

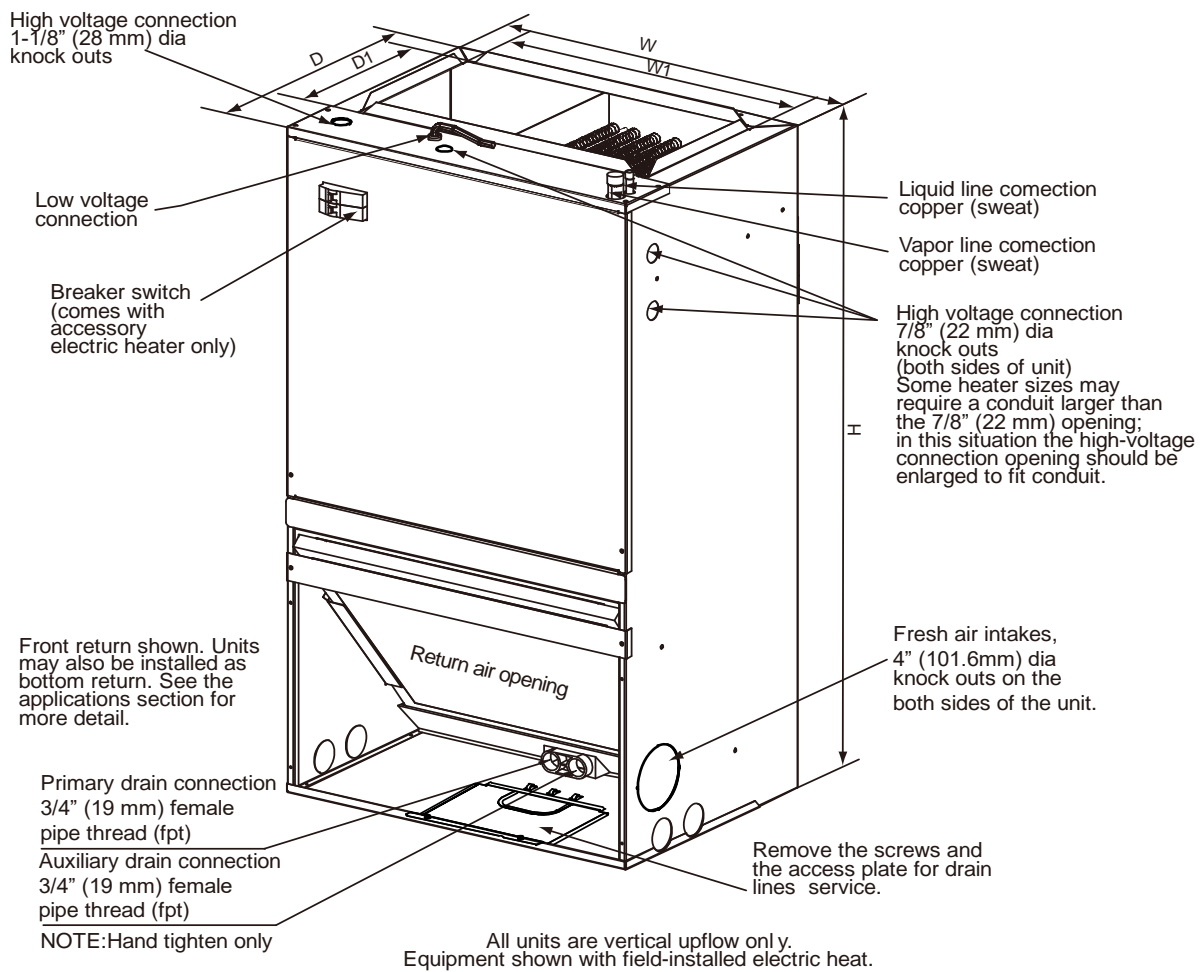
Submittal

TAG:

Wall-Mount

AWM5E251B00A

Cooling capacity: 24 kBTU/h



Model Size	Dimensions- In.					Unit Weight / Shipping Weight Lbs.
	Height H	Width W	Width W1	Depth D	Depth D1	
ECM 24K	36-1/2	20-1/2	17-2/5	15	9-1/2	79/ 95

Specifications

ECM

	AWM5E251B00A
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	2.4
Max. Overcurrent Protection	15
FAN MOTOR	
Motor Type	ECM
Capacitor (uF)	\
Horsepower (HP)	1/3
Rated RPM	1050
Full Load Amps (FLA)	1.9
FAN BLOWER	
Material	Metal
Type	Centrifugal
Diameter(in.)	10-3/4
Height(in.)	6
EVAPORATOR COIL	
Type	Tube & Fin
Tube Material	Aluminum
Tube Size(in.)	9/32
SOUND POWER (dB)	54
REFRIGERANT CONNECTION SIZE	
Liquid Line Size (O.D.)	3/8
Suction Line Size (O.D.)	3/4

Airflow Data

ECM Model	BLOW ER SPEEDS	EXTERNAL STATIC PRESSURE (in.w.c.)									
		0	0.1	0.18	0.2	0.3	0.4	0.5	0.6	0.7	0.8
24	Tap(5)	913	881	848	848	818	792	763	731	691	650
	Tap(4)-Factory	825	787	756	753	717	682	650	617	580	540
	Tap(3)	737	700	666	663	630	589	550	511	474	436
	Tap(2)	675	632	598	596	555	521	480	440	399	366
	Tap(1)	590	548	512	499	455	430	368	338	309	263

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

NOTES:

1. Airflow based upon dry coil at 230V with no electric heat and factory---approved filter. For FMA4X airflow at 208V is approximately the same as 230V because the multi---tap ECM motor is a constant torque motor. The torque doesn't drop off at the speeds in which the motor operates.
2. Airflow is equivalent for front or bottom return configurations.

Features

- Direct-drive, multi-speed motors allow air volume variation for heating / cooling.
 - Multi-speed ECM motor: M14 series
 - Multi-speed PSC motor: M13 series
- Thermoplastic drain pan with bottom primary and secondary drain connections.
- Built-in filter rack.
- Wall-hanging bracket provided.
- Front or bottom return available.
- Optional heating elements of 5kW, 8kW, and 10kW.
- All aluminum coil

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.

