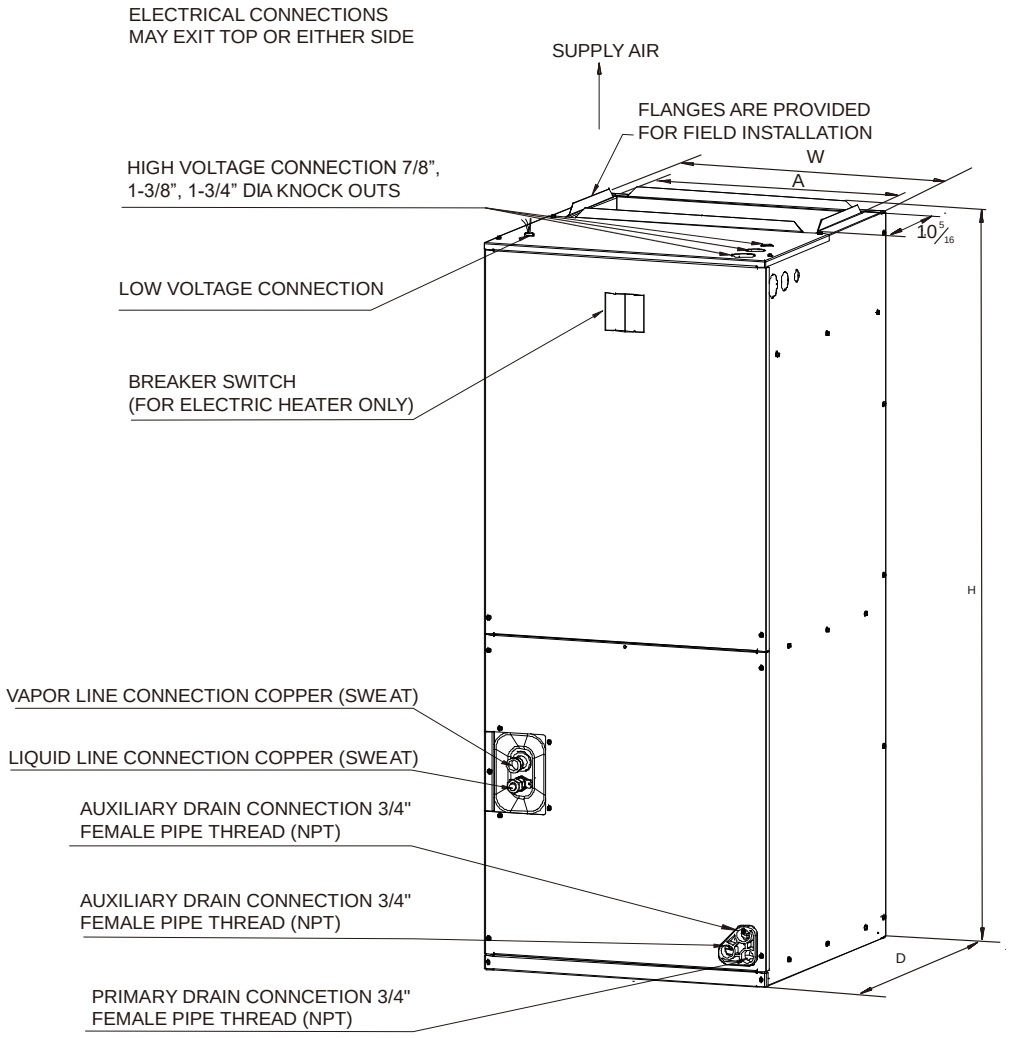
Submittal

TAG:

Air Handlers
A4AH5E24E1B00A
Cooling capacity: 24 kBTU/h



	A4AH5E24E1B00A
UNIT DIMENSION AND WEIGHTS	
Height(in.)	41-3/8
Width(in.)	18-1/8
Depth(in.)	20-1/2
Weight(lbs.)	101

Specifications

	A4AH5E24E1B00A
NOMINAL RATING	
Cooling (BTU/h)	24,000
External Static Pressure(in.w.c)	0.8
ELECTRICAL DATA	
Voltage / Phase(60Hz)	208/230/1
Min. / Max. Voltage	187/253
Min. Circuit Amps	3.3
Max. Overcurrent Protection	15
FAN MOTOR	
Motor Type	ECM
Capacitor (uF)	/
Horsepower (HP)	1/3
Rated RPM	1050
Full Load Amps (FLA)	2.6
FAN BLOWER	
Material	Metal
Type	Centrifugal
Diameter(in.)	10-5/8
Height(in.)	8-1/8
EVAPORATOR COIL	
Type	Tube & Fin
Tube Material	Aluminum
Tube Size(in.)	9/32
REFRIGERANT CONNECTION SIZE	
Liquid Line Size (O.D.)	3/8
Suction Line Size (O.D.)	3/4

Airflow Data

Air Handler Model	Outdoor Unit Size(Tons)	Motor Speed		CFM Wet Coil without filter and Electric Heat								
				External Static Pressure-Inches W.C.[kPa]								
				0[0]	0.1[.025]	0.2[.050]	0.3[.075]	0.4[0.100]	0.5[0.125]	0.6[0.150]	0.7[0.175]	0.8[0.200]
24	1.5	1	SCFM	590	544	511	447	404	345	311	273	239
			Power/W	49	57	64	70	75	82	91	97	102
			Current/A	0.77	0.81	0.84	0.87	0.91	0.94	0.99	1.02	1.11
		2	SCFM	681	633	591	535	490	446	388	354	313
			Power/W	63	69	77	83	90	96	103	111	118
			Current/A	0.84	0.87	0.93	0.96	0.99	1.03	1.07	1.13	1.16
		3 (Recommended)	SCFM	788	736	687	648	597	558	511	473	429
			Power/W	86	91	100	108	114	121	128	133	142
			Current/A	0.95	0.99	1.11	1.14	1.18	1.21	1.26	1.31	1.37
		4 (Factory Default)	SCFM	883	842	796	758	717	681	642	599	524
			Power/W	121	128	135	144	151	159	165	173	181
			Current/A	1.21	1.28	1.32	1.38	1.43	1.47	1.54	1.59	1.64
		5	SCFM	1103	1073	1036	998	967	934	896	855	814
			Power/W	233	241	249	258	265	275	281	286	291
			Current/A	1.97	2.03	2.09	2.16	2.22	2.29	2.34	2.37	2.41

Shaded boxes represent airflow outside the required 300-450 cfm/ton, which are not recommended.

NOTES:

Airflow based upon dry coil at 230V with no electric heat and factory---approved filter.

Electrical data

Model	Air Handler Capacity (kBTU/h)	Electric Heat(kW)	Min. Circuit Ampacity		Max. Fuse or Breaker (HACR) Ampacity		Minimum Heating Blower Speed				
			240V	208V	240V	208V	1	2	3	4	5
MVME24A1MN1OC											
EHK-05A(UL)		5	29	25.5	30	30	•	•	•	•	•
EHK-08A(UL)	24	7.5	42	36.8	45	40	x	x	•	•	•
EHK-10A(UL)		10	55	48.1	60	50	x	x	•	•	•

NOTE:

Heat kit suitable for AHU 4-way position installation.

Ampacities for MCA and Fuse/breaker including the blower motor.

Heat pump systems require a specified airflow. Each ton of cooling requires between 350 and 450 cubic feet of air per minute (CFM), or 400 CFM nominally.

Features:

- Available for cooling and heat pump applications.
- Multi-speed ECM blower motor.
- All-aluminum tubes & fins.
- Common Factory-sealed cabinet certified to achieve 2% or less leakage rate at 1.0 inch water column.
- Multi-position Installation.
- Horizontal and vertical condensate drain pans standard;
- Blower and coil easy slide out for ease of maintenance.
- Field Installed heater kits are optional: 5/7.5/10/15/20kW.
- AHRI Listed & ETL Certified.

Note: Product specifications change from time to time as product improvements and developments are released and may vary from those in this document. Tuttokool has a policy of continuous product and product data improvement and it reserves the right to change design and specification without notice.