Together we can make a difference

Energy Cool is working to optimize CO2 and ESG initiatives that can improve our green goal of being the world's most sustainable company within our business area.

REUSE REDUCE RECYCLE · CO_2 · ZERO EMISSION DATACENTER · CARBON FOOTPRINT · CRADLE TO CRADLE

ALL RIGHTS RESERVED BY COPYRIGHT©, REGISTERED TRADEMARK® , DESIGN PROTECTION AND PAT. PENDING

Description

The EC Airbox displacement unit is designed to ensure optimal operation and the lowest possible level of power consumption, under the conditions found in unmanned technology rooms. The unit ensures an extreme low noise level, which makes it suitable for installation in populated areas with no negative feedback.

The EC Airbox unit is ideal for smaller to larger rooms because of its compact size and high capacity. A great advantage of the EC Airbox is that it can be placed virtually anywhere. Place it under the ceiling, on the wall, n the floor, or even in an adjacent room to the room you wish to cool.

This makes EC AirBox a perfect solution for rooms with impractical design, such as an attic, with sloping walls.

Installed as stand alone or in corporation with existing Air conditioner, the EC AirBox will ensure power savings up to 97% (depending on local climate conditions) and the equivalent Co2 emission reduction. As well as extending the lifetime of existing cooling units (Total Capex savings on Cooling systems/Air Cons)

Re-circulation is standard on the OR unit, which during colder periods, avoids low temperatures in the room and eliminates the need for a heater.

PRODUCTSPECIFICATION	
Casing material	1 mm galvanized steel plate
Noise level at normal speed*	42 db(a)
Filter	Duo filter w. long life - displacement bag
Maximum power consumption	48 VDC/3A
Ambient temperature	-10°C/+60°C
Power consumption, standby	4 W
Voltage	48 VDC (optional other power inputs can be supplied)
Power consumption	10-110 W (140 W) (factory setting)
Maximum airflow	1728 m^3/h (80% fan speed)
Capacity ventilation	6 kW per unit
Weight	49 kg
DimensionsW x H x D	600 x 600 x 600 mm
Controller	Carel
Master/slave	Up to 12 units

OPTIONS

Ex. 200 x 600 damper

230VAC to 48VDC converter

Hood inlet/outlet

A Cool World of Energy

ALL RIGHTS RESERVED BY COPYRIGHT©, REGISTERED TRADEMARK® , DESIGN PROTECTION AND PAT. PENDING