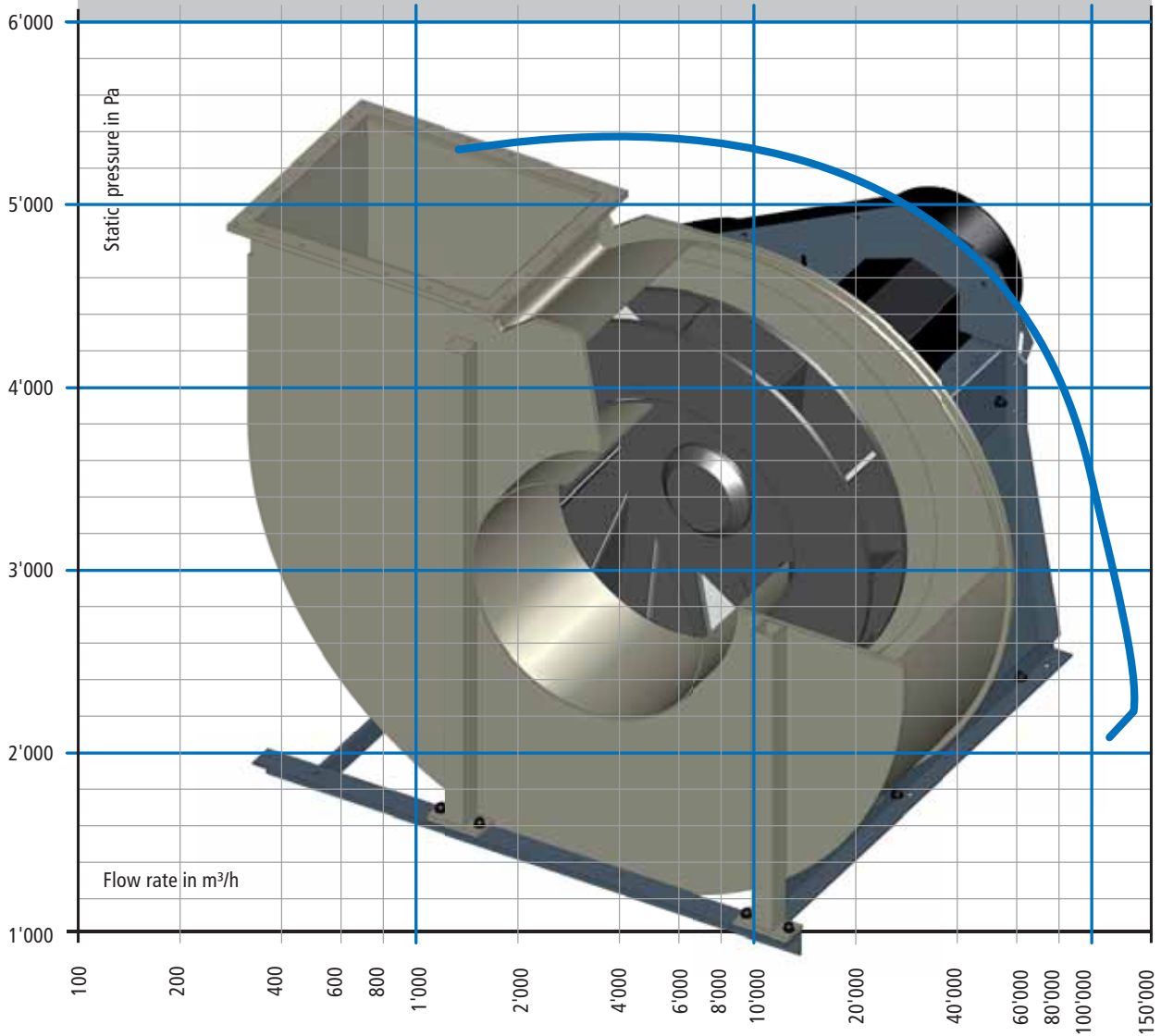


FANS

# CHVN 315 - 1250



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



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

**Performance**

Flow rate:	min. 1500 m <sup>3</sup> /h to max. 132'000 m <sup>3</sup> /h
Static pressure:	min. 400 Pa to max. 5'300 Pa
Efficiency:	max. 72 %
Inlet-Ø:	315, 355, 400, 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**

- 12 backward-curved blades
- available in: PP, PPs-el, PVDF
- Tested on an overspeed test stand
- Torque transmission via a standard taper lock system
- balanced dynamically and statically in two ranges, balancing quality Q 6.3
- Tip speeds up to 90 m/s possible

**Support**

- Sturdy metal construction up to model 710
  - galvanised
  - stainless steel
- model 800 and higher, profil-construction, hot-dip galvanized

**Drive**

- |               |   |
|---------------|---|
| Direct drive: | - Impeller is mounted directly to the motor   |
| V-belt drive: | - Power transmission over v-belt drive<br>- Impeller shaft is supported by heavy-duty self-aligning roller bearings |
| Motor:        | - Three-phase motor<br>- one / multi-stage<br>- Foot motor  |

**EX-Protection**

CHVN 315 – 710 in ATEX. Available zone 1 + 2

**Hub seal**

- Standard hub seal
- 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**