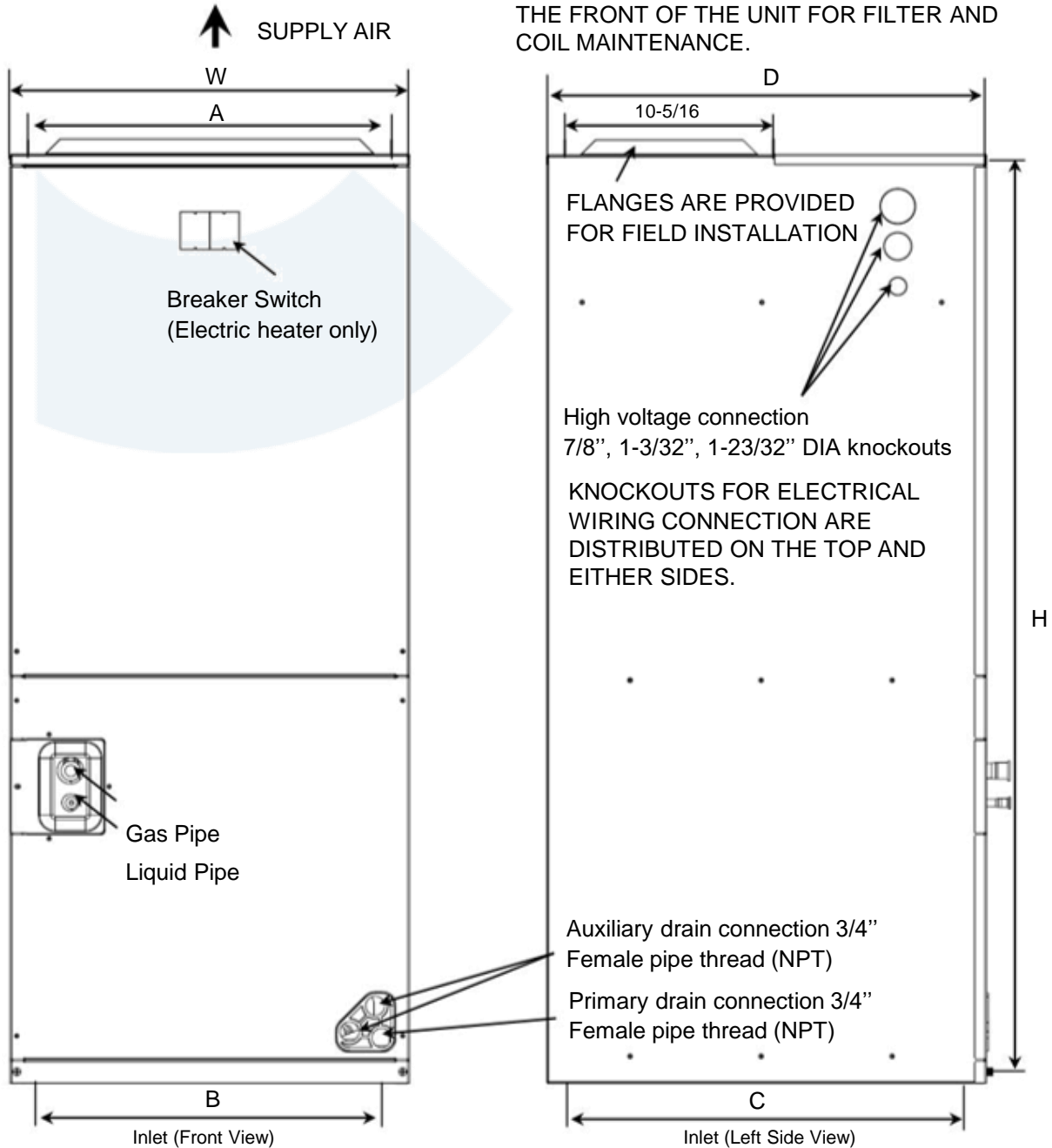


# SUBMITTAL

## Multi-position Air Handler CVTAN-24AA



NOTE: 25" CLEARANCE IS REQUIRED IN THE FRONT OF THE UNIT FOR FILTER AND COIL MAINTENANCE.



Model	Dimensions (in.)					
	H	W	D	A	B	C
CVTAN-24AA	46-1/2	21	21	19-1/4	13-7/8	16

## Product Specifications

MODEL	CVTAN-24AA
Voltage-Phase-Hz	208/230-1-60
Minimum Circuit Amps.	3.0
INDOOR COIL TYPE	Copper Tube With Hydrophilic Aluminum Fins
Rows	4
Tube Size	9/32
Refrigerant Control	TXV
Drain Connection Size (in.)	3/4 NPT
Duct Connections	See Outline Drawing
INDOOR FAN TYPE	Centrifugal
Blower Diameter-Width (in.)	10 X 8
Fan Motor Type	ECM
CFM vs. in. W.G	See Fan Performance Table
Fan Motor HP	1/3
FLA	2.4
Filter Size (in.) *1	20*18
Filter Equipped From Factory	NO
Refrigerant	R-410A
Ref. Pipe Connections	Brazed
Liquid Pipe Size (in. O.D.)	3/8
Gas Pipe Size (in. O.D.)	3/4
Dimensions (W X H X D)	21 × 46-1/2 × 21
Net Weight (LBS)	119
Shipping Weight (LBS)	150

FAN SPEED	Sound pressure level (dB)
High	60
Medium High	57
Low	53

### NOTES:

1. Refer to the label on the air handler right next to the filter cover to install the correct filter size.

Model Number	Motor Speed	CFM (Watts)										
		External Static Pressure-Inches W.C.[KPa]										
		0 [0]	0.1 [.02]	0.16 [.04]	0.2 [.05]	0.3 [.07]	0.4 [.10]	0.5 [.12]	0.6 [.15]	0.7 [.17]	0.8 [.20]	
24	Tap (5)	SCFM	1091	1041	1016	1001	950	905	857	803	740	691
		Watts	170	179	186	189	199	208	217	227	239	244
	Tap (4)	SCFM	928	888	854	833	792	721	658	622	562	517
		Watts	106	117	121	124	135	143	154	162	170	178
	Tap (3)- factory	SCFM	832	773	757	729	692	626	572	522	473	406
		Watts	78	84	90	92	101	111	121	128	134	144
	Tap (2)	SCFM	708	655	620	599	539	478	423	389	331	279
		Watts	55	62	66	70	80	86	92	101	108	115
	Tap (1)	SCFM	658	573	548	521	446	403	342	289	230	189
		Watts	46	49	55	59	66	75	80	89	93	99

Shaded boxes represent airflow outside the required 300-450 CFM/ton.

Kit Model	Heating Capacity(kW)	MIN. Circuit Ampacity		MAX. Fuse or Breaker (HACR) Ampacity		Fan speed				
		240	208	240	208	1	2	3	4	5
EHK05	5	25	22	30	25	x	•	•	•	•
EHK10	10	49	43	60	50	x	x	•	•	•

• means available x means unavailable

# Mechanical Specifications

1. Dedicated vertical up-flow and horizontal right-flow.
2. Multiple electrical entry locations.
3. Field installed heater kits 5,10kW.
4. Dual front panel design for ease of maintenance.
5. ECM 3 speed options (Tap 3 - Tap 5) in the job site.
6. Blower and coil easy slide out design for ease of maintenance.
7. Horizontal and vertical condensate drain pans.
8. Condensate drain is polymer with UVC inhibitor.
9. Primary and secondary condensate drain fittings.

