

## Appendix nr. 2 to the Instruction manual – ATTACK DP



### Technical parameters:

Boiler type	DP25	DP35	DP45	DP75	DP95
Boiler output	kW 25	35	45	75	95
Area of exchanger	m <sup>2</sup> 1,52	1,74	1,95	3,6	5,6
Volume of the fuel chamber	dm <sup>3</sup> 125	158	190	360	440
Dimension of the refill opening	mm 235x445	235x445	235x445	292x542	292x542
Prescribed chimney draught	Pa 23	23	23	23	25
Max. operation overpressure of water	kPa 250	250	250	250	250
Pressure loss of water (ΔT 10K)	kPa 2,1	4,0	6,1	8,8	8,8
Pressure loss of water (ΔT 20K)	kPa 0,6	0,8	1,1	1,6	1,6
Boiler weight	kg 370	405	430	650	800
Diameter of the flue connection	mm 150	150	150	219	219
Boiler height – „A“	mm 1 240	1 240	1 240	1 320	1 535
Boiler width – „B“	mm 700	700	700	750	766
Boiler depth – „C“	mm 1 090	1 190	1 295	1 600	1 750
Depth of chamber – „D“	mm 590	690	790	1 100	1 100
Protection of electrical parts	IP 21	21	21	21	21
Electrical input	W 38	38	48	54	108
Boiler efficiency	% 85,3	85,3	86	86,2	80,6
Boiler class	3	3	3	3	3
Flue gas temperature by nominal output	°C 230	225	220	262	287
Flue gas flow by nominal output	kg/s 0,019	0,021	0,027	0,045	0,059
Max. noise level	dB 65	65	65	65	65
Prescribed fuel	Dry wood with the heat value of 15–17 MJ/kg, water content min. 12% – max. 20%, diameter 80–150 mm				
Prescribed fuel consumption	Kg/h 7,75	9,75	11,75	18,7	29,2
Consumption per season	1 kW = 1 m <sup>3</sup>				
Max. length of wood logs	mm 550	650	750	1 000	1 000
Duration of burning by nominal output	hours 3	3	3	3	3
Volume of water in the boiler	l 68	78	87	164	250
Min. volume of accumulation tank	l 625	900	1 200	1 800	2 400
Connection voltage	V/Hz 230/50				
Range for setting the temperature of heating water	°C 65–90				
Range for setting the room temperature (PROFI version)	°C 10–27				
Capacity of contacts of the boiler regulator (PROFI version)	V/A 230/2				