| T1 | Thermostat, Tamper-proof, Single-pole, 277V, 25 Amp |  |
| T2 | Thermostat, Tamperproof, Double-pole, 277V, 25 Amp with off position |  |
| T5 | Thermostat, Adjustable, Single-pole, 277V, 25 Amp |  |
| T6 | Thermostat, Adjustable, Double-pole, 277V, 25 Amp with off position |  |

(1) Option not available when Option D3 disconnect switch is selected.

**Field-Installed Options**

**(shipped loose for field Installation into heater)**

|  |  |  |
| --- | --- | --- |
| Catalog  Number | Description |  |
| 903-243496‡ | Baseboard Section 6 in. (152mm) – 240V Splitter Box to permanently connect an air conditioner (20A switch, double-pole, double-throw) |  |
| 903-243497‡ | Baseboard Section 6 in. (152mm) – 240V Splitter Box toward a surface mount, 6-20R Receptacle |  |
| 903-243498‡ | Baseboard Section 6 in. (152mm) – Surface mounted duplex 5-15R receptacle, 120V, 15A |  |
| 903-243499‡ | Baseboard Section 6 in. (152mm) – Surface mounted duplex 5-15R receptacle, 120V, 15A (20A switch, double-pole, double-throw) |  |
| 903-243500‡ | Baseboard Section 6 in. (152mm) for the installation of a 24V relay (relay not included) |  |
| 903-243501 | Electronic relay kit, single-pole, coil 24V, with transformer, 15A, 277 max |  |
| 903-243502 | Electronic relay kit, single-pole, coil 24V, without transformer, 15A, 277 max |  |
| 903-243503 | Relay kit 24V with transformer, 120V, 25 Amp (2-wire only) |  |
| 903-243504 | Relay kit 24V with transformer, 208V, 22 Amp |  |
| 903-243505 | Relay kit 24V with transformer, 240V, 22 Amp |  |
| 903-243506 | Relay kit 24V with transformer, 277V, 19 Amp |  |
| 903-243507 | Relay kit 24V without transformer, 120V 240V, 22 Amp (2-wire only) 277V, 19 Amp |  |
| 903-243509‡ | Thermostat kit, adjustable, double-pole, 277V, 25 Amp with off position |  |
| 903-243510‡ | Thermostat kit, adjustable, single-pole, 277V, 25 Amp |  |
| 903-243511‡ | Thermostat kit, tamperproof, double-pole, 277V, 25 Amp with off position |  |
| 903-243512‡ | Thermostat kit, tamperproof, single-pole, 277V, 25 Amp |  |
| 903243513‡ | Touch up brush paint (1/2 oz) |  |
| 903-243514‡ | Touch up spray paint (6 oz) |  |
| 903-243515‡ | Universal Corners (inside and outside) |  |

‡**Standard colors - Add W for white finish or A for almond finish to the end of part number.**



Architect’s and Engineer’s Specifications

**Enclosure** – Shall be fabricated of 20-gauge steel body with 20-gauge front panel and welded junction box, with a built-in wireway with factory installed wiring. Removal of the front panel will provide unobstructed access to the element area and terminal boxes.

**Heating Elements** – Constructed of nickel chromium heating element wire, embedded in magnesium oxide, and enclosed in a stainless steel sheath for maximum strength and corrosion resistance. Aluminum fins shall be pressure bonded to the sheath. The elements shall be center anchored and float freely on each end in high temperature nylon bushings.

**Overtemperature Protection** – An automatic reset thermal overheat protector shall run the length of the heater turning the unit off in the event an overheating situation should occur. The protector shall automatically reset after the unit has cooled down.

**Heating Lengths and Voltages** – Heater lengths, voltages, and wattage capacities shall be as indicated on the plans.

**Finish** – All heaters and trim accessories shall have either a white or almond epoxy/polyester powder paint finish. The finish will accept any interior paint. Optional colors available.

**Heaters** may be mounted flush on any floor surface.

**Mounting –** two rows of oblong mounting holes with center mark for ease of installation.

**Low Voltage Relays** with or without transformers are available built-in or supplied separately as kits.

**Optional Adjustable Thermostat** shall be built into the system. Tamperproof built-in thermostat is also available.

**Accessories** include inside corners, outside corners, splice plates and blank sections.

**Average Watt Density** shall be 275 W/ft (900 W/m) maximum.