

## Architectural Convector Sample Specification

Electric convectors shall be architectural series by Brasch Manufacturing Co., Inc. as scheduled:

Series Description	Height By Depth
DBF—Draft Barrier (front inlet)	6" x 3 1/2"
DBT—Draft barrier (bottom inlet)	6" x 3 1/2"
DBTS—Draft barrier (bottom inlet)	4" x 2 5/8"
CB—Draft barrier (bottom inlet)	4 1/2" x 2 5/8"
DBCF—Draft barrier (front inlet)	7" x 5"
DBCT—Draft barrier (bottom inlet)	7" x 5"
ASHDB—Sill Height (bottom inlet)	8" - 20" x 5 1/2"
RDBT-PD Rounded Pedestal (bottom inlet)	6" x 7"

**Draft barrier** shall be fabricated of aluminum extrusions with 1/4" pencil-proof louvers at a 15° angle for improved convection and cleaner operation. Cabinets to have clean square corners, suitable for front or bottom intake and heating at watts per foot as scheduled.

Sill height convectors shall be fabricated of 16 gauge furniture steel with 14 gauge extruded aluminum, pencil-proof louvers installed at a 15° angle for improved convection and cleaner operation.

Enclosure covers, louvers and end caps will snap-fit together without screws or fasteners for easy maintenance. Wall-mounted units shall have pre-punched slots for quick installation. Pedestal and

mullion-to-mullion units to have solid finished backs without slots. Standard backed acrylic bronze or optional painted or anodized finish will be provided in architectural colors as scheduled.

Provide full length linear thermal cutout with automatic reset on all units to prevent overheating from blocked airflow. Provide built-in EMT raceway with factory wiring and 3/4" knockouts on side and rear of junction boxes at each end. (Not on CB or DBTS Models) Heater to accept field wiring at either end when optional controls are not included. Blank sections shall be fully enclosed for branch circuit wiring. Heating elements shall be aluminum sheath with mechanically bonded fins to maximize heat transfer and limit temperatures to 330°F.

Elements shall be centered in free-floating nylon bushings for quiet operation. Per schedule, controls include single or double pole thermostats, disconnect switches, and relays. Thermostats shall be adjustable (tamperproof) through discharge louver. Separate control sections shall include factory mounted PE switches, mercury contactors, circuit breakers and control transformers (as scheduled).

Accessories shall include end caps, wall trim, splice plates, inside and outside corners, and blank sections of matching material for visual continuity.

All heaters and controls shall be listed by ETL Semko and are warranted for one year from date of sale.