

Model		CT 23	CT 28	CT 35	CT 45
Fuels		Wood logs, hard coal, lignite			
Output (wood)	kW	23	28	35	45
Output (hard coal)	kW	24	30	38	48
Efficiency	%	75			
Net weight	kg	175	190	225	265
Water content	lt	68,0	75,0	85,0	95,0
Total heating surface	m ²	1,9	2,2	2,7	3,2
Combustion chamber volume	dm ³	66,6	77,4	94,5	111,6
Combustion ch dimensions	Height	mm 480			
	Width	mm 375			
	Length	mm 370	mm 430	mm 525	mm 620
Fuel loading clearance (upper door)	mmxmm	375 x 280			
Maximum fuel loading height	mm	400			
Boiler body construction		Steel welded (S 235 JR)			
Boiler bottom grade construction		Cast iron (EN GJL 200)			
Fuel loading		Manual			
Flue circulation principle		Horizontal three pas			
Output control		Thermostatic			
Requested draught in chimney	Pa	10 - 16	10 - 18	12 - 20	15 - 25
	mbar	0,10 - 0,16	0,10 - 0,18	0,12 - 0,20	0,15 - 0,25
Temperature control range	C	30 - 90			
Maximum operating temperature	C	95			
Minimum return temperature	C	50 (recommended)			
Safety system activated at	C	95			
Maximum operating pressure	bar	2,5			
Water flow/return connections	R	2 "			
Connection for safety heat exchanger	R	1 1/2"			
Filling / draining connection	R	1/2"			
External dimensions					
	H1	mm 75			
	H2	mm 205			
	H3	mm 985			
	H4	mm 1075			
	H5	mm 1105			
	Width (B)	mm 535			
	Length (L1)	mm 635	mm 700	mm 800	mm 900
	Length (L2)	mm 470	mm 535	mm 635	mm 735
	Flue outlet diameter (C)	mm 160			

Fuel type		Wood			
Maximum fuel charge	kg	23	26	34	41
Combustion period at max load	h	3 - 5			
Requested fuel parameters	Maximum water content 20% Maximum cross section 10 cm x 10 cm Average calorific value 17.000 - 20.000 kJ/kg				
Flue gas mass flow	g/s	21,7	26,4	33,0	42,4

Fuel type		Hard coal, lignite			
Maximum fuel charge	kg	30	35	45	55
Combustion period at max load	h	5 - 8			
Requested fuel parameters	Maximum water content 15% Average size between 30 to 60 mm Average calorific value 26.000 - 30.000 kJ/kg				
Flue gas mass flow	g/s	32,5	39,6	49,5	63,6

