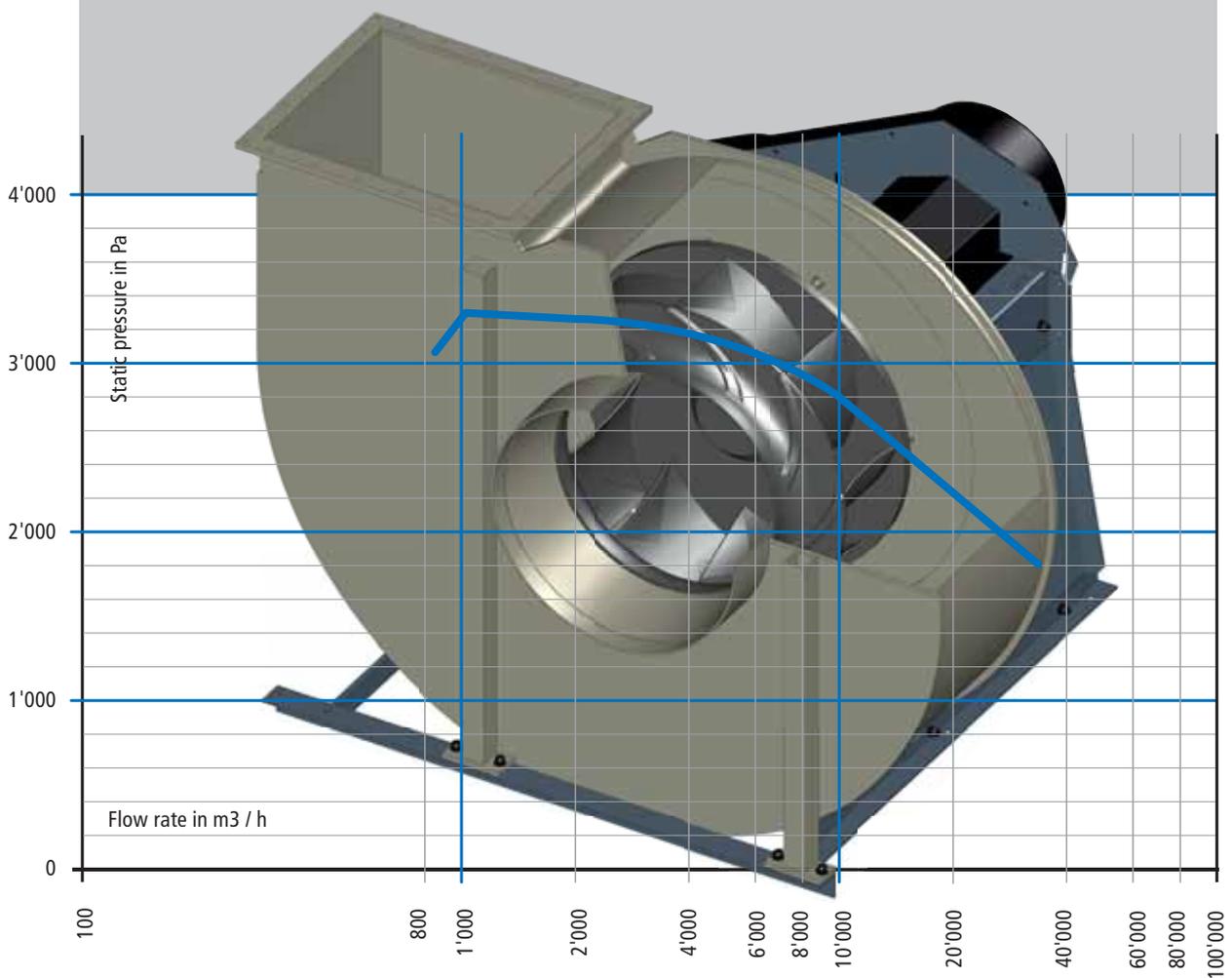


FANS

CMHV 450 - 1250



High efficiency
medium pressure
radial fan in plastic
Direct- or V-belt drive



www.colasit.com

Performance

Flow rate:	min. 2'900 m ³ /h to max. 100'000 m ³ /h
Static pressure:	min. 200 Pa to max. 3'000 Pa
Efficiency:	max. 76 %
Inlet-Ø:	450, 500, 560, 630, 710, 800, 900, 1000, 1120, 1250 mm

Housing

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

Impeller

- High efficiency impeller (Patent angemeldet)
- 8 backward curved blades
- Mechanically welded
- Tested on 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-glass fibre reinforced

Support

- Sturdy metal construction
 - up to size 800
 - galvanized
 - stainless steel
 - From size 900 and higher, profile-construction, hot-dip galvanized

Drive

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

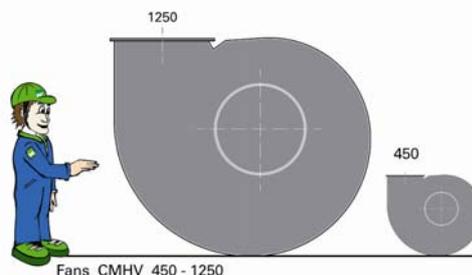
Hub seal

- 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



COLASIT AG
Plastic construction
CH-3700 Spiez

