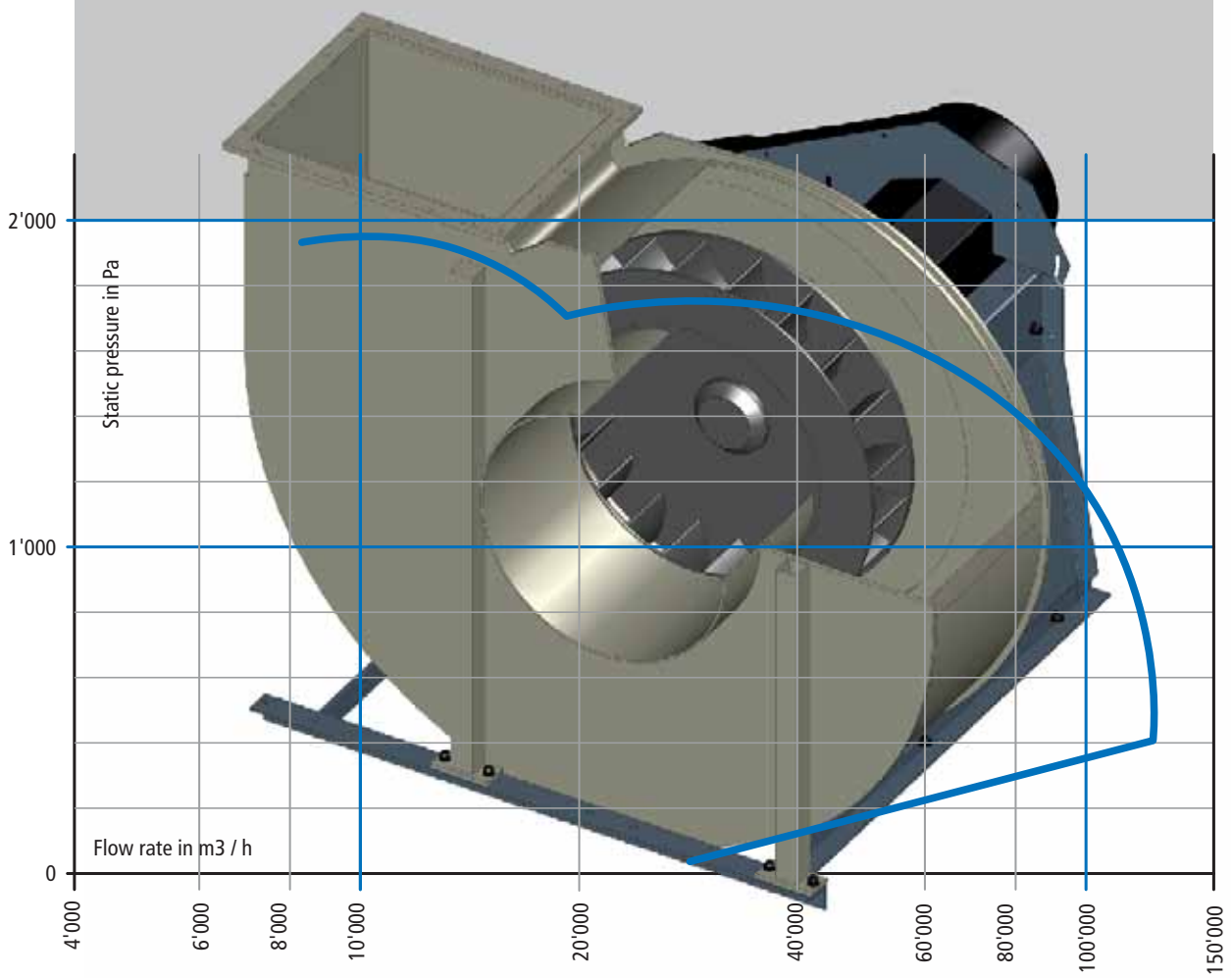


FANS

# CMV 450 - 1250

Medium pressure  
radial fan in plastic  
Direct- or V-belt drive



[www.colasit.com](http://www.colasit.com)

**Performance**

Flow rate:	min. 2'900 m <sup>3</sup> /h to max. 127'000 m <sup>3</sup> /h
Static pressure:	min. 200 Pa to max. 1'900 Pa
Efficiency:	max. 64 %
Inlet-Ø:	450, 500, 560, 630, 710, 800, 900, 1000, 1120, 1250 mm

**Housing**

- Self-supporting plastic design, welded
- Available in: PP, PPs, PPs-el, PE, PVC, PVDF
- 6 different outlet positions

**Impeller**

- 20 forward-curved blades
- Tested on an overspeed test stand
- transmission via standard taper lock system
- Balanced dynamically and statically in two ranges, balancing quality Q 6.3
- available in: PPs, PPs-el, PVDF

**Support**

- sturdy metal construction
  - up to model 800,
    - galvanised
    - stainless steel
  - model 900 and higher, profile construction, pot-galvanised

**Drive**

- |               |  |
|---------------|--|
| Direct drive: | - Impeller is mounted directly onto the motor shaft  |
| V-belt drive: | - Power transmission via V-belt<br>- Impeller shaft is supported by heavy-duty self-aligning ball or roller bearings |
| Motor:        | - Three phase motor <ul style="list-style-type: none"> <li>- one / multi-stage</li> <li>- Foot motor</li> </ul>      |

**EX-Protection**

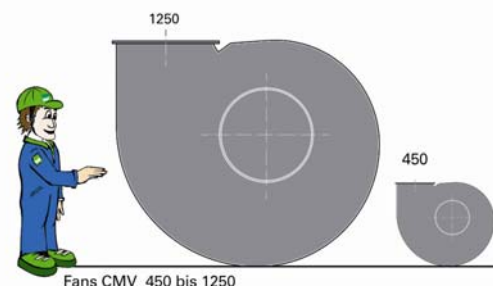
CMV 450 – 800 in ATEX. Available for zone 1 + 2

**Hub seal**

- Standard hub seals
- Lip seal simple or double (V4A or Hastelloy)
- Back absorption
- Sealing gas
- Back plates

**Accessories**

- PVC sleeve with fixing bands, stainless
- PVC sleeve with flange
- Conterflange
- Drain
- Vibration absorber for ground erection
- Splinter protection
- Weather-proof motor cover for outside installation
- Inspection hole
- Frequency converter IP 66 / IP 54 / IP 20

**Dimensions**

COLASIT AG  
Plastic construction  
CH-3700 Spiez

