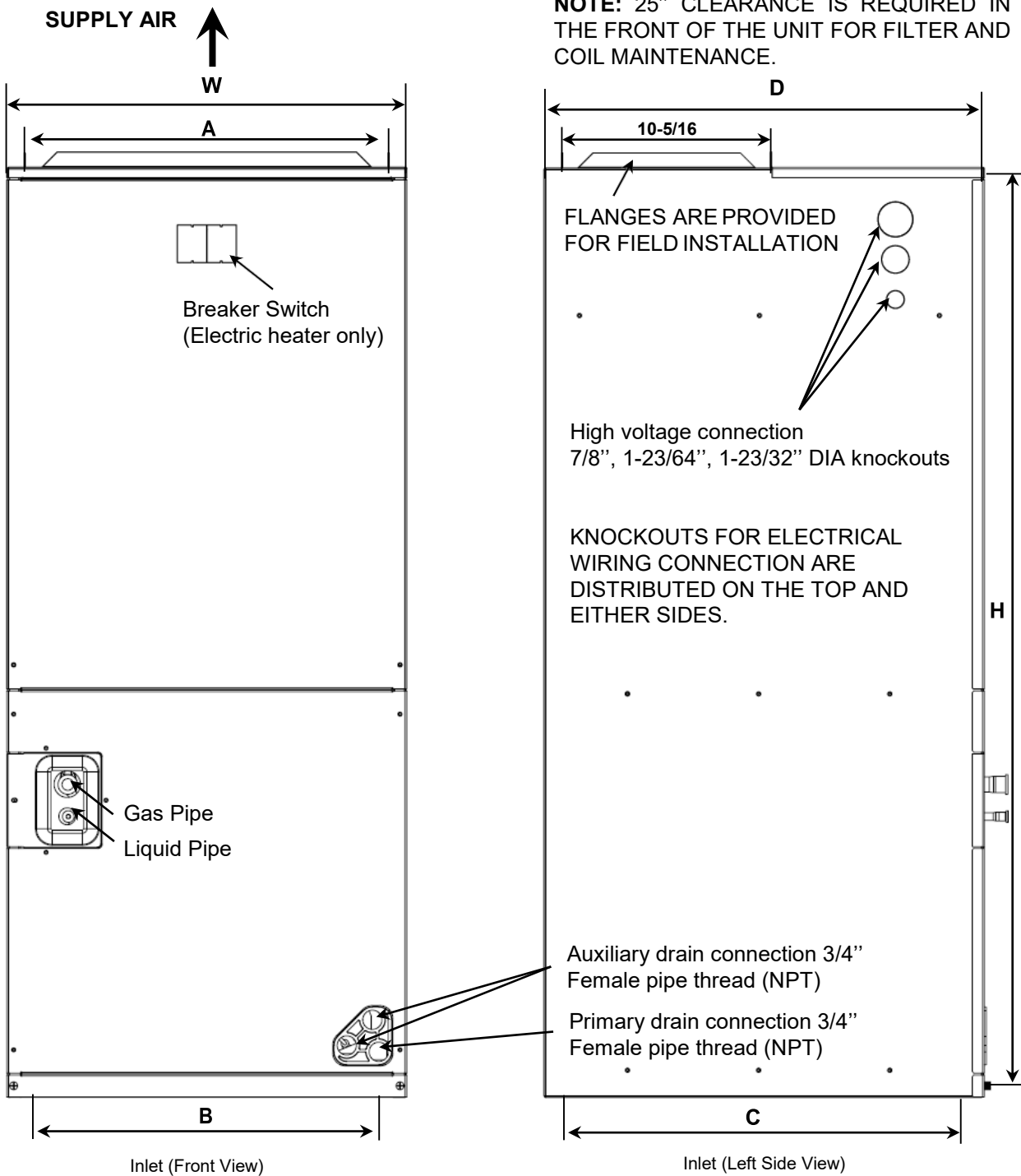


# Multi-position Air Handler GN1836-P1

TAG:

## SUBMITTAL



Model	Dimensions (in.)					
	H	W	D	A	B	C
GN1836-P1	46-1/2	19-5/8	21-5/8	18	16-1/4	20-3/4

## Product Specifications

MODEL	GN1836-P1
Voltage-Phase-Hz	208/230-1-60
Minimum Circuit Amps.	5.1
INDOOR COIL TYPE	Plate Fin
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.)	18*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.)	3/4
Dimensions (W X H X D)	19-5/8 × 46-1/2 × 21-5/8
Net Weight (LBS)	125
Shipping Weight (LBS)	139

## Product Specifications (Continued)

FAN SPEED	Sound pressure level (dB)
High	65
Medium High	62
Low	58

Model Number	Motor Speed		CFM (Watts)									
			External Static Pressure-Inches W.C.[KPa]									
			0 [0]	0.1 [0.02]	0.16 [0.04]	0.2 [0.05]	0.3 [0.07]	0.4 [0.10]	0.5 [0.12]	0.6 [0.15]	0.7 [0.17]	0.8 [0.20]
36	Tap (5)	SCFM	1452	1403	1356	1343	1287	1214	1144	1085	1022	968
		Watts	253	264	269	271	284	296	303	313	324	329
	Tap (4) – factory	SCFM	1255	1203	1155	1150	1062	995	920	854	797	719
		Watts	170	182	190	193	201	212	221	229	239	244
	Tap (3)	SCFM	1109	1050	986	985	897	841	841	766	702	617
		Watts	126	136	142	147	154	164	170	180	187	195
	Tap (2)	SCFM	1020	907	838	818	733	673	586	520	-	-
		Watts	103	98	108	109	114	124	129	139	-	-
	Tap (1)	SCFM	962	807	660	627	551	450	380	296	-	-
		Watts	90	80	72	71	79	83	93	96	-	-

Heater Kit Model	Electric Heater (kW)	MIN. Circuit Ampacity		MAX. Fuse or Breaker (HACR) Ampacity		Fan Speed				
		240	208	240	208	1	2	3	4	5
E-EHK05	5	29.7	26.2	30	30	●	●	●	●	●
E-EHK10	10	55.8	48.8	60	50	x	x	x	●	●
E-EHK15	5+10	26.1+55.8	22.6+48.8	30+60	25+50	x	x	x	●	●

# Mechanical Specifications

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1. Multi-position Installation. (Vertical up-flow and horizontal right-flow from factory; field convertible to horizontal left-flow or down-flow \*Refer to installation manual for details)
2. Multiple electrical entry locations.
3. Field installed heater kits 5,10, 15KW.
4. Dual front panel design for ease of maintenance.
5. ECM 3 speed options
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.

