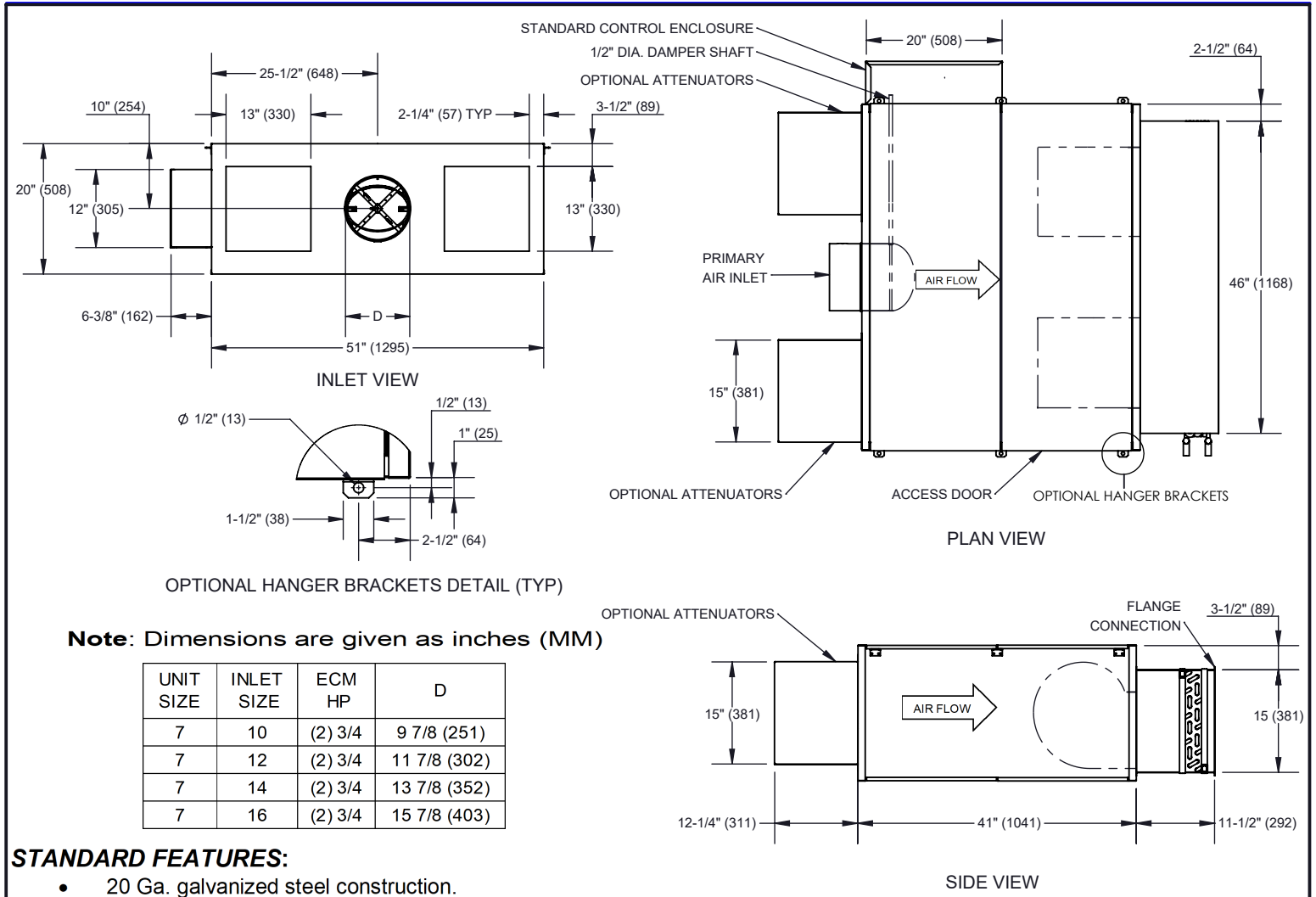


KFSS, UNIT SIZE 7

SERIES FAN POWERED TERMINAL UNIT HOT WATER REHEAT COIL

JOB NAME _____
 ENGINEER _____
 CONTRACTOR _____
 TAG _____

SUBMITTAL SHEET



Note: Dimensions are given as inches (MM)

UNIT SIZE	INLET SIZE	ECM HP	D
7	10	(2) 3/4	9 7/8 (251)
7	12	(2) 3/4	11 7/8 (302)
7	14	(2) 3/4	13 7/8 (352)
7	16	(2) 3/4	15 7/8 (403)

STANDARD FEATURES:

- 20 Ga. galvanized steel construction.
- NEMA 1 control enclosure for electronic components.
- 1" thick dual density fiberglass insulation meeting NFPA 90A and UL 181 safety requirements.
- 120V 208V/240V 277V EC Motor (electronically commutated motor)
- Motor Speed Control
 - Manual Control 0-10Vdc Remote Control
 - 2-10Vdc Remote Control
- Removable top and bottom panels allow easy access to motor, blower and primary air damper assemblies for servicing.
- Four quadrant averaging cross flow sensor
- Left hand mounted controls shown above. Right hand units (optional) are inverted, resulting in elevation change of discharge duct.
- Discharge requires a flanged duct connection by others.
- Factory supplied 24 volt control transformer.
- ETL listed – Adherence to UL1995 and CSA C22.2 No.236.95
- AHRI certified sound ratings

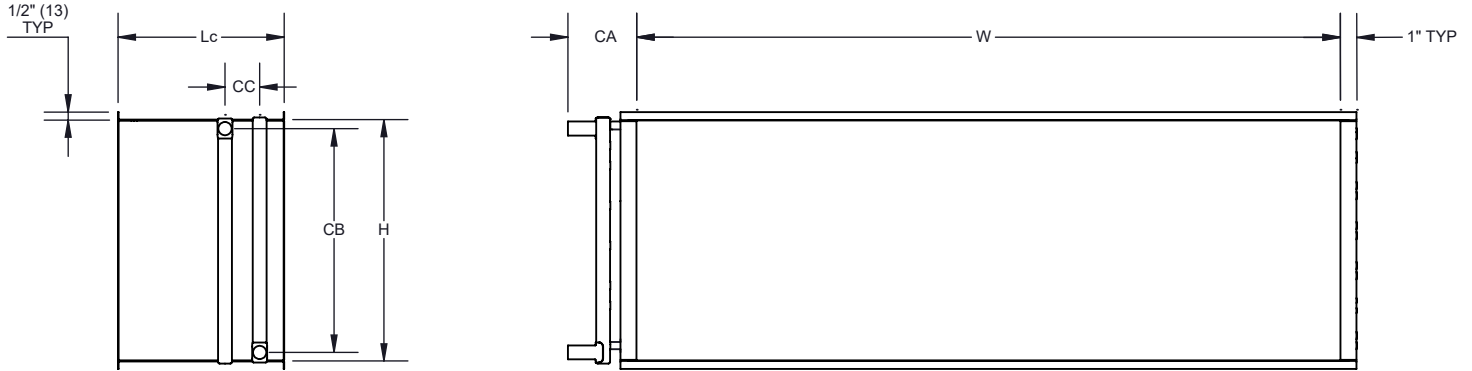
OPTIONAL FEATURES:

- Liners:
 - 1/2" Dual density fiberglass insulation
 - 1/2" Cellular insulation
 - 1" Cellular insulation
 - 1/2" Foil encapsulated fiberglass insulation
 - 1" Foil encapsulated fiberglass insulation
 - Solid Metal Liner w/ 1" Dual Density Fiberglass
 - Perforated Metal Liner w/ 1" Dual Density Fiberglass
- Induced air filter:
 - 1" construction 1" Merv8 2" Merv13
- Induced air attenuator
- Cam lock access doors
- Hanger brackets
- Electrical enclosures (see sheet 3):
 - Bottom facing 90° facing Remote mounted
 - Motor disconnect switch
 - Motor fusing
 - Dust tight control enclosure

KFSS, UNIT SIZE 7

SERIES FAN POWERED TERMINAL UNIT HOT WATER REHEAT COIL

SUBMITTAL SHEET



STANDARD FEATURES:

- Shipped from the factory attached to the unit discharge
- Coils are leak tested to 400 psi
- 1" flanges for attached discharge ductwork
- Coil section is uninsulated
- Coil Casing - 20 Ga. Galvanized Steel
- Connection Tubing – 0.032" thick copper (see O.D. connection diameter in table)
- Coil Tubing – 1/2" diameter x 0.016" thick copper
- Coil Fins – 0.0045" thick aluminum, 10 FPI, mechanically bonded to tubing
- Coils are not for steam application

OPTIONAL FEATURES:

- 12 FPI, 0.0045" thick aluminum fins, mechanically bonded to tubing
- Access door for cleaning and servicing. **Adds 3" to dimension Lc**
- Air vent and drain ports

Note: Dimensions are given as inches (MM)

Unit Size	Number of Rows	H	W	Lc	CA	CB	CC	O.D. Water Connection
7	1	15 (381)	44 (1118)	8 (203)	4 1/4 (108)	13 3/8 (340)	1 1/8 (29)	7/8 (22)
	2	15 (381)	44 (1118)	9 1/8 (232)	4 1/4 (108)	14 (356)	1 1/8 (29)	7/8 (22)
	3	15 (381)	44 (1118)	10 3/8 (264)	4 1/4 (108)	14 (356)	2 1/8 (54)	7/8 (22)
	4	15 (381)	44 (1118)	11 1/2 (292)	4 1/4 (108)	14 (356)	3 1/4 (83)	7/8 (22)

KFSS, UNIT SIZE 7

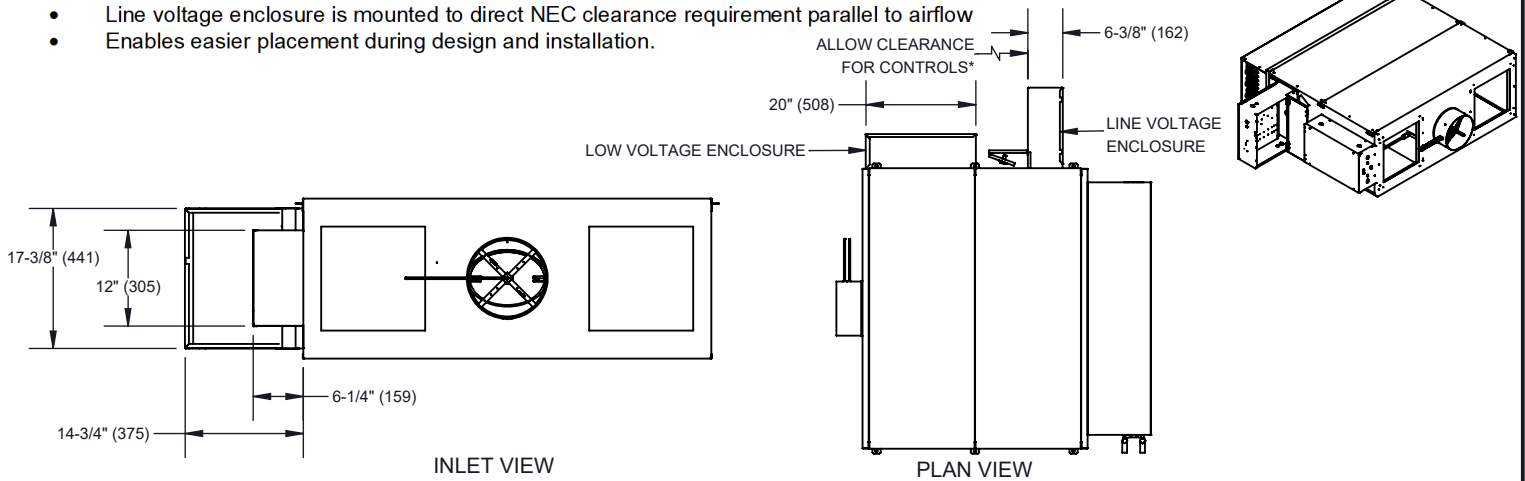
SERIES FAN POWERED TERMINAL UNIT COOLING ONLY

SUBMITTAL SHEET

90° Facing Line Voltage Enclosure

- Line voltage enclosure is mounted to direct NEC clearance requirement parallel to airflow
- Enables easier placement during design and installation.

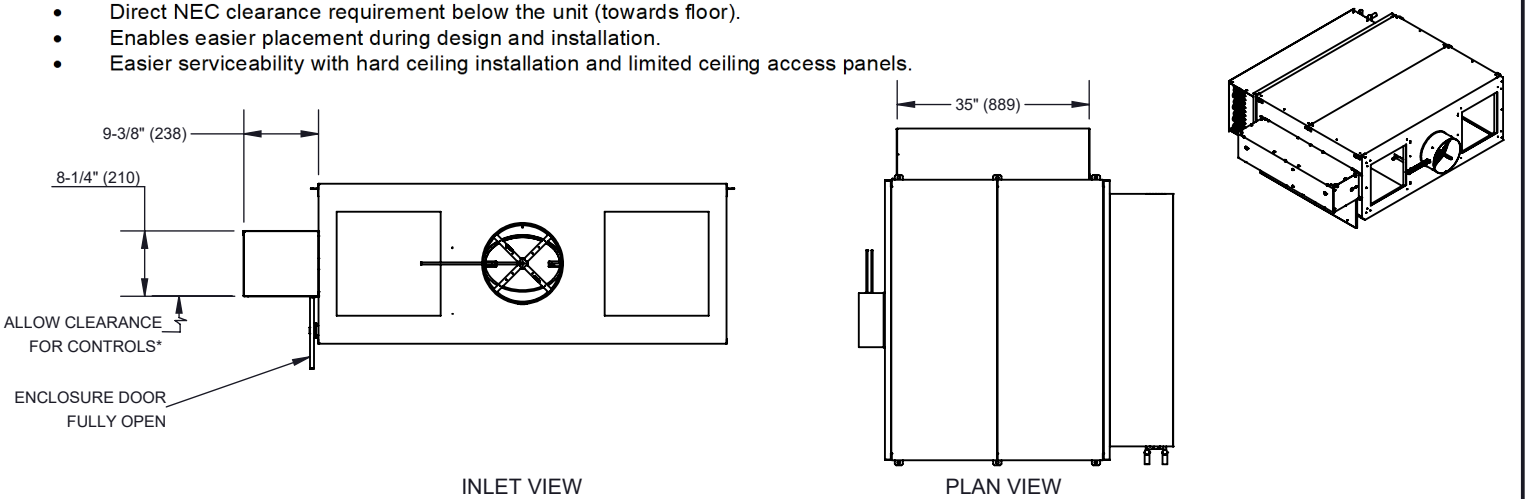
* Check NEC for unit clearance requirement



Bottom Facing Enclosure

- Electrical enclosure door opens downward and is serviceable from underneath the unit.
- Direct NEC clearance requirement below the unit (towards floor).
- Enables easier placement during design and installation.
- Easier serviceability with hard ceiling installation and limited ceiling access panels.

* Check NEC for unit clearance requirement



Remote Mounted Line Voltage Enclosure

- Line voltage enclosure is tethered to the unit by 48" flexible conduit cable and is to be field mounted.
- Provides flexibility for the installer to place the unit in tighter ceiling spaces while maintaining NEC clearance requirement for the line voltage enclosure.

* Check NEC for unit clearance requirement

