

ODB
ODI

Aluminum Draft Barrier

Aluminum Sloped Top Draft Barrier



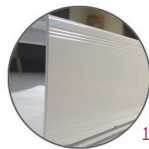
ODB

With bottom fresh air inlet and pedestals

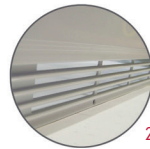


ODI

With pedestals



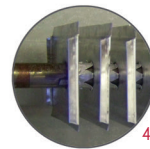
1



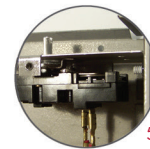
2



3



4



5

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

- 120V, 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.
- Pencil-proof openings less than 1/4 in. (6.4 mm). **2**
- Front fresh air inlet; top warm air outlet.
 - Bottom fresh air inlet available (-BAI).
- Clean back available (-BD).
- Linear high-limit temperature control with automatic reset.
 - High altitude version available (-HA).
- End caps included. **3**

Heating element

- Stainless steel tubular heating element with aluminum fins. **4**
- Floating heating element on high-temperature nylon bushings reducing expansion noises.

Watt density

- Standard watt density.
- Low watt density.

Control

- Built-in thermostat available with a control knob or tamperproof. **5**
- Mechanical, electronic or pneumatic relays available (installed on the right end only).

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

Installation

- Heater must be installed at least 2 in. (51 mm) from finished floor (for -BAI option).
- Mounting holes spaced on 4 in. (102 mm) intervals for ease of installation.
- Wall or floor mounted installation.
- Variety of accessories available for wall-to-wall installation.
- Pedestal kit available.

Warranty

- 10-year warranty against defects.

Application

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

ODB Aluminum Draft Barrier



With bottom fresh air inlet and pedestals



Standard Watt Density Models

Watts	Watts 240/208V	Product #				Length		Weight	
		120V	208V	240/208V	277V	in.	mm	lb	kg
500	500/375	ODB0502	ODB0508	ODB0500	ODB0577	29 1/16	738	8.0	3.6
750	750/563	ODB0752	ODB0758	ODB0750	ODB0777	39 1/16	992	10.4	4.7
1000	1000/750	ODB1002	ODB1008	ODB1000	ODB1077	49 5/16	1253	12.8	5.8
1250	1250/938	ODB1252	ODB1258	ODB1250	ODB1277	58 13/16	1494	15.1	6.8
1500	1500/1125	ODB1502	ODB1508	ODB1500	ODB1577	67 1/2	1715	17.2	7.8
1750	1750/1313	-	ODB1758	ODB1750	ODB1777	76 7/8	1952	19.4	8.8
2000	2000/1500	-	ODB2008	ODB2000	ODB2077	85 5/8	2175	21.5	9.7
2250	2250/1688	-	ODB2258	ODB2250	ODB2277	94 1/2	2400	23.6	10.7
2500	2500/1875	-	ODB2508	ODB2500	ODB2577	103 5/8	2632	25.8	11.7

Low Watt Density Models

Product # ¹	Length	Weight	Average Density W/ft.	Watts	Watts 240/208V	120V	208V	240/208V	277V
ODB020X-738			100	200	200/150	✓	✓	✓	-
ODB030X-738	29 1/16" (738 mm)	8.0 lb (3.6 kg)	150	300	300/225	✓	✓	✓	-
ODB040X-738			200	400	400/300	✓	✓	✓	✓
ODB030X-992			100	300	300/225	✓	✓	✓	✓
ODB045X-992	39 1/16" (992 mm)	10.4 lb (4.7 kg)	150	450	450/338	✓	✓	✓	✓
ODB060X-992			200	600	600/450	✓	✓	✓	✓
ODB040X-1253			100	400	400/300	✓	✓	✓	✓
ODB060X-1253	49 5/16" (1253 mm)	12.8 lb (5.8 kg)	150	600	600/450	✓	✓	✓	✓
ODB080X-1253			200	800	800/600	✓	✓	✓	✓
ODB050X-1494			100	500	500/375	✓	✓	✓	✓
ODB075X-1494	58 13/16" (1494 mm)	15.1 lb (6.8 kg)	150	750	750/563	✓	✓	✓	✓
ODB100X-1494			200	1000	1000/750	✓	✓	✓	✓
ODB060X-1715			100	600	600/450	✓	✓	✓	✓
ODB090X-1715	67 1/2" (1715 mm)	17.2 lb (7.8 kg)	150	900	900/675	✓	✓	✓	✓
ODB120X-1715			200	1200	1200/900	✓	✓	✓	✓
ODB070X-1952			100	700	700/525	✓	✓	✓	✓
ODB105X-1952	76 7/8" (1952 mm)	19.4 lb (8.8 kg)	150	1050	1050/788	✓	✓	✓	✓
ODB140X-1952			200	1400	1400/1050	✓	✓	✓	✓
ODB080X-2175			100	800	800/600	✓	✓	✓	✓
ODB120X-2175	85 5/8" (2175 mm)	21.5 lb (9.7 kg)	150	1200	1200/900	✓	✓	✓	✓
ODB160X-2175			200	1600	1600/1200	-	✓	✓	✓
ODB090X-2400			100	900	900/675	✓	✓	✓	✓
ODB135X-2400	94 1/2" (2400 mm)	23.6 lb (10.7 kg)	150	1350	1350/1013	-	✓	✓	✓
ODB180X-2400			200	1800	1800/1350	-	✓	✓	✓
ODB100X-2632			100	1000	1000/750	✓	✓	✓	✓
ODB150X-2632	103 5/8" (2632 mm)	26.8 lb (11.7 kg)	150	1500	1500/1125	-	✓	✓	✓
ODB200X-2632			200	2000	2000/1500	-	✓	✓	✓
ODB225X-2632			200	2250	2250/1688	-	✓	✓	✓

¹ X = 2 (120V), 8 (208V), 0 (240/208V), 77 (277V).

✓ = Available.

Add "BL" for white, "AM" for almond. Optional colors shown in the color chart section are available upon request.

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

Other voltages available upon request.

ODB

Options

Product # Kit	Product # Factory installed*	Description
-	BAI	Bottom fresh air inlet
-	BD ¹	Clean back
KIT-ODB-CE	-	Outside corner, 4 in. (102 mm)
KIT-ODB-CI	-	Inside corner, 4 in. (102 mm)
KIT-ODB-JT	-	Splice plate, 2 in. (51 mm)
KIT-ODB-JT-PE	-	Contour splice plate for BD option and/or heater with pedestals, 2 in. (51 mm)
KIT-ODB-PE	-	Round pedestal kit (2), 3 in. (76 mm)
KIT-ODB-PEC	-	Square-shaped pedestal kit (2), 2 in. (51 mm)
ODB-SV-XX	-	Empty cabinet with length of XX mm (minimum: 154 mm, maximum: 2632 mm)
KIT-ODB-DIS20 ⁴	DIS20 ⁴	Disconnect switch, 20A at 277V max.
KIT-ODB-DIS40 ⁴	DIS40 ⁴	Disconnect switch, 40A at 600V max.
-	HA	Linear high-limit temperature control for high altitude (3000 ft. to 8200 ft.)
-	PM	Pneumatic relay, 20A at 600V max.
KIT-ODB-R-347	R	Single-pole relay, coil 24V, without transformer, 22A at 120V, 208V, 240V - 19A at 277V - 18A at 347V
KIT-ODB-R-600	R	Single-pole relay, coil 24V, without transformer, 10A at 600V
KIT-ODB-RT-120	RT	Single-pole relay, coil 24V, with transformer 120V/24V, 22A at 120V
KIT-ODB-RT-208	RT	Single-pole relay, coil 24V, with transformer 208V/24V, 22A at 208V
KIT-ODB-RT-240	RT	Single-pole relay, coil 24V, with transformer 240V/24V, 22A at 240V
KIT-ODB-RT-277	RT	Single-pole relay, coil 24V, with transformer 277V/24V, 19A at 277V
KIT-ODB-RT-347	RT	Single-pole relay, coil 24V, with transformer 347V/24V, 18A at 347V
KIT-ODB-RT-600 ²	RT ²	Single-pole relay, coil 24V, with transformer 600V/24V, 10A at 600V (2-wire only)
KIT-ODB-TB6	TB6	Single-pole bi-metal thermostat: 25A at 120V, 208V, 240V, 277V - 10A at 347V, 480V, 600V
KIT-ODB-TB26 ³	TB26 ³	Double-pole bi-metal thermostat: 25A at 120V, 208V, 240V, 277V - 10A at 347V, 480V, 600V
KIT-ODB-TB6-AV	TB6AV	Single-pole bi-metal tamperproof thermostat: 25A at 120V, 208V, 240V, 277V - 10A at 347V, 480V, 600V
KIT-ODB-TB26-AV ³	TB26AV ³	Double-pole bi-metal tamperproof thermostat: 25A at 120V, 208V, 240V, 277V - 10A at 347V, 480V, 600V
KIT-ODB-TRIAC-347	TRIAC	Single-pole electronic relay, coil 24V, without transformer, 15A at 347V max.
KIT-ODB-TRIAC-347T	TRIACT	Single-pole electronic relay, coil 24V, with transformer, 15A at 208V, 240V, 347V
KIT-ODB-TRIAC-600	TRIAC	Single-pole electronic relay, coil 24V, without transformer, 6A at 600V max.

* 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 of 3-wire low voltage thermostats.

³ "Off" position.

⁴ For the U.S. only: The nominal current of the unit must not exceed 80% of the capacity of the disconnect.

