PRODUCT FICHE according DELEGATED REGULATION (EU) 2015/1187, Annex IV - 1. (Solid fuel boilers) and 2. (Solid fuel boilers used in package with temperature controls)

Product line: **Log wood boiler series S1 Turbo**

a) supplier's name or trademark: Fröling Heizkessel- und Behälterbau Ges.m.b.H.

b) supplier's model identifier	c) energy efficiency class of the boiler model	d) rated heat output P_n kW	e) energy efficiency index EEI of the boiler model	f) seasonal space heating energy efficiency η_s %	i) energy efficiency index of the boiler in package with temperature control	j) energy efficiency class of the boiler in package with temperature control
Series:	**S1 TURBO, S1 TURBO F**					
S1 Turbo 15	A+	15	114	77	116	A+
S1 Turbo 15F	A+	15	114	77	116	A+
S1 Turbo 20	A+	20	113	77	115	A+
S1 Turbo 20F	A+	20	113	77	115	A+
Series:	**S1 Turbo with condensation heat exchanger (S1 Turbo BW) **)**					
S1 Turbo 15 BW	A+	17	123	83	125	A++
S1 Turbo 15F BW	A+	17	123	83	125	A++
S1 Turbo 20 BW	A+	23	122	83	126	A++
S1 Turbo 20F BW	A+	23	122	83	126	A++

g) any specific precautions that shall be taken when the solid fuel boiler is assembled, installed or maintained, please refer to assembly instructions and operating instructions for the series respectively!

Restrictions:

**) All declarations mentioned to condensing boilers (S1 Turbo BW) are valid only in combination with a Fröling condensation heat exchanger applicable for the boiler size designated.

All declarations mentioned in column i) and j) are valid only in combination with a Fröling control system delivered with the boiler.

For packages using other than Fröling components liability for calculation of efficiency data is excluded!

Ecodesign requirements - Commission Regulation (EU) 2015/1189 - Emissions in mg/m³	
seasonal space heating emissions of particulate matter (PM)	≤ 60
seasonal space heating emissions of organic gaseous compounds (OGC)	≤ 30
seasonal space heating emissions of carbon monoxide (CO)	≤ 700
seasonal space heating emissions of nitrogen oxides (NO_x)	≤ 200
Emission values based on dry flue gas at standard conditions (0°C, 1013 mbar) with a volume content of oxygen of 10%	