

Accredited to LST EN ISO/IEC 17025:2018

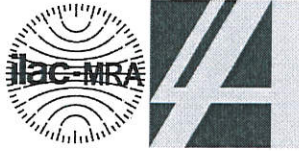
JSC „SIVENTA”
Ragainės str. 100, LT-78109 Šiauliai

SCOPE OF ACCREDITATION

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 5801:2018 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 13141-7:2021 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 13141-7:2021 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 13141-7:2021 ch. 7.3 except 7.3.7	Temperature and relative humidity measurement method
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 3744:2011	Sound pressure level measurement An essentially free field over a reflecting plane



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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 13141-7:2021 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 13141-7:2021 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 308:2001 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 308:2001 ch. 5.5	Temperature and relative humidity measurement method
Air handling units, recuperators, heat recovery devices	Pressure drop	LST EN 308:2001 ch. 5.6	Pressure difference method
Air handling units	Casing air leakage	LST EN 1886:2008 ch. 6	Pressure difference method
Air handling units	Filter bypass leakage	LST EN 1886:2008 ch. 7	Pressure difference method
Air handling units	Acoustic insulation of casing Sound power levels in 1/1 and 1/3 octave bands (125 – 8000) Hz	LST EN 1886:2008 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 7235:2010 ch. 6.2	Sound pressure level measurement. Sound pressure level difference method



Annex to the Accreditation Certificate No. LA.105-01, issued on 07-01-2021, approved on 22-10-2021 by the Order No. AK-170 of Director of National Accreditation Bureau

3 (3)

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
Ducted silencers and air terminal units	Total pressure loss Total pressure loss coefficient	LST EN ISO 7235:2010 ch. 6.5	Pressure level measurement. Pressure difference method

Director



Dalia Baležentė