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# SUBMITTAL

## Multi-position Air Handler EAHAEC-36

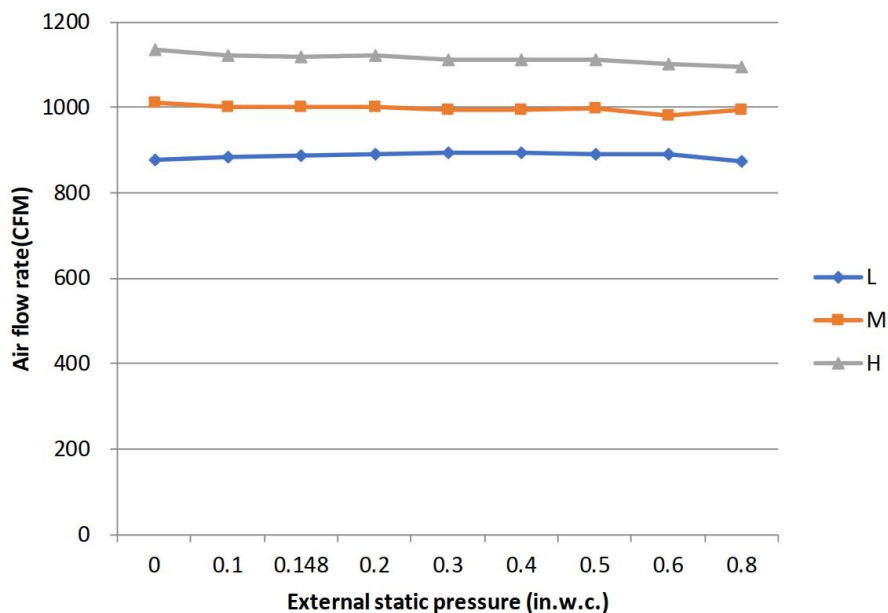


### Product Specifications

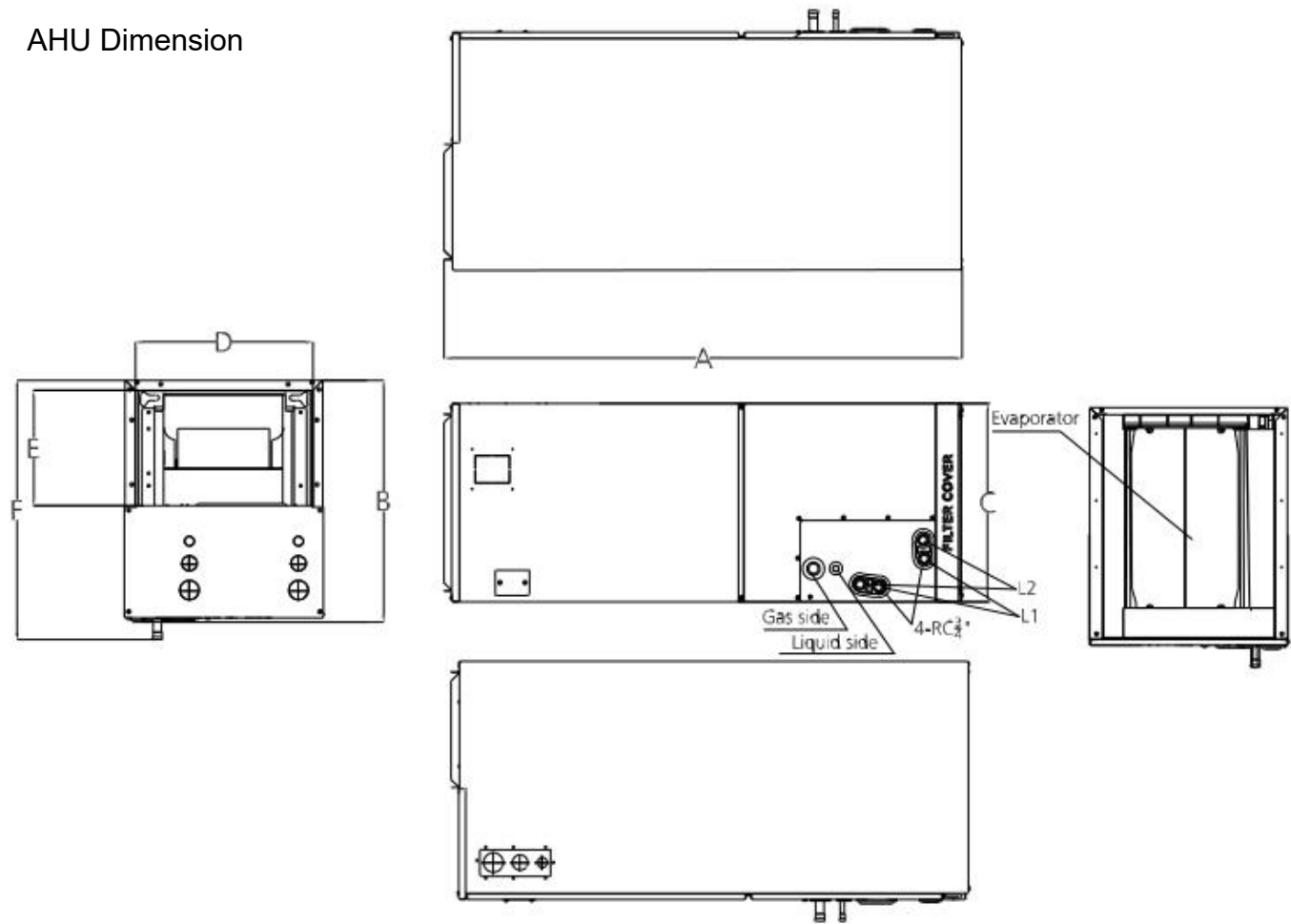
INDOOR UNIT	EAHAEC-36
Voltage-Phase-Hz	208/230-1-60
Minimum Circuit Amps.	5
Indoor Coil Type	Copper Tube With Aluminum Fins
Refrigerant Control	EEV
Dehumidification (L/h)	3.49
Duct Connections	See Outline Drawing
Fan Motor Type	ECM
CFM vs. in. W.G	See Fan Performance
RLA	4
ESP range (in.wg.)	0-0.8
Indoor air flow (H/M/L) (CFM)	1082/971/865
Indoor noise level (H/M/L) [dB(A)]	45/43/41
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 × 49 × 21
Net Weight (LBS)	129.2
Shipping Weight (LBS)	155.6

### 36K

### Fan Performance



AHU Dimension



Model	Unit	Dimension						Drain hole	
		A	B	C	D	E	F	L1	L2
36K	mm	1245	534	534	490	260	585	Primary	Secondary
	Inch	49	21	21	19-5/16	10-1/4	23		

# Mechanical Specifications

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## Full Multi-position installation

This Air Handling Unit (AHU) has the ability to be configured in upflow, downflow, horizontal left, or horizontal right orientations.

## Installation Convenience

It simplifies the airflow volume adjustment process and significantly reduces installation efforts, which saves lots of time and therefore reduces labor cost compared to traditional manual adjustment.

## Easy Fault Code Checking

- With advanced mutual data communication technology, the AHU system can automatically identify the cause of failure and produce a relevant code.
- Installer or user can easily check the fault code displayed on the electric function board by just opening the lid.
- It helps service proactively determine the failure cause, prepare for repairing parts ahead of field maintenance work, greatly improve the work efficiency.

## Nitrogen Charge and Leakage Check Valve

Ecoer SDi AHU is standard with Nitrogen injection to maintain positive pressure of the indoor unit. It is easily to check from the check valve whether there is leakage in the evaporator or not.

## Automatic Airflow Adjustment

When the dust filter or evaporator gets clogged with dust during the operation, the system load and motor torque increase. The unit's MPU (microprocessor) can detect this change and adjust the fan speed to maintain a stable CFM.

