



**Accredited to LST EN ISO/IEC 17025:2018**

**JSC „SIVENTA”**

Ragainės str. 100, LT-78109 Šiauliai

**SCOPE OF ACCREDITATION**  
(flexible)\*

Materials or products tested	Component, parameter or characteristic to be tested	Reference number of the document specifying test methods, clause	Techniques, methods and/or equipment used
Fans and air handling equipment	Fan pressure, fan static pressure Air mass and volume flow Fan power input Fan efficiency, fan static efficiency	LST EN ISO 5801 except ch. 8.6, 9.5; annex A.5, A.6	Fan performance testing using standardized airways Pressure difference method. Air flow measurement with pressure differential devices. Electrical input power determination by wattmeter method Efficiency calculation
Residential ventilation units	External and internal leakage Carry-over of exhaust air to the supply air	LST EN 13141-7 ch. 7.2.1.2, 7.2.1.3	Pressure difference test method. Tracer gas test method
Residential ventilation units	Air flow/pressure characteristic Electric power input Specific power	LST EN 13141-7 ch. 7.2.2	Fan performance testing using standardized airways Pressure difference method Air flow measurement with pressure differential devices Electrical input power determination by wattmeter method Efficiency calculation
Residential ventilation units	Temperature and humidity ratios	LST EN 13141-7 ch. 7.3 except 7.3.7	Temperature and relative humidity measurement method



Materials or products tested	Component, parameter or characteristic to be tested	Reference number of the document specifying test methods, clause	Techniques, methods and/or equipment used
All types of noise source (max. dimensions a×b×h: 4m×4m×3,5 m)	Sound power level measurement A-weighted sound power level Sound power levels in 1/1 and 1/3 octave bands (50 – 10000) Hz	LST EN ISO 3744	Sound pressure level measurement An essentially free field over a reflecting plane
Residential ventilation units	Sound power level measurement A-weighted sound power level Sound power levels 1/1 and 1/3 octave bands (63 – 8000) Hz	LST EN 13141-7 ch. 7.4.2	Sound pressure level measurement. An essentially free field over a reflecting plane
Residential ventilation units (duct diameter from 100 to 400 mm)	Sound power level measurement A-weighted sound power level Sound power levels in 1/1 and 1/3 octave bands (63 – 8000) Hz	LST EN 13141-7 ch. 7.4.3	Determination of sound power radiated into a duct by fans and other air moving devices
Air handling units, recuperators, heat recovery devices	External and internal leakage Carry-over of exhaust air to the supply air	LST EN 308 ch. 5.2, 5.3	Pressure difference test method. Tracer gas test method
Air handling units, recuperators, heat recovery devices	Temperature and humidity ratios	LST EN 308 ch. 5.5	Temperature and relative humidity measurement method
Air handling units, recuperators, heat recovery devices	Pressure drop	LST EN 308 ch. 5.6	Pressure difference method
Air handling units	Casing air leakage	LST EN 1886 ch. 6	Pressure difference method
Air handling units	Filter bypass leakage	LST EN 1886 ch. 7	Pressure difference method



Materials or products tested	Component, parameter or characteristic to be tested	Reference number of the document specifying test methods, clause	Techniques, methods and/or equipment used
Air handling units	Acoustic insulation of casing Sound power levels in 1/1 and 1/3 octave bands (125 – 8000) Hz	LST EN 1886 ch. 9	Sound pressure level measurement. An essentially free field over a reflecting plane
Ducted silencers and air terminal units	Insertion loss Sound power levels in 1/1 and 1/3 octave bands (50 – 10000) Hz	LST EN ISO 7235 ch. 6.2	Sound pressure level measurement. Sound pressure level difference method
Ducted silencers and air terminal units	Total pressure loss Total pressure loss coefficient	LST EN ISO 7235 ch. 6.5	Pressure level measurement. Pressure difference method

\*Defined and applicable for the whole accreditation scope following degrees of flexibility:  
- application of the updated documents of test methods already covered by accreditation or replacing them.

Actual scope of accreditation is published on the website [www.siventa.lt](http://www.siventa.lt)

Deputy Director

Tadas Juodelis

Note. In case of any discrepancies, ambiguities or disputes regarding the subject matter content between the English and Lithuanian versions of the document, the Lithuanian version shall prevail.