

# Mce3.0 & Mce4.0



## Low GWP Portable Monoblock Air Conditioner

'High performance, energy efficient portable cooling solutions for today's environmentally conscious market'

The **Mce3.0** and **Mce4.0** are latest powerful portable air conditioning units in our environmentally conscientious air conditioning range.

Hot on the heels of our pioneering use of low GWP refrigerants, the latest additions to the Mce range represent the next stage in the environmental evolution of portable air conditioning.

Traditional synthetic refrigerants are not only greenhouse gasses thousands of times more potent than CO<sub>2</sub>, but once in the atmosphere they're almost impossible to breakdown, which is why they've become known as 'forever chemicals'.

As a completely natural refrigerant R290 promises all the cooling performance required but without the toxic legacy of forever chemicals. Not only that, R290 also has a greater coefficient of performance, meaning better energy efficiency and lower running costs, as well as a GWP (Global Warming Potential) of just 3, compared to R410a's GWP of 2033, and an ozone depletion rate of 0.

And what's more; with up to 4kW of cooling delivered at up to 800 m<sup>3</sup>/hr there is absolutely no compromise in performance.

Both the Mce3.0 and Mce4.0 are true spot coolers that can be used to help make working environments more comfortable on hot, stuffy days. Featuring a steel body, locking castors and quiet operation these versatile units can be used anywhere from the plant room to reception, from shops to server rooms and factories to events.

Not just a spot cooler!

The Mce3.0 and 4.0 also boast multifunction versatility. By using the mode button on the controller the user can switch between functions:

### Room Cooling

Cool and maintain the temperature of a room. Simply set the thermostat to your desired temperature and let the unit maintain it.

### Spot Cooler

Got a machine or server that needs a blast of cold air? Use the directional ducting to deliver cool air straight to where it's needed. The Mce4.0 has two cold air discharge hoses so a single unit can be used to cool two area's.

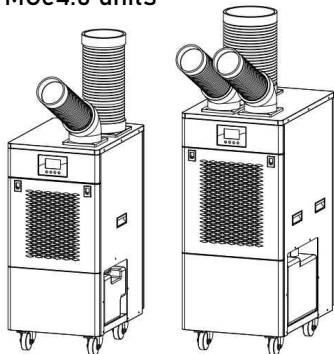
### Fan Only

If the temperature's fine but the room's a little stuffy simply use the fan only mode to improve air circulation. The fan speed can be adjusted to suit using the electronic controller, while the refrigeration system remains inactive greatly reducing energy usage.

### Dehumidifier

By reducing the evaporator fan speed to a minimum, the unit can be used to maximise moisture removal from the air. This dehumidification effect can help reduce condensation and damp in an Environment.

Illustration of Mce3.0 and Mce4.0 units



Full image library coming soon!

### Specifications

- **Model** Mce3.0
  - **Supply** 13A 230v
  - **Nominal Cooling Capacity** 3kW
  - **Rated Power** 1.2kW
  - **Nominal Running Current** 3.6A
  - **Air Volume** 520m<sup>3</sup>
  - **Cooling Ducting** 1x150mm
  - **Exhaust Ducting** 200mm
  - **Weight** 55kg
  - **Refrigerant** R290
  - **Max Discharge Pressure** 2.8Mpa
  - **Dimensions** 400x540x88mm
  - **Operating range** 18°C-45°C
  - **IP Rating** IP2X
  - **Noise** 50-60db
  - **Removable filter, lockable castors, large volume condensate tank, cooling and exhaust duct supplied as standard**
- **Model** Mce4.0
  - **Supply** 13A 230v
  - **Nominal Cooling Capacity** 4kW
  - **Rated Power** 1.7kW
  - **Nominal Running Current** 7.5A
  - **Air Volume** 800m<sup>3</sup>
  - **Cooling Ducting** 2x150mm
  - **Exhaust Ducting** 200mm
  - **Weight** 75kg
  - **Refrigerant** R290
  - **Max Discharge Pressure** 2.8Mpa
  - **Dimensions** 440x620x1010mm
  - **Operating range** 18°C-45°C
  - **IP Rating** IP2X
  - **Noise** 50-60db

### Get In Touch

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