

Pylontech Solution – Air Conditioner

Features & Benefits

- Various airflow modes available
- Unique concealed interface supports left and right wiring
- Professional dehumidifying design, control relative humidity
- Fan speed regulation function as standard, saving energy and low noise
- Electric heating function as standard
- Alarm dry contact support DC220V and AC250V external power supply
- RS485 interface, support modbus protocol
- LCD display with English and Chinese menu makes convenient operation
- Self start when power restart, available varieties of alarm reports and protection functions
- Working normally in high temperature of 55°C
- High reliability: life time >10 years, with minimum maintenance



Parameter	EC20HDNC1U	
Dimensions, Weight & Mount		
External Dimensions (Height x Width x Depth)	mm	746×446×200
External Dimensions (Height x Width x Depth) With Flange	mm	783×483×200
Weight	kg	35
Mounting Method		Door Mounted
Application		Outdoor
Environmental Protection & Performance		
Working Temperature Range	°C	-40 to +55
Noise Level	dB(A)	65
Protection from Dust, Water and Wind Driven Rain		IP 55
Refrigerant		R134a
RoHS Compliant		Yes
Cooling/Heating Capacity		
Cooling Capacity@L35/L35	W	2000/2300
Heating Capacity (Optional)	W	1050
Power Consumption		
Power Consumption@L35/L35	W	850/1000
Current@L35/L35	A	3.8/4.5
Airflow		
Internal Airflow	m3/h	650
Power Supply		
Power Supply Range	V, Hz	187~254,50/60
Rated operating voltage - Controller	V, Hz	230, 50/60
Rated operating voltage - Cooling/Heating System	V, Hz	230, 50/60
Max. Current	A	6.5
Key Components		
Controller		Envicool
Fans		Telecom Level
Compressor		Telecom Level
Heater		Telecom Level
External Materials		
Sheet Metal Parts		SECC + Powder Painting
Color (Optional)		RAL 7035

Pylontech Solution – Fire Extinguisher

General description of FirePro units:

- 1) The fire extinguishers are metal containers of different shapes and sizes.
- 2) The solid, aerosol-forming compound FPC is used (see chemical analysis).
- 3) A special system is built into each container for the independent activation of the fire extinguisher.
- 4) Most models are equipped with a heat-absorbing mechanism (depending on the application).

FirePro units can be supplied with two-sided discharge (exit openings). In this case the aerosol-forming substance is placed together with the activation system in the central part of the container between two heat-absorbing mechanisms and two membranes on the opening where the aerosol exits.

By applying a given amperage to the live parts of the aerosol fire extinguisher, or when a thermal actuation means provides the necessary heat, the extinguishing agent is activated and converted into aerosol. If the aerosol exits via the heat-absorbing elements (if applicable), it is cooled before flooding the protected volume, the fire being extinguished at the same time by retarding the combustion chain reaction.

