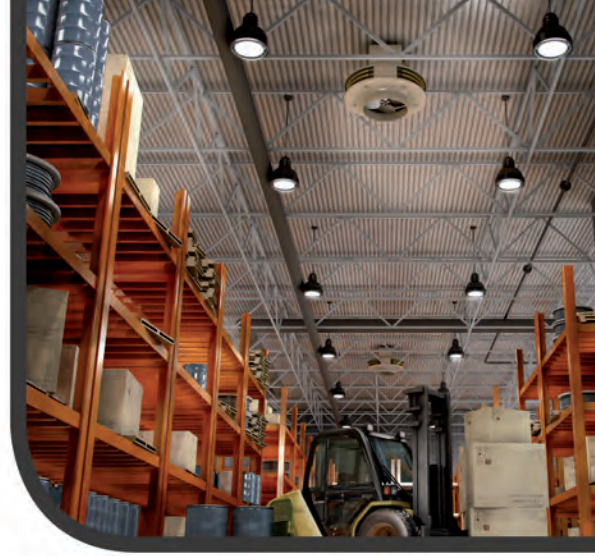


OAV Vertical Unit Heater



Features

Color

- Standard: almond.

Finish

- Standard: epoxy/polyester powder paint.

Voltage

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

Construction

- 18-gauge steel.
- Linear high-limit temperature control with automatic reset.
- Terminal block for remote fan control. **1**

Fan

- Fan delay; keeps the fan stopped at the beginning to let the heating elements warm-up and keeps the fan going when the heater is stopped to purge heater of residual heat.
- Totally enclosed, ball-bearing motor. **2**
- Motor is thermally protected.

Heating element

- Finned tubular heating elements grounded for extra safety. **3**

Control

- All models have factory installed contactor. **4**
- 240V control circuit (with transformer if necessary).
- 24V relay available with or without transformer.
- 120V control circuit available.
- 30 °C (85 °F) maximum operating ambient temperature.

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

Installation

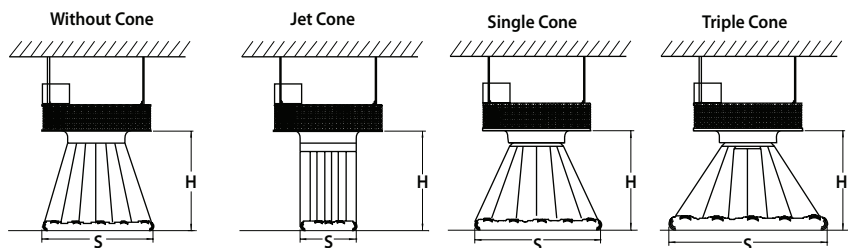
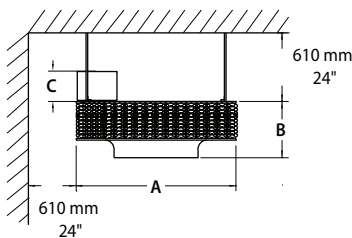
- Mounting for 10kW and less: 4 threaded holes (1/2 in. - 13 UNC).
- Mounting for 15kW or more: 4 hooks.
- Cones available upon request. **5**

Warranty

- 3-year warranty against defects.

Application

- Factory, warehouse, commercial building, garage.



Models (Without Cone)

	A		B		C	
	mm	in.	mm	in.	mm	in.
5 to 10kW	587	23 1/8	203	8	176	6 15/16
15 to 30kW	768	30 1/4	310	12 3/16	170	6 11/16
40 to 60kW	1075	42 5/16	443	17 7/16	172	6 3/4

kW	Without Cone		Cone Jet				Single Cone				Triple Cone					
	H		S		H		S		H		S		H		S	
	m	ft.	m	ft.	m	ft.	m	ft.	m	ft.	m	ft.	m	ft.	m	ft.
5 to 10kW	3.7	12	5.8	19	4.9	16	6.1	20	2.5	8	6.9	22	3.1	10	9.5	31
15 to 30kW	5.5	18	8.5	28	6.7	22	8.5	28	3.7	12	10.0	33	4.3	14	13.2	43
40 to 60kW	8.3	27	13.0	42	9.1	30	11.9	40	4.3	14	11.8	38	6.1	20	15.5	50

OAV

Models

kW	Volts (ph)	Product #	Price	BTU/hr	cfm	Temperature Rise		Motor		Weight	
						°C	°F	HP	rpm	lb	kg
5.0	208 (1)	OAV05008AM	3554.00	17060	450	19	34	1/25	1050	75	34
5.0	208 (3)	OAV05038AM	3554.00	17060	450	19	34	1/25	1050	75	34
7.5	208 (3)	OAV07538AM	3624.00	25590	600	22	40	1/25	1050	75	34
10.0	208 (3)	OAV10038AM	3700.00	34120	750	23	42	1/25	1050	75	34
15.0	208 (3)	OAV15038AM	5824.00	51180	1200	22	40	1/6	1075	100	48
20.0	208 (3)	OAV20038AM	6045.00	68240	1600	22	40	1/6	1075	100	48
25.0	208 (3)	OAV25038AM	6323.00	85300	2000	22	40	1/6	1075	100	48
30.0	208 (3)	OAV30038AM	6522.00	102360	2300	23	41	1/6	1075	100	48
5.0	240 (1)	OAV05000AM	3554.00	17060	450	19	34	1/25	1050	75	34
7.5	240 (1)	OAV07500AM	3624.00	25590	600	22	40	1/25	1050	75	34
10.0	240 (1)	OAV10000AM	3700.00	34120	750	23	42	1/25	1050	75	34
15.0	240 (1)	OAV15000AM	5824.00	51180	1200	22	40	1/6	1075	100	48
20.0	240 (1)	OAV20000AM	6045.00	68240	1600	22	40	1/6	1075	100	48
25.0	240 (1)	OAV25000AM	6323.00	85300	2000	22	40	1/6	1075	100	48
30.0	240 (1)	OAV30000AM	6522.00	102360	2300	23	41	1/6	1075	100	48
5.0	347 (1)	OAV05007AM	3669.00	17060	450	19	34	1/25	1050	75	34
7.5	347 (1)	OAV07507AM	3719.00	25590	600	22	40	1/25	1050	75	34
10.0	347 (1)	OAV10007AM	3788.00	34120	750	23	42	1/25	1050	75	34
25.0	480 (3)	OAV25034AM	6575.00	85300	2000	22	40	1/6	1075	100	48
30.0	480 (3)	OAV30034AM	6700.00	102360	2300	23	41	1/6	1075	100	48
5.0	600 (1)	OAV05006AM	3669.00	17060	450	19	34	1/25	1050	75	34
5.0	600 (3)	OAV05036AM	3669.00	17060	450	19	34	1/25	1050	75	34
7.5	600 (3)	OAV07536AM	3719.00	25590	600	22	40	1/25	1050	75	34
10.0	600 (3)	OAV10036AM	3788.00	34120	750	23	42	1/25	1050	75	34
15.0	600 (3)	OAV15036AM	6223.00	51180	1200	22	40	1/6	1075	100	48
20.0	600 (3)	OAV20036AM	6448.00	68240	1600	22	40	1/6	1075	100	48
25.0	600 (3)	OAV25036AM	6575.00	85300	2000	22	40	1/6	1075	100	48
30.0	600 (3)	OAV30036AM	6700.00	102360	2300	23	41	1/6	1075	100	48
40.0	600 (3)	OAV40036AM	8792.00	136480	4800	15	26	1/6	1140	215	98
50.0	600 (3)	OAV50036AM	9853.00	170600	4800	18	33	1/6	1140	215	98
60.0	600 (3)	OAV60036AM	10840.00	204720	4800	22	40	1/6	1140	215	98

Options

Product # Kit	Product # Factory installed*	Price	Description
-	120	205.00	120V control circuit
-	3P	93.00	Triple-pole contactor
KIT-OAV-CJ-1AM	-	110.00	Jet cone, 5 to 10kW units
KIT-OAV-CJ-2AM	-	129.00	Jet cone, 15 to 30kW units
KIT-OAV-CJ-3AM	-	152.00	Jet cone, 40 to 60kW units
KIT-OAV-CS-1AM	-	129.00	Single cone, 5 to 10kW units
KIT-OAV-CS-2AM	-	152.00	Single cone, 15 to 30kW units
KIT-OAV-CS-3AM	-	171.00	Single cone, 40 to 60kW units
KIT-OAV-CT-1AM	-	216.00	Triple cone, 5 to 10kW units
KIT-OAV-CT-2AM	-	432.00	Triple cone, 15 to 30kW units
KIT-OAV-CT-3AM	-	648.00	Triple cone, 40 to 60kW units
-	DIS40	221.00	Disconnect switch, triple-pole, 40A at 600V
-	DIS80	270.00	Disconnect switch, triple-pole, 80A at 600V
-	DIS100	840.00	Disconnect switch, triple-pole, 100A at 600V
KIT-OAV-R	R	193.00	24V relay, without transformer
KIT-OAV-RT	RT	214.00	24V relay, with transformer

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