UAB „SIVENTA“
Ragainės g. 100, 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<br>Air mass and volume flow<br>Fan power input<br>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<br>Pressure difference method.<br>Air flow measurement with pressure differential devices.<br>Electrical input power determination by wattmeter method<br>Efficiency calculation |
| Residential ventilation units | External and internal leakage<br>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.<br>Tracer gas test method |
| Residential ventilation units | Air flow/pressure characteristic<br>Electric power input<br>Specific power | LST EN 13141-7:2021 ch. 7.2.2 | Fan performance testing using standardized airways<br>Pressure difference method<br>Air flow measurement with pressure differential devices<br>Electrical input power determination by wattmeter method<br>Efficiency calculation |



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|---|---|---|---|
| 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<br>A-weighted sound power level<br>Sound power levels in 1/1 and 1/3 octave bands<br>(50 – 10000) Hz | LST EN ISO 3744:2011 | Sound pressure level measurement<br>An essentially free field over a reflecting plane |
| Residential ventilation units | Sound power level measurement<br>A-weighted sound power level<br>Sound power levels 1/1 and 1/3 octave bands<br>(63 – 8000) Hz | LST EN 13141-7:2021 ch. 7.4.2 | Sound pressure level measurement.<br>An essentially free field over a reflecting plane |
| Residential ventilation units (duct diameter from 100 to 400 mm) | Sound power level measurement<br>A-weighted sound power level<br>Sound power levels in 1/1 and 1/3 octave bands<br>(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 leakage<br>Static internal leakage | LST EN 308:2022 ch. 6.1.2.1, 6.1.2.2 | Pressure difference test method. |
| Air handling units, recuperators, heat recovery devices | Efficiency test | LST EN 308:2022 ch. 6.1.5 | Temperature and relative humidity measurement method |
| Air handling units, recuperators, heat recovery devices | Pressure drop test | LST EN 308:2022 ch. 6.1.3 | Pressure difference method |
| Air handling units | Casing air leakage | LST EN 1886:2008 ch. 6 | Pressure difference method |



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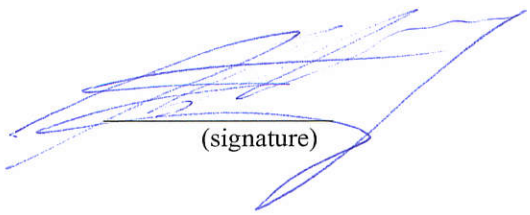
| Air handling units | Filter bypass leakage | LST EN 1886:2008 ch. 7 | Pressure difference method |
| Air handling units | Acoustic insulation of casing<br>Sound power levels in 1/1 and 1/3 octave bands<br>(125 – 8000) Hz | LST EN 1886:2008 ch. 9 | Sound pressure level measurement.<br>An essentially free field over a reflecting plane |
| Ducted silencers and air terminal units | Insertion loss<br>Sound power levels in 1/1 and 1/3 octave bands<br>(50 – 10000) Hz | LST EN ISO 7235:2010 ch. 6.2 | Sound pressure level measurement.<br>Sound pressure level difference method |
| Ducted silencers and air terminal units | Total pressure loss<br>Total pressure loss coefficient | LST EN ISO 7235:2010 ch. 6.5 | Pressure level measurement.<br>Pressure difference method |

** Flexibility case for accredited field: new edition versions of the standard if the new edition of the standard does not change the measurement principle.*

Director  Karolis Gintila
(signature) (name, surname)



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