

OHB High Density Aluminum Draft Barrier



With pedestals



Features

Color

- Standard: white, almond.
- Optional (upcharge applicable): metallic silver, bronze, metallic charcoal, aluminum, semi-gloss black, sand.
- Custom colors available upon request.

Finish

- Standard: epoxy/polyester powder paint.
- Optional: anodized aluminum.

Voltage

- 208V, 240/208V, 277V, 347V, 600V, 50/60 Hz, 1-phase.

Construction

- 14-gauge (0.0787 in. [2 mm]) aluminum front cover. **1**
- 18-gauge satin coat steel cabinet.
- Screw assembly for added strength.
- Full length built-in wireway.
- Separate low voltage wireway (-WW) available.
- Pencil-proof openings less than 1/4 in. (6.4 mm). **2**
- Bottom fresh air inlet, top warm air outlet.
- Clean back available (-BD).
- Linear high-limit temperature control with automatic reset. **3**
High altitude version available (-HA).
- End caps included.

Heating element

- Two stainless steel tubular heating elements with aluminum fins.

- Floating heating elements on high-temperature nylon bushings reducing expansion noises. **4**

Watt density

- Average standard watt density 355W/ft.
- Average low watt density 175W/ft., 250W/ft.
- Average high watt density 500W/ft.

Control

- Built-in thermostat available with a control knob or tamperproof.
- Mechanical, electronic or pneumatic relays available.

Ouellet highly recommends to use an electronic wall thermostat for greater comfort.

Installation

- Not for residential use in the United States.
- Heater must be installed at least 3 in. (76 mm) from finished floor.
- Mounting holes spaced on 2 in. (51 mm) intervals for ease of installation.
- Installation on wall or floor mounted with pedestals. **5**
- Pedestal kit available.
- Variety of accessories available for wall-to-wall installation.

Warranty

- 3-year warranty against defects.

Application

- Commercial building, office building, hospital, daycare center, private residence.

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Average Standard Watt Density Models 355W/ft.

Watts	Product #			Watts 240/208V ¹	Product # 240/208V	Price	Length		Weight	
	208V	347V	600V				in.	mm	lb	kg
750	OHB0758	OHB0757	-	750/563	OHB0750	651.00	23 5/8	600	10.7	4.8
1000	OHB1008	OHB1007	-	1000/750	OHB1000	737.00	35 7/16	900	14.1	6.4
1400	OHB1408	OHB1407	OHB1406	1400/1050	OHB1400	840.00	47 1/4	1200	17.6	8.0
1750	OHB1758	OHB1757	OHB1756	1750/1313	OHB1750	950.00	59 1/16	1500	21.1	9.6
2100	OHB2108	OHB2107	OHB2106	2100/1577	OHB2100	1083.00	70 7/8	1800	24.6	11.1
2450	OHB2458	OHB2457	OHB2456	2450/1840	OHB2450	1227.00	82 11/16	2100	28.0	12.7
2800	OHB2808	OHB2807	OHB2806	2800/2103	OHB2800	1394.00	94 1/2	2400	31.5	14.3

Average Low Watt Density Models

Product # ²	Price	Length	Weight	Average Density W/ft.	Watts	Watts 240/208V ¹	208V	240/208V	347V	600V
OHB040X-600	651.00	23 5/8"	10.7 lb	175	375	375/281			-	-
OHB050X-600		(600 mm)	(4.8 kg)	250	500	500/375			-	-
OHB050X-900	737.00	35 7/16"	14.1 lb	175	500	500/375				-
OHB075X-900		(900 mm)	(6.4 kg)	250	750	750/563				-
OHB070X-1200	840.00	47 1/4"	17.6 lb	175	700	700/525				
OHB100X-1200		(1200 mm)	(8.0 kg)	250	1000	1000/750				
OHB087X-1500	950.00	59 1/16"	21.1 lb	175	875	875/656				
OHB125X-1500		(1500 mm)	(9.6 kg)	250	1250	1250/938				
OHB105X-1800	1083.00	70 7/8"	24.6 lb	175	1050	1050/788				
OHB150X-1800		(1800 mm)	(11.1 kg)	250	1500	1500/1125				
OHB122X-2100	1227.00	82 11/16"	28.0 lb	175	1225	1225/919				
OHB175X-2100		(2100 mm)	(12.7 kg)	250	1750	1750/1313				
OHB140X-2400	1394.00	94 1/2"	31.5 lb	175	1400	1400/1050				
OHB200X-2400		(2400 mm)	(14.3 kg)	250	2000	2000/1500				

Average High Watt Density Models 500W/ft.

Watts	Product #			Watts 240/208V ¹	Product # 240/208V	Price	Length		Weight	
	208V	347V	600V				in.	mm	lb	kg
1000	OHBH1008	OHBH1007	-	1000/750	OHBH1000	651.00	23 5/8	600	10.7	4.8
1500	OHBH1508	OHBH1507	OHBH1506	1500/1125	OHBH1500	737.00	35 7/16	900	14.1	6.4
2000	OHBH2008	OHBH2007	OHBH2006	2000/1500	OHBH2000	840.00	47 1/4	1200	17.6	8.0
2500	OHBH2508	OHBH2507	OHBH2506	2500/1875	OHBH2500	950.00	59 1/16	1500	21.1	9.6
3000	OHBH3008	OHBH3007	OHBH3006	3000/2250	OHBH3000	1083.00	70 7/8	1800	24.6	11.1
3500	OHBH3508 ³	OHBH3507	OHBH3506	3500/2625	OHBH3500	1227.00	82 11/16	2100	28.0	12.7
4000	OHBH4008 ³	OHBH4007	OHBH4006 ³	4000/3000	OHBH4000 ³	1394.00	94 1/2	2400	31.5	14.3

¹ 208V = 75% of wattage at 240V.

² X = 8 (208V), 0 (240/208V), 7 (347V), 6 (600V).

³ If the control option "24V electronic relay" is required, these products need two electronic relays.

= Available.

Add "BL" for white, "AM" for almond. Upcharge available for optional colors shown in the color chart section.

Other colors, accessories and finishes are available upon request. Please contact your customer service representative.

Other voltages available upon request.

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Options

Product # Kit	Product # Factory installed*	Price	Description
Finish			
-	BD ¹	+10%	Clean back
KIT-OHB-CE	-	617.00	Outside corner, 8 in. (203 mm)
KIT-OHB-CI	-	617.00	Inside corner, 8 in. (203 mm)
KIT-OHB-JT	-	145.00	Splice plate, 2 in. (51 mm)
KIT-OHB-JT-PE	-	154.00	Contour splice plate for BD option and/or heater with pedestals, 2 in. (51 mm)
KIT-OHB-PEC	-	148.00	Square-shaped pedestal kit (2), 3 in. (76 mm)
OHB-SV-XX	-	Upon Request	Empty cabinet with length of XX mm (minimum: 154 mm, maximum: 2400 mm)
Controls			
KIT-OHB-DIS20 ³	DIS20 ³	172.00	Disconnect switch, 20A at 277V max.
KIT-OHB-DIS40 ³	DIS40 ³	211.00	Disconnect switch, 40A at 600V max.
-	HA	No Charge	Linear high-limit temperature control for high altitude (3000 ft. to 8200 ft.)
-	PM	410.00	Pneumatic relay, 20A at 600V max.
KIT-OHB-R-347	R	175.00	Single-pole relay, coil 24V, without transformer, 22A at 208V, 240V - 19A at 277V - 18A at 347V
KIT-OHB-R-600	R	182.00	Single-pole relay, coil 24V, without transformer, 10A at 600V
KIT-OHB-RT-208	RT	195.00	Single-pole relay, coil 24V, with transformer 208V/24V, 22A at 208V
KIT-OHB-RT-240	RT	195.00	Single-pole relay, coil 24V, with transformer 240V/24V, 22A at 240V
KIT-OHB-RT-277	RT	195.00	Single-pole relay, coil 24V, with transformer 277V/24V, 19A at 277V
KIT-OHB-RT-347	RT	189.00	Single-pole relay, coil 24V, with transformer 347V/24V, 18A at 347V
KIT-OHB-RT-600 ²	RT ²	195.00	Single-pole relay, coil 24V, with transformer 600V/24V, 10A at 600V (2-wire only)
KIT-OHB-T	T	137.00	Single-pole thermostat: 25A at 208V, 240V - 10A at 277V, 347V, 480V, 600V
KIT-OHB-T2 ⁴	T2 ⁴	228.00	Double-pole thermostat: 30A at 208V, 240V - 15A at 277V, 347V, 600V
KIT-OHB-T-AV	TAV	137.00	Single-pole tamperproof thermostat: 25A at 208V, 240V - 10A at 277V, 347V, 480V, 600V
KIT-OHB-T2-AV ⁴	T2AV ⁴	228.00	Double-pole tamperproof thermostat: 30A at 208V, 240V - 15A at 277V, 347V, 600V
KIT-OHB-TRIAC-347	TRIAC	77.00	Single-pole electronic relay, coil 24V, without transformer, 15A at 347V max.
KIT-OHB-TRIAC-347T	TRIACT	105.00	Single-pole electronic relay, coil 24V, with transformer, 15A at 208V, 240V, 347V
KIT-OHB-TRIAC-600	TRIAC	135.00	Single-pole electronic relay, coil 24V, without transformer, 6A at 600V max.
-	WW	46.00	24V wireway includes high temperature wiring

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

¹ For anodized aluminum heaters, the clean back option will be fixed with visible rivets.

² These 2-wire relays with transformer can't supply a 3-wire low voltage thermostats.

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

⁴ "Off" position.

