



HC Manufacturers (Pty) Ltd

Medium Clip On Unit (MCP)

MCP

SL-MCP-01/2007

MEDIUM CLIP ON UNIT (MCP)

The all new HC Manufacturers Medium Clip On Package Unit (MCP). Specifically designed and manufactured to face the challenges of modern Data Centres and E-houses, whether locally or in the furthest reaches of Africa.

With a fully integrated condenser and all-aluminium powder coated construction, the unit is simply bolted to the outside of any structure, and once supplied with power is ready to run without any refrigeration work.

Its large interconnecting coils provide a Sensible Heat Ratio close to 1 to ensure rated capacity is always achieved in ambient conditions up to 45°C, whilst the high-power EC plug fans ensure there's always enough pressure to meet your under-floor airflow distribution requirements. A high ambient version is available on request.



STANDARD FEATURES

- Easy mounting, reassembly free, ready to run.
- Advanced microprocessor control with scheduling, lead/lag & failover, service reminders, alarm monitoring, logging and close control.
- IP65 Electrical box door.
- Sans 10142 compliant wiring with PLC & mechanical safeties.
- Easy to maintain, high-thermal efficiency rifle-bore tube & coated fin.
- Adaptive airflow with high ESP EC Plug Fans to suit under-floor ventilation & hot-aisle/cold-aisle applications.
- Airflow pressure transducer to monitor required airflow and identify blocked filters.
- Light-weight all-aluminium powder coated frame for easy mounting and shipping with excellent corrosion resistance.
- Side by side mounting compatibility with top-discharge Condenser air to avoid condenser recirculation in high ambient conditions.

