BCI Model: 906U (Flat Top)



How to order: Model + Heater Code with color code + Options (example 906U01000BW-2632-T5)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Length  In.  (mm) | Density | | Watts | Heater Code | | | | | | | | | Watts at 240/208V | Heater Code | | |
| W/Ft | W/m |  | 120V | Amps |  | 208V | Amps |  | 277V | Amps |  | 240/208V | Amps |
| 29  (738) | 100 | 330 | 200 |  | 00200B‡-738 | 1.7 |  | 00200C‡-738 | 1.0 |  | ― | — | 200/150 |  | 00200V‡-738 | 0.8/0.7 |
| 150 | 490 | 300 |  | 00300B‡-738 | 2.5 |  | 00300C‡-738 | 1.4 |  | 00300N‡-738 | 1.1 | 300/225 |  | 00300V‡-738 | 1.3/1.1 |
| 200 | 650 | 400 |  | 00400B‡-738 | 3.3 |  | 00400C‡-738 | 1.9 |  | 00400N‡-738 | 1.4 | 400/300 |  | 00400V‡-738 | 1.7/1.4 |
| 275 | 900 | 500 |  | 00500B‡ | 4.2 |  | 00500C‡ | 2.4 |  | 00500N‡ | 1.8 | 500/375 |  | 00500V‡ | 2.1/1.8 |
| 39  (992) | 100 | 330 | 300 |  | 00300B‡-992 | 2.5 |  | 00300C‡-992 | 1.4 |  | 00300N‡-992 | 1.1 | 300/225 |  | 00300V‡-992 | 1.3/1.1 |
| 150 | 490 | 450 |  | 00450B‡-992 | 3.8 |  | 00450C‡-992 | 2.2 |  | 00450N‡-992 | 1.6 | 450/338 |  | 00450V‡-992 | 1.9/1.6 |
| 200 | 650 | 600 |  | 00600B‡-992 | 5.0 |  | 00600C‡-992 | 2.9 |  | 00600N‡-992 | 2.2 | 600/450 |  | 00600V‡-992 | 2.5/2.2 |
| 275 | 900 | 750 |  | 00750B‡ | 6.3 |  | 00750C‡ | 3.6 |  | 00750N‡ | 2.7 | 750/563 |  | 00750V‡ | 3.1/2.7 |
| 49.3  (1253) | 100 | 330 | 400 |  | 00400B‡-1253 | 3.3 |  | 00400C‡-1253 | 1.9 |  | 00400N‡-1253 | 1.4 | 400/300 |  | 00400V‡-1253 | 1.7/1.4 |
| 150 | 490 | 600 |  | 00600B‡-1253 | 5.0 |  | 00600C‡-1253 | 2.9 |  | 00600N‡-1253 | 2.2 | 600/450 |  | 00600V‡-1253 | 2.5/2.2 |
| 200 | 650 | 800 |  | 00800B‡-1253 | 6.7 |  | 00800C‡-1253 | 3.8 |  | 00800N‡-1253 | 2.9 | 800/600 |  | 00800V‡-1253 | 3.3/2.9 |
| 275 | 900 | 1000 |  | 01000B‡ | 8.3 |  | 01000C‡ | 4.8 |  | 01000N‡ | 3.6 | 1000/750 |  | 01000V‡ | 4.2/3.6 |
| 58.8  (1494) | 100 | 330 | 500 |  | 00500B‡-1494 | 4.2 |  | 00500C‡-1494 | 2.4 |  | 00500N‡-1494 | 1.8 | 500/375 |  | 00500V‡-1494 | 2.1/1.8 |
| 150 | 490 | 750 |  | 00750B‡-1494 | 6.3 |  | 00750C‡-1494 | 3.6 |  | 00750N‡-1494 | 2.7 | 750/563 |  | 00750V‡-1494 | 3.1/2.7 |
| 200 | 650 | 1000 |  | 01000B‡-1494 | 8.3 |  | 01000C‡-1494 | 4.8 |  | 01000N‡-1494 | 3.6 | 1000/750 |  | 01000V‡-1494 | 4.2/3.6 |
| 275 | 900 | 1250 |  | 01250B‡ | 10.4 |  | 01250C‡ | 6.0 |  | 01250N‡ | 4.5 | 1250/938 |  | 01250V‡ | 5.2/4.5 |
| 67.5  (1715) | 100 | 330 | 600 |  | 00600B‡-1715 | 5.0 |  | 00600C‡-1715 | 2.9 |  | 00600N‡-1715 | 2.2 | 600/450 |  | 00600V‡-1715 | 2.5/2.2 |
| 150 | 490 | 900 |  | 00900B‡-1715 | 7.5 |  | 00900C‡-1715 | 4.3 |  | 00900N‡-1715 | 3.2 | 900/675 |  | 00900V‡-1715 | 3.8/3.2 |
| 200 | 650 | 1250 |  | 01250B‡-1715 | 10.0 |  | 01250C‡-1715 | 5.8 |  | 01250N‡-1715 | 4.3 | 1250/938 |  | 01250V‡-1715 | 5.0/4.3 |
| 275 | 900 | 1500 |  | 01500B‡ | 12.5 |  | 01500C‡ | 7.2 |  | 015000N‡ | 5.4 | 1500/1125 |  | 01500V‡ | 6.3/5.4 |
| 76.9  (1952) | 100 | 330 | 700 |  | 00700B‡-1952 | 5.8 |  | 00700C‡-1952 | 3.4 |  | 00700N‡-1952 | 2.5 | 700/525 |  | 00700V‡-1952 | 2.9/2.5 |
| 150 | 490 | 1050 |  | 01050B‡-1952 | 8.8 |  | 01050C‡-1952 | 5.0 |  | 01050N‡-1952 | 3.8 | 1050/788 |  | 01050V‡-1952 | 4.3/3.8 |
| 200 | 650 | 1400 |  | 01400B‡-1952 | 11.7 |  | 01400C‡-1952 | 6.7 |  | 01400N‡-1952 | 5.1 | 1400/1050 |  | 01400V‡-1952 | 5.8/5.0 |
| 275 | 900 | 1750 |  | ― | — |  | 01750C‡ | 8.4 |  | 017500N‡ | 6.3 | 1750/1313 |  | 01750V‡ | 7.3/6.3 |
| 85.6  (2175) | 100 | 330 | 800 |  | 00800B‡-2175 | 6.7 |  | 00800C‡-2175 | 3.8 |  | 00800N‡-2175 | 2.9 | 800/600 |  | 00800V‡-2175 | 3.3/2.9 |
| 150 | 490 | 1200 |  | 01200B‡-2175 | 10.0 |  | 01200C‡-2175 | 5.8 |  | 01200N‡-2175 | 4.3 | 1200/900 |  | 01200V‡-2175 | 5.0/4.3 |
| 200 | 650 | 1600 |  | ― | — |  | 01600C‡-2175 | 7.7 |  | 01600N‡-2175 | 5.8 | 1600/1200 |  | 01600V‡-2175 | 6.7/5.8 |
| 275 | 900 | 2000 |  | ― | — |  | 02000C‡ | 9.6 |  | 020000N‡ | 7.2 | 2000/1500 |  | 02000V‡ | 8.3/7.2 |
| 94.5  (2400) | 100 | 330 | 900 |  | 00900B‡-2400 | 7.5 |  | 00900C‡-2400 | 4.3 |  | 00900N‡-2400 | 3.2 | 900/675 |  | 00900V‡-2400 | 3.8/3.2 |
| 150 | 490 | 1350 |  | ― | — |  | 01350C‡-2400 | 6.5 |  | 01350N‡-2400 | 4.9 | 1350/1013 |  | 01350V‡-2400 | 5.6/4.9 |
| 200 | 650 | 1800 |  | ― | — |  | 01800C‡-2400 | 8.7 |  | 01800N‡-2400 | 6.5 | 1800/1350 |  | 01800V‡-2400 | 7.5/6.5 |
| 275 | 900 | 2250 |  | ― | — |  | 02250C‡ | 10.8 |  | 022500N‡ | 8.1 | 2250/1688 |  | 02250V‡ | 9.4/8.1 |
| 103.6  (2632) | 100 | 330 | 1000 |  | 01000B‡-2632 | 8.3 |  | 01000C‡-2632 | 4.8 |  | 01000N‡-2632 | 3.6 | 1000/750 |  | 01000V‡-2632 | 4.2/3.6 |
| 150 | 490 | 1500 |  | ― | — |  | 01500C‡-2632 | 7.2 |  | 01500N‡-2632 | 5.4 | 1500/1125 |  | 01500V‡-2632 | 6.3/5.4 |
| 200 | 650 | 2000 |  | ― | — |  | 02000C‡-2632 | 9.6 |  | 02000N‡-2632 | 7.2 | 2000/1500 |  | 02000V‡-2632 | 8.3/7.2 |
| 200 | 650 | 2250 |  | ― | — |  | 02250C‡-2632 | 10.8 |  | 02250N‡-2632 | 8.1 | 2250/1688 |  | 02250V‡-2632 | 9.4/8.1 |
| 275 | 900 | 2500 |  | ― | — |  | 02500C‡ | 12.0 |  | 02500N‡ | 9.0 | 2500/1875 |  | 02500V‡ | 10.4/9.0 |

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

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

**Factory Built-in Options**

|  |  |  |
| --- | --- | --- |
| Code | Description |  |
| A | Bottom Air Inlet |  |
| D3 | Disconnect Switch, 277V, Double-pole, 20 Amp |  |
| L | Custom Length |  |
| M1 | High Altitude Automatic Cutout |  |
| R1 | 24V Relay, 240V, 22 Amp; 277V, 19 Amp |  |
| R2 | 24V Relay with Transformer, 240V, 22 Amp; 277V,  19 Amp |  |
| R6 | Pneumatic Relay, 480V, 25 Amp |  |
| R7 | 24V Proportional Relay |  |
| S | Smooth Finish on Heater Back |  |
| T1 | Tamperproof Thermostat, Single-pole, 277V, 25 Amp with off position |  |
| T2 | Tamperproof Thermostat, Double-pole, 277V, 25 Amp with off position |  |
| T5 | Adjustable Thermostat, Single-pole, 277V, 25 Amp with off position |  |
| T6 | Adjustable Thermostat, Double-pole, 277V, 25 Amp with off position |  |

**Field-Installed Options**

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

|  |  |  |
| --- | --- | --- |
| Catalog  Number | Description |  |
| 906-124585¶(1) | Inside Corner |  |
| 906-124586¶(1) | Outside Corner |  |
| 906-124587¶ | Round Pedestal Kit 3-5” High, Qty=2 |  |
| 906-169806¶ | Square Pedestal Kit, 2” High, Qty=2 |  |
| 906-124588¶(1) | Splice Plate 2” Long |  |
| 906-124589¶(1) | Finish Joint for Heater with Pedestal |  |
| 906-124590 | 24V Relay Kit, 240V, 22 Amp; 277V, 19 Amp |  |
| 906-124591 | 24V Relay Kit with Transformer, 120V, 22 Amp |  |
| 906-124592 | 24V Relay Kit with Transformer, 208V, 22 Amp |  |
| 906-124593 | 24V Relay Kit with Transformer, 240V, 22 Amp |  |
| 906-124594 | 24V Relay Kit with Transformer, 277V, 19 Amp |  |
| 906B-XXX¶(1) | Blank Section (specify length in inches-XXX) |  |
| 906-224751 | Tamperproof, Single-pole Thermostat; 277V, 25 Amp with off position |  |
| 906-224752 | Tamperproof, Double-pole Thermostat Kit; 277V, 25 Amp with off position |  |
| 906-224753 | Single-pole Thermostat Kit; 277V,  25 Amp with off position |  |
| 906-224754 | Double-pole Thermostat Kit; 277V,  25 Amp with off position |  |

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

Bottom View

Rear View

Side View



Architects and Engineers Specification

**Heating Elements** – Stainless steel elements with aluminum fins float on high temperature nylon bushings for quiet operation.

**Housing** – Cabinet is constructed of 18-gauge steel with a 14-gauge aluminum front cover. The unit has a polyester powder paint finish in white or almond. End caps are provided on all units.

**Inlet/Outlet Grilles** – The fresh air inlet grille is located on the front of the unit. The outlet grille has openings less than 0.25 inches to discourage tampering with the heating element (pencil-proof).

**Built-in Controls** – Linear limit, automatic reset thermal cutout.

**Electrical Connection** – Each baseboard heater has a junction box located on both ends and a built-in full length wireway.

**Installation Requirements** – Field or factory-installed low voltage relay and thermostat kits fit into the right-hand junction box only. Heaters 200 watt/ft or greater are not designed for residential use in the United States.