

BDBSL SERIES DRAFT BARRIER CONVECTOR



IDEAL SPACES

- Offices
- Hallways
- Lobbies
- Conference Rooms
- Retail
- Other Areas with Floor-to-Ceiling Windows

COLORS

- Neutral Gray
- Charcoal Gray
- Navajo White
- Northern White
- Statuary Bronze
- Desert Tan
- Black
- Custom Colors
- Baked Enamel and Anodized Finishes Available

DIMENSIONS

- 4"H x 2-5/8"D (length varies)



- Ideal for elegant, supplemental comfort under windows for heat loss and condensation prevention
- Unique two-piece extruded aluminum "Snap-Lock" closure design secures the one-piece top and front grilles to the one-piece back and bottom providing a rapid, secure fit all along the length of the unit
- Front/bottom inlet air grille utilizes slots which create an attractive installation where inlet grille is visible
- Unit comes standard with rear knockouts and unpainted back. Optional custom-painted backs and rear knockout options are available
- Blend into any décor with custom paint and anodizing upon request
- Units can be mounted on floor, wall, or pedestals
- Customize space with wall-to-wall installation, or as discrete units in standard lengths of 2-10 ft.
- Single or multiple heat decks are available upon request to accommodate a multitude of spaces
- Units are available in a wide range of heating capacities per foot length (see specification charts)
- Inside and outside corners can be ordered factory-cut and mitered to fit difficult or unusual spaces
- Architectural-style end sections give a finished look when used as a stand-alone or where a wall-to-wall run is not desired
- Full line of trim accessories, including matching blank sections, end caps, filler sections, inside and outside corners, diagonal end sections, and splice plates
- Optional built-in controls include: line-voltage thermostat; two-stage thermostat; on/off switch; transformer relay; power relay and pneumatic/switch
- Right -or left-hand entry and built-in wire way (equivalent to 1/2 in. conduit) with factory-installed wiring
- Easy connection of supply wiring from bottom, rear or end, as well as multiple wiring of adjacent heaters from one entry point
- Thermal limit switch with linear type (full length) sensing bulb provides constant protection against overheating from any cause
- Switch will automatically reset when normal operating temperatures are restored
- Discharge air openings in top grille are punched slots which are pencil-proof for safety

BDBSL SERIES

DRAFT BARRIER CONVECTOR

MODELS & SPECIFICATIONS				
CATALOG NO.	LENGTH (FT)	VOLTS	WATTS/FT. OPTIONS	SHIP WT. (LBS)
BDBSL024	2	120	188	8
		208	150; 188	
		220	125	
		240	150; 188	
		277	188	
BDBSL028	2.3	120	100; 125; 150; 188	8
		208	100; 125; 150; 188	
		220	100; 125; 188	
		240	100; 125; 150; 188	
		277	125; 150; 188	
BDBSL03	3	120	100; 125; 150; 188	10
		208	100; 125; 150; 188	
		220	100; 125	
		240	100; 125; 150; 188	
		277	100; 125; 150; 188	
		347	125; 150; 188	
BDBSL04	4	120	100; 125; 150; 188	13
		208	100; 125; 150; 188	
		220	100; 125; 150; 188	
		240	100; 125; 150; 188	
		277	100; 125; 150; 188	
		347	100; 125; 150; 188	
		600	188	
BDBSL05	5	120	100; 125; 150; 188	17
		208	100; 125; 150; 188	
		220	100; 125; 150	
		240	100; 125; 150; 188	
		277	100; 125; 150; 188	
		347	125; 150; 188	
		600	125; 150; 188	
BDBSL06	6	120	100; 125; 150; 188	20
		208	100; 125; 150; 188	
		220	100; 125; 150	
		240	100; 125; 150; 188	
		277	100; 125; 150; 188	
		347	125; 150; 188	
		600	100; 125; 150; 188	

NOTE: Additional cabinet sizes available up to 12 ft. length. Backs are provided standard with no finish. For finished backs, add 10% to list price. Knockouts on back omitted by request only. All models are non-stock, made-to-order. Consult sales representative for more information on specs and lead times.

BLANK SECTIONS & ACCESSORIES		
CATALOG NO. (See Note below)	DIMENSIONS W x H x L	SHIP WT. (LBS)
SLDBS1B	2-5/8" x 4" x 1'	4
SLDBS2B	2-5/8" x 4" x 28"	7
SLDBS3B	2-5/8" x 4" x 3'	9
SLDBS4B	2-5/8" x 4" x 4'	12
SLDBS5B	2-5/8" x 4" x 5'	16
SLDBS6B	2-5/8" x 4" x 6'	19

NOTE: Blank section grilles are not punched unless requested. Additional sections available for cabinets up to 12 ft. length.

BLANK SECTIONS & ACCESSORIES			
CATALOG NO.*	DESCRIPTION	ADD'TL WALL SPACE REQUIRED (IN)	SHIP WT. (LBS)
SLDECL	End Cap - Left	1/8	1
SLDECR	End Cap - Right	1/8	1
SLDICF	Inside Corner-Front In	8 - 1/2	5
SLDICB	Inside Corner-Bottom In	8 - 1/2	5
SLDOCF	Outside Corner-Front In	5	4
SLDOCB	Outside Corner-Bottom In	5	4
SLDDESBL	Dec. End Section-Bot. In, Left	9 - 9/64	5
SLDDESBR	Dec. End Section-Bot. In, Right	9 - 9/64	5
SLDDESFL	Dec. End Section-Fnt. In, Left	9 - 9/64	4
SLDDESFR	Dec. End Section-Fnt. In, Right	9 - 9/64	4
SLDSP	Splice Plate	0 - 1/4	1
SLDFL3	Filler Section 3 in.	0 - 3	1
SLDFL6	Filler Section 6 in.	3 - 6	1
SLDFL9	Filler Section 9 in.	6 - 9	1
SLDFL12	Filler Section 12 in.	9 - 12	1
SLDFL18	Filler Section 18 in.	12 - 18	1.5
SLDFL24	Filler Section 24 in.	18 - 24	1.5
SLDDRF	Receptacle Section-Fnt. In	4 - 1/2	1.5
SLDDRB	Receptacle Section-Bot. In	4 - 1/2	1.5
SLDPEF	Pneu/Ele Sw-Fnt. In	4 - 1/2	2
SLDPEB	Pneu/Ele Sw-Bot. In	4 - 1/2	2
SLDPK3A**	Architectural Pedestal	-	2
SO1A	Stand-Off Bracket	-	1

NOTE: *Add suffix -P for painted, -C for clear anodized, -B for bronze anodized.
**One pedestal. Two pedestals required on units up to 10 ft. and three required on units over 10 ft.

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For Technical Services, Call 800-642-4328

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OPTIONAL BUILT-IN CONTROLS		
SUFFIX ADDITION TO CATALOG NO. (SEE NOTE D)	OPTIONAL BUILT-IN CONTROLS	RATINGS & DESCRIPTIONS
T	Single-Pole Thermostat	Rated 24 amps @ 120-240 VAC and 22 amps @ 277 VAC. Pilot duty rating of 125 VA (all voltages). 60-120°F temperature range; adjustable through outlet grille-tamper-resistant. (See Note B) Not available on three-phase heaters.
DS	Power On/Off Switch	Double-pole, rated 20 amp @ 120-277 VAC. (See Note A) For three-phase heaters and single-phase heaters over 20 amps specify two.
2ST	2-Stage Thermostat	Rated 24 amps @ 120-240 VAC and 22 amps @ 277 VAC. Pilot duty rating of 125 VA (all voltages). 60-120°F temperature range, adjustable through outlet grille-tamper-resistant. Available on 2- or 3-element, single-phase heaters only.

NOTES:

- A: For single-phase loads over 20A, specify (2) power on/off switches.
- B: This control option is not available on single-phase heaters over 24 amps (22 amps on 277 VAC).
- C: Specify holding coil voltage where applicable.



Bottom inlet unit is only 2-5/8 in. wide by 4 in. tall. Can be mounted to wall (3 in. above floor) or in front of window mounted on pedestals.



Hollow pedestals are 3 in. tall and allow concealed wiring access when stubbed through concrete floors.

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HOW TO ORDER CONVECTION HEATERS – BDBSL											
PRODUCT	NOMINAL UNIT LENGTH (FT)	WATTS/FT	INLET	VOLTAGE	LAYOUT	FRONT/BACK PAINT	OPTIONS	CONTROL LOCATION	THERMOSTAT	DISCONNECT SWITCH	DWO
BDBSL	12	188	B	24	S	GG	3	R	T	D	D

Convection Heater

01 = 2 ft. 06 = 6 ft.
 02 = 2.3 ft. 07 = 7 ft.
 03 = 3 ft. 08 = 8 ft.
 04 = 4 ft. 09 = 9 ft.
 05 = 5 ft. 10 = 10 ft.

100 150
 125 188

B = Bottom Inlet Air Configuration Only

12 = 120V 27 = 270V
 20 = 208V 34 = 347V
 22 = 220V 60 = 600V
 24 = 240V

S = Standard: Heat deck locations determined by the factory
 C = Custom: Heat deck locations determined by the representative using custom layout form. Control locations must be accounted for in layout (see control location notes)

M = Mill	B = Black	T = Desert Tan
C = Clear Anodized	P = Navajo White	W = Northern White
Z = Bronze Anodized	A = Aluminum	U = Custom (Requires DWO)
K = Black Anodized	S = Statuary Bronze	
G = Charcoal Gray	N = Neutral Gray	

0 = None
 D = DWO (Designated Work Order for custom finishes, controls, etc.)

0 = None
 D = (1) two-pole switch

0 = None
 T = Single-Pole

L = Left
 R = Right

Due to space constraints the disconnect switch and thermostat must always be mounted on the opposite side of all other controls. Control location and incoming power connection is determined by the location of the disconnect switch and thermostat when facing the unit.

0 = None
 1 = Pedestals
 2 = End Caps
 3 = Both

End caps (2) will have the same finish as front cover. Pedestal quantity will vary based on length of unit. All options will ship in same carton as the unit.