

**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:

Combined pellet and log wood boilers series SP Dual

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 $\eta_s$ %	i) energy efficiency index of the boiler in package with temperature control	j) energy efficiency class of the boiler in package with temperature control
<b>Series: SP Dual in Pellet operation</b>						
SP Dual 15	A+	16	112	76	114	A+
SP Dual 22	A+	22	113	77	115	A+
SP Dual 28	A+	25	113	77	115	A+
SP Dual 34	A+	34	116	79	118	A+
SP Dual 40	A+	38	116	79	118	A+
<b>Series: SP Dual in Log wood operation</b>						
SP Dual 15	A+	15	114	77	116	A+
SP Dual 22	A+	22	114	77	116	A+
SP Dual 28	A+	28	113	77	115	A+
SP Dual 34	A+	34	115	78	117	A+
SP Dual 40	A+	40	116	79	118	A+
<b>Series: SP DUAL with condensation heat exchanger (SP DUAL BW) **)</b>						
<b>SP DUAL with condensation heat exchanger in Pellet operation</b>						
SP Dual 28 BW	A+	28	124	84	126	A++
<b>SP DUAL with condensation heat exchanger in Log wood operation</b>						
SP Dual 28 BW	A+	32	123	83	125	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!

Remarks:

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

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!

<b>Ecodesign requirements - Commission Regulation (EU) 2015/1189 - Emissions in mg/m<sup>3</sup></b>		
	operated by	
seasonal space heating emissions of particulate matter (PM)	Pellets	Log wood
	≤ 40	≤ 60
seasonal space heating emissions of organic gaseous compounds (OGC)	≤ 20	≤ 30
seasonal space heating emissions of carbon monoxide (CO)	≤ 500	≤ 700
seasonal space heating emissions of nitrogen oxides (NO <sub>x</sub> )	≤ 200	≤ 200
Emission values based on dry flue gas at standard conditions (0°C, 1013 mbar) with a volume content of oxygen of 10%		