

# 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

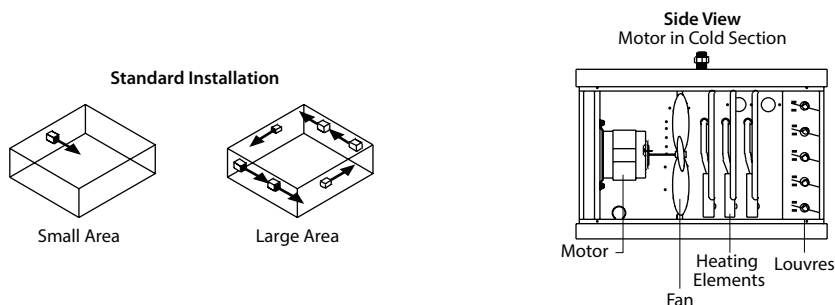
- Not for residential use in the United States.
- Horizontal mounting:
  - 2 to 30kW: wall or ceiling using the supplied brackets which allow 360° rotation.
  - 40 to 60kW: ceiling only secured by the supplied 4 hooks of suspension.
- Vertical mounting (except option -MD):
  - 2 to 60kW: using 4 threaded rods 1/2 in. X 13 UNC (not included).
  - Diffuser cones available.
- 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.



kW (BTU/hr)	Volts (ph)	Product #	Price	cfm	Temperature Rise		Motor	
					°C	°F	HP	rpm
2.0 (6824)	208 (1)	OAS02008AM	1511.00	510	7	13	1/30	1550
2.0 (6824)	208 (3/1 <sup>1</sup> )	OAS02038AM	1511.00	510	7	13	1/30	1550
3.0 (10236)	208 (1)	OAS03008AM	1511.00	510	10	18	1/30	1550
3.0 (10236)	208 (3/1 <sup>1</sup> )	OAS03038AM	1511.00	510	10	18	1/30	1550
4.0 (13648)	208 (1)	OAS04008AM	1531.00	510	14	25	1/30	1550
4.0 (13648)	208 (3/1 <sup>1</sup> )	OAS04038AM	1531.00	510	14	25	1/30	1550
5.0 (17060)	208 (1)	OAS05008AM	1766.00	700	13	23	1/30	1550
5.0 (17060)	208 (3/1 <sup>1</sup> )	OAS05038AM	1766.00	700	13	23	1/30	1550
7.5 (25590)	208 (3/1 <sup>1</sup> )	OAS07538AM	2538.00	700	19	34	1/30	1550
10.0 (34120)	208 (1)	OAS10008AM	2680.00	700	25	45	1/30	1550
10.0 (34120)	208 (3)	OAS10038AM	2680.00	700	25	45	1/30	1550
15.0 (51180)	208 (3/1 <sup>1</sup> )	OAS15038AM	3655.00	1300	20	36	1/8	1550
20.0 (68240)	208 (3/1 <sup>1</sup> )	OAS20038AM	4024.00	1300	27	49	1/8	1550
25.0 (85300)	208 (3/1 <sup>1</sup> )	OAS25038AM	4559.00	1300	34	61	1/8	1550
2.0 (6824)	240 (1)	OAS02000AM	1511.00	510	7	13	1/30	1550
3.0 (10236)	240 (1)	OAS03000AM	1511.00	510	10	18	1/30	1550
4.0 (13648)	240 (1)	OAS04000AM	1531.00	510	14	25	1/30	1550
5.0 (17060)	240 (1)	OAS05000AM	1766.00	700	13	23	1/30	1550
7.5 (25590)	240 (1)	OAS07500AM	2538.00	700	19	34	1/30	1550
10.0 (34120)	240 (1)	OAS10000AM	2680.00	700	25	45	1/30	1550
15.0 (51180)	240 (1)	OAS15000AM	3655.00	1300	20	36	1/8	1550
20.0 (68240)	240 (1)	OAS20000AM	4024.00	1300	27	49	1/8	1550
25.0 (85300)	240 (1)	OAS25000AM	4559.00	1300	34	61	1/8	1550
2.0 (6824)	347 (1)	OAS02007AM	1796.00	510	7	13	1/30	1550
3.0 (10236)	347 (1)	OAS03007AM	1855.00	510	10	18	1/30	1550
4.0 (13648)	347 (1)	OAS04007AM	1903.00	510	14	25	1/30	1550
5.0 (17060)	347 (1)	OAS05007AM	1967.00	700	13	23	1/30	1550
7.5 (25590)	347 (1)	OAS07507AM	2874.00	700	19	34	1/30	1550
10.0 (34120)	347 (1)	OAS10007AM	2926.00	700	25	45	1/30	1550
2.0 (6824)	480 (3)	OAS02034AM	1796.00	510	7	13	1/30	1550
3.0 (10236)	480 (3)	OAS03034AM	1855.00	510	10	18	1/30	1550
4.0 (13648)	480 (3)	OAS04034AM	1903.00	510	14	25	1/30	1550
5.0 (17060)	480 (3)	OAS05034AM	1967.00	700	13	23	1/30	1550
7.5 (25590)	480 (3)	OAS07534AM	2874.00	700	19	34	1/30	1550
10.0 (34120)	480 (3)	OAS10034AM	2926.00	700	25	45	1/30	1550
15.0 (51180)	480 (3)	OAS15034AM	3655.00	1400	19	34	1/3	1725
20.0 (68240)	480 (3)	OAS20034AM	4024.00	1400	25	45	1/3	1725
25.0 (85300)	480 (3)	OAS25034AM	4652.00	1400	31	56	1/3	1725
30.0 (102360)	480 (3)	OAS30034AM	4736.00	1400	38	68	1/3	1725
40.0 (136480)	480 (3)	OAS40034AM <sup>2</sup>	6245.00	2000	35	63	3/4	1140
50.0 (170600)	480 (3)	OAS50034AM <sup>2</sup>	6645.00	2000	44	79	3/4	1140
60.0 (204720)	480 (3)	OAS60034AM <sup>2</sup>	7309.00	2000	53	95	3/4	1140
2.0 (6824)	600 (1)	OAS02006AM	1796.00	510	7	13	1/30	1550
2.0 (6824)	600 (3)	OAS02036AM	1796.00	510	7	13	1/30	1550
3.0 (10236)	600 (1)	OAS03006AM	1855.00	510	10	18	1/30	1550
3.0 (10236)	600 (3)	OAS03036AM	1855.00	510	10	18	1/30	1550
4.0 (13648)	600 (1)	OAS04006AM	1903.00	510	14	25	1/30	1550
4.0 (13648)	600 (3/1 <sup>1</sup> )	OAS04036AM	1903.00	510	14	25	1/30	1550
5.0 (17060)	600 (1)	OAS05006AM	1967.00	700	13	23	1/30	1550
5.0 (17060)	600 (3/1 <sup>1</sup> )	OAS05036AM	1967.00	700	13	23	1/30	1550
7.5 (25590)	600 (3/1 <sup>1</sup> )	OAS07536AM	2874.00	700	19	34	1/30	1550
10.0 (34120)	600 (3/1 <sup>1</sup> )	OAS10036AM	2926.00	700	25	45	1/30	1550
15.0 (51180)	600 (1)	OAS15006AM	3655.00	1400	19	34	1/3	1725
15.0 (51180)	600 (3/1 <sup>1</sup> )	OAS15036AM	3655.00	1400	19	34	1/3	1725
20.0 (68240)	600 (1)	OAS20006AM	4024.00	1400	25	45	1/3	1725
20.0 (68240)	600 (3/1 <sup>1</sup> )	OAS20036AM	4024.00	1400	25	45	1/3	1725
25.0 (85300)	600 (1)	OAS25006AM	4652.00	1400	31	56	1/3	1725
25.0 (85300)	600 (3/1 <sup>1</sup> )	OAS25036AM	4652.00	1400	31	56	1/3	1725
30.0 (102360)	600 (3)	OAS30036AM	4736.00	1400	38	68	1/3	1725
40.0 (136480)	600 (3)	OAS40036AM	6245.00	2000	35	63	3/4	1140
50.0 (170600)	600 (3)	OAS50036AM <sup>2</sup>	6645.00	2000	44	79	3/4	1140
60.0 (204720)	600 (3)	OAS60036AM <sup>2</sup>	7309.00	2000	53	95	3/4	1140

<sup>1</sup> Models with the indication "3/1" can be field converted from 3 to 1-phase.  
<sup>2</sup> 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

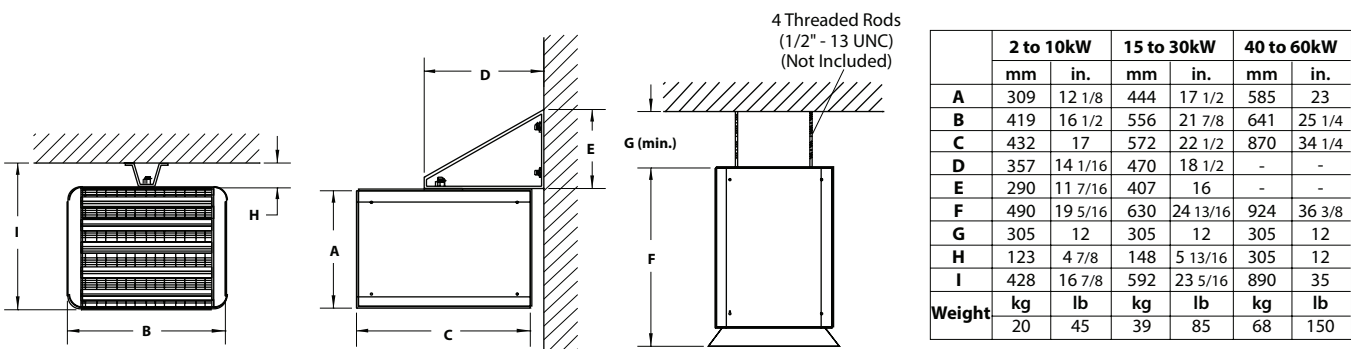
Product # Kit	Product # Factory installed*	Price	Description
-	120	196.00	120V control circuit
-	3P	96.00	Triple-pole contactor
KIT-OAS-CD1AM	-	187.00	Diffuser cone, 2 to 10kW units
KIT-OAS-CD2AM	-	230.00	Diffuser cone, 15 to 30kW units
KIT-OAS-CD3AM	-	287.00	Diffuser cone, 40 to 60kW units
-	CV	87.00	Summer fan switch, with motor 240V and 277V
-	CV	125.00	Summer fan switch, with motor 480V and 600V
-	DIS40 <sup>3</sup>	217.00	Disconnect switch, 40A
-	DIS80 <sup>3</sup>	260.00	Disconnect switch, 80A
-	DIS100 <sup>3</sup>	894.00	Disconnect switch, 100A
-	ES <sup>1</sup>	102.00	Factory sealed element
-	FANAM	62.00	Fan blades with almond epoxy/polyester coating
-	MD <sup>2</sup>	524.00	Mine duty
KIT-OAS-R	R	190.00	24V relay, without transformer
-	RCV240	129.00	Summer fan relay 240V, remote control (switch not included)
KIT-OAS-RT	RT	209.00	24V relay, with transformer
KIT-OAS-T	T	154.00	Thermostat

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

<sup>1</sup> 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.

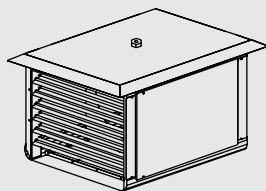
<sup>2</sup> See features below.

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

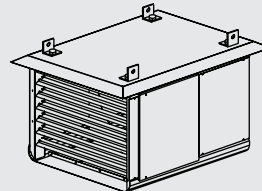


### MD Features of Mine Duty Option

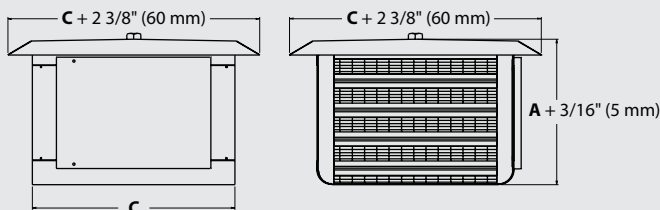
- Drip shield.
- Sealed wiring compartment.
- Hinged door with neoprene gasket.
- Element delay on ON cycle (fan delay on OFF cycle).
- Heavy duty 18-gauge grille.
- Double-pole contactor.
- Heating element can be factory sealed upon request to minimize moisture absorption (option -ES).



2 to 30kW



40 to 60kW



	2 to 10kW		15 to 30kW		40 to 60kW	
	mm	in.	mm	in.	mm	in.
<b>A</b>	305	12	444	17 1/2	585	23
<b>C</b>	432	17	572	22 1/2	870	34 1/4