

## 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; 250	
		277	188; 250	
BDBSL028	2.3	120	100; 125; 150; 188; 250	8
		208	100; 125; 150; 188; 250	
		220	100; 125; 188	
		240	100; 125; 150; 188; 250	
		277	125; 150; 188; 250	
		347	250	
BDBSL03	3	120	100; 125; 150; 188; 250	10
		208	100; 125; 150; 188; 250	
		220	100; 125; 250	
		240	100; 125; 150; 188; 250	
		277	100; 125; 150; 188; 250	
		347	125; 150; 188; 250	
BDBSL04	4	120	100; 125; 150; 188; 250	13
		208	100; 125; 150; 188; 250	
		220	100; 125; 150; 188; 250	
		240	100; 125; 150; 188; 250	
		277	100; 125; 150; 188; 250	
		347	100; 125; 150; 188; 250	
		600	188; 250	
BDBSL05	5	120	100; 125; 150; 188; 250	17
		208	100; 125; 150; 188; 250	
		220	100; 125; 150; 250	
		240	100; 125; 150; 188; 250	
		277	100; 125; 150; 188; 250	
		347	125; 150; 188; 250	
		600	125; 150; 188; 250	
		BDBSL06	6	
208	100; 125; 150; 188; 250			
220	100; 125; 150; 250			
240	100; 125; 150; 188; 250			
277	100; 125; 150; 188; 250			
347	125; 150; 188; 250			
600	100; 125; 150; 188; 250			

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'T'L 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
SLDDRFB	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.

