SPC CurveVector Cassette Heater

Ceiling-Mounted Heating with 360° Air Distribution

The CurveVector cassette heater offers versatile installation, fitting discreetly into standard 600mm x 600mm suspended ceiling grids or integrating seamlessly into modern open ceilings. It delivers powerful, even heating throughout the room while keeping floors and walls free for furniture and fittings. With its innovative circular air discharge and whisper-quiet operation, it's the ideal solution for schools, offices, shops, libraries and public spaces.

Key Features

Feature	Benefit
360° Circular Discharge	Even temperature distribution eliminates cold spots
Space-Saving Design	Ceiling-mounted – leaves walls and floors clear
LTHW Compatible	Works efficiently with heat pumps and condensing boilers
EC Fan Motor	Energy-efficient operation, low running costs
Quiet Operation	From 29 NR – ideal for noise-sensitive environments
Quick Installation	Fits standard ceiling grids with adjustable mounting
Low Maintenance	Reliable EC motor with thermal protection

Performance Summary

At 82/71°C Water Temperature:

- Output Range: 6.3 - 8.4 kW
- Airflow: 107 - 158 l/s
- Noise Levels: 29 - 39 NR

At 60/40°C Water Temperature:

- Output Range: 4.2 - 5.9 kW
- Ideal for low temperature condensing boiler systems

At 45/35°C Water Temperature:

- Output Range: 2.9 - 4.1 kW
- Ideal for heat pump systems

Technical Data

Dimensions:
- **Ceiling tile:** 600 x 600mm
- **Height above ceiling:** 300mm
- **Weight:** 32kg

Electrical:
- **Supply:** 230V / 1ph / 50Hz
- **Max current:** 1.6A
- **Max fan power:** 155W

Coil Options:
- **H2:** 2-row coil
  (higher output at standard temperatures)
- **H3:** 3-row coil
  (enhanced performance at lower temperatures)

Connections:
- **Pipework:** 22mm copper
- **Max operating pressure:** 8 bar

Control Options

- Remote on/off, change speed and summer/winter switches
- On/off, change speed and proportional thermostats
- Adjustable low water temperature cut-outs

Ideal Applications

✓ Schools, universities and colleges
✓ Offices and reception areas
✓ Retail shops and showrooms
✓ Libraries and museums
✓ Banks and public buildings
✓ Healthcare waiting areas
✓ Any space requiring unobstructed walls and floors

Why Choose the CurveVector?

- Ceiling-mounted – maximises usable space
- 360° distribution eliminates cold spots
- Invisible from room level
- Tamper-proof installation
- Ideal for spaces with high ceilings

Installation

Smart Suspension System:
- Install before or after ceiling fitting
- Adjustable in any direction for perfect alignment
- Minimal effort required
- Two suspension brackets supplied

Simple Connections:
- Side-mounted pipe connections (22mm)
- Rotatable grille for optimal discharge
- Thermal protection built-in

Standard Supply Includes

✓ Complete cassette heater unit
✓ Two suspension brackets
✓ Two air discharge adjustment strips
✓ White grille (RAL 9016)
✓ Thermal overload protection
✓ Installation instructions

SPC PART OF THE CARVER GROUP

SPC, SPC House, Evington Valley Road, Leicester LE5 5LU
T: 0116 249 0044 **E:** spc@spc-hvac.co.uk **spc-hvac.co.uk**

MADE IN BRITAIN