

OAS Commercial Industrial Suspended Unit Heater



Horizontal mounting



Features

Color

- Standard: almond.

Finish

- Standard: epoxy/polyester powder paint.

Voltage

- 208V, 240V, 277V, 347V, 480V, 600V, 1 or 3-phase.
- Some units may be field converted from 3 to 1-phase.

Construction

- 18 and 20-gauge steel.
- Adjustable louvers to direct air flow.
- High-limit temperature control with automatic reset.

Fan

- Totally enclosed factory-lubricated ball bearing motor (except for 15 to 25kW at 208/240V).
- 58 dBA fan (2 to 10kW), 67 dBA fan (15 to 30kW) and 77 dBA fan (40 to 60kW).
- Thermally-protected motor mounted in cold compartment.
- Fan delay purges heater of residual heat.

Heating element

- Tubular heating elements; stainless steel (2 to 10kW); finned steel (15 to 60kW).
- Concentric disposition of heating elements.
- Factory sealed element upon request.

Control

- Factory-installed contactor and 240/208V control circuit standard (with transformer if necessary).

- 24V relay, with or without transformer available.
- 120V control circuit available.
- Built-in thermostat available.

Ouellet highly recommends to use a wall thermostat for greater comfort.

Any remote thermostat or relay must be connected to the heater control terminal block.

Installation

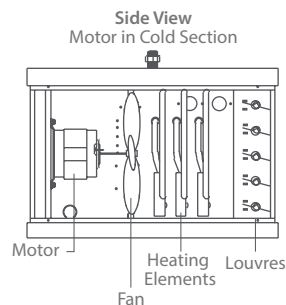
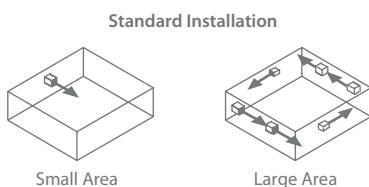
- Not for residential use in the United States.
- Horizontal mounting:
 - 2 to 30kW: wall or ceiling using the supplied brackets which allow 360° rotation.
 - 40 to 60kW: ceiling only secured by the supplied 4 hooks of suspension.
- Vertical mounting (except option -MD):
 - 2 to 60kW: using 4 threaded rods 1/2 in. X 13 UNC (not included).
- Diffuser cones available (except option -MD).
- Maximum recommended height (horizontal): 2 to 10kW: 8 ft. (2.4 m), 15 to 30kW: 10 ft. (3 m), 40 to 60kW: 15 ft. (4.5 m).
- Protective screen allows minimum horizontal mounting height:
 - Canada 2 to 30 kW: 24 in. (610 mm), 40 to 60kW: 8 ft. (2.4 m).
 - United States 2 to 30 kW 6 ft. (1.8 m), 40 to 60kW: 8 ft. (2.4 m).
- 30 °C (85 °F) maximum operating ambient temperature.

Warranty

- 3-year warranty against defects.

Application

- Commercial hall, warehouse, stairwell, factory.



OAS

Models

kW (BTU/hr)	Volts (ph)	Product #	cfm	Temperature Rise		Motor	
				°C	°F	HP	rpm
2.0 (6824)	208 (1)	OAS02008AM	510	7	13	1/30	1550
2.0 (6824)	208 (3/1 ¹)	OAS02038AM	510	7	13	1/30	1550
3.0 (10236)	208 (1)	OAS03008AM	510	10	18	1/30	1550
3.0 (10236)	208 (3/1 ¹)	OAS03038AM	510	10	18	1/30	1550
4.0 (13648)	208 (1)	OAS04008AM	510	14	25	1/30	1550
4.0 (13648)	208 (3/1 ¹)	OAS04038AM	510	14	25	1/30	1550
5.0 (17060)	208 (1)	OAS05008AM	700	13	23	1/30	1550
5.0 (17060)	208 (3/1 ¹)	OAS05038AM	700	13	23	1/30	1550
7.5 (25590)	208 (3/1 ¹)	OAS07538AM	700	19	34	1/30	1550
10.0 (34120)	208 (1)	OAS10008AM	700	25	45	1/30	1550
10.0 (34120)	208 (3)	OAS10038AM	700	25	45	1/30	1550
15.0 (51180)	208 (3/1 ¹)	OAS15038AM	1300	20	36	1/8	1550
20.0 (68240)	208 (3/1 ¹)	OAS20038AM	1300	27	49	1/8	1550
25.0 (85300)	208 (3/1 ¹)	OAS25038AM	1300	34	61	1/8	1550
2.0 (6824)	240 (1)	OAS02000AM	510	7	13	1/30	1550
3.0 (10236)	240 (1)	OAS03000AM	510	10	18	1/30	1550
4.0 (13648)	240 (1)	OAS04000AM	510	14	25	1/30	1550
5.0 (17060)	240 (1)	OAS05000AM	700	13	23	1/30	1550
7.5 (25590)	240 (1)	OAS07500AM	700	19	34	1/30	1550
10.0 (34120)	240 (1)	OAS10000AM	700	25	45	1/30	1550
15.0 (51180)	240 (1)	OAS15000AM	1300	20	36	1/8	1550
20.0 (68240)	240 (1)	OAS20000AM	1300	27	49	1/8	1550
25.0 (85300)	240 (1)	OAS25000AM	1300	34	61	1/8	1550
2.0 (6824)	347 (1)	OAS02007AM	510	7	13	1/30	1550
3.0 (10236)	347 (1)	OAS03007AM	510	10	18	1/30	1550
4.0 (13648)	347 (1)	OAS04007AM	510	14	25	1/30	1550
5.0 (17060)	347 (1)	OAS05007AM	700	13	23	1/30	1550
7.5 (25590)	347 (1)	OAS07507AM	700	19	34	1/30	1550
10.0 (34120)	347 (1)	OAS10007AM	700	25	45	1/30	1550
2.0 (6824)	480 (3)	OAS02034AM	510	7	13	1/30	1550
3.0 (10236)	480 (3)	OAS03034AM	510	10	18	1/30	1550
4.0 (13648)	480 (3)	OAS04034AM	510	14	25	1/30	1550
5.0 (17060)	480 (3)	OAS05034AM	700	13	23	1/30	1550
7.5 (25590)	480 (3)	OAS07534AM	700	19	34	1/30	1550
10.0 (34120)	480 (3)	OAS10034AM	700	25	45	1/30	1550
15.0 (51180)	480 (3)	OAS15034AM	1400	19	34	1/3	1725
20.0 (68240)	480 (3)	OAS20034AM	1400	25	45	1/3	1725
25.0 (85300)	480 (3)	OAS25034AM	1400	31	56	1/3	1725
30.0 (102360)	480 (3)	OAS30034AM	1400	38	68	1/3	1725
40.0 (136480)	480 (3)	OAS40034AM ²	2000	35	63	3/4	1140
50.0 (170600)	480 (3)	OAS50034AM ²	2000	44	79	3/4	1140
60.0 (204720)	480 (3)	OAS60034AM ²	2000	53	95	3/4	1140
2.0 (6824)	600 (1)	OAS02006AM	510	7	13	1/30	1550
2.0 (6824)	600 (3)	OAS02036AM	510	7	13	1/30	1550
3.0 (10236)	600 (1)	OAS03006AM	510	10	18	1/30	1550
3.0 (10236)	600 (3)	OAS03036AM	510	10	18	1/30	1550
4.0 (13648)	600 (1)	OAS04006AM	510	14	25	1/30	1550
4.0 (13648)	600 (3/1 ¹)	OAS04036AM	510	14	25	1/30	1550
5.0 (17060)	600 (1)	OAS05006AM	700	13	23	1/30	1550
5.0 (17060)	600 (3/1 ¹)	OAS05036AM	700	13	23	1/30	1550
7.5 (25590)	600 (3/1 ¹)	OAS07536AM	700	19	34	1/30	1550
10.0 (34120)	600 (3/1 ¹)	OAS10036AM	700	25	45	1/30	1550
15.0 (51180)	600 (1)	OAS15006AM	1400	19	34	1/3	1725
15.0 (51180)	600 (3/1 ¹)	OAS15036AM	1400	19	34	1/3	1725
20.0 (68240)	600 (1)	OAS20006AM	1400	25	45	1/3	1725
20.0 (68240)	600 (3/1 ¹)	OAS20036AM	1400	25	45	1/3	1725
25.0 (85300)	600 (1)	OAS25006AM	1400	31	56	1/3	1725
25.0 (85300)	600 (3/1 ¹)	OAS25036AM	1400	31	56	1/3	1725
30.0 (102360)	600 (3)	OAS30036AM	1400	38	68	1/3	1725
40.0 (136480)	600 (3)	OAS40036AM ²	2000	35	63	3/4	1140
50.0 (170600)	600 (3)	OAS50036AM	2000	44	79	3/4	1140
60.0 (204720)	600 (3)	OAS60036AM	2000	53	95	3/4	1140

¹ Models with the indication "3/1" can be field converted from 3 to 1-phase.

² If the control option "Disconnect switch" is required, you must order DIS80.

Standard color is almond.

240V, 3-phase and 277V available upon request.

OAS Options

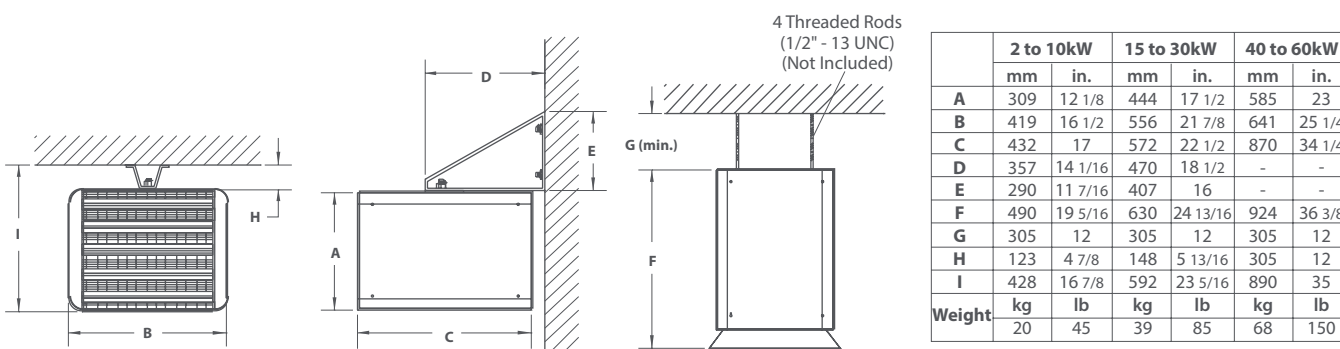
Product # Kit	Product # Factory installed*	Description
-	120	120V control circuit
-	3P	Triple-pole contactor
KIT-OAS-CD1AM	-	Diffuser cone, 2 to 10kW units
KIT-OAS-CD2AM	-	Diffuser cone, 15 to 30kW units
KIT-OAS-CD3AM	-	Diffuser cone, 40 to 60kW units
-	CV	Summer fan switch, with motor 240V and 277V
-	CV	Summer fan switch, with motor 480V and 600V
-	DIS40 ³	Disconnect switch, 40A
-	DIS80 ³	Disconnect switch, 80A
-	DIS100 ³	Disconnect switch, 100A
-	ES ¹	Factory sealed element
-	FANAM	Fan blades with almond epoxy/polyester coating
-	MD ²	Mine duty
KIT-OAS-R	R	24V relay, without transformer
-	RCV240	Summer fan relay 240V, remote control (switch not included)
KIT-OAS-RT	RT	24V relay, with transformer
KIT-OAS-T	T	Thermostat

* For factory installed options, add the option number to the product number. See the **Product Code** section inside the front cover.

¹ The option "sealed element" increases the reliability of these in humid environments. It does not completely eliminate the leakage currents of metal sheathed heating elements.

² See features below.

³ For the U.S. only: The nominal current of the unit must not exceed 80% of the capacity of the disconnect.



MD Features of Mine Duty Option

- Drip shield.
- Sealed wiring compartment.
- Hinged door with neoprene gasket.
- Element delay on ON cycle (fan delay on OFF cycle).
- Heavy duty 18-gauge grille.
- Double-pole contactor.
- Heating element can be factory sealed upon request to minimize moisture absorption (option -ES).

