

**Performance**

Flow rate: min. 3000 m<sup>3</sup>/h to max. 130'000 m<sup>3</sup>/h  
 Static pressure: min. 300 Pa to max. 1'900 Pa  
 Efficiency: max. 70 %  
 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  
 - Impeller shaft is supported by heavy-duty self-aligning ball or roller bearings

Motor: - Three phase motor
 

- one / multi-stage
- Foot motor

**EX-Protection**



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

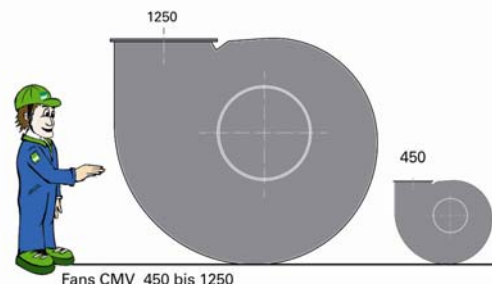
**Hub seal**

- 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

