

**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: (product line up to 70 kW) **Wood chip boilers series T4e / T4e ESP**

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: T4e in Chip wood operation ^{*)}						
T4e - 20	A+	20	112	76	114	A+
T4e - 25	A+	25	113	77	115	A+
T4e - 30	A+	30	113	77	115	A+
T4e - 35	A+	35	114	77	116	A+
T4e - 45	A+	45	115	78	117	A+
T4e - 50	A+	50	115	78	117	A+
T4e - 60	A+	60	115	78	117	A+
Series: T4e in Pellet operation						
Series: T4e with integrated electrostatic precipitator (T4e ESP) in Chip wood operation ^{*)}						
T4e - 20 ESP	A+	20	113	77	115	A+
T4e - 25 ESP	A+	25	115	78	117	A+
T4e - 30 ESP	A+	30	115	78	117	A+
T4e - 35 ESP	A+	35	115	78	117	A+
T4e - 45 ESP	A+	45	115	78	117	A+
T4e - 50 ESP	A+	50	115	78	117	A+
T4e - 60 ESP	A+	60	115	78	117	A+
Series: T4e with integrated electrostatic precipitator (T4e ESP) in Pellet operation						

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!

Remarks:

*) preferred fuel

Restrictions:

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)	≤ 40
seasonal space heating emissions of organic gaseous compounds (OGC)	≤ 20
seasonal space heating emissions of carbon monoxide (CO)	≤ 500
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%	