

# SUBMITTAL SHEET

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## BOTTOM CONTROL ENCLOSURES

### PRODUCT FEATURES

- AHRI 880 certified / ETL listed.
- Integral sound attenuator reduces discharge sound levels and provides uniform airflow profile across electric heating coil elements.
- Electric coil includes as standard: nickel-chrome elements, auto reset primary thermal cutout, manual reset secondary thermal cutout, air proving switch, 24vac class II transformer as required, PE switch or magnetic de-energizing contactor per step

Optional: Supply Power  120v,1ø  208v,1ø  240v,1ø  
 277v,1ø  208v,3ø  480v,3ø

- Door interlocking disconnect switch, non-fused
- Power fusing (fuses & fuse blocks)
- Primary fusing for transformer
- Magnetic disconnecting contactor
- SCR modulating controller

- 22 gauge zinc-coated steel, low leakage casing construction sealed to limit leakage to <1% of max rated flow at 3" w.g. static pressure.

Optional:

- 20 gauge construction  Ultra Lo-Leak construction

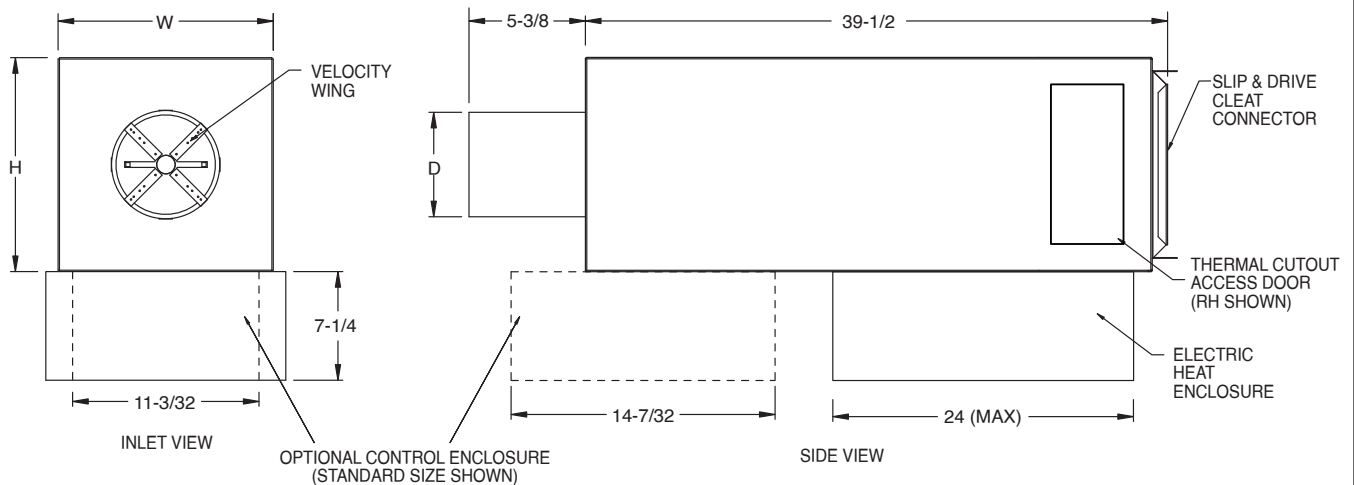
- 1/2" dual density insulation (NFPA 90A, UL 181).

Optional:

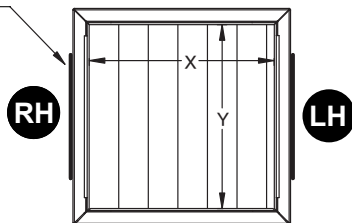
- 1" dual density glass fiber insulation
- 1/2"  1" foil faced glass fiber insulation - metal taped edges (ASTM C665)

- 1" Fibre-Lok insulating system – foil faced insulation with steel encapsulated edges (ASTM C665)
- Double wall construction (1/2" insulation is standard)
- Lo-Temp casing construction
- 3/8" fiber free closed cell foam insulation (NFPA255, UL181)
- No insulation

- 90° inlet damper with leak resistant perimeter seal limiting leakage to <1% of max rated flow at 3" w.g. inlet static pressure.
- Multi-Point center averaging Velocity Wing air flow sensor for accuracy to ± 5% of design flow.  Optional flow taps / tees.
- Slip & drive cleat discharge connection.
- Optional Accessories:
  - Unit mounting brackets (field installed)
  - Std. Control enclosure  Screw attached cover  Hinged front cover
  - Large control enclosure  Screw attached cover
- Control System  Electronic Analog  Digital  Pneumatic  Electric  None – No controls
- Control Package \_\_\_\_\_  Field Installed Controls



ACCESS PLATE ON ONE SIDE FOR THERMAL CUTOUT RESET - SPECIFY LH OR RH (ALLOW 5" CLEARANCE)



Unit Size	Airflow Range (CFM)	Inlet Dia D	W	H	X	Y	E	Approx Weight, Lbs
05	0 - 290	4-7/8	10	10	8-3/4	8-3/4	12	32
06	0 - 470	5-7/8	10	10	8-3/4	8-3/4	12	32
07	0 - 615	6-7/8	12	10	10-3/4	8-3/4	12	35
08	0 - 870	7-7/8	12	10	10-3/4	8-3/4	12	35
09	0 - 1100	8-7/8	14	12-1/2	12-3/4	11-1/4	12-1/2	42
10	0 - 1355	9-7/8	14	12-1/2	12-3/4	11-1/4	12-1/2	42
12	0 - 1800	11-7/8	16	15	14-3/4	13-3/4	15	47
14	0 - 2470	13-7/8	20	17-1/2	18-3/4	16-1/4	17-1/2	55
16	0 - 3370	15-7/8	24	17-1/2	22-3/4	16-1/4	17-1/2	61

**NOTES:**

- MINIMUM 70 CFM PER KW REQUIRED DURING HEATING
- MINIMUM OF .10" DOWNSTREAM DUCT PRESSURE REQ'D TO CLOSE AIRFLOW SWITCH
- AIRFLOW RANGE BASED ON AIR FLOW SENSOR  $dp=1.00"$ . REFER TO CONTROLLER SPECIFICATIONS FOR CAPABILITIES.

All dimensions are in inches.

JOB NAME:

SUBMITTED BY:

