



testovent[®] 410 / testovent[®] 415

Volume flow measuring funnel for measuring the extraction capacity in ventilation units

In combination with thermal or vane anemometers the funnel for measuring volume flow facilitates the measurement of volume flow (in m³/h). The funnels can be used in ventilation units which extract air from rooms via adjustable cross-sections.

You can choose between two funnels with different dimensions in accordance with the size of the air opening and the volume flow. A maximum edge length for the measurement opening of 330 mm and a max. diameter of 340 mm apply to the testovent[®] 410 funnel. A maximum edge length of 190 mm and a max. diameter of 210 mm apply to the testovent[®] 415 funnel.

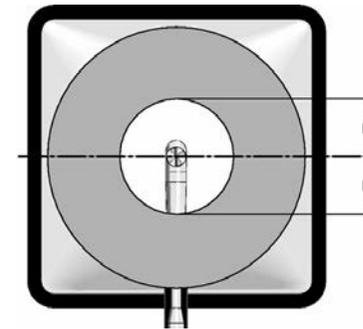
The following measuring units are available for measuring velocity speed.

Velocity probe (probe measuring range)	In combination with measuring instrument	Application range of measuring funnel (with reference to probe meas. range) testovent [®] 410 / testovent [®] 415
0635.9540	testo 400, testo 445, testo 454	20 to 400 m ³ /h
0635.1041	testo 400, testo 445, testo 454	20 to 400 m ³ /h
0628.0005	testo 400, testo 445, testo 454	20 to 400 m ³ /h
0635.9443	testo 400, testo 445	20 to 400 m ³ /h
0635.9544	testo 435	20 to 400 m ³ /h
0635.1043	testo 435	20 to 400 m ³ /h
0635.1044	testo 435	20 to 400 m ³ /h
0560.4250	testo 425 with velocity probe	20 to 400 m ³ /h
0560.4051	testo 405 with integrated velocity probe	20 to 200 m ³ /h

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Measuring

- Fit the velocity probe to the handle of the funnel. Position the velocity probe in the centre of the funnel cross-section. Note from which direction the air comes.
- Fasten velocity probe with rotating clamping wheel to prevent shifting.
- Position the funnel with the rubber ring side over the ventilation unit on the wall. The rubber ring must be firmly attached to the wall.
- Switch on measuring instrument and read value.
- Multiply measurable (m/s) with funnel factor to get the volume flow (m³/h).



Volume flow can be shown directly in the instruments **testo 400, testo 405, testo 435** and **testo 445**. To do this, the following input is required:

- **testo 435** and **testo 445** enter the funnel factor.
- **testo 400** instead funnel factor input of diameter 8.82 cm.
- **testo 405** instead funnel factor input of surface 0.006 m².

Technical data for testovent[®] 410

Application range:	20 to 400 m ³ /h 0 to +50 ° C
Max. deviation:	±10 %
Funnel factor:	22
Max. Ø of opening:	340 mm
Max. edge length of meas. opening:	330 mm
Dimensions:	Area: 370 x 370 mm Height: 460 mm
Weight:	1.808 g

Technical data for testovent[®] 415

Application range:	20 to 400 m ³ /h 0 to +50 ° C
Max. deviation:	±10 %
Funnel factor:	22
Max. Ø of opening:	210 mm
Max. edge length of meas. opening:	190 mm
Dimensions:	Area: 240 x 240 mm Height: 335 mm
Weight:	786 g

Ordering data

Volume flow funnel testovent[®] 410 with bag	0554.0410
Volume flow funnel testovent[®] 415 with bag	0554.0415

