

Declaration of performance according to Regulation (EU) 305/2011

No. **Fx-wt_20200617**

- 1. Unique product type identification code:** Fx-wt
- 2. Type, series or serial number or any other element enabling the construction products to be identified:** Fx-wt, F-2D wt,
- 3. Intended use or intended uses of the construction product in accordance with the relevant harmonized technical specification:**

Fireplace stoves for solid fuels type designations Fx-wt a F-2D wt are designed for heating and reheating of living areas and common rooms. The product is designed for intermittent operation.

- 4. Name, registered trademark and manufacturer's address:**

Trademark:

- akustone

Exclusive distributor:

- akustone s.r.o.
- Na Mokřínách 126/1, 795 01 Edrovice
- Phone: +420 778 116 440
- IČO: 07618239
- E-mail: gdn@akustone.com

Manufacturer:

- VESPER FRAMES s.r.o.
- J. Fučíka 97, 795 01 Rýmařov
- IČO: 27832902
- E-mail: domov.od@vesperhomes.cz
- Phone: +420 606 772 865

- 5. System for assessment and verification of constancy of performance of construction products:**

3 (attachment V, point 1.4 Regulation of the European Parliament and of the Council (EU) No. 305/2011 of 9. 3. 2011)

- 6. The products are covered by a harmonized standard:**

EN 15250:2007 (061208), assessment according to system 3, performed by the Engineering Test Institute, s.p. (SZÚ), Hudcova 424/56 b, 621 00 Brno, notified subject 1015 and issued a protocol (product type determination based on type testing) No. **1015-CPR-30-14689/1/TZ**, of 12.3.2020.

7. The characteristics of the product referred to in points 1 and 2 shall be the same as those of point 8. This declaration of performance is issued in accordance with Regulation (EU) No. 305/2011 under the sole responsibility of the manufacturer referred to in point 3.

Further information can be found in the product data sheet, the manufacturer's catalog, and the general operating and installation instructions.

8. Declared performance:

Basic characteristics	Properties
Fire safety	
Reaction to fire	A1
Distance from flammable materials	Minimum distances, in mm back wall = 50 side walls = 50 front wall = 800 ceiling = 50
Risk of burning fuel falling out	Suitable
Flue gas emissions wood	CO = 0,08 (%)
Surface temperature	Suitable
Cleanability	Suitable
Flue gas temperature at rated heat output wood	T = 131 (°C)
Flue gas mass flow	16,9 (g/s)
Mechanical resistance (load capacity of the exhaust nozzle)	NPD
Heat output	
Heat accumulation volume	188 439 (kJ) = 52,3 (kWh)
Max. batch of wood	20 kg (4 x 5 kg)
Volume of heat accumulation over time	100 % = 7,0 hours 50 % = 22,0 hours 25 % = 34,3 hours
Average heat exchanger output	4,1 (kW)
Average radiant power of the stove	1,5 (kW)
Energy efficiency wood	q = 87,7 (%)