

ACCREDITATION CERTIFICATE

No. LA.105-01

Lithuanian National Accreditation Bureau hereby certifies that

complies with the requirements of

JSC „Siventa“

LST EN ISO/IEC 17025:2018

legal entity: UAB „Siventa“
legal entity code: 303551435

and is competent to perform:

testing of leakage, aerodynamic, thermal and acoustic characteristics of ventilation units, recuperators, heat recovery devices, air handling units

The scope of accreditation below is an integral part of this certificate. Locations of the conformity assessment body are specified in the scope of accreditation

Initial accreditation date: **2019-08-28**

Certificate issued / valid since: **2024-08-28**

Version of: **2024-08-07**

Expiry date: **2029-08-27**

Director



DALIA BALEŽENTĖ

The certificate may be changed, its validity suspended or withdrawn by the decision of the National Accreditation Bureau. Information on the actual data of accreditation certificates may be verified at nab.lrv.lt



JSC „Siventa“, accredited in accordance with LST EN ISO/IEC 17025:2018

Location of the conformity assessment body

Ragainės str. 100, LT-78109 Šiauliai

Materials or products tested	Component, parameter or characteristic to be tested	Reference number of the document specifying test methods, clause (if relevant)	Techniques, methods and/or equipment used (where appropriate)
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 Internal transfer ratio from extract 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
	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
	Temperature and humidity ratios	LST EN 13141-7 ch. 7.3 except 7.3.7	Temperature and relative humidity measurement method
	Sound power level measurement A-weighted sound power level Sound power levels 1/1 and 1/3 octave bands (31,5 – 10000) Hz	LST EN 13141-7 ch. 7.4.2	Sound pressure level measurement. An essentially free field over a reflecting plane

Materials or products tested	Component, parameter or characteristic to be tested	Reference number of the document specifying test methods, clause (if relevant)	Techniques, methods and/or equipment used (where appropriate)
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 (31,5– 10000) Hz	LST EN ISO 3744	Sound pressure level measurement. An essentially free field over a reflecting plane
Residential ventilation units (duct diameter from 100 to 500 mm)	Sound power level measurement A-weighted sound power level Sound power levels in 1/1 and 1/3 octave bands (31,5 – 10000) 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 static internal leakage	LST EN 308 ch. 6.1.2.1, 6.1.2.2	Pressure difference test method
	Efficiency test	LST EN 308 ch. 6.1.5	Temperature and relative humidity measurement method
	Pressure drop	LST EN 308 ch. 6.1.3	Pressure difference method
Air handling units	Casing air leakage	LST EN 1886 ch. 6	Pressure difference method
	Filter bypass leakage	LST EN 1886 ch. 7	Pressure difference method
	Acoustic insulation of casing Sound power levels in 1/1 and 1/3 octave bands (31,5– 10000) 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 (31,5 – 10000) Hz	LST EN ISO 7235 ch. 6.2	Sound pressure level measurement. Sound pressure level difference method
	Total pressure loss	LST EN ISO 7235	Pressure level measurement.
	Total pressure loss coefficient	ch. 6.5 except ch.6.5.2.2	Pressure difference method

* One degree of flexibility is defined and applicable for the whole accreditation scope: application of the updated documents of test methods already covered by accreditation or superseding them.

Actual accreditation scope is published on the website at www.siventa.lt

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.

The accreditation certificate is signed with a qualified electronic signature as an attachment to the order of the Director of the National Accreditation Bureau, by which it was approved