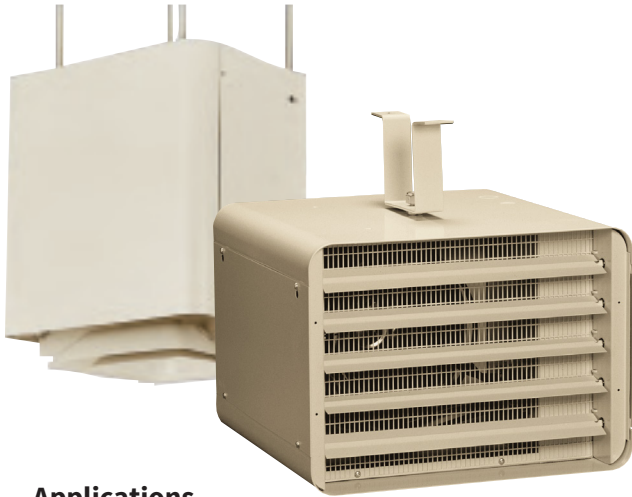


UCI SERIES Unit Heater



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 (except for 15 to 25 KW at 208/240V) 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. These units are not for residential use in the United States.

UCI SERIES

Unit Heater

Factory Built-in Options

Code	Description
C	Three Pole Contactor
D1	Disconnect Switch 32 Amp (2)
D2	Disconnect Switch 64 Amp (2)
D5	Disconnect Switch 80 Amp (2)
G	Fusing
M	Manual Reset
R1	24V Relay
R2	24V Relay with Transformer (1)
T	Thermostat (2)
U	Fan "ON" Switch
X	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 926U1000CA.

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
926-124517	24V Relay Kit with 208V Transformer
926-124520	24V Relay Kit with 480V Transformer

Line Voltage Thermostats

Catalog Number	Switch Type	Color	Type	Tamper-proof	Thermo-meter	Amps @ 120-240V	Amps @ 277V	Pilot Duty	Positive Off	Temperature Range °F
T498A1810	Bimetal	Beige	SPST	No	No	22	19	—	No	40-80
OTL221	Bimetal	White	SPST	No	No	22	19	—	No	41-90
OTL222	Bimetal	White	DPST	No	No	22	19	—	Yes	41-90
TH114-A-240D	Electronic	White	DPST	No	Digital	15A @ 240V	—	—	No	40-86

Low Voltage Thermostats - requires option R2 or an on/off relay with transformer

901-1006998	Bimetal	White	SPST	No	No	—	—	30VA at 30V max	Yes	50-90
T822K1018	Precision Snap Action	White	SPST	No	No	—	—	36VA at 30V max	No	45-95
OTH24	Electronic	White	Pulse	Yes	Digital	—	—	24VAC	No	41-97
OTH24-ARF	Electronic Programable	White	Pulse	Yes	Digital	—	—	24VAC	No	41-97

Accessories - Clear universal thermostat guard. Protects both line and low voltage thermostats against vandalism, damage, and unauthorized adjustment of thermostat settings.

Catalog Number	Description
F29-0143	Inside dimensions: 6-3/8" (length), 3-1/2" (height), 3" (depth)
F29-0198	Inside dimensions: 8-1/4" (length), 5-3/8" (height), 3-1/2" (depth)



T498A1810



OTL221
OTL222



TH114-A-240D



901-1006998



T822K1018



F29-0143
F29-0198



OTH24



OTH24 - ARF

UCI SERIES

Unit Heater

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	510	13 (7)	1/30	1550	240/208	926U02000CA
	208	3	6.3	510	13 (7)	1/30	1550	240/208	926U02000DA
	240	1	9.0	510	13 (7)	1/30	1550	240/208	926U02000JA
	240	3	5.5	510	13 (7)	1/30	1550	240/208	926U02000KA
	277	1	7.9	510	13 (7)	1/30	1550	240/208	926U02000NA
	480	1	4.9	510	13 (7)	1/30	1550	240/208	926U02000TA
	480	3	3.1	510	13 (7)	1/30	1550	240/208	926U02000UA
3	208	1	15.1	510	18 (10)	1/30	1550	240/208	926U03000CA
	208	3	9.0	510	18 (10)	1/30	1550	240/208	926U03000DA
	240	1	13.2	510	18 (10)	1/30	1550	240/208	926U03000JA
	240	3	7.9	510	18 (10)	1/30	1550	240/208	926U03000KA
	277	1	11.5	510	18 (10)	1/30	1550	240/208	926U03000NA
	480	1	7.0	510	18 (10)	1/30	1550	240/208	926U03000TA
	480	3	4.3	510	18 (10)	1/30	1550	240/208	926U04000UA
4	208	1	19.9	510	25 (14)	1/30	1550	240/208	926U04000CA
	208	3	11.8	510	25 (14)	1/30	1550	240/208	926U04000DA
	240	1	17.4	510	25 (14)	1/30	1550	240/208	926U04000JA
	240	3	10.3	510	25 (14)	1/30	1550	240/208	926U04000KA
	277	1	15.1	510	25 (14)	1/30	1550	240/208	926U04000NA
	480	1	9.0	510	25 (14)	1/30	1550	240/208	926U04000TA
	480	3	5.5	510	25 (14)	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.

UCI SERIES

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)	1/8	1550	240/208	926U15000JA
	240	3	37.2	1300	36 (20)	1/8	1550	240/208	926U15000KA
	480	1	32.2	1400	34 (19)	1/3	1725	480 (1 ph)	926U15000TA
	480	3	18.9	1400	34 (19)	1/3	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)	1/3	1725	480 (1 ph)	926U20000TA
	480	3	25	1400	45 (25)	1/3	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)	1/3	1725	480 (1 ph)	926U25000TA
	480	3	31	1400	56 (31)	1/3	1725	480 (1 ph)	926U25000UA
30	480	3	37	1400	68 (38)	1/3	1725	480 (1 ph)	926U30000UA
40	480	3	49.6	2000	63 (35)	3/4	1140	480 (3 ph)	926U40000UA
50	480	3	61.6	2000	79 (44)	3/4	1140	480 (3 ph)	926U50000UA
60	480	3	73.7	2000	95 (53)	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.

Dimensions and Weights

KW	A In. (mm)	B In. (mm)	C In. (mm)	D In. (mm)	E In. (mm)	F In. (mm)	G In. (mm)	H In. (mm)	I In. (mm)	Weight lb (kg)
2-10	12 (305)	16-1/2 (419)	17 (432)	14-1/16 (357)	11-7/16 (290)	195/16 (490)	12 (305)	4-7/8 (123)	16-7/8 (428)	45 (20)
15-30	17-1/2 (444)	21-7/8 (556)	22-1/2 (572)	18-1/2 (470)	16 (407)	24-13/16 (630)	12 (305)	5-13/16 (148)	23-5/16 (592)	85 (39)
40-60	23 (585)	25-1/4 (641)	34-1/4 (870)	—	—	36-3/8 (924)	12 (305)	12 (305)	35 (890)	150 (68)

