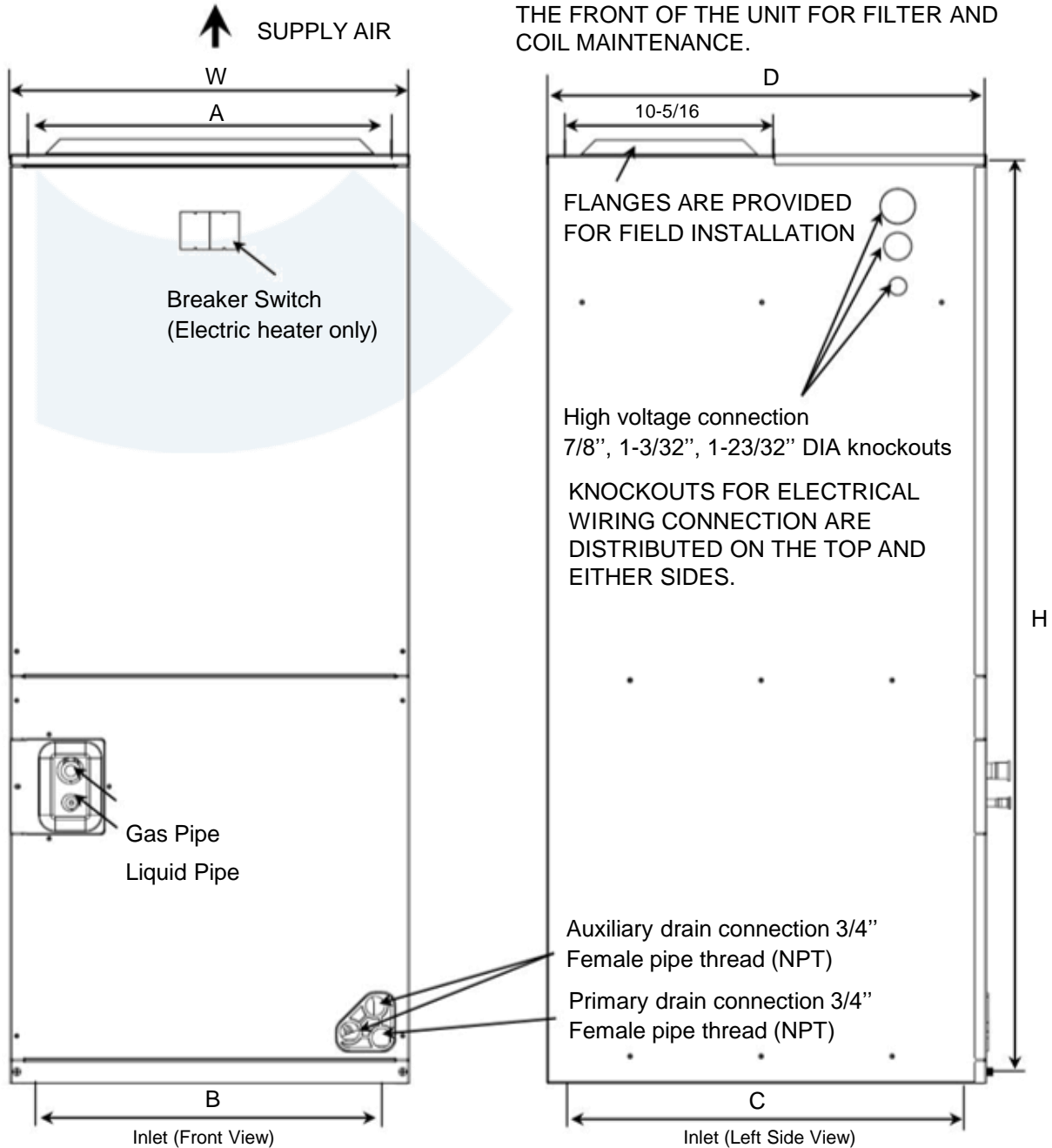


SUBMITTAL

Multi-position Air Handler CVTAN-48AA



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-48AA	56	24-1/2	21	22-3/4	15-1/4	16

Product Specifications

MODEL	CVTAN-48AA
Voltage-Phase-Hz	208/230-1-60
Minimum Circuit Amps.	7.5
INDOOR COIL TYPE	Copper Tube With Hydrophilic Aluminum Fins
Rows	4
Tube Size	3/8
Refrigerant Control	TXV
Drain Connection Size (in.)	3/4 NPT
Duct Connections	See Outline Drawing
INDOOR FAN TYPE	Centrifugal
Blower Diameter-Width (in.)	11 X 10-5/8
Fan Motor Type	ECM
CFM vs. in. W.G	See Fan Performance Table
Fan Motor HP	3/4
FLA	6
Filter Size (in.) *1	22*20
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.)	7/8
Dimensions (W X H X D)	24-1/2 × 56 × 21
Net Weight (LBS)	172
Shipping Weight (LBS)	207

FAN SPEED	Sound pressure level (dB)
High	67
Medium High	63
Low	61

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]	
48	Tap (5)	SCFM	1952	1909	1884	1866	1827	1784	1740	1697	1658	1616
		Watts	574	581	585	589	596	608	611	623	635	643
	Tap (4)	SCFM	1766	1725	1701	1678	1643	1598	1551	1507	1457	1403
		Watts	418	429	436	443	453	462	468	479	485	496
	Tap (3)- factory	SCFM	1558	1514	1489	1471	1433	1389	1345	1302	1248	1191
		Watts	297	308	318	324	334	346	359	369	374	391
	Tap (2)	SCFM	1281	1261	1244	1199	1154	1111	1076	1015	966	912
		Watts	165	178	189	192	206	220	232	250	263	272
	Tap (1)	SCFM	998	966	956	917	883	835	794	745	701	646
		Watts	89	103	111	115	130	146	159	174	181	196

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	•	•	•	•
EHK15	5+10	25+49	22+43	30+60	25+50	x	x	•	•	•
EHK20	10+10	49+49	43+43	60+60	50+50	x	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 5,10,15 and 20kW.
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.

