

TECHNICAL SPECIFICATION OF CARIA BOILERS			Unit	BOILER TYPE		
				CP-200	CP-250	CP-300
CAPACITY	Nominal-Minimum Heat Output		kW	200 - 60	250 - 75	300 - 90
			kcal/h	172000 - 51600	215000 - 64500	258000 - 77400
	Net Efficiency (Nominal-Minimum)		%	92 - 94.9	92 - 94.9	90.9 - 93.9
	Seasonal Efficiency		%	82		
	Energy Efficiency Index		-	120		
	Energy Efficiency Ratings		-	A+		
OPERATING CONDITIONS	Boiler Class		°C	CLASS 5 acc. To EN 303-5		
	Safety Limit Temperature		°C	95		
	Setting Range for Operating Temperature		°C	80 - 65		
	Min. Water Return Temperature		°C	55		
	Operating & Test Pressure		bar	5 - 7.5		
	Electrical Connection		-	230 V _{ac} , 50 Hz		
	Nominal & Maximum Electrical Input		Watt	540 - 1000	550 - 1000	590 - 1000
	Average Electricity Consumption		W	250	270	290
	Recommended Fuel Types		-	Ø6 mm high quality pellet, EN Dın PLUS A1, A2		
MAIN DIMENSIONS	Cabin Width, W		mm	800 - 1315		
	Height, H		mm	1800		
	Cabin Depth, L		mm	1745		
	Total Boiler Depth ± 4, L _t		mm	2444		
	Stack Size, (Outer, ØD ₁ -Inner Diameter)		mm	248 - 244		
	Height of Stack Connection, H ₁		mm	1273		
	Water Content		lt	404		
	Empty Weight		kg	295		
	Filling & Drain Connections	ØD ₂	inch	2 x 3/4"		
	Hot Water Outlet Connections	ØD ₃	inch	NW 65 -2 1/2"		
		H ₃	mm	1860		
	Water Inlet Connections	ØD ₄	inch	NW 65 -2 1/2"		
		H ₄	mm	226		
SILO	Fuel Container Type		-	PS800		
	Net Volume		lt	800		
			kg	550		
	Silo Dimensions	W ₂ x L ₂ x H ₂	mm	950x950x1633		

