

Declaration of conformity No. ERG-RN100

1. Unique identification code of the product type: **plastered air exhaust and supply rear diffuser**
2. Type, lot or serial number or any other element by which the construction product can be identified: **Ergovent Rondo - 100**
3. The technical specification applies to the construction product: **LST EN 13142:2021.**
4. Purpose or purposes of use of the construction product intended by the manufacturer according to the applicable technical specification: **for unidirectional and bidirectional ventilation systems inside the building.**
5. Manufacturer's name, registered trade name or registered trademark and manufacturer's contact address: **UAB „Ergovent“, Ryternos g. 3A, Biruliškių km., LT-54469 Kauno r., Lithuania**
6. When applicable, the name and address of the authorized representative to whom the powers have been granted are set out in Article 18, Part 15 of the Construction Law of the Republic of Lithuania: **Not applicable**
7. The system or systems for assessing and checking the constancy of the performance properties of the construction product, as determined in Chapter V of this Regulation: **3, 4.**
8. Name of certification body or testing laboratory: **test laboratory UAB "Siventa" (Ragainės g. 100, LT-78109 Šiauliai, Lithuania) performed initial type tests of the product and issued test protocol no. 22049 (14/06/2022).**
9. Name of the technical evaluation institution: **Not applicable**
10. **Declared performance characteristics:**

Operating characteristics	Declared value	Technical specifications
Nominal geometric dimensions: - duct connection diameter - overall external dimensions: - diameter - height	Ø 100 mm Ø 238 mm 48 mm	-
Amount of extracted air flow (through one point): - maximum recommended - optimal	90 m³/h. 60 m³/h.	LST EN 13141-2:2010, 4.1 p. LST EN 12238:2003
Amount of supplied air flow (through one point): - maximum recommended - optimal	85 m³/h. 60 m³/h.	LST EN 13141-2:2010, 4.1 p. LST EN 12238:2003
Pressure difference (Δpt), with the amount of extracted air: - 90 m³/hour (maximum) - 60 m³/hour (optimal) - 30 m³/hour	21 Pa 8 Pa 1,5 Pa	LST EN 13141-2:2010, 4.1 p. LST EN 12238:2003
Pressure difference (Δpt) with the amount of supplied air: - 85 m³/hour (maximum) - 60 m³/hour (optimal) - 30 m³/hour	25 Pa 12 Pa 2,2 Pa	LST EN 13141-2:2010, 4.1 p. LST EN 12238:2003
Classification of airflow noise: - at a supply air flow rate of 30÷85 m³/hour. - at an exhaust air flow rate of 30÷90 m³/hour.	1 class (L _{WA} ≤ 25 dBA) 1 class (L _{WA} ≤ 25 dBA)	LST EN 13142:2021, 5.9.7.3 p. LST EN 13141-7:2021
Flammability class: - body - plastic connector	A1 (CWFT) sn ¹⁾	LST EN 13501-1:2019
The force of removing the cap from the diffuser body	≥ 100 N	Manufacturer's methodology
Release of hazardous substances	sn ¹⁾	-
The possibility of adjusting the air flow	Yes	-

11. The performance characteristics of the product specified in points 1 and 2 correspond to the performance characteristics declared in point 10.
This declaration of performance is issued solely under the responsibility of the manufacturer specified in point 5.

Gytis Svilainis, CEO

Kaunas, 2022-09-12

¹⁾ – Property not found