Pioneer heat exchanger unit

KHX-140D

Specification

Edition No.: V1.0

Heat Exchanger KHX-140D

FUNCTION

Telca's Air to Air Heat Exchangers are specifically designed for the removal of heat from cabinets containing temperature-sensitive electrical, electronic, or telecommunications equipment. Closed-loop cooling maintains a clean, sealed internal environment to insure optimum performance and maximum life of the enclosed electronics, while protecting against the intrusion of airborne contaminants and humidity.

STANDARD FEATURES

- Low maintenance; csc and refrigerant free
- Quick& easy installation on indoor/outdoor enclosures
- Closed loop cooling for controlled environments
- Rated for indoor/outdoor use
- Efficient coated aluminum heat-transfer core
- Protection category: IP54
- Material: Aluminum

OPTIONAL FEATURES

- SPEED CONTROLLER for 48 VDC models reduces noise, increases life, and has intelligent interface for alarm and servicing.
- THERMOSTAT CONTROL for 115V and 230V models reduces noise.
- CUSTOM PAINT COLOR to match enclosure. (minimum order req.)

CLOSED LOOP COOLING

The closed loop internal circuit protects the enclosed equipment from heat and airborne contaminants in all types of hostile environments. The creation of a controlled environment allows the enclosed equipment to operate under the best possible temperature and environmental conditions.
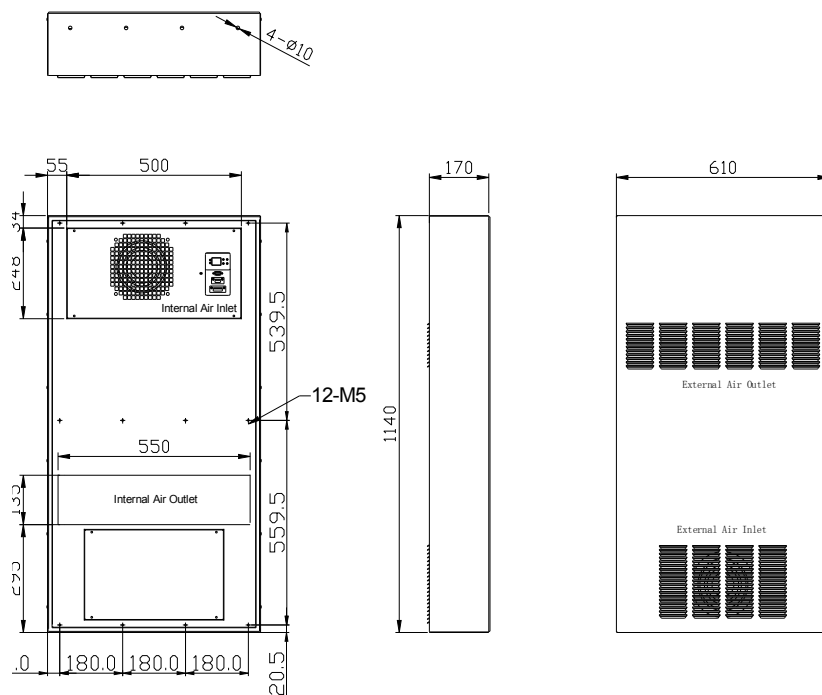
FANS

The internal and external fans of the air to air heat exchanger are designed to ensure maximum airflow levels and counteract the high resistance levels found within densely populated electrical and electronic enclosures in both indoor and outdoor applications.

TECHNICAL DATA

Version	Unit	KHX-140D
Specific thermal output	W / K	140
Heating output	W	1000
Rated operating voltage	V/Hz	48V DC 220VAC/50Hz
Rated operating current	A	4.4 (DC) 4.6 (AC)
Power Consumption	W	200 (DC) 1000 (AC)
Temperature range	℃	-35~55
Height	mm	1140
Width	mm	610
Depth	mm	1700
Weight	Kg	45
Noise	dB	69

Special voltages available on request

DIMENSIONAL DIAGRAM – MOUNTING INTERFACE

RUNNING ALGORITHM