

TYPE JUW

WASHDOWN CORROSION RESISTANT UNIT HEATERS



JUW Series unit heater is designed for comfort heating or freeze protection in non-hazardous dusty/dirty environments including: waste water treatment plants, coal handling areas, food processing plants, foundries, steel mills, cement plants, car washes, swimming pool areas, canneries and dairies.

JUW Series washdown heater is a reliable, rugged, self-contained, U.L. and CSA listed, corrosion resistant unit heater. This unit offers both corrosion protection in harsh environments and the ability to be hosed down for cleaning. Users are therefore assured of an ideal heat source for freeze protection or comfort heat in non-hazardous, dirty and corrosive areas such as waste water treatment plants, ships, factories, and construction sites.

FEATURES

- All components are designed to be moisture and corrosion resistant.
- A sturdy type 304 stainless steel case surrounds industrial grade 316 stainless steel finned tubular elements.
- The motor is a totally enclosed, permanently lubricated, ball bearing type which is epoxy painted for moisture and corrosion resistance.
- The junction box which houses the built-in controls and element terminals is rated NEMA 4X.
- Dependable air flow comes from a spark resistant, epoxy coated aluminum fan.
- Power contactor, motor contactor, epoxy sealed automatic over-temperature cutout, internal thermostat (55°F - 105°F), pilot light to indicate when unit is in operation mode, and selector switch (heater on/off, fan only) are standard.
- Stainless steel universal type swivel mounting bracket supplied with heater.
- Fan delay standard on all models 5Kw or larger.

SELECTION CHART

| CATALOG NUMBER | KW | BTU | HEATER VOLTS | PHASE | AMPS | VOLTS | MOTOR PHASE | AMPS | TEMP RISE | CFM | WT (LBS) |
|----------------|------|---------|--------------|-------|------|-------|-------------|------|-----------|-------|----------|
| JUW20011TLS | 2 | 6,824 | 120 | 1 | 16.7 | 120 | 1 | 0.9 | 21 | 405 | 43 |
| JUW20081TLS | 2 | 6,824 | 208 | 1 | 9.6 | 208 | 1 | 0.5 | 21 | 405 | 43 |
| JUW20041TLS | 2 | 6,824 | 240 | 1 | 8.3 | 240 | 1 | 0.5 | 21 | 405 | 43 |
| JUW30011TLS | 3 | 10,236 | 120 | 1 | 25.0 | 120 | 1 | 0.9 | 22 | 405 | 43 |
| JUW30081TLS | 3 | 10,236 | 208 | 1 | 14.4 | 208 | 1 | 0.5 | 22 | 405 | 43 |
| JUW30041TLS | 3 | 10,236 | 240 | 1 | 12.5 | 240 | 1 | 0.5 | 22 | 405 | 43 |
| JUW30071TLS | 3 | 10,236 | 277 | 1 | 10.8 | 277 | 1 | 0.5 | 22 | 405 | 43 |
| JUW50081TLS | 5 | 17,060 | 208 | 1 | 24.0 | 208 | 1 | 0.5 | 37 | 405 | 48 |
| JUW50041TLS | 5 | 17,060 | 240 | 1 | 20.8 | 240 | 1 | 0.5 | 37 | 405 | 48 |
| JUW50071TLS | 5 | 17,060 | 277 | 1 | 18.1 | 277 | 1 | 0.5 | 37 | 405 | 48 |
| JUW500481TLS | 5 | 17,060 | 480 | 1 | 10.4 | 480 | 1 | 0.3 | 37 | 405 | 48 |
| JUW50083TLS | 5 | 17,060 | 208 | 3 | 13.9 | 208 | 1 | 0.5 | 37 | 405 | 48 |
| JUW50043TLS | 5 | 17,060 | 240 | 3 | 12.0 | 240 | 1 | 0.5 | 37 | 405 | 48 |
| JUW500483TLS | 5 | 17,060 | 480 | 3 | 6.0 | 480 | 1 | 0.3 | 37 | 405 | 48 |
| JUW50063TLS | 5 | 17,060 | 575 | 3 | 5.0 | 575* | 1 | 0.2 | 37 | 405 | 48 |
| JUW75081TLS | 7.5 | 25,590 | 208 | 1 | 36.1 | 208 | 1 | 0.5 | 46 | 485 | 48 |
| JUW75041TLS | 7.5 | 25,590 | 240 | 1 | 31.3 | 240 | 1 | 0.5 | 46 | 485 | 48 |
| JUW75071TLS | 7.5 | 25,590 | 277 | 1 | 27.1 | 277 | 1 | 0.5 | 46 | 485 | 48 |
| JUW750481TLS | 7.5 | 25,590 | 480 | 1 | 15.6 | 480 | 1 | 0.3 | 46 | 485 | 48 |
| JUW75083TLS | 7.5 | 25,590 | 208 | 3 | 20.8 | 208 | 1 | 0.5 | 46 | 485 | 48 |
| JUW75043TLS | 7.5 | 25,590 | 240 | 3 | 18.1 | 240 | 1 | 0.5 | 46 | 485 | 48 |
| JUW750483TLS | 7.5 | 25,590 | 480 | 3 | 9.0 | 480 | 1 | 0.3 | 46 | 485 | 48 |
| JUW75063TLS | 7.5 | 25,590 | 575 | 3 | 7.5 | 575* | 1 | 0.3 | 46 | 485 | 48 |
| JUW100041TLS | 10 | 34,120 | 240 | 1 | 41.7 | 240 | 1 | 0.5 | 43 | 700 | 58 |
| JUW100071TLS | 10 | 34,120 | 277 | 1 | 36.1 | 277 | 1 | 0.5 | 43 | 700 | 58 |
| JUW1000481TLS | 10 | 34,120 | 480 | 1 | 20.8 | 480 | 1 | 0.3 | 43 | 700 | 58 |
| JUW100083TLS | 10 | 34,120 | 208 | 3 | 27.8 | 208 | 1 | 0.5 | 43 | 700 | 58 |
| JUW100043TLS | 10 | 34,120 | 240 | 3 | 24.1 | 240 | 1 | 0.5 | 43 | 700 | 58 |
| JUW1000483TLS | 10 | 34,120 | 480 | 3 | 12.0 | 480 | 1 | 0.3 | 43 | 700 | 58 |
| JUW100063TLS | 10 | 34,120 | 575 | 3 | 10.1 | 575* | 1 | 0.3 | 43 | 700 | 58 |
| JUW125071TLS | 12.5 | 42,650 | 277 | 1 | 45.1 | 277 | 1 | 0.5 | 43 | 700 | 58 |
| JUW1250481TLS | 12.5 | 42,650 | 480 | 1 | 26.0 | 480 | 1 | 0.3 | 43 | 700 | 58 |
| JUW125083TLS | 12.5 | 42,650 | 208 | 3 | 34.7 | 208 | 1 | 0.5 | 43 | 700 | 58 |
| JUW125043TLS | 12.5 | 42,650 | 240 | 3 | 30.1 | 240 | 1 | 0.5 | 43 | 700 | 58 |
| JUW1250483TLS | 12.5 | 42,650 | 480 | 3 | 15.1 | 480 | 1 | 0.3 | 43 | 700 | 58 |
| JUW125063TLS | 12.5 | 42,650 | 575 | 3 | 12.6 | 575* | 1 | 0.3 | 43 | 700 | 58 |
| JUW1500481TLS | 15 | 51,180 | 480 | 1 | 31.3 | 480 | 1 | 0.3 | 60 | 750 | 58 |
| JUW150083TLS | 15 | 51,180 | 208 | 3 | 41.7 | 208 | 1 | 0.5 | 60 | 750 | 58 |
| JUW150043TLS | 15 | 51,180 | 240 | 3 | 36.1 | 240 | 1 | 0.5 | 60 | 750 | 58 |
| JUW1500483TLS | 15 | 51,180 | 480 | 3 | 18.1 | 480 | 1 | 0.3 | 60 | 750 | 58 |
| JUW150063TLS | 15 | 51,180 | 575 | 3 | 15.1 | 575* | 1 | 0.3 | 60 | 750 | 58 |
| JUW200041TLS | 19.5 | 66,534 | 240 | 1 | 47.0 | 240 | 1 | 0.5 | 45 | 1,330 | 58 |
| JUW2000481TLS | 20 | 68,240 | 480 | 1 | 41.7 | 480 | 1 | 0.3 | 45 | 1,330 | 58 |
| JUW2000483TLS | 20 | 68,240 | 480 | 3 | 24.1 | 480 | 1 | 0.3 | 45 | 1,330 | 58 |
| JUW200063TLS | 20 | 68,240 | 575 | 3 | 20.1 | 575* | 1 | 0.3 | 45 | 1,330 | 58 |
| JUW2500483TLS | 25 | 85,300 | 480 | 3 | 30.1 | 480 | 3 | 0.8 | 54 | 1,400 | 78 |
| JUW250063TLS | 25 | 85,300 | 575 | 3 | 25.1 | 575* | 3 | 0.8 | 54 | 1,400 | 78 |
| JUW3000483TLS | 30 | 102,360 | 480 | 3 | 36.1 | 480 | 3 | 0.8 | 64 | 1,400 | 78 |
| JUW300063TLS | 30 | 102,360 | 575 | 3 | 30.2 | 575* | 3 | 0.8 | 64 | 1,400 | 78 |
| JUW3500483TLS | 35 | 119,420 | 480 | 3 | 42.1 | 480 | 3 | 0.8 | 58 | 1,800 | 78 |
| JUW350063TLS | 35 | 119,420 | 575 | 3 | 35.2 | 575* | 3 | 0.8 | 58 | 1,800 | 78 |
| JUW3900483TLS | 39 | 133,068 | 480 | 3 | 47.0 | 480 | 3 | 0.8 | 67 | 1,800 | 78 |
| JUW390063TLS | 39 | 133,068 | 575 | 3 | 39.2 | 575* | 3 | 0.8 | 67 | 1,800 | 78 |

ACCESSORIES (Factory Installed Only)

- [Disconnect Switch](#) Rated 50 amps.
- [Secondary Manual Re-set Limit.](#)
- [Monel Elements.](#)

*Indicates availability of single point hookup at 575 volts



FILE #E21609