ANNEX VI: ***TECHNICAL DETAILS***

Model	**DINDER 60**	**DINDER 70**	**DINDER 80**
Type (according to Art.4 EN16510 standard)	CA	CA	CA
Indirect heating function	NO	NO	NO
Mass of device alone (kg)	62/84	82/149	94/164
Auxiliary electrical power consumption in standby (elSB)	0,000kW	0,00 kW	0,00 kW
Auxiliary electrical energy consumption at nominal useful power (elmax)	0,00 kW	0,00 kW	0,00 kW
General dimensions of the device (Length Y, Height Y, Width W)	784 mm x 1591 mm x 460 mm	694 mm x 1570 mm x 411 mm	694 mm x 1570 mm x 411 mm
Supply voltage (E) / Frequency (f)	230V / 50Hz	230V / 50Hz	230V / 50Hz
Maximum load that the device can support to transport the load of a smoke duct	0 kg	0 kg	0 kg
Nominal useful power (Pnom)	4.4 kW	5.5 kW	6.7 kW
Useful power at partial load (Ppart)	/	/	/
Direct partial load power (PSHpart)	/	/	/
Efficiency (η_{nom})	85%	84 %	84 %
Seasonal space heating efficiency at appliance's nominal heat output η_S	75 %	74 %	74 %
Carbon monoxide (at 13% O2) (CO_{nom})	728 mg/Nm^3	728 mg/Nm^3	701 mg/Nm^3
Particulate matter (PM) (PM_{nom})	2 mg/Nm^3	17 mg/Nm^3	17 mg/Nm^3
OGC (as C at 13% O2)	39 mg/Nm^3	58 mg/Nm^3	58 mg/Nm^3
NOx (as NO2 at 13% O2)	108 mg/Nm3	108 mg/Nm3	96 mg/Nm3
Energy efficiency index EEI	113	112	112
Energy efficiency class	A^+	A^+	A^+
Smoke temperature (Ta)	245 °C	301 °C	301 °C
Recommended Fuel***	25 cm (1 piece)	35cm (1 piece)	35cm (1 piece)
Fuel Load	1 piece 800 ± 10 (approx. 800 g)	1-piece 1050 ± 10 (approx. 1050 g)	1-piece 1300 ± 10 (approx. 1300g)
Type of combustion	Intermittent (INT)	Intermittent (INT)	Intermittent (INT)
Recharging intervals (Nominal useful power)	40 min	41 min	41 min
Diameter of smoke evacuation nozzle (dsh)	Ø130	Ø150	Ø150
Primary air inlet diameter	Ø80	Ø80	Ø80
Minimum draft at nominal useful power (pnom)	11.3 Pa	12 Pa	12 Pa
Outlet smoke temperature at nominal useful power (Tw - Tsnom)	245°C	301°C	301°C
Smoke mass flow at nominal useful power ($\phi f,g$ nom)	4,0 g/s	5,0 g/s	5,0 g/s
Ember reserve mass	50 gr	50 gr	50 gr
End of test cycle criterion	Return to the starting ember bed weight	Return to the starting ember bed weight	Return to the starting ember bed weight