

Model		CORTINA					
Types		CT 12	CT 18	CT 24	CT 32	CT 40	
Fuel specifications		Wood pellets size 6 mm to EN 14961					
Maximum power output	kW	15	20	26	34	45	
Minimum power output	kW	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	
Water content	lt	44	40	45	70	76	
Fuel container capacity	kg	50		58	90	100	
	lt	88		106	162	190	
Minimum return temperature	°C	With non-condensing working conditions					
Flue gas mass flow Qmax	g/s	13	16	21	25	30	
Flue gas mass flow Qmin	g/s	6	7	9	10	12	
Required draft at chimney	Pa	8	10		12-15		
Temperature control range	°C	45- 80					
Max operating temperature	°C	80					
Max operating pressure	bar	3					
Water flow/return (F / R)	DD DG	1 " (male)					
Filling/draining connection (FD)	R	½ " (male)					
External dimensions							
	H	mm	1365		1490	1620	1670
	H1	mm	1195	1235	1360	1490	1540
	H2	mm	1050	1085	1210	1340	1390
	H3	mm	300	325		360	
	W	mm	730		850	900	
	L	mm	525		575	625	
	D	mm	127				
Electrical supply		230V / 50Hz					
Power consumption (fan+feeder motor)	W	75				71	
Power consumption (ignitor)	W	165					
Airborne noise (run mode)	dB	45-55					

