

Performance

Flow rate: min. 3000 m³/h to max. 130'000 m³/h
 Static pressure: min. 300 Pa to max. 4'200 Pa
 Efficiency: max. 70 %
 Inlet-Ø : 450, 500, 560, 630, 710, 800, 900, 1000, 1120, 1250mm

Housing

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

Impeller

- 12 forward curved blades
- Tested on an overspeed test stand above nominal rate
- Torque transmission via standard taper lock system
- Balanced dynamically and statically in two ranges, balancing quality Q 6.3
- Available in: PP, 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



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

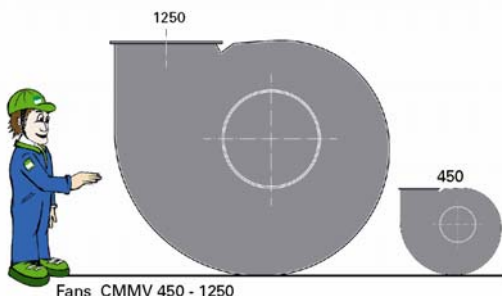
Hub Seal

- 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
- Counterflange
- 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



Fans CMMV 450 - 1250

COLASIT AG
 Plastic construction
 CH-3700 Spiez

