



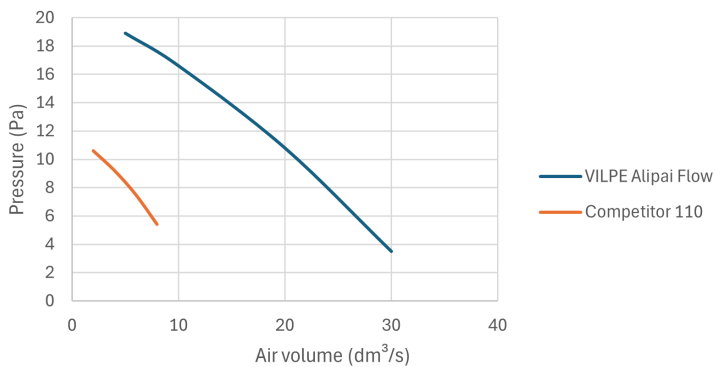
Innovative and Easy

Ventilation Test Demonstrates Superior Performance of VILPE® Products Over Metallic Turbine Ventilators

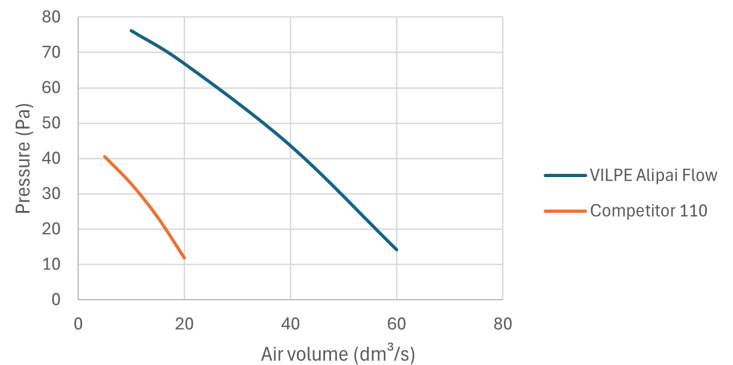
In a test conducted by the engineering firm W. Zenner Oy, the effectiveness of ventilation products was investigated. The study compared the performance of VILPE 160P/IS/700 FLOW (Ø160) and VILPE Alipai underpressure air vent (Ø110) from VILPE Oy to rotary metallic turbine ventilators (Ø110 and Ø160) offered by a competitor.

The measurements adhered to industry standards (SFS-EN 13141-5:2020). Calibrated air velocity probes were utilized in a wind tunnel. The assessment considered different duct velocities, with pressure differences measured at wind speeds of 8 and 16 m/s. Performance curves were generated using regression analysis (see figures).

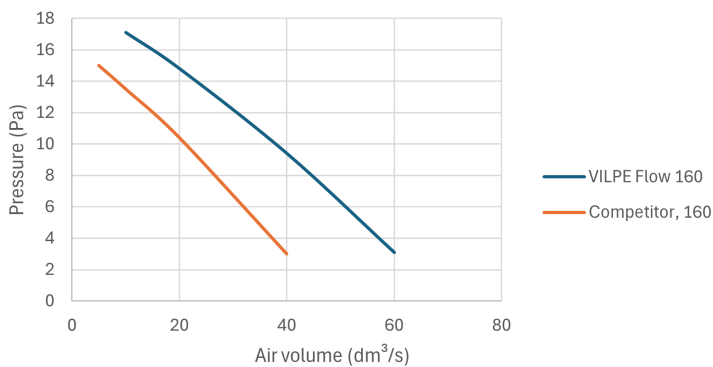
Wind speed 8 m/s



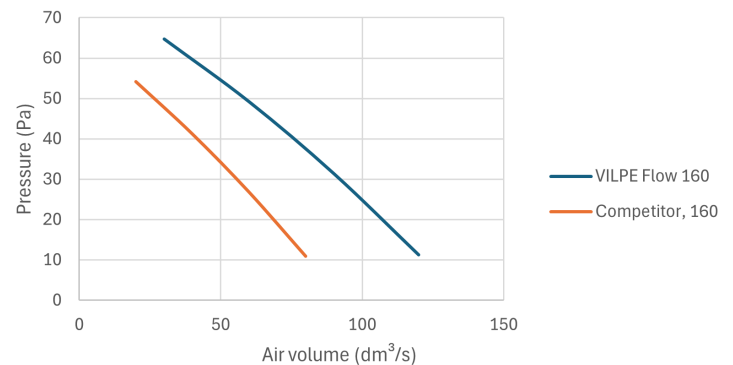
Wind speed 16 m/s



Wind speed 8 m/s



Wind speed 16 m/s



The results demonstrate that both VILPE 160P/IS/700 FLOW (Ø160) and VILPE Alipai underpressure air vent (Ø110) surpassed metallic turbine ventilators in creating more airflow in the ventilation duct when the products were installed upright.

For more detailed information and additional insights, please contact sales@vilpe.com.