

DBSL SERIES

SLIMLINE ALUMINUM CONVECTOR

MADE TO ORDER



IDEAL SPACES

- Offices
- Hallways
- Lobbies
- Conference Rooms
- Condos
- Retail
- Other Areas with Floor-to-Ceiling Windows
- Approved for residential applications

COLORS

- Beige
- Charcoal Gray
- White
- Aluminum
- Bronze
- Black
- Custom Colors

DIMENSIONS

- 6"H x 2-3/4"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
- 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.
- 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
- Discharge air openings in top grille are punched slots which are pencil-proof for safety



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For Technical Services, Call 800-642-4328

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MODELS & SPECIFICATIONS				
CATALOG NO.	LENGTH (FT)	VOLTS	WATTS/FT. OPTIONS	SHIP WT. (LBS)
DBSL01	2	120	188	8
		208	150; 188	
		220	125	
		240	150; 188; 250	
		277	188; 250	
DBSL02	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	
DBSL03	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	
DBSL04	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	
DBSL05	5	600	188; 250	17
		120	100; 125; 150; 188; 250	
		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	
DBSL06	6	600	125; 150; 188; 250	20
		120	100; 125; 150; 188; 250	
		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	

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	INLET	SHIP WT. (LBS)
SLCBS1F	2-3/4" x 6" x 1'	Front	4
SLCBS1B		Bottom	
SLCBS2F	2-3/4" x 6" x 28"	Front	7
SLCBS2B		Bottom	
SLCBS3F	2-3/4" x 6" x 3'	Front	9
SLCBS3B		Bottom	
SLCBS4F	2-3/4" x 6" x 4'	Front	12
SLCBS4B		Bottom	
SLCBS5F	2-3/4" x 6" x 5'	Front	16
SLCBS5B		Bottom	
SLCBS6F	2-3/4" x 6" x 6'	Front	19
SLCBS6B		Bottom	

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'L WALL SPACE REQUIRED (IN)	SHIP WT. (LBS)
SLCECL	End Cap - Left	1/8	1
SLCECR	End Cap - Right	1/8	1
SLCICF	Inside Corner-Front In	8 - 1/2	5
SLCICB	Inside Corner-Bottom In	8 - 1/2	5
SLCOCF	Outside Corner-Front In	5	4
SLCOCB	Outside Corner-Bottom In	5	4
SLCDESBL	Dec. End Section-Bot. In, Left	9 - 9/64	5
SLCDESBR	Dec. End Section-Bot. In, Right	9 - 9/64	5
SLCDESFL	Dec. End Section-Fnt. In, Left	9 - 9/64	4
SLCDESFR	Dec. End Section-Fnt. In, Right	9 - 9/64	4
SLCSP	Splice Plate	0 - 1/4	1
SLCFL3	Filler Section 3 in.	0 - 3	1
SLCFL6	Filler Section 6 in.	3 - 6	1
SLCFL9	Filler Section 9 in.	6 - 9	1
SLCFL12	Filler Section 12 in.	9 - 12	1
SLCFL18	Filler Section 18 in.	12 - 18	1.5
SLCFL24	Filler Section 24 in.	18 - 24	1.5
SLCDRF	Receptacle Section-Fnt. In	4 - 1/2	1.5
SLCDRB	Receptacle Section-Bot. In	4 - 1/2	1.5
SLCPEF	Pneu/Ele Sw-Fnt. In	4 - 1/2	2
SLCPEB	Pneu/Ele Sw-Bot. In	4 - 1/2	2
SLCPK3A**	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.

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)
2T	Double-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 for amperage restrictions)
DS	Power On/Off Switch	Double-pole, rated 20 amp @ 120-277 VAC. (See Note A.) For heaters over 20 amps specify two
TR*	Transformer Relay	Single-pole, low voltage relay with built-in transformer (24 VAC control), rated 25 amps @ 120-240 VAC and 22 amps @ 277 VAC. (See Note E and F) 17 amps @ 347V. Not available for three-phase heaters
PR	Power Relay	Single-pole magnetic relay, rated 25 amps @ 120-600 VAC. (See Note E). Specify control voltage
PE*	Pneumatic / Electric	Pressure set-point @ 10 PSIG adjustable to 30 PSIG. Can be set to "make" or "break" on pressure drop
	Switch	Rated 25 amps @ 120-277 VAC. (See Note F)
PDT	Single-Pole Thermostat	Same as -T except Pilot Duty. (See Note C)
R*	Receptacle	For built-in or as installed in a control section

NOTES:

* Will add 4 in. to length of heater.

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).

In combination with the power on/off switch option use the 2T thermostat option on heaters over 20 amps.

C: Requires PR or TR.

D: Up to 30 power relays in different heaters can be controlled by each stage of a two-stage pilot duty thermostat.

E: Two relays are required on single-phase heaters over 20 amps with a disconnect switch, over 25 amps without a disconnect switch.

F: For DBSL Series the TR (transformer relay) R (Duplex Receptacle) PE (Pneumatic switch) will be installed in separate 4 in. long internal control boxes.



Bottom inlet unit is only 2-3/4 in. wide by 6 in. tall. Can be mounted to wall (3 in. above floor) or in front of window mounted on pedestals.



Front inlet unit is only 2-3/4 in. wide by 6 in. tall. Can be mounted to wall or directly to floor.



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 – DBSL SERIES

PRODUCT	NOMINAL UNIT LENGTH (FT)	WATTS/FT	INLET	VOLTAGE	LAYOUT	FRONT/BACK PAINT	OPTIONS	CONTROL LOCATION	THERMOSTAT	DISCONNECT SWITCH	POWER RELAY	TRANSFORMER RELAY	DUPLEX RECEPTICAL	PNEUMATIC SWITCH	DWO
DBSL	12	250	F	20	C	BB	3	R	T	D	0	X	0	0	D

Convection Heater

01 = 2 ft. 07 = 7 ft.
 02 = 2.3 ft. 08 = 8 ft.
 03 = 3 ft. 09 = 9 ft.
 04 = 4 ft. 10 = 10 ft.
 05 = 5 ft. 11 = 11 ft.
 06 = 6 ft. 12 = 12 ft.

100
 125 188
 150 250

F = Front Inlet Air Configuration
 (also equals dual inlet)
 B = Bottom Inlet Air Configuration

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

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

0 = None End caps (2) will have the same finish
 1 = Pedestals as front cover. Pedestal quantity will vary
 2 = End Caps based on length of unit. All options will
 3 = Both ship in same carton as the unit.

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

0 = None
 U = Pneumatic Switch (requires DWO)*
 *Adds 4 in. to length of unit

0 = None
 R = Duplex Receptacle*
 *Adds 4 in. to length of unit

0 = None
 X = Transformer Relay*
 *Provides 24VAC power for external wall thermostat.
 Adds 4 in. to length of unit

0 = None
 L = Line voltage coil (same as heater voltage)
 1 = 120VAC holding coil
 2 = 24VAC holding coil
 Note: Power relay requires external voltage

0 = None
 D = (1) two-pole switch
 C = (2) two pole switches (requires DWO)

0 = None
 T = Single-Pole
 S = Double Pole
 P = Pilot Duty (requires PR or TR)

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.