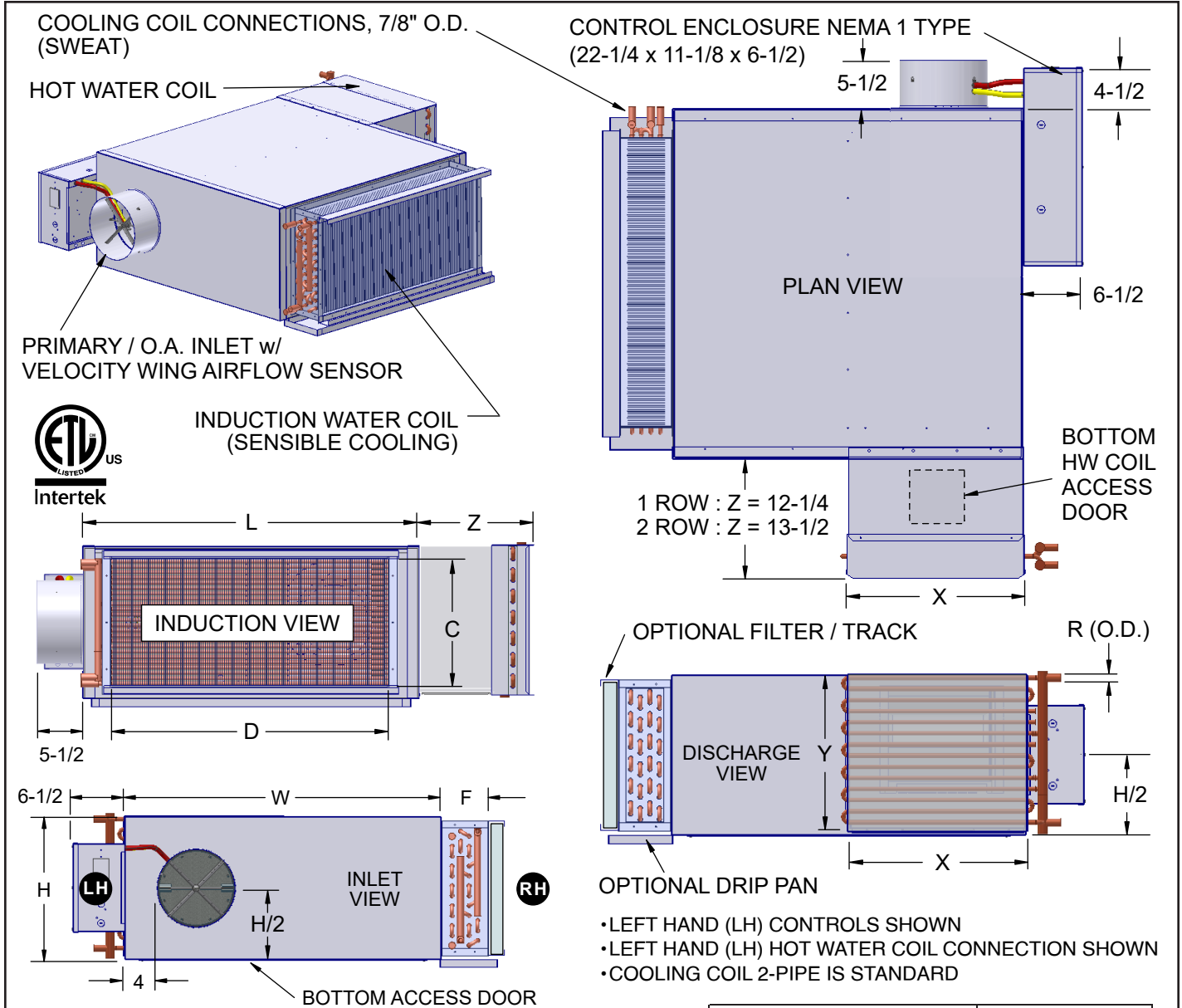


SUBMITTAL SHEET

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Model **ESTW**
Energy Smart Fan Terminal
Sensible Cooling Coil for Dedicated
Outdoor Air Systems (DOAS)
Hot Water Coil @ Discharge
LEFT HAND CONTROLS



Unit Size	Motor H.P.	Outside Air Inlet Dia	Height H	Width W	Length L	Induction Coil (Sensible Cooling)						Hot Water Coil			
						Discharge Duct		Induction			F			R = Coil Conn, O.D.	
						X	Y	C	D	2 Row	4 Row	6 Row	1 Row	2 Row	
17	1/6	5, 6, 7, 8, 9, 10	18	32	36	16	15	15	31	4	6	8	7/8	1/2	
33	1/3	5, 6, 7, 8, 9, 10	18	32	36	20	17-1/2	15	31	4	6	8	7/8	7/8	
50	1/2	5, 6, 7, 8, 9, 10, 12, 14	18	40	40	20	17-1/2	15	35	4	6	8	7/8	7/8	
75	3/4	5, 6, 7, 8, 9, 10, 12, 14	20	48	48	24	17-1/2	17-1/2	43	4	6	8	7/8	7/8	
10	1	5, 6, 7, 8, 9, 10, 12, 14, 16	20	48	48	24	17-1/2	17-1/2	43	4	6	8	7/8	7/8	

All dimensions are in inches.

JOB NAME:

SUBMITTED BY:



Model **ESTW**

Energy Smart Fan Terminal

**with Sensible Cooling Coil for
Dedicated Outdoor Air Systems (DOAS)**

Hot Water Coil @ Discharge

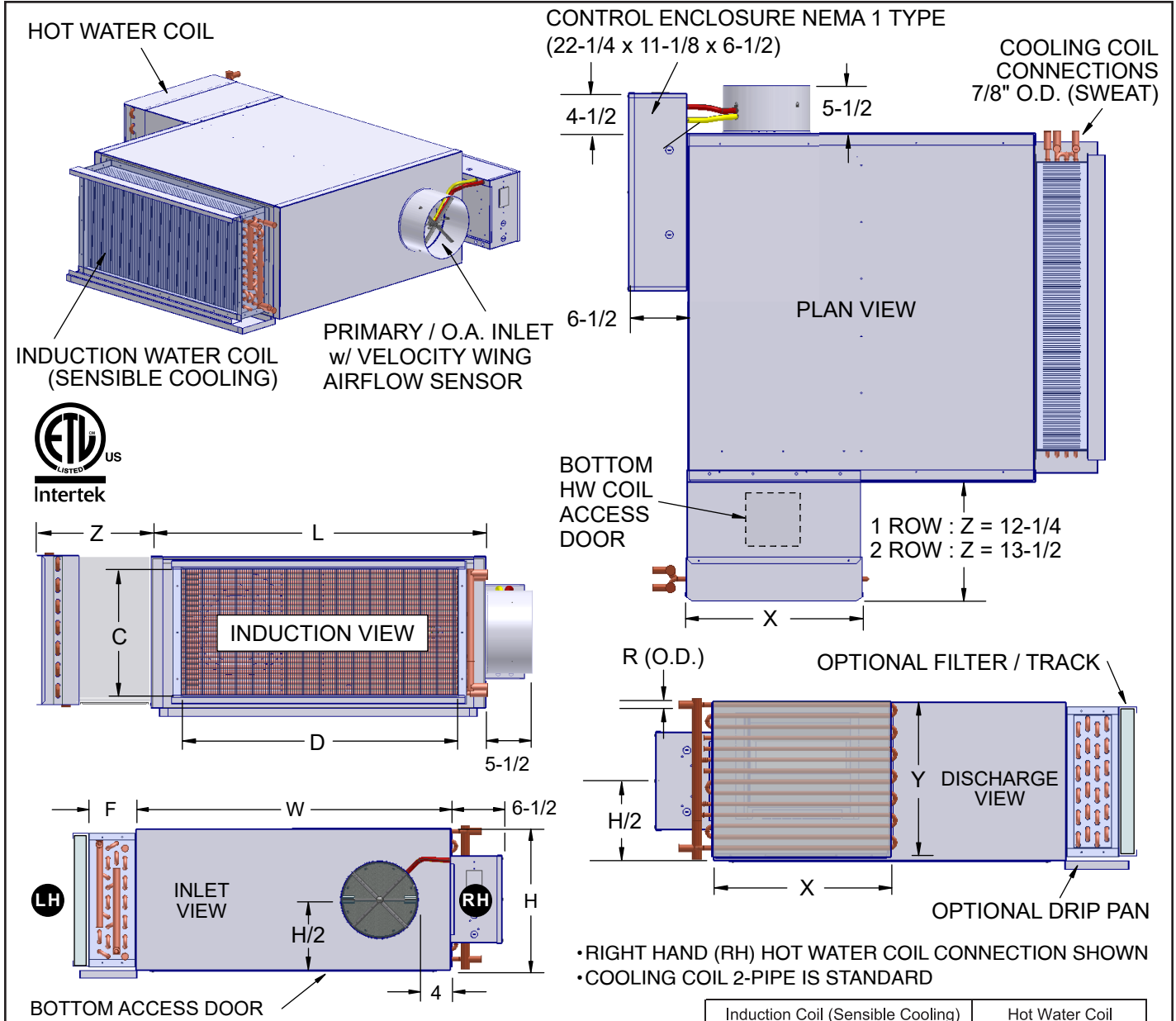
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STANDARD FEATURES & OPTIONS	
<u>Construction</u>	
<ul style="list-style-type: none"> •ETL listed assembly •Discharge / outlet accepts Slip & Drive discharge duct connection •Casing / Cabinet is rigid 20 gauge zinc-coated steel •Integral sound attenuator •Swing-down blower access panel (6" vertical clearance for removal, 30" for 90 degree swing) •Steel control enclosure NEMA 1 type with removable cover, screw attached. Optional: <input type="checkbox"/> Hinged front cover •1" Dual-density fiberglass insulation (NFPA 90 A & UL 181). Optional: <input type="checkbox"/> 1" Foil Faced <input type="checkbox"/> 3/8" Closed Cell Foam <input type="checkbox"/> 1" Closed Cell Foam <input type="checkbox"/> Dual Wall (22 ga inner wall, 1/2" internal insulation) <input type="checkbox"/> Lo-Temp (1" fiberglass insulation) •90° Outside air damper with leak resistant perimeter seal limiting leakage to <1% of maximum rated flow @ 3" wg inlet static pressure •Multi-Point center averaging Velocity Wing cross air flow sensor for accuracy to ± 5% of design flow. Optional: <input type="checkbox"/> Flow taps / tees in H&L tubes •Terminal accepts a flanged discharge duct connection. Optional: <input type="checkbox"/> Slip & Drive discharge collar •Control enclosure location can be Left Hand (LH) (as shown) or Right Hand (RH) 	
<u>Electrical</u>	
<ul style="list-style-type: none"> •Single point electrical connection •High efficiency, energy saving EC motor: <input type="checkbox"/> 120vac,1Ø <input type="checkbox"/> 208 vac,1Ø <input type="checkbox"/> 240vac,1Ø <input type="checkbox"/> 277vac,1Ø •Solid state motor controller for stand-alone operation or BAS integration. See Technical Bulletin TB-019 Rev B. 	
<u>Sensible Cooling & Hot Water Coils</u>	
<ul style="list-style-type: none"> •2-Pipe Sensible cooling (non-condensing) coil on induction port (2,4,6, or 8 rows). Optional: <input type="checkbox"/> 4-Pipe •AHRI 410 certified performance rated •1 or 2 row hot water coil located at the discharge of the terminal. Bottom access door for coil cleanout is standard. •Core consists of 1/2" OD copper tubes with min .016" wall thickness mechanically expanded in aluminum fins (minimum of 10 fins / inch) •Cooling coil consists of 7/8" OD male solder/sweat headers. Hot water coil connections as shown in the table •Prior to shipment, each coil is factory pressure tested for leaks with dry nitrogen to 500 psi •Working pressure up to 400 psi. Maximum temperature = 200° F •Actual header connection locations vary with size and circuitry. Vents & drains are field supplied and installed. 	
<u>Control System</u>	
<ul style="list-style-type: none"> •Control system: <input type="checkbox"/> Field installed controls <input type="checkbox"/> Factory mounted and wired •Controls provided by: <input type="checkbox"/> Anemostat <input type="checkbox"/> Controls Contractor 	
<u>Optional Accessories</u>	
<ul style="list-style-type: none"> •Air filters (Throw-away type) & filter track: <input type="checkbox"/> 1" Thick <input type="checkbox"/> 2" Thick <input type="checkbox"/> <Merv 4 <input type="checkbox"/> Merv 8 <input type="checkbox"/> Merv 13 <input type="checkbox"/> Unit mounting brackets (4) - field installed <input type="checkbox"/> Drip Pan - field installed <input type="checkbox"/> Disconnect switch (toggle), line voltage <input type="checkbox"/> 24vac Transformer, 40va (Class 2 Inherently Limiting) <input type="checkbox"/> Power fusing - blocks & fuses <input type="checkbox"/> Fan relay, 24vac (fan stop-start) <input type="checkbox"/> Outside air damper actuator, 24vac electric, 3-wire tri-state 	
JOB NAME:	SUBMITTED BY:

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Unit Size	Motor H.P.	Outside Air Inlet Dia	Height H	Width W	Length L	Induction Coil (Sensible Cooling)						Hot Water Coil		
						Discharge Duct		Induction			F		R = Coil Conn, O.D.	
						X	Y	C	D	2 Row	4 Row	6 Row	1 Row	2 Row
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50	1/2	5, 6, 7, 8, 9, 10, 12, 14	18	40	40	20	17-1/2	15	35	4	6	8	7/8	7/8
75	3/4	5, 6, 7, 8, 9, 10, 12, 14	20	48	48	24	17-1/2	17-1/2	43	4	6	8	7/8	7/8
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All dimensions are in inches.

JOB NAME:

SUBMITTED BY:



Model **ESTW**
Energy Smart Fan Terminal
 with Sensible Cooling Coil for Dedicated
 Outdoor Air Systems (DOAS)
 Hot Water Coil @ Discharge
Right Hand Controls

SUBMITTAL SHEET

www.anemostat-hvac.com

STANDARD FEATURES & OPTIONS	
<u>Construction</u>	
<ul style="list-style-type: none"> •ETL listed assembly •Discharge / outlet accepts Slip & Drive discharge duct connection •Casing / Cabinet is rigid 20 gauge zinc-coated steel •Integral sound attenuator •Swing-down blower access panel (6" vertical clearance for removal, 30" for 90 degree swing) •Steel control enclosure NEMA 1 type with removable cover, screw attached. Optional: <input type="checkbox"/> Hinged front cover •1" Dual-density fiberglass insulation (NFPA 90 A & UL 181). Optional: <input type="checkbox"/> 1" Foil Faced <input type="checkbox"/> 3/8" Closed Cell Foam <input type="checkbox"/> 1" Closed Cell Foam <input type="checkbox"/> Dual Wall (22 ga inner wall, 1/2" internal insulation) <input type="checkbox"/> Lo-Temp (1" fiberglass insulation) •90° Outside air damper with leak resistant perimeter seal limiting leakage to <1% of maximum rated flow @ 3" wg inlet static pressure •Multi-Point center averaging Velocity Wing cross air flow sensor for accuracy to ± 5% of design flow. Optional: <input type="checkbox"/> Flow taps / tees in H&L tubes •Terminal accepts a flanged discharge duct connection. Optional: <input type="checkbox"/> Slip & Drive discharge collar •Control enclosure location can be Right Hand (RH) (as shown) or Left Hand (LH) 	
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<ul style="list-style-type: none"> •Single point electrical connection •High efficiency, energy saving EC motor: <input type="checkbox"/> 120vac,1Ø <input type="checkbox"/> 208 vac,1Ø <input type="checkbox"/> 240vac,1Ø <input type="checkbox"/> 277vac,1Ø •Solid state motor controller for stand-alone operation or BAS integration. See Technical Bulletin TB-019 Rev B. 	
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