



Making your home Green & Smart

120V AHU



Elevate your heating experience with Ecoer's latest release – the 120V Air Handler featuring Hydronic Heat Kits. This innovative Kit is designed for maximum efficiency in any setting. The added versatility of hydronic heat kits ensures seamless integration with diverse heating systems. Choose Ecoer for a powerful, eco-conscious solution that transforms the way that your customers stay warm.

Features

- 01** Adaptable Design for Any Space – Easily switch between upflow or horizontal right applications (convertible for down-flow or horizontal left).
- 02** Sealed Cabinet for Improved Efficiency - With less than 2% air leakage (meeting Ecoer standard 193), the robust galvanized steel cabinet is fully insulated. It's easy to install following Ecoer's detailed instructions and includes a knockout for duct return.
- 03** Intelligent Motor Control - The constant torque ECM motors are smartly controlled by embedded software, maintaining consistent performance. These motors come pre-programmed from the factory for a hassle-free experience.
- 04** Streamlined Operation with Electronic Control Board - The electronic board simplifies system operation with fewer moving parts. It facilitates various hot water supply connections and includes a blower time delay for enhanced heat/cool extraction. An added feature is the pump, which circulates hot water every 6 hours to prevent coil freeze during the off cycle.
- 05** Flexible Hydronic Heat Kits - Experience elevated heating experience with our factory-installed modular hydronic heat kits and improve the heating versatility for users' comfort
- 06** Efficient DX Coil Design - The high-efficiency DX coil boasts rifled copper tubes and enhanced aluminum fins for maximum heat transfer. Coils are thoroughly tested, nitrogen pressurized, and factory-sealed for reliability. Liquid-line Schrader allows for pre-installation pressure testing. The UV-safe GLP drain pan minimizes condensate and prevents corrosion, and an accessible door makes coil cleaning a breeze.



Dimensions (In.)			
Models	W	H	D
EAHETN-36HA	21	42	23
EAHETN-60HA	21	48	28

Series	Ecoer TDi Pro (with 120V AHU)	
	36K	60K
AHRI Reference NO.	214783999	214784000
Capacity		
Cooling Capacity (BTU)	31600	47000
Heating Capacity (BTU)	35600	53500
SEER2	19	17.5
EER2	12	11.7
HSPF2	9.1	8.4
COP at 5°F	2.0	1.9
HCR at 5°F/47°F	70%	71%
Cold Climate Designation	Yes	Yes
AHU Component		
Fan Motor	Multi-speed ECM	
Outdoor Metering Device	Electronic Expansion Valve	
Indoor Metering Device	Non-bleed R410A TXV	
Modular Hydronic Heat Kits	•	•
Low Leakage Cabinet	•	•
DX Coil	•	•
Galvanized Metal Drain Pan	•	•
Electronic Control Board	•	•
Setting		
4-Way Installation	•	•
Special Functions		
Auto Charge	•	•
Remote Alert	•	•
History Data Review	•	•
Quick Registration	•	•



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