

SUBMITTAL SHEET

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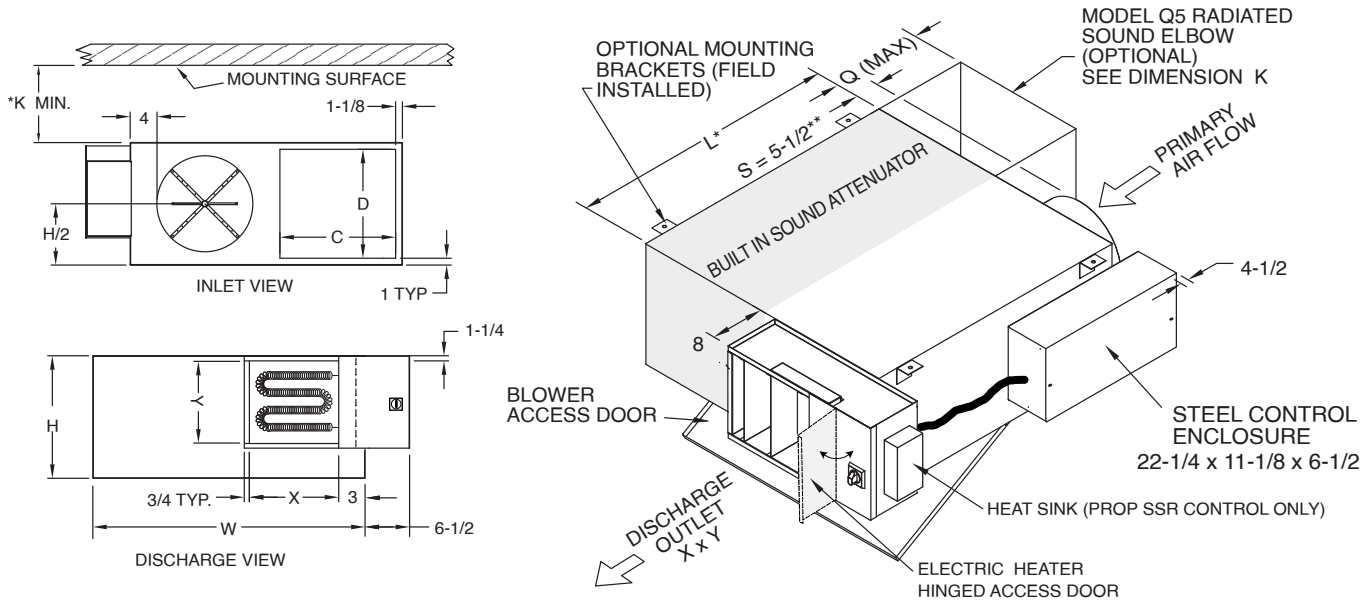
 Model **ESTE**
ENERGY SMART
**SERIES FAN POWERED AIR TERMINAL
 WITH INTEGRAL ELECTRIC HEAT**
LEFT HAND CONTROLS
PRODUCT FEATURES

- AHRI 880 certified / ETL listed (UL 1995).
- Integral sound attenuator.
- Optional: Q5 Induction Port Sound Elbow
- Single point electrical connection.
- Swing-down blower access panel (6" vertical clearance for removal, 30" for 90 degree swing)
- Steel control enclosure Screw attached cover Hinged front cover
- High-efficiency, Energy Saving EC motor.
- Solid state speed controls for stand alone operation or BAS integration.
- Rigid 20 gauge zinc-coated steel construction.
- 1" dual density insulation (NFPA 90A & UL 181).
- Optional:
 - 1/2" 1" foil-faced glass fiber insulation
 – metal taped edges (ASTM C665)
 - Double wall construction (22 gauge steel & 1/2" insulation is standard)
 - Lo-Temp casing construction (1" Insulation is standard)
 - 3/8" fiber-less 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

- Accepts flanged discharge duct connection.
- Left hand control and heater cabinet position.
- Electric coil includes: Nickel-chrome resistance wire, auto reset primary thermal cutout, air flow switch, unfused 24vac Class II transformer as required, PE switch or magnetic de-energizing contactor per step.
- Optional: Supply Power 120v,1ø 240v,1ø 277v,1ø
 208v,3ø 480v,3ø (4 wire WYE standard)
- Door interlocking disconnect switch, non-fused
- Power fusing (fuses & fuse blocks)
- Manual reset secondary thermal cutout (load carrying)
- SCR Proportional Control Step Control (1,2, or 3 steps)
- Optional Accessories:
 - Filter rack and T/A Filter 1" 2" 4"
 - < Merv 4 Merv 8 Merv 13
 - Unit mounting brackets (field installed)
- Control System - Direct Digital, Analog Electronic, Pneumatic, or Field Installed

Notes:

- Weights are an estimation and will vary based on selection options, insulation type, etc.
- Add 1" to L dimension and **reduce dimension S to 4 1/2" for double wall and low temperature option.
- * K dimension required with optional Q5 sound elbow



All dimensions are in inches.

UNIT SIZE	MOTOR H.P.	INLET DIA	HEIGHT H	WIDTH W	LENGTH L	K MIN	Q	DISCHARGE		INDUCTION		EST WT, LBS
								X	Y	C	D	
ESTE-17	1/6	05 - 08	18	32	36	6	18	11-1/2	11	12	16	142
ESTE-33	1/3	05 - 10										146
ESTE-50	1/2	05 - 14	18	40	40	6	18	14	12	17	16	162
ESTE-75	3/4	05 - 14	20	48	48	8	20	19	16	21	18	217
ESTE-10	1	05 - 16										224


JOB NAME:
SUBMITTED BY:



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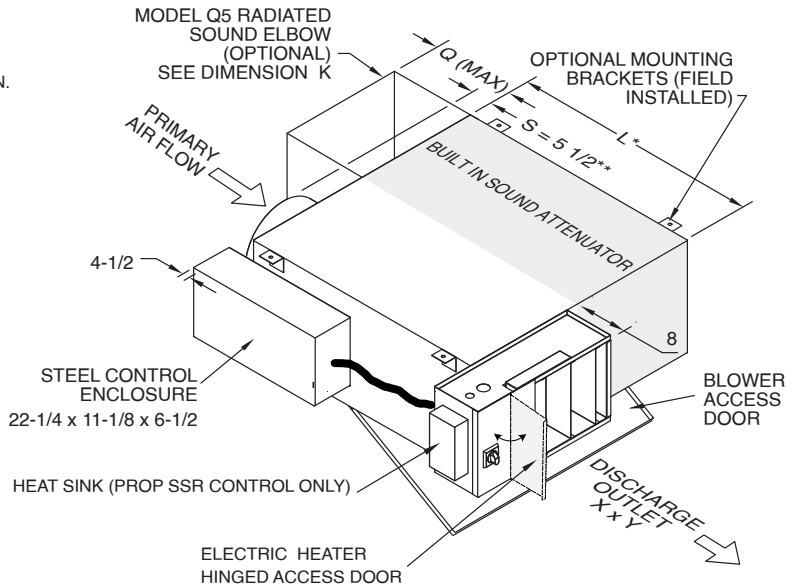
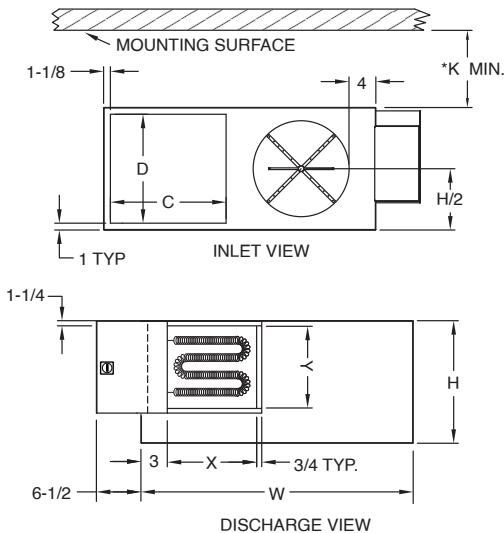
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