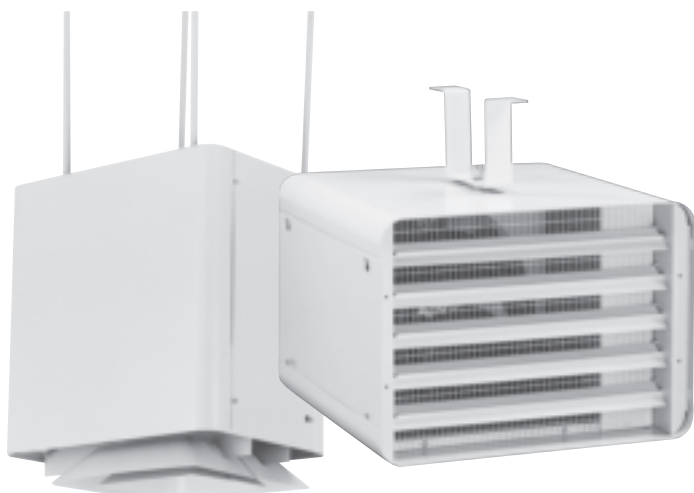


Unit Heater



Applications

- Garages
- Mechanical Rooms
- Stairwells
- Vestibules
- Warehouses
- Workshops

The UCI unit heater is designed for industrial and commercial applications.

- **Large Capacity:** Heavy-duty construction with ratings up to 60 KW at 2,000 CFM.
- **Control Options:** Wide range of factory built-in or field-installed control options to meet job specifications.
- **Single Point Electrical Hook-up:** Heater, fan motor and controls are all connected to the same branch circuit. Field connections and built-in controls are easily accessed in the side-mounted control compartment.
- **Discharge Direction:** The UCI heater may be mounted horizontally using one of two brackets (supplied) or vertically using four threaded rods (not included).

Standard Construction Features

Heating Elements – Industrial grade stainless steel tubular elements in 2-10 KW units and steel finned tubular elements in 15-60 KW units.

Housing – Cabinet is constructed of 18 and 20-gauge galvanized steel finished with durable almond polyester powder paint.

Outlet Grille – The outlet grille has individually adjustable louvers to direct airflow. A protective outlet mesh screen, provided on 2-30 KW heaters, allows for lower mounting heights.

Fan Motor – Totally enclosed, thermally protected motor with factory-lubricated ball bearings operates at 58 dBA (2-10 KW), 67 dBA (15-30 KW) or 77 dBA (40-60 KW). Blow-through design reduces motor operating temperature for longer life.

Built-in Controls – Include 240/208 volt control circuit (with transformer if necessary), automatic reset thermal cutout, fan override and factory-installed contactor. Power fusing is supplied for heaters over 48 amps.

Mounting Bracket – Wall and ceiling bracket provided with each unit under 40 KW for horizontal mounting. 40-60 KW heaters furnished with four corner support brackets for ceiling mounting.

Installation Requirements – For best performance, do not install unit heaters above recommended maximum mounting heights of 2-10 KW, 8-feet; 15-30 KW, 10-feet; 40-60 KW, 15-feet. All but 40-60 KW heaters can be installed at lower mounting heights. Minimum height for 40-60 KW heaters is 8-feet. Maximum ambient room temperature for proper operation is 85°F.

Unit Heater

Factory Built-in Options

| Code | Description |
|------|--|
| C | Three Pole Contactor |
| D1 | Disconnect Switch 40 Amp |
| D2 | Disconnect Switch 80 Amp |
| D5 | Disconnect Switch 100 Amp |
| G | Fusing |
| M | Manual Reset |
| R1 | 24V Relay |
| R2 | 24V Relay with Transformer (1) |
| T | Thermostat (2) |
| U | Fan "ON" Switch |
| V | 120V Control, fused secondary and grounded |

(1) Add option "R2" when a low voltage remote thermostat is required.

(2) Not available with heater part number 926U10000CA.

Field-Installed Options

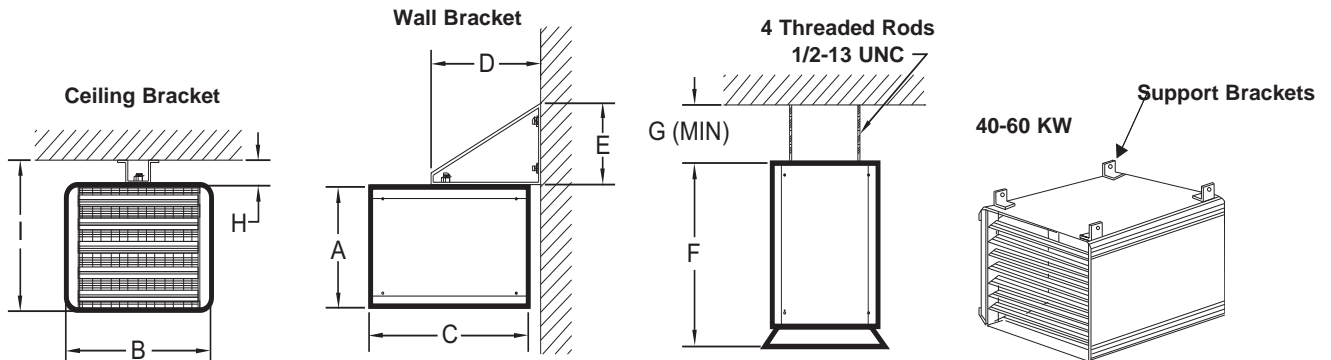
(shipped loose for field installation into heater)

| Catalog Number | Description |
|----------------|--------------------------------|
| 926-124513 | Diffuser cone (2-10 kW) |
| 926-124514 | Diffuser cone (15-30 kW) |
| 926-161077 | Diffuser cone (40-60 kW) |
| 926-124515 | Thermostat Kit |
| 926-124516 | 24V Relay Kit |
| 926-124518 | 24V Relay Kit with Transformer |

Remote Room Thermostat – See page 99

Dimensions, Airflows and Weights

| KW | A | B | C | D | E | F | G | H | I | Weight |
|-------|-------------|-----------------|-------------|------------------|------------------|-----------------|-------------|------------------|------------------|-------------|
| | In. (mm) | In. (mm) | In. (mm) | In. (mm) | In. (mm) | In. (mm) | In. (mm) | In. (mm) | In. (mm) | lb (kg) |
| 2-10 | 12 (305) | 16-1/2 (419) | 17 (432) | 14-1/16 (357) | 11-7/16 (290) | 19 (490) | 12 (305) | 4-7/8 (123) | 16-7/8 (428) | 45 (20) |
| 15-30 | 18 (444) | 21-7/8 (556) | 23 (572) | 19 (470) | 16 (407) | 25 (630) | 12 (305) | 5-13/16 (148) | 23-5/16 (592) | 85 (39) |
| 40-60 | 23 (585) | 25 (641) | 34 (870) | — | — | 36-3/8 (924) | 12 (305) | 12 (305) | 35 (890) | 150 (68) |



Heater Listing

| KW | Volts | Phase | Total Amps (1) | CFM | Approximate Air Temperature Rise °F (°C) | Motor Data | | | Catalog Number |
|-----|-------|-------|----------------|-----|--|------------|------|---------|----------------|
| | | | | | | HP | RPM | Voltage | |
| 2 | 208 | 1 | 10.3 | 700 | 9 (5) | 1/30 | 1550 | 240/208 | 926U02000CA |
| | 208 | 3 | 6.3 | 700 | 9 (5) | 1/30 | 1550 | 240/208 | 926U02000DA |
| | 240 | 1 | 9.0 | 700 | 9 (5) | 1/30 | 1550 | 240/208 | 926U02000JA |
| | 240 | 3 | 5.5 | 700 | 9 (5) | 1/30 | 1550 | 240/208 | 926U02000KA |
| | 277 | 1 | 7.9 | 700 | 9 (5) | 1/30 | 1550 | 240/208 | 926U02000NA |
| | 480 | 1 | 4.9 | 700 | 9 (5) | 1/30 | 1550 | 240/208 | 926U02000TA |
| | 480 | 3 | 3.1 | 700 | 9 (5) | 1/30 | 1550 | 240/208 | 926U02000UA |
| 3 | 208 | 1 | 15.1 | 700 | 14 (8) | 1/30 | 1550 | 240/208 | 926U03000CA |
| | 208 | 3 | 9.0 | 700 | 14 (8) | 1/30 | 1550 | 240/208 | 926U03000DA |
| | 240 | 1 | 13.2 | 700 | 14 (8) | 1/30 | 1550 | 240/208 | 926U03000JA |
| | 240 | 3 | 7.9 | 700 | 14 (8) | 1/30 | 1550 | 240/208 | 926U03000KA |
| | 277 | 1 | 11.5 | 700 | 14 (8) | 1/30 | 1550 | 240/208 | 926U03000NA |
| | 480 | 1 | 7.0 | 700 | 14 (8) | 1/30 | 1550 | 240/208 | 926U03000TA |
| | 480 | 3 | 4.3 | 700 | 14 (8) | 1/30 | 1550 | 240/208 | 926U04000UA |
| 4 | 208 | 1 | 19.9 | 700 | 18 (10) | 1/30 | 1550 | 240/208 | 926U04000CA |
| | 208 | 3 | 11.8 | 700 | 18 (10) | 1/30 | 1550 | 240/208 | 926U04000DA |
| | 240 | 1 | 17.4 | 700 | 18 (10) | 1/30 | 1550 | 240/208 | 926U04000JA |
| | 240 | 3 | 10.3 | 700 | 18 (10) | 1/30 | 1550 | 240/208 | 926U04000KA |
| | 277 | 1 | 15.1 | 700 | 18 (10) | 1/30 | 1550 | 240/208 | 926U04000NA |
| | 480 | 1 | 9.0 | 700 | 18 (10) | 1/30 | 1550 | 240/208 | 926U04000TA |
| | 480 | 3 | 5.5 | 700 | 18 (10) | 1/30 | 1550 | 240/208 | 926U04000UA |
| 5 | 208 | 1 | 24.7 | 700 | 23 (13) | 1/30 | 1550 | 240/208 | 926U05000CA |
| | 208 | 3/1* | 14.6 | 700 | 23 (13) | 1/30 | 1550 | 240/208 | 926U05000DA |
| | 240 | 1 | 21.5 | 700 | 23 (13) | 1/30 | 1550 | 240/208 | 926U05000JA |
| | 240 | 3/1* | 12.7 | 700 | 23 (13) | 1/30 | 1550 | 240/208 | 926U05000KA |
| | 277 | 1 | 18.8 | 700 | 23 (13) | 1/30 | 1550 | 240/208 | 926U05000NA |
| | 480 | 1 | 11.1 | 700 | 23 (13) | 1/30 | 1550 | 240/208 | 926U05000TA |
| | 480 | 3 | 6.7 | 700 | 23 (13) | 1/30 | 1550 | 240/208 | 926U05000UA |
| 7.5 | 208 | 1 | 36.8 | 700 | 34 (19) | 1/30 | 1550 | 240/208 | 926U07500CA |
| | 208 | 3/1* | 21.5 | 700 | 34 (19) | 1/30 | 1550 | 240/208 | 926U07500DA |
| | 240 | 1 | 32.0 | 700 | 34 (19) | 1/30 | 1550 | 240/208 | 926U07500JA |
| | 240 | 3/1* | 18.7 | 700 | 34 (19) | 1/30 | 1550 | 240/208 | 926U07500KA |
| | 277 | 1 | 27.8 | 700 | 34 (19) | 1/30 | 1550 | 240/208 | 926U07500NA |
| | 480 | 1 | 16.3 | 700 | 34 (19) | 1/30 | 1550 | 240/208 | 926U07500TA |
| | 480 | 3 | 9.7 | 700 | 34 (19) | 1/30 | 1550 | 240/208 | 926U07500UA |
| 10 | 208 | 1 | 48.8 | 700 | 45 (25) | 1/30 | 1550 | 240/208 | 926U10000CA |
| | 208 | 3 | 28.5 | 700 | 45 (25) | 1/30 | 1550 | 240/208 | 926U10000DA |
| | 240 | 1 | 42.4 | 700 | 45 (25) | 1/30 | 1550 | 240/208 | 926U10000JA |
| | 240 | 3/1* | 24.8 | 700 | 45 (25) | 1/30 | 1550 | 240/208 | 926U10000KA |
| | 480 | 1 | 21.5 | 700 | 45 (25) | 1/30 | 1550 | 240/208 | 926U10000TA |
| | 480 | 3 | 12.7 | 700 | 45 (25) | 1/30 | 1550 | 240/208 | 926U10000UA |

(1) Total Amps = Heating element amps and motor amps.

Other voltages available. Consult factory.

Only available with almond finish.

* Can be converted from 3 to 1-phase in the field.

Unit Heater

Heater Listing (cont.)

| KW | Volts | Phase | Total Amps (1) | CFM | Approximate Air Temperature Rise °F (°C) | Motor Data | | | Catalog Number |
|----|-------|-------|----------------|------|--|------------|------|------------|----------------|
| | | | | | | HP | RPM | Voltage | |
| 15 | 208 | 1 | 73.2 | 1300 | 36 (20) | 1/8 | 1550 | 240/208 | 926U15000CA |
| | 208 | 3 | 42.7 | 1300 | 36 (20) | 1/8 | 1550 | 240/208 | 926U15000DA |
| | 240 | 1 | 63.6 | 1300 | 36 (20) | 1/30 | 1550 | 240/208 | 926U15000JA |
| | 240 | 3 | 37.2 | 1300 | 36 (20) | 1/30 | 1550 | 240/208 | 926U15000KA |
| | 480 | 1 | 32.2 | 1400 | 34 (19) | 1/6 | 1725 | 480 (1 ph) | 926U15000TA |
| | 480 | 3 | 18.9 | 1400 | 34 (19) | 1/6 | 1725 | 480 (1 ph) | 926U15000UA |
| 20 | 208 | 1 | 97.3 | 1300 | 49 (27) | 1/8 | 1550 | 240/208 | 926U20000CA |
| | 208 | 3 | 56.6 | 1300 | 49 (27) | 1/8 | 1550 | 240/208 | 926U20000DA |
| | 240 | 1 | 84.4 | 1300 | 49 (27) | 1/8 | 1550 | 240/208 | 926U20000JA |
| | 240 | 3 | 49.2 | 1300 | 49 (27) | 1/8 | 1550 | 240/208 | 926U20000KA |
| | 480 | 1 | 42.6 | 1400 | 45 (25) | 1/6 | 1725 | 480 (1 ph) | 926U20000TA |
| | 480 | 3 | 25 | 1400 | 45 (25) | 1/6 | 1725 | 480 (1 ph) | 926U20000UA |
| 25 | 208 | 1 | 121.3 | 1300 | 61 (34) | 1/8 | 1550 | 240/208 | 926U25000CA |
| | 208 | 3 | 70.5 | 1300 | 61 (34) | 1/8 | 1550 | 240/208 | 926U25000DA |
| | 240 | 1 | 105.3 | 1300 | 61 (34) | 1/8 | 1550 | 240/208 | 926U25000JA |
| | 240 | 3 | 61.2 | 1300 | 61 (34) | 1/8 | 1550 | 240/208 | 926U25000KA |
| | 480 | 1 | 53 | 1400 | 56 (31) | 1/6 | 1725 | 480 (1 ph) | 926U25000TA |
| | 480 | 3 | 31 | 1400 | 56 (31) | 1/6 | 1725 | 480 (1 ph) | 926U25000UA |
| 30 | 480 | 3 | 37 | 1400 | 68 (38) | 1/6 | 1725 | 480 (1 ph) | 926U30000UA |
| 40 | 480 | 3 | 49.6 | 2000 | 64 (18) | 3/4 | 1140 | 480 (3 ph) | 926U40000UA |
| 50 | 480 | 3 | 61.6 | 2000 | 80 (27) | 3/4 | 1140 | 480 (3 ph) | 926U50000UA |
| 60 | 480 | 3 | 73.7 | 2000 | 96 (36) | 3/4 | 1140 | 480 (3 ph) | 926U60000UA |

(1) Total Amps = Heating element amps and motor amps.

Other voltages available. Consult factory.

Only available with almond finish.