

## Climavent RPC Series Reverse Jet Filtration Unit



Stock No	<a href="#">EE2226</a>
Manufacturer	<a href="#">Climavent</a>
Model	RPC24/23.5
Year of Manufacture	2012
Serial	PDI 1409
Condition	From a working environment, Excellent Condition, Current Model
Approx Duty CFM / M <sup>3</sup> /Hr	11,770cfm // 20,000 M <sup>3</sup> /Hr : 24 Cartridge
Filter Area ft <sup>2</sup> / m <sup>2</sup>	6070ft <sup>2</sup> // 564m <sup>2</sup>
Other Info	Horizontal Downflow Reverse Pulse.
Location	Our Central Warehouse, Aldridge, UK
External Dimensions (WxDxH mm)	2500 x 3050 x 4600

### Description

## RPC Series Reverse Jet Filtration Unit

Climavent's RPC Series Reverse Jet Filtration Units are supplied with horizontally mounted filter elements and work on the down-flow principle. During normal operation, dust laden air enters the unit at high level and is directed downwards through the dust collector. The heavier particulate falls directly into the hopper and finer particles are removed by the cartridge filter. The unique construction, coupled with single valve per cartridge filter cleaning, ensures maximised extraction performance with low filter resistance.

The Climavent RPC dust collection units are suitable for collecting dust and fume from a wide range of applications, including, cold spray, plasma, arc, laser, flame and high velocity oxy fuel (HVOF) spraying and cutting applications

Ideally suited for the following applications:

- Welding Fume
- Thermal Spraying
- Plasma Cutting
- Food Processing

Centrifugal fans are normally supplied separately to be installed at the side of the filtration units. Alternatively the filter units can be manufactured as fully integral compact dust collectors, offering a more compact solution for extraction within a confined space.

### Fan Details

- 22kW 29.5Hp Fan.
- Pressure 2943Pa
- 1460 rev/min.
- Direct drive
- Inlet & outlet Ø625 mm
- 5.55M<sup>3</sup>/Sec.

### Explosion protection options...Not fitted

- Standard Explosion Relief Panel.
- Flameless Explosion Relief Valves.
- Explosion Isolation Valves.
- Suppression Systems.
- ATEX Zoned Fans & Motors.

### Available options...Not Fitted

- Anti-Static or Sintexx cartridge filters.
- Bespoke support steelwork.
- ATEX compliant.
- Continuous discharge valves.
- UN rated dust collection drums c/w level probes.

HW 25.06.25

**Photographs taken prior refurbishment. Our refurbishment service is not available on all machines.**