

# OAS series

## Suspended Unit Heater

### For commercial and industrial use

The OAS is designed for areas requiring a high level of air flow. This unit heater may be mounted horizontally (wall or ceiling) using supplied brackets or vertically using 4 threaded rods (not included).

A variety of control options are available in kits or may be factory installed.

A specific option is available for mine applications.

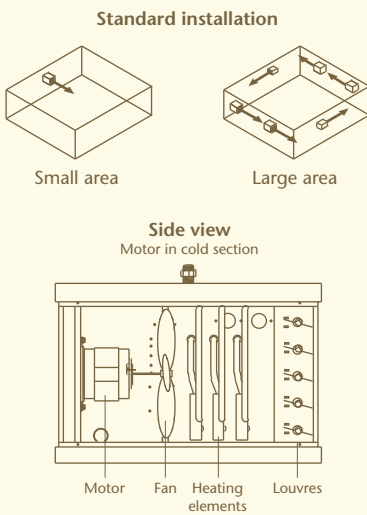


commercial hall

warehouse

stairwell

factory



### Features

#### Color

- Standard: almond.

#### Finish

- Standard: epoxy/polyester powder paint.

#### Voltage

- 208V, 240V, 277V, 347V, 480V, 600V, 1 or 3-phase.

#### Construction

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

#### Fan

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

#### Heating element

- Durable tubular heating elements; stainless steel (2-10 kW); finned (15-60 kW).
- Concentric disposition of heating elements.

#### Control

- All models have a factory-installed contactor.
- 208V/240V control circuit standard (with transformer if necessary).
- Also available with 24V relay, with or without transformer.
- Optional built-in thermostat.
- 120V control circuit available.

#### Installation

- Horizontal wall or ceiling mounting using 1 of 2 supplied brackets which allow 360° rotation\*.
- Vertical mounting using 4 threaded rods 1/2 in. X 13 UNC (not included).
- Diffuser cones available.
- Large and easily accessible control compartment.
- Maximum recommended height (horizontal): 2-10 kW: 8 ft. (2.4 m); 15-30 kW: 10 ft. (3 m); 40-60 kW: 15 ft. (4.5 m).
- Protective screen allows lower mounting height (except 40-60 kW).
- Minimum height of 8 ft. (2.4 m) for 40-60 kW heaters.
- 85 °F maximum operating temperature.

#### Warranty

- 1-year warranty against defects.

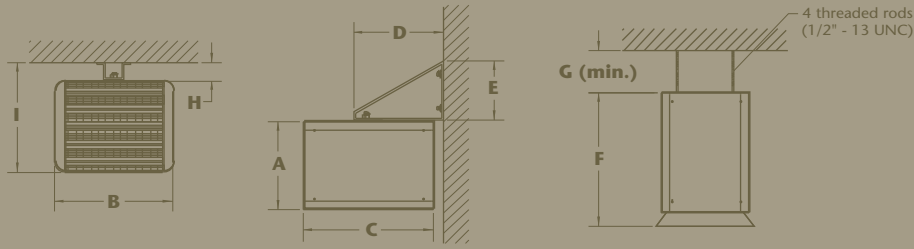
\* Horizontal mounting only for 40 kW, 50 kW and 60 kW secured by 4 hooks (ceiling only).  
Ouellet highly recommends use of a wall thermostat for greater comfort.

### Accessories

Product #	Description
OAS-CD1	Diffuser cone (2-10 kW)
OAS-CD2	Diffuser cone (15-30 kW)
OAS-CD3	Diffuser cone (40-60 kW)

### Options

Product #	Description
OAS-MD	Mine duty



	2-10 kW		15-30 kW		40-60 kW	
	mm	in.	mm	in.	mm	in.
A	305	12	444	17 1/2	585	23
B	420	16 1/2	560	22	641	25 1/4
C	432	17	572	22 1/2	870	34 5/16
D	343	13 1/2	470	18 1/2	-	-
E	285	11 1/4	393	15 1/2	-	-
F	490	19 5/16	630	24 13/16	930	36 5/8
G	305	12	305	12	305	12
H	127	5	152	6	305	12
I	433	17	572	22 1/2	900	35
Weight	kg	lbs	kg	lbs	kg	lbs
	20	45	39	85	39	150

## Models

Product #	Volts	Phase	kW (BTU/Hr)	Cfm	Rise °F	HP	Motor Rpm	Volts
OASU02008	208	1	2.0 (6824)	510	13	1/30	1550	240/208
OASU03008	208	1	3.0 (10236)	510	18	1/30	1550	240/208
OASU04008	208	1	4.0 (13648)	510	25	1/30	1550	240/208
OASU05008	208	1	5.0 (17060)	700	23	1/30	1550	240/208
OASU05038	208	3/1*	5.0 (17060)	700	23	1/30	1550	240/208
OASU07538	208	3/1*	7.5 (25590)	700	34	1/30	1550	240/208
OASU10008	208	1	10.0 (34120)	700	45	1/30	1550	240/208
OASU10038	208	3	10.0 (34120)	700	45	1/30	1550	240/208
OASU15038	208	3	15.0 (51180)	1300	36	1/8	1550	240/208
OASU20038	208	3	20.0 (68240)	1300	49	1/8	1550	240/208
OASU25038	208	3	25.0 (85300)	1300	61	1/8	1550	240/208
OASU02000	240	1	2.0 (6824)	510	13	1/30	1550	240/208
OASU03000	240	1	3.0 (10236)	510	18	1/30	1550	240/208
OASU04000	240	1	4.0 (13648)	510	25	1/30	1550	240/208
OASU05000	240	1	5.0 (17060)	700	23	1/30	1550	240/208
OASU05030	240	3/1*	5.0 (17060)	700	23	1/30	1550	240/208
OASU07500	240	1	7.5 (25590)	700	34	1/30	1550	240/208
OASU07530	240	3/1*	7.5 (25590)	700	34	1/30	1550	240/208
OASU10000	240	1	10.0 (34120)	700	45	1/30	1550	240/208
OASU10030	240	3/1*	10.0 (34120)	700	45	1/30	1550	240/208
OASU15030	240	3	15.0 (51180)	1300	36	1/8	1550	240/208
OASU20030	240	3	20.0 (68240)	1300	49	1/8	1550	240/208
OASU25030	240	3	25.0 (85300)	1300	61	1/8	1550	240/208
OASU02077	277	1	2.0 (6824)	510	13	1/30	1550	240/208
OASU03077	277	1	3.0 (10236)	510	18	1/30	1550	240/208
OASU04077	277	1	4.0 (13648)	510	25	1/30	1550	240/208
OASU05077	277	1	5.0 (17060)	700	23	1/30	1550	240/208
OASU07577	277	1	7.5 (25590)	700	34	1/30	1550	240/208
OASU02034	480	3	2.0 (6824)	510	13	1/30	1550	240/208
OASU03034	480	3	3.0 (10236)	510	18	1/30	1550	240/208
OASU04034	480	3	4.0 (13648)	510	25	1/30	1550	240/208
OASU05034	480	3	5.0 (17060)	700	23	1/30	1550	240/208
OASU07534	480	3	7.5 (25590)	700	34	1/30	1550	240/208
OASU10034	480	3	10.0 (34120)	700	45	1/30	1550	240/208
OASU15034	480	3	15.0 (51180)	1400	34	1/6	1725	480 (1 ph)
OASU20034	480	3	20.0 (68240)	1400	45	1/6	1725	480 (1 ph)
OASU25034	480	3	25.0 (85300)	1400	56	1/6	1725	480 (1 ph)
OASU30034	480	3	30.0 (102360)	1400	68	1/6	1725	480 (1 ph)
OASU40034	480	3	40.0 (136480)	2000	63	3/4	1140	480 (3 ph)
OASU50034	480	3	50.0 (170600)	2000	79	3/4	1140	480 (3 ph)
OASU60034	480	3	60.0 (204720)	2000	95	3/4	1140	480 (3 ph)

Standard color is almond.

480V single phase available upon request. Remember to change the 3 for 0 when ordering. Example : OASU05034 becomes OASU05004.

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

## Relays and Thermostats

Product #	Description	Product #	Description		
Product no-RT	24V relay with transformer	Factory installed	OAS-DIS40	40A disconnect switch	Factory installed
Product no-R	24V relay without transformer	Factory installed	OAS-DIS80	80A disconnect switch	Factory installed
OAS-RT	24V relay with transformer	Kit	OAS-DIS100	100A disconnect switch	Factory installed
OAS-R	24V relay without transformer	Kit	OAS-CV-277	Summer fan switch with motor 240V and 277V	Factory installed
Product no-T	Built-in thermostat	Factory installed	OAS-CV-600	Summer fan switch with motor 480V and 600V	Factory installed
OAS-T	Built-in thermostat	Kit	OAS-120	Transformer and contactor for 120V control	Factory installed
----	----	----	OAS-3P	Triple-pole contactor	Factory installed