



Technical Data

Log wood boiler HDG Navora 20/25/30 with boiler control Basic Control (BC)/ Lambda Control 1 (LC 1)/ Lambda Control 2 (LC 2)

Type of boiler	Unit	HDG Navora 25 BC	HDG Navora 20 LC 1 / LC 2	HDG Navora 25 LC 1 / LC 2	HDG Navora 30 LC 1 / LC 2
Performance data					
Nominal thermal power	kW	25,0	20,0	25,0	30,0
Minimum thermal power	kW	-	19,0 / 18,0	19,0 / 18,0	19,0 / 18,0
Boiler efficiency	%	90	91,7 / 91,0	91,1 / 90,9	90,5 / 90,8
Required auxiliary energy at nominal power	W	111	111	111	111
Boiler data					
Boiler class		3	3	3	3
Maximum operating pressure	bar	3	3	3	3
Maximum flow temperature	°C	95	95	95	95
Minimum return temperature	°C	60	60	60	60
Water content	l	168	168	168	168
Fuelling chamber capacity	l	150	150	150	150
Weight	kg	680	680	680	680
Flue connection and chimney data					
Exhaust temperature at nominal output	°C	150	120	140	160
Exhaust mass flow at nominal load	kg/s	0,016	0,0170 / 0,0197	0,0170 / 0,0197	0,0170 / 0,0197
Exhaust temperature at minimum output	°C	-	110	110	110
Exhaust mass flow at minimum load	kg/s	-	0,0118 / 0,0124	0,0118 / 0,0124	0,0118 / 0,0124
Flue draught requirement	Pa	15	15	15	15
Diameter of flue outlet	mm	150	150	150	150
Height of flue connection	mm	900	900	900	900
Water-side connections					
Flow and return connections	DN (BSP)	32 (1 1/4")	32 (1 1/4")	32 (1 1/4")	32 (1 1/4")
Safety heat exchanger connections	DN (BSP)	15 (1/2")	15 (1/2")	15 (1/2")	15 (1/2")
Drain connection	DN (BSP)	25 (1")	25 (1")	25 (1")	25 (1")
Water-side resistance at nominal power 10K	Pa	1300	1300	1300	1300
Water-side resistance at nominal power 20K	Pa	150	150	150	150
Boiler room					
Air inlet cross section*	cm ²	150	150	150	150

*Refer to local country regulations.