

MPCU

ENERGY EFFICIENT PACKAGED UNITS



Complete solution
for high, medium and
low temperature
applications

Pre-wired, pre-tested
and pre-commissioned
for fast, easy site setup



MPCU ENERGY EFFICIENT PACKAGED UNITS

- All MPCU units are fitted with energy efficient EC Axial fans as standard
- 3 standard unit sizes - 2 fan, 3 fan & 4 fan
- For high, medium & low temperature applications
- Dual temperature versions
- Available as a bespoke designed unit - specification to customer requirements
- Fully treated acoustic compressor deck
- Noise reduction options
- Compliant scroll compressors
- Semi-hermetic reciprocating compressors
- Integrated air cooled condenser- copper tubes with options on fin material
- HFC refrigerants: R404A R407C R407A R410A
- Locates against an outside wall- only 1m deep maximum
- Corrosion resistant casework- any RAL colour available
- Complete controls console- all pre-wired and tested
- Only requires final mechanical and electrical connections on site
- Pre-tested and commissioned prior to delivery



STANDARD DATA ACROSS RANGE

2, 3 or 4 x 630mm Axial EC Fans

380/440/3/50Hz Power Supply

Noise Data at 10m Free Field

maximum conditions 11°KTD
34°Cdb Air on to condenser **30dB(A) to 54dB(A)**

Noise Data at 10m Free Field

night set back conditions
20°Cdb Air on to condenser **29dB(A) to 42dB(A)**

Condenser

Cu/AV Standard Air 1.202kg/m3 density - coil design varies

Compressors

3, 5 or 7 x Copeland compliant scroll

Parameters

13°C to 20°C Suction Gas Return Temp ; 5°K Natural Liquid
Sub-Cooling ; 5K Useful Superheat



**Manufactured
in the UK**

www.dcggroup.uk.com
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