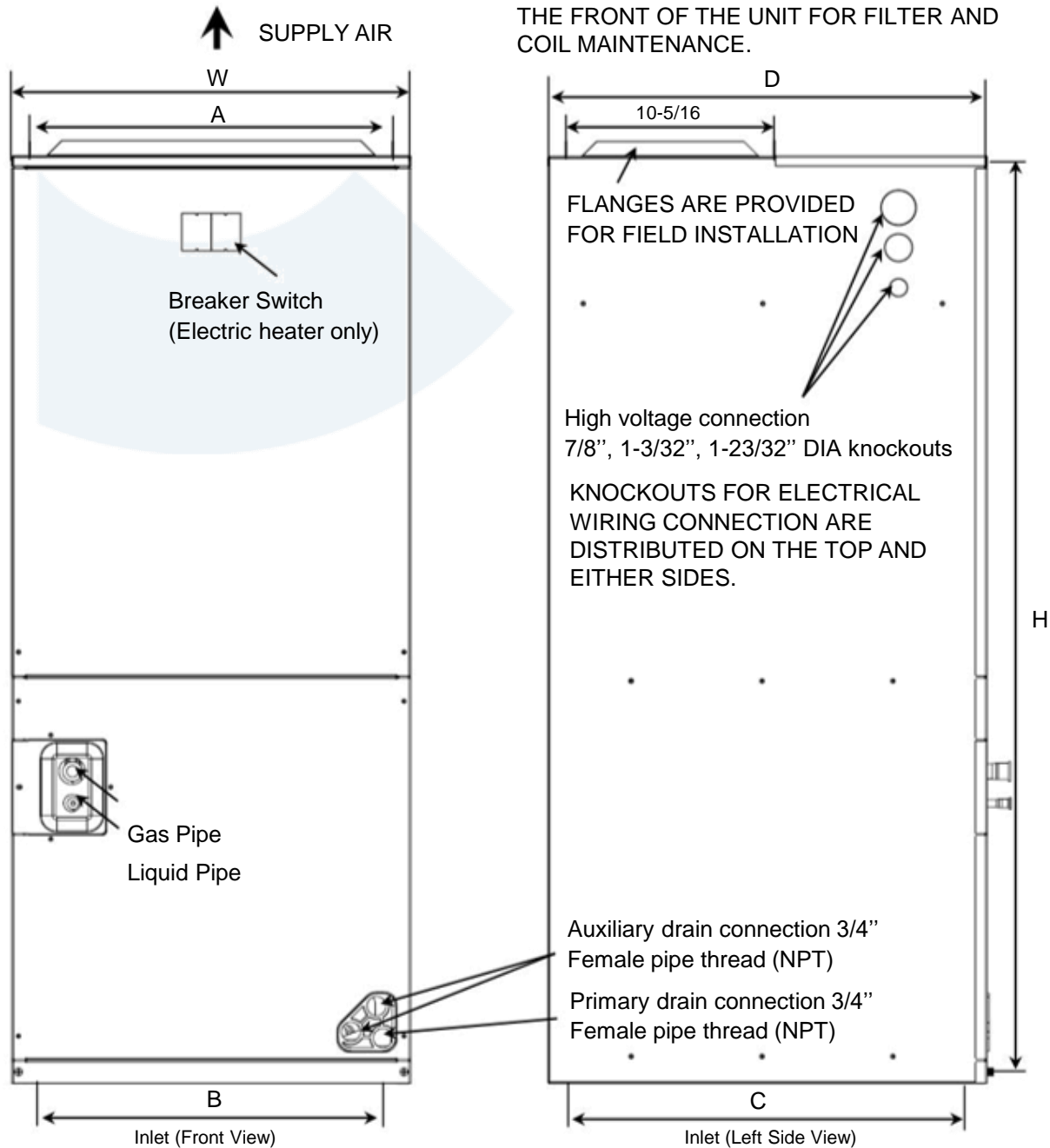


# SUBMITTAL

## Multi-position Air Handler CVTAN-36AA



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-36AA	46-1/2	21	21	19-1/4	13-7/8	16

## Product Specifications

MODEL	CVTAN-36AA
Voltage-Phase-Hz	208/230-1-60
Minimum Circuit Amps.	5.2
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.)	11 X 10-5/8
Fan Motor Type	ECM
CFM vs. in. W.G	See Fan Performance Table
Fan Motor HP	1/2
FLA	4.1
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)	121
Shipping Weight (LBS)	154

FAN SPEED	Sound pressure level (dB)
High	63
Medium High	61
Low	58

### 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]	
36	Tap (5)	SCFM	1458	1412	1390	1366	1320	1274	1194	1167	1072	1027
		Watts	280	295	298	300	308	317	327	337	350	357
	Tap (4)	SCFM	1287	1240	1210	1192	1149	1077	1006	939	888	832
		Watts	203	212	216	221	228	232	246	258	266	272
	Tap (3)- factory	SCFM	1133	1084	1057	1035	979	896	835	777	724	670
		Watts	147	154	157	162	169	180	190	197	204	211
	Tap (2)	SCFM	929	872	839	796	716	653	598	527	460	380
		Watts	81	92	95	100	114	120	127	136	143	153
	Tap (1)	SCFM	802	756	692	651	594	525	453	355	270	210
		Watts	60	69	72	78	87	91	98	108	114	119

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	×	●	●	●	●
EHK10	10	49	43	60	50	×	×	●	●	●
EHK15	5+10	25+49	22+43	30+60	25+50	×	×	●	●	●

● means available × 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 and 15kW.
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.

