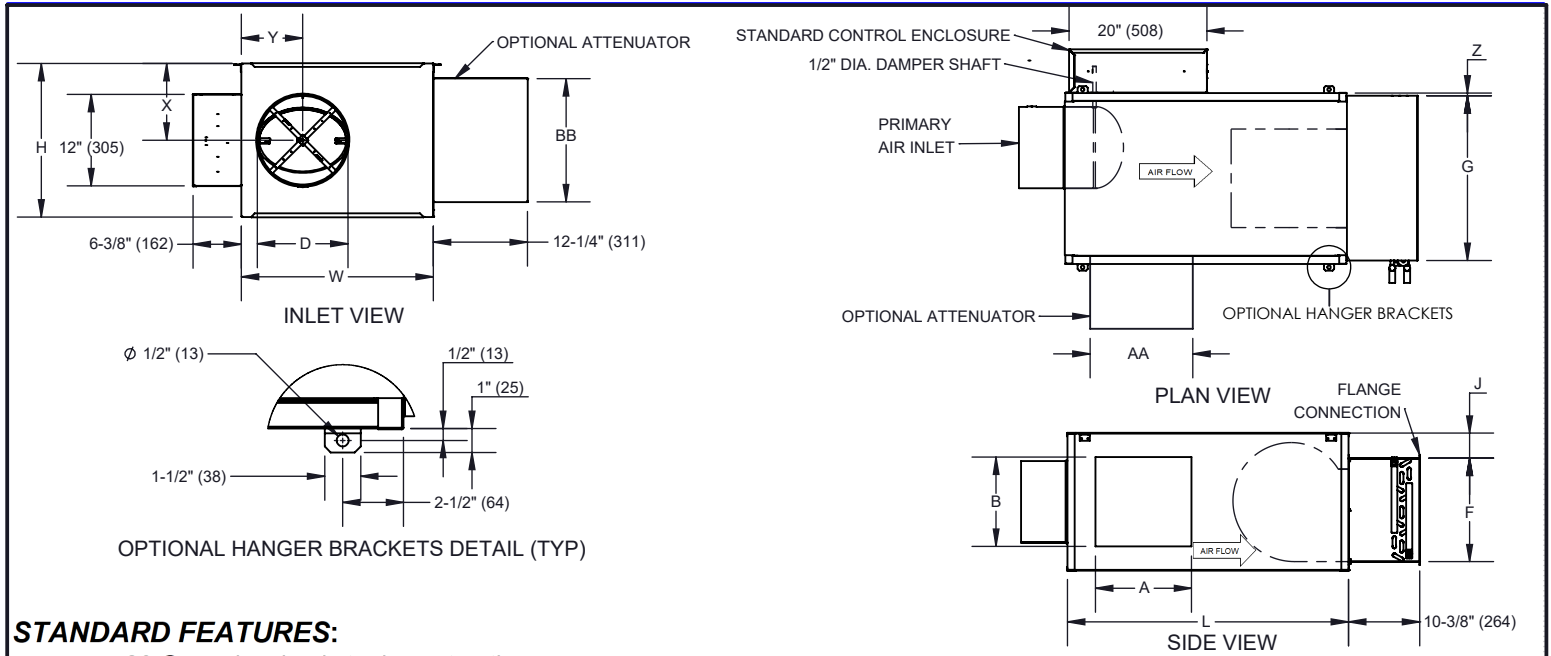


## KFSS, UNIT SIZES 3 - 6

### SERIES FAN POWERED TERMINAL UNIT HOT WATER REHEAT COIL

## SUBMITTAL SHEET



#### 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

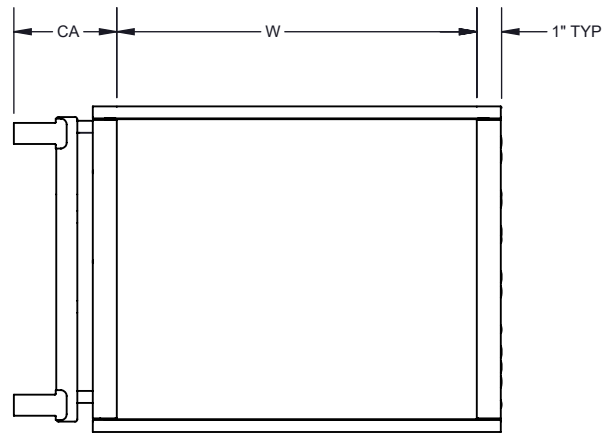
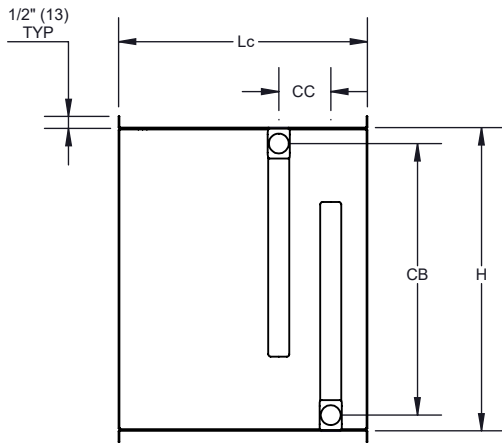
**Note:** Dimensions are given as inches (MM)

UNIT SIZE	INLET SIZE	ECM HP	L	W	H	INDUCED AIR		AA	BB	D	DISCHARGE		J	X	Y	Z
						A	B				F	G				
3	6	1/3	41 1/8 (1045)	19 (483)	19 (483)	11 (279)	11 (279)	13 1/8 (334)	13 (330)	5 7/8 (149)	12 1/2 (318)	15 (381)	5 (127)	9 1/2 (242)	6 (152)	1 (25)
3	8	1/3	41 1/8 (1045)	19 (483)	19 (483)	11 (279)	11 (279)	13 1/8 (334)	13 (330)	7 7/8 (200)	12 1/2 (318)	15 (381)	5 (127)	9 1/2 (242)	6 (152)	1 (25)
3	10	1/3	41 1/8 (1045)	19 (483)	19 (483)	11 (279)	11 (279)	13 1/8 (334)	13 (330)	9 7/8 (251)	12 1/2 (318)	15 (381)	5 (127)	9 1/2 (242)	7 (178)	1 (25)
4	8	1/2	41 1/8 (1045)	25 (635)	19 (483)	11 (279)	11 (279)	13 1/8 (334)	13 (330)	7 7/8 (200)	15 (381)	22 (559)	5 1/4 (133)	9 1/2 (242)	6 (152)	2 (51)
4	10	1/2	41 1/8 (1045)	25 (635)	19 (483)	11 (279)	11 (279)	13 1/8 (334)	13 (330)	9 7/8 (251)	15 (381)	22 (559)	5 1/4 (133)	9 1/2 (242)	7 (178)	2 (51)
4	12	1/2	41 1/8 (1045)	25 (635)	19 (483)	11 (279)	11 (279)	13 1/8 (334)	13 (330)	11 7/8 (302)	15 (381)	22 (559)	5 1/4 (133)	9 1/2 (242)	8 (203)	2 (51)
5	8	3/4	41 1/8 (1045)	25 (635)	20 (508)	14 (356)	13 (330)	16 1/8 (410)	15 (381)	7 7/8 (200)	15 (381)	22 (559)	3 1/2 (89)	10 (254)	6 (152)	1/2 (13)
5	10	3/4	41 1/8 (1045)	25 (635)	20 (508)	14 (356)	13 (330)	16 1/8 (410)	15 (381)	9 7/8 (251)	15 (381)	22 (559)	3 1/2 (89)	10 (254)	7 (178)	1/2 (13)
5	12	3/4	41 1/8 (1045)	25 (635)	20 (508)	14 (356)	13 (330)	16 1/8 (410)	15 (381)	11 7/8 (302)	15 (381)	22 (559)	3 1/2 (89)	10 (254)	8 (203)	1/2 (13)
5	14	3/4	41 1/8 (1045)	25 (635)	20 (508)	14 (356)	13 (330)	16 1/8 (410)	15 (381)	13 7/8 (352)	15 (381)	22 (559)	3 1/2 (89)	10 (254)	10 (254)	1/2 (13)
6	10	1	41 1/8 (1045)	30 (762)	20 (508)	15 (381)	15 (381)	17 1/8 (435)	17 (432)	9 7/8 (251)	15 (381)	22 (559)	3 1/2 (89)	10 (254)	7 (178)	3 (76)
6	12	1	41 1/8 (1045)	30 (762)	20 (508)	15 (381)	15 (381)	17 1/8 (435)	17 (432)	11 7/8 (302)	15 (381)	22 (559)	3 1/2 (89)	10 (254)	8 (203)	3 (76)
6	14	1	41 1/8 (1045)	30 (762)	20 (508)	15 (381)	15 (381)	17 1/8 (435)	17 (432)	13 7/8 (352)	15 (381)	22 (559)	3 1/2 (89)	10 (254)	10 (254)	3 (76)
6	16	1	41 1/8 (1045)	30 (762)	20 (508)	15 (381)	15 (381)	17 1/8 (435)	17 (432)	15 7/8 (403)	15 (381)	22 (559)	3 1/2 (89)	10 (254)	10 1/4 (260)	3 (76)

## KFSS, UNIT SIZES 3 - 6

### 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
3	1	12 1/2 (318)	15 (381)	8 (203)	3 (76)	11 1/4 (286)	-	5/8 (16)
	2	12 1/2 (318)	15 (381)	9 1/8 (232)	2 5/8 (67)	11 1/4 (286)	-	5/8 (16)
	3	12 1/2 (318)	15 (381)	10 3/8 (264)	4 1/4 (108)	11 3/8 (289)	2 1/4 (57)	7/8 (22)
	4	12 1/2 (318)	15 (381)	11 1/2 (292)	4 1/4 (108)	11 1/4 (286)	3 1/4 (83)	7/8 (22)
4,5,6	1	15 (381)	22 (559)	8 (203)	3 (76)	13 3/4 (349)	-	5/8 (16)
	2	15 (381)	22 (559)	9 1/8 (232)	2 5/8 (67)	13 3/4 (349)	-	5/8 (16)
	3	15 (381)	22 (559)	10 3/8 (264)	4 1/4 (108)	13 3/8 (340)	2 1/4 (57)	7/8 (22)
	4	15 (381)	22 (559)	11 1/2 (292)	4 1/4 (108)	13 7/8 (352)	3 1/4 (83)	7/8 (22)

## KFSS, UNIT SIZES 3 - 6

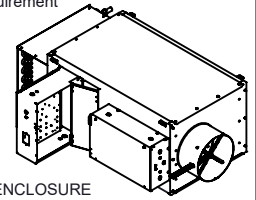
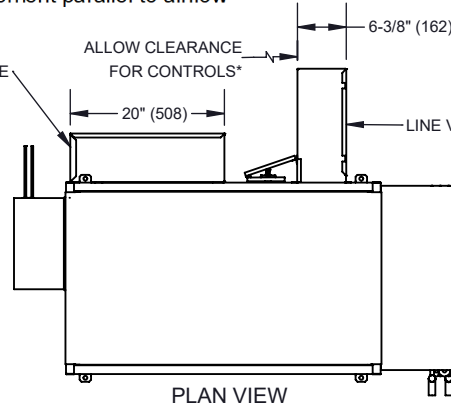
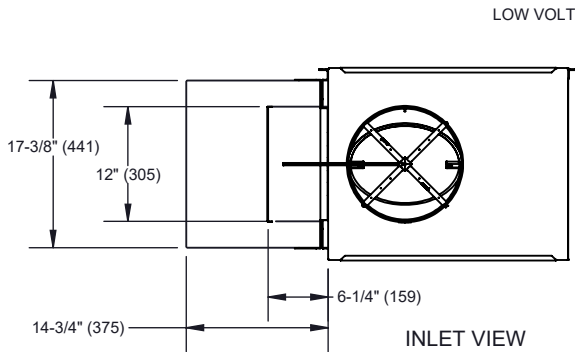
### SERIES FAN POWERED TERMINAL UNIT HOT WATER REHEAT COIL

## 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.

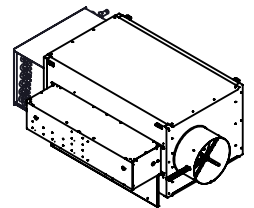
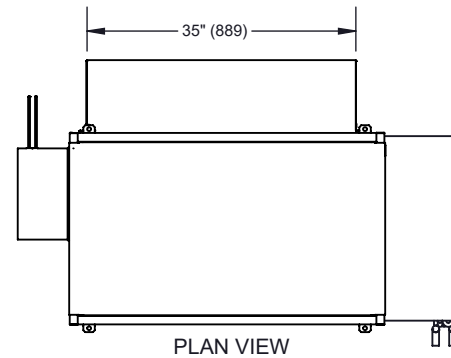
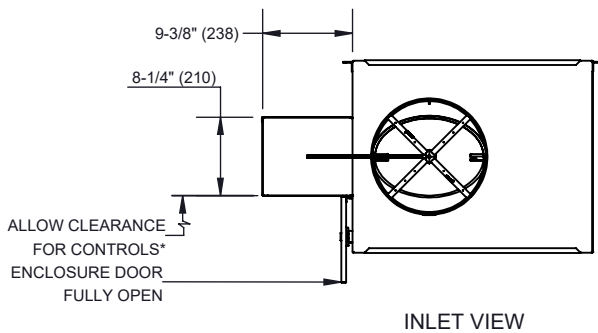
\* Check NEC for unit clearance requirement



#### 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

