

Eko Coal Technical Specifications

Description	Unit of Measure	Eko Coal 21	Eko Coal 26	Eko Coal 31	Eko Coal 36
Fuel		Coal			
Negative pressure at flue (Min / Max)	mbar	0.1/0.3			
Maximum acceptable temperature	oC	95			
Operating temperature (range)	oC	40÷90			
Minimum permissible return temperature	oC	50			
"PMS" maximum operating pressure	bar	4			
Duration of one load	h	>2			
Diameter of flue fitting	mm	180			
Unit class*	no.	1			
Water side pressure drop (D t= 150C)	mbar	12	15	18	20
Water side pressure drop (D t= 200C)	mbar	10	12	14	17
Water capacity in a boiler	l	35	41	47	53

Dimensions

Model	Number of Elements	Nominal Average Thermal Power (Qn) kW	Dimensions of Door W x H cm	Dimension of Chamber WxHxD cm	Volume of Loading Combustion Chamber l	Dimensions (mm)			Weight (kg)
						Height (mm)	Width (mm)	Depth (mm)	
Eko Coal 21	4	21,2	38 x 30	38 x 43 x 34	55	955	600	525	270
Eko Coal 26	5	26,2	38 x 30	38 x 43 x 45	73	955	600	635	315
Eko Coal 31	6	30,5	38 x 30	38 x 43 x 56	91	955	600	745	365
Eko Coal 36	7	35,2	38 x 30	38 x 43 x 67	109	955	600	855	410