

**Boilers MEGASUN V - BL1, with one tube heat exchanger**

Model		V - 420/ BL1				V - 500/ BL1			
Capacity	lt	420				500			
Surface area of tube heat exchanger	m <sup>2</sup>	1.5				2.2			
Capacity of tube heat exchanger	lt	7.6				11.5			
Primary circuit flowrate	m <sup>3</sup> /h	3				3			
Pressure drop (for a flowrate of 3m <sup>3</sup> /h)	mbar	155				220			
Primary entrance temperature	°C	55	70	80	90	55	70	80	90
Power of tube heat exchanger (1)	kW	14.2	27.5	36.6	46.4	16.7	32.2	42.8	54.2
Continuous supply of hot water	lt/h	350	675	900	1150	410	790	1050	1330
Daily consumption (2)	kWh/24H	2.4				2.68			
Weight (empty)	kg	140				170			

(1) Temperature of cold water 10°C, Temperature at hot water outlet 45°C. Temperature of accumulation 60°C.

(2) Temperature of accumulation 65°C - Temperature outside 20°C.

18 All boilers are installed in a floor standing - upright position.

