

Models		CT 12	CT 18	CT 24	CT 32	CT 40
Fuel specifications		Wood pellets size 6 mm Fuel parameters shall comply to EN 14961				
Boiler class		Class 5 acc to EN 303/5				
Operation mode		With fan at flue exhaust working under pressure				
Maximum power output	<i>kW</i>	15	20	26	34	45
Minimum power output	<i>kW</i>	4,5	5,7	7,8	10,2	13,5
Efficiency at max output	%	91,2	88,8	89	89,1	89,3
Efficiency at min output	%	89,3	88,9	89,2	88,4	89,5
Flue gas temperature at max power	°C	116	119	125	124	113
Flue gas temperature at min power	°C	84	73	80	90	79
Net weight	<i>kg</i>	160	165	185	225	250
Water content	<i>lt</i>	44	40	45	70	76
Fuel container capacity	<i>kg</i>	75		90	100	115
	<i>lt</i>	120		145	155	180
Fuel filling opening size	<i>mmXmm</i>	436x258			486x328	536x328
Combustion period	<i>h</i>	12				
Minimum return temperature	°C	40 °C (with non-condensing working conditions)				
CO emission		EN 303/5 Class 5				
Required draft at chimney	<i>Pa</i>	8-10	10 - 12		12 – 15	
Temperature control range	°C	45– 80				
Max operating temperature	°C	80				
Max operating pressure	<i>bar</i>	3				
Water flow/return connections	<i>F, R</i>	1 " (male)				
Filling/draining connection	<i>FD</i>	½ " (male) / 1" (male) for S/X-PACK				
Burner design		Stainless steel cylindrical pot				
External dimensions						
Height of boiler H	<i>mm</i>	1365		1490	1620	1670
Width of boiler W	<i>mm</i>	850			850	900
Height, fluegas pipe H1	<i>mm</i>	1195	1235	1360	1490	1540
Height, outfeed pipe H2	<i>mm</i>	1050	1085	1210	1340	1390
Height,return feed pipe H3	<i>mm</i>	325			360	
Height,return feed pipe H4		80				
Depth of boiler L	<i>mm</i>	520			570	620
Exhaust Outlet Diameter D	<i>mm</i>	80			130	
Electrical supply		230V / 50Hz 6,3A				
Power consumption (fan+gear motors)	<i>W</i>	75 on S-models 125 on X-models				
Power consumption (pump)	<i>W</i>	50 (S/X-PACK models)				
Power consumption (ignitor)	<i>W</i>	165				

