

# ODBA Steel Draft Barrier

# ODIA Steel Sloped Top Draft Barrier



With bottom fresh air inlet and pedestals

ODBA



With bottom fresh air inlet and pedestals

ODIA



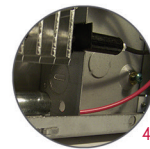
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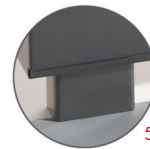
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3



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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.

### Voltage

- 120V, 208V, 240V/208V, 277V, 347V, 600V, 50/60 Hz, 1-phase.

### Construction

- 16-gauge steel front cover. 1
- 18-gauge satin coat steel cabinet.
- Screw assembly for added strength.
- Full length built-in wireway.
- Front fresh air inlet; top warm air outlet. 2
  - 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.
- Floating heating element on high-temperature nylon bushings reducing expansion noises. 4

### Watt density

- Average standard watt density of 275W/ft.
- Average low watt density of 100W/ft., 150W/ft., 200W/ft.

### Control

- Built-in thermostat available with a control knob or tamperproof.
- 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. 5

### Warranty

- 3-year warranty against defects.

### Application

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

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With bottom fresh air inlet and pedestals



## Average Standard Density Models 275W/ft.<sup>1</sup>

Watts	Product #				Watts 240/208V <sup>2</sup>	Product # 240/208V	Price	Length		Weight	
	120V	208V	347V	600V				in.	mm	lb	kg
500	ODBA0502	ODBA0508	ODBA0507	-	500/375	ODBA0500	383.00	28 7/8	733	10.5	4.8
750	ODBA0752	ODBA0758	ODBA0757	ODBA0756	750/563	ODBA0750	435.00	38 7/8	987	12.7	5.8
1000	ODBA1002	ODBA1008	ODBA1007	ODBA1006	1000/750	ODBA1000	497.00	49 1/8	1248	14.9	6.8
1250	ODBA1252	ODBA1258	ODBA1257	ODBA1256	1250/938	ODBA1250	559.00	58 5/8	1489	17.0	7.7
1500	ODBA1502	ODBA1508	ODBA1507	ODBA1506	1500/1125	ODBA1500	642.00	67 5/16	1710	18.8	8.5
1750	-	ODBA1758	ODBA1757	ODBA1756	1750/1313	ODBA1750	734.00	76 5/8	1947	20.8	9.4
2000	-	ODBA2008	ODBA2007	ODBA2006	2000/1500	ODBA2000	825.00	85 7/16	2170	22.7	10.3
2250	-	ODBA2258	ODBA2257	ODBA2256	2250/1688	ODBA2250	937.00	94 5/16	2395	24.6	11.2
2500	-	ODBA2508	ODBA2507	ODBA2506	2500/1875	ODBA2500	1066.00	103 7/16	2627	26.6	12.1

## Average Low Watt Density Models

Product # <sup>3</sup>	Price	Length	Weight	Average Density W/ft.	Watts	Watts 240/208V <sup>2</sup>	120V	208V	240/208V	347V	600V
ODBA020X-733	383.00	28 7/8" (733 mm)	10.5 lb (4.8 kg)	100	200	200/150	✓	✓	✓	-	-
ODBA030X-733				150	300	300/225	✓	✓	✓	-	-
ODBA040X-733 <sup>1</sup>				200	400	400/300	✓	✓	✓	✓	-
ODBA030X-987	435.00	38 7/8" (987 mm)	12.7 lb (5.8kg)	100	300	300/225	✓	✓	✓	✓	-
ODBA045X-987				150	450	450/338	✓	✓	✓	✓	-
ODBA060X-987 <sup>1</sup>				200	600	600/450	✓	✓	✓	✓	-
ODBA040X-1248	497.00	49 1/8" (1248 mm)	14.9 lb (6.8 kg)	100	400	400/300	✓	✓	✓	✓	-
ODBA060X-1248				150	600	600/450	✓	✓	✓	✓	-
ODBA080X-1248 <sup>1</sup>				200	800	800/600	✓	✓	✓	✓	✓
ODBA050X-1489	559.00	58 5/8" (1489 mm)	17.0 lb (7.7 kg)	100	500	500/375	✓	✓	✓	✓	-
ODBA075X-1489				150	750	750/563	✓	✓	✓	✓	✓
ODBA100X-1489 <sup>1</sup>				200	1000	1000/750	✓	✓	✓	✓	✓
ODBA060X-1710	642.00	67 5/16" (1710 mm)	18.8 lb (8.5 kg)	100	600	600/450	✓	✓	✓	✓	✓
ODBA090X-1710				150	900	900/675	✓	✓	✓	✓	✓
ODBA120X-1710 <sup>1</sup>				200	1200	1200/900	✓	✓	✓	✓	✓
ODBA070X-1947	734.00	76 5/8" (1947 mm)	20.8 lb (9.4 kg)	100	700	700/525	✓	✓	✓	✓	✓
ODBA105X-1947				150	1050	1050/788	✓	✓	✓	✓	✓
ODBA140X-1947 <sup>1</sup>				200	1400	1400/1050	✓	✓	✓	✓	✓
ODBA080X-2170	825.00	85 7/16" (2170 mm)	22.7 lb (10.3 kg)	100	800	800/600	✓	✓	✓	✓	✓
ODBA120X-2170				150	1200	1200/900	✓	✓	✓	✓	✓
ODBA160X-2170 <sup>1</sup>				200	1600	1600/1200	-	✓	✓	✓	✓
ODBA090X-2395	937.00	94 5/16" (2395 mm)	24.6 lb (11.2 kg)	100	900	900/675	✓	✓	✓	✓	✓
ODBA135X-2395				150	1350	1350/1013	-	✓	✓	✓	✓
ODBA180X-2395 <sup>1</sup>				200	1800	1800/1350	-	✓	✓	✓	✓
ODBA100X-2627	1066.00	103 7/16" (2627 mm)	26.6 lb (12.2 kg)	100	1000	1000/750	✓	✓	✓	✓	✓
ODBA150X-2627				150	1500	1500/1125	-	✓	✓	✓	✓
ODBA200X-2627 <sup>1</sup>				200	2000	2000/1500	-	✓	✓	✓	✓
ODBA225X-2627 <sup>1</sup>				200	2250	2250/1688	-	✓	✓	✓	✓

<sup>1</sup> Not for residential use in the United States.

<sup>2</sup> 208V = 75% of wattage at 240V.

<sup>3</sup> X = 2 (120V), 8 (208V), 0 (240/208V), 7 (347V), 6 (600V).

✓ = 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.

# ODBA

## Options

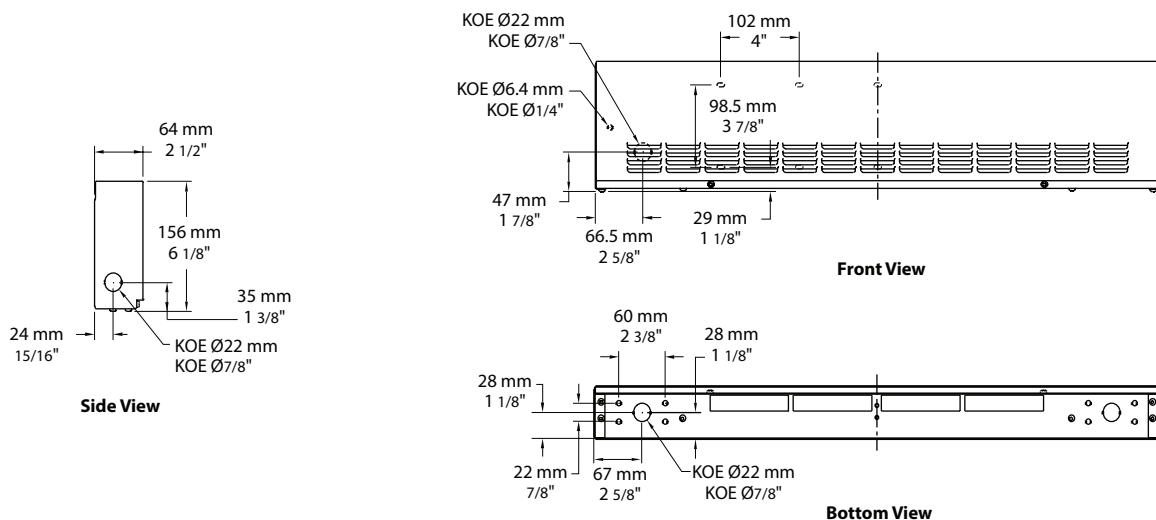
Product # Kit	Product # Factory installed*	Price	Description
<b>Finish</b>			
-	BAI	No Charge	Bottom fresh air inlet
-	BD	+10%	Clean back
KIT-ODBA-CE	-	362.00	Outside corner, 4 in. (102 mm)
KIT-ODBA-CI	-	362.00	Inside corner, 4 in. (102 mm)
KIT-ODBA-JT	-	108.00	Splice plate, 2 in. (51 mm)
KIT-ODBA-JT-PE	-	120.00	Contour splice plate for BD option and/or heater with pedestals, 2 in. (51 mm)
KIT-ODBA-PE	-	155.00	Round pedestal kit (2), 3 in. (76 mm)
KIT-ODBA-PEC	-	155.00	Square-shaped pedestal kit (2), 2 in. (51 mm)
ODBA-SV-XX	-	Upon Request	Empty cabinet length of XX mm (minimum: 154 mm, maximum: 2625 mm)
<b>Controls</b>			
KIT-ODBA-DIS20 <sup>3</sup>	DIS20 <sup>3</sup>	172.00	Disconnect switch, 20A at 277V max.
KIT-ODBA-DIS40 <sup>3</sup>	DIS40 <sup>3</sup>	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-ODBA-R-347	R	175.00	Single-pole relay, coil 24V, without transformer, 22A at 120V, 208V, 240V - 19A at 277V - 18A at 347V
KIT-ODBA-R-600	R	182.00	Single-pole relay, coil 24V, without transformer, 10A at 600V
KIT-ODBA-RT-120	RT	195.00	Single-pole relay, coil 24V, with transformer 120V/24V, 22A at 120V
KIT-ODBA-RT-208	RT	195.00	Single-pole relay, coil 24V, with transformer 208V/24V, 22A at 208V
KIT-ODBA-RT-240	RT	195.00	Single-pole relay, coil 24V, with transformer 240V/24V, 22A at 240V
KIT-ODBA-RT-277	RT	195.00	Single-pole relay, coil 24V, with transformer 277V/24V, 19A at 277V
KIT-ODBA-RT-347	RT	189.00	Single-pole relay, coil 24V, with transformer 347V/24V, 18A at 347V
KIT-ODBA-RT-600 <sup>1</sup>	RT <sup>1</sup>	195.00	Single-pole relay, coil 24V, with transformer 600V/24V, 10A at 600V (2-wire only)
KIT-ODBA-TB6	TB6	154.00	Single-pole bi-metal thermostat: 25A at 120V, 208V, 240V, 277V - 10A at 347V, 480V, 600V
KIT-ODBA-TB26 <sup>2</sup>	TB26 <sup>2</sup>	250.00	Double-pole bi-metal thermostat: 25A at 120V, 208V, 240V, 277V - 10A at 347V, 480V, 600V
KIT-ODBA-TB6-AV	TB6AV	154.00	Single-pole bi-metal tamperproof thermostat: 25A at 120V, 208V, 240V, 277V - 10A at 347V, 480V, 600V
KIT-ODBA-TB26-AV <sup>2</sup>	TB26AV <sup>2</sup>	250.00	Double-pole bi-metal tamperproof thermostat: 25A at 120V, 208V, 240V, 277V - 10A at 347V, 480V, 600V
KIT-ODBA-TRIAC-347	TRIAC	77.00	Single-pole electronic relay, coil 24V, without transformer, 15A max. at 347V max.
KIT-ODBA-TRIAC-347T	TRIAC <sup>T</sup>	105.00	Single-pole electronic relay, coil 24V, with transformer, 15A at 208V, 240V, 347V
KIT-ODBA-TRIAC-600	TRIAC	135.00	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.

<sup>1</sup> These 2-wire relays with transformer can't supply of 3-wire low voltage thermostats.

<sup>2</sup> "Off" position.

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



# ODIA Steel Sloped Top Draft Barrier



With bottom fresh air inlet and pedestals



## Average Standard Watt Density Models 275W/ft.<sup>1</sup>

Watts	Product #				Watts 240/208V <sup>2</sup>	Product # 240/208V	Price	Length		Weight	
	120V	208V	347V	600V				in.	mm	lb	kg
500	ODIA0502	ODIA0508	ODIA0507	-	500/375	ODIA0500	383.00	28 7/8	733	11.6	5.3
750	ODIA0752	ODIA0758	ODIA0757	ODIA0756	750/563	ODIA0750	435.00	38 7/8	987	15.1	6.9
1000	ODIA1002	ODIA1008	ODIA1007	ODIA1006	1000/750	ODIA1000	497.00	49 1/8	1248	18.7	8.5
1250	ODIA1252	ODIA1258	ODIA1257	ODIA1256	1250/938	ODIA1250	559.00	58 5/8	1489	22.0	10.0
1500	ODIA1502	ODIA1508	ODIA1507	ODIA1506	1500/1125	ODIA1500	642.00	67 5/16	1710	25.0	11.4
1750	-	ODIA1758	ODIA1757	ODIA1756	1750/1313	ODIA1750	734.00	76 5/8	1947	28.3	12.8
2000	-	ODIA2008	ODIA2007	ODIA2006	2000/1500	ODIA2000	825.00	85 7/16	2170	31.3	14.2
2250	-	ODIA2258	ODIA2257	ODIA2256	2250/1688	ODIA2250	937.00	94 5/16	2395	34.4	15.6
2500	-	ODIA2508	ODIA2507	ODIA2506	2500/1875	ODIA2500	936.00	103 7/16	2627	37.6	17.1

## Average Low Watt Density Models

Product # <sup>3</sup>	Price	Length	Weight	Average Density W/ft.	Watts	Watts 240/208V <sup>2</sup>	120V	208V	240/208V	347V	600V
ODIA020X-733	383.00	28 7/8" (733 mm)	11.6 lb (5.3 kg)	100	200	200/150	✓	✓	✓	-	-
ODIA030X-733				150	300	300/225	✓	✓	✓	-	-
ODIA040X-733 <sup>1</sup>				200	400	400/300	✓	✓	✓	✓	-
ODIA030X-987	435.00	38 7/8" (987 mm)	15.1 lb (6.9 kg)	100	300	300/225	✓	✓	✓	✓	-
ODIA045X-987				150	450	450/338	✓	✓	✓	✓	-
ODIA060X-987 <sup>1</sup>				200	600	600/450	✓	✓	✓	✓	-
ODIA040X-1248	497.00	49 1/8" (1248 mm)	18.7 lb (8.5 kg)	100	400	400/300	✓	✓	✓	✓	-
ODIA060X-1248				150	600	600/450	✓	✓	✓	✓	-
ODIA080X-1248 <sup>1</sup>				200	800	800/600	✓	✓	✓	✓	✓
ODIA050X-1489	559.00	58 5/8" (1489 mm)	22.0 lb (10.0 kg)	100	500	500/375	✓	✓	✓	✓	-
ODIA075X-1489				150	750	750/563	✓	✓	✓	✓	✓
ODIA100X-1489 <sup>1</sup>				200	1000	1000/750	✓	✓	✓	✓	✓
ODIA060X-1710	642.00	67 5/16" (1710 mm)	25.0 lb (11.4 kg)	100	600	600/450	✓	✓	✓	✓	✓
ODIA090X-1710				150	900	900/675	✓	✓	✓	✓	✓
ODIA120X-1710 <sup>1</sup>				200	1200	1200/900	✓	✓	✓	✓	✓
ODIA070X-1947	734.00	76 5/8" (1947 mm)	28.3 lb (12.8 kg)	100	700	700/525	✓	✓	✓	✓	✓
ODIA105X-1947				150	1050	1050/788	✓	✓	✓	✓	✓
ODIA140X-1947 <sup>1</sup>				200	1400	1400/1050	✓	✓	✓	✓	✓
ODIA080X-2170	825.00	85 7/16" (2170 mm)	31.3 lb (14.2 kg)	100	800	800/600	✓	✓	✓	✓	✓
ODIA120X-2170				150	1200	1200/900	✓	✓	✓	✓	✓
ODIA160X-2170 <sup>1</sup>				200	1600	1600/1200	✓	✓	✓	✓	✓
ODIA090X-2395	937.00	94 5/16" (2395 mm)	34.4 lb (15.6 kg)	100	900	900/675	✓	✓	✓	✓	✓
ODIA135X-2395				150	1350	1350/1013	-	✓	✓	✓	✓
ODIA180X-2395 <sup>1</sup>				200	1800	1800/1350	-	✓	✓	✓	✓
ODIA100X-2627	936.00	103 7/16" (2627 mm)	37.6 lb (17.6 kg)	100	1000	1000/750	✓	✓	✓	✓	✓
ODIA150X-2627				150	1500	1500/1125	-	✓	✓	✓	✓
ODIA200X-2627 <sup>1</sup>				200	2000	2000/1500	-	✓	✓	✓	✓
ODIA225X-2627 <sup>1</sup>				200	2250	2250/1688	-	✓	✓	✓	✓

<sup>1</sup> Not for residential use in the United States.

<sup>2</sup> 208V = 75% of wattage at 240V.

<sup>3</sup> X = 2 (120V), 8 (208V), 0 (240/208V), 7 (347V), 6 (600V).

✓ = 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.

# ODIA

## Options

Product # Kit	Product # Factory installed*	Price	Description
<b>Finish</b>			
-	BAI	No Charge	Bottom fresh air inlet
-	BD	+10%	Clean back
KIT-ODIA-CE	-	362.00	Outside corner, 4 in. (102 mm)
KIT-ODIA-CI	-	362.00	Inside corner, 4 in. (102 mm)
KIT-ODIA-JT	-	108.00	Splice plate, 2 in. (51 mm)
KIT-ODIA-JT-PE	-	120.00	Contour splice plate for BD option and/or heater with pedestals, 2 in. (51 mm)
KIT-ODIA-PE	-	155.00	Round pedestal kit (2), 3 in. (76 mm)
KIT-ODIA-PEC	-	155.00	Square-shaped pedestal kit (2), 2 in. (51 mm)
ODIA-SV-XX	-	Upon Request	Empty cabinet length of XX mm (minimum: 154 mm, maximum: 2625 mm)
<b>Controls</b>			
KIT-ODIA-DIS20 <sup>3</sup>	DIS20 <sup>3</sup>	172.00	Disconnect switch, 20A at 277V max.
KIT-ODIA-DIS40 <sup>3</sup>	DIS40 <sup>3</sup>	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-ODIA-R-347	R	175.00	Single-pole relay, coil 24V, without transformer, 22A at 120V, 208V, 240V - 19A at 277V - 18A at 347V
KIT-ODIA-R-600	R	182.00	Single-pole relay, coil 24V, without transformer, 10A at 600V
KIT-ODIA-RT-120	RT	195.00	Single-pole relay, coil 24V, with transformer 120V/24V, 22A at 120V
KIT-ODIA-RT-208	RT	195.00	Single-pole relay, coil 24V, with transformer 208V/24V, 22A at 208V
KIT-ODIA-RT-240	RT	195.00	Single-pole relay, coil 24V, with transformer 240V/24V, 22A at 240V
KIT-ODIA-RT-277	RT	195.00	Single-pole relay, coil 24V, with transformer 277V/24V, 19A at 277V
KIT-ODIA-RT-347	RT	189.00	Single-pole relay, coil 24V, with transformer 347V/24V, 18A at 347V
KIT-ODIA-RT-600 <sup>1</sup>	RT <sup>1</sup>	195.00	Single-pole relay, coil 24V, with transformer 600V/24V, 10A at 600V (2-wire only)
KIT-ODIA-TB6	TB6	154.00	Single-pole bi-metal thermostat: 25A at 120V, 208V, 240V, 277V - 10A at 347V, 480V, 600V
KIT-ODIA-TB26 <sup>2</sup>	TB26 <sup>2</sup>	250.00	Double-pole bi-metal thermostat: 25A at 120V, 208V, 240V, 277V - 10A at 347V, 480V, 600V
KIT-ODIA-TB6-AV	TB6AV	154.00	Single-pole bi-metal tamperproof thermostat: 25A at 120V, 208V, 240V, 277V - 10A at 347V, 480V, 600V
KIT-ODIA-TB26-AV <sup>2</sup>	TB26AV <sup>2</sup>	250.00	Double-pole bi-metal tamperproof thermostat: 25A at 120V, 208V, 240V, 277V - 10A at 347V, 480V, 600V
KIT-ODIA-TRIAC-347	TRIAC	77.00	Single-pole electronic relay, coil 24V, without transformer, 15A at 347V max.
KIT-ODIA-TRIAC-347T	TRIAC T	105.00	Single-pole electronic relay, coil 24V, with transformer, 15A at 208V, 240V, 347V
KIT-ODIA-TRIAC-600	TRIAC	135.00	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.

<sup>1</sup> These 2-wire relays with transformer can't supply of 3-wire low voltage thermostats.

<sup>2</sup> "Off" position.

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

