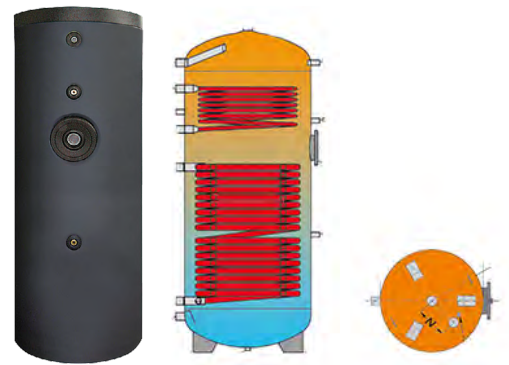


## WATER HEATERS AND PUFFERS

## YBSM

### DHW water heater from heat pump and boiler inverted from 300 L to 500 L

Twin-coil carbon steel water heater with anode protection and internal vitrification treatment according to DIN 4753-3 and UNI 10025. Stiff polyurethane insulation and PVC exterior finish.



MODEL		YBSM300	YBSM500
Useful volume	L	260	455
Energy class/dissipation		C 85W	C 112W
<b>OPERATING PRESSURE</b>			
Upper and lower coil	bar	10	10
Domestic	bar	10	10
<b>MAXIMUM TEMPERATURES</b>			
Upper and lower coil	°C	110	110
Domestic	°C	95	95
<b>DIMENSIONS AND WEIGHTS</b>			
Diameter with thermal insulation	Ø mm	600/640	750/790
Diameter with no thermal insulation	mm	500	650
Total height	mm	1615	1705
Unladen weight	kg	128	176
Flange	Ø mm	180/120	
<b>UPPER COIL</b>			
Coil surface area	m <sup>2</sup>	0.7	1
Coil water content	l	3.5	5.9
Heating water 80°C/60°C	m <sup>3</sup> /h	0.73	1.03
Power output	kW	17	24
Domestic prod. 10°C/45°C-DIN 4708	m <sup>3</sup> /h	0.42	0.60
Pressure drop	mbar	15	19
<b>LOWER COIL</b>			
Coil surface area	m <sup>2</sup>	3.7	5.2
Coil water content	l	18	31
Heating water 60°C/50°C	m <sup>3</sup> /h	1.59	2.37
Power output	kW	18.5	27.5
Domestic prod. 10°C/45°C-DIN 4708	m <sup>3</sup> /h	0.45	0.68
Pressure drop	mbar	31	37
<b>SERIES COILS</b>			
Coil surface area	m <sup>2</sup>	4.9	7.0
Coil water content	l	26	41
Heating water 60°C/50°C	m <sup>3</sup> /h	2.32	3.27
Power output	kW	27	38
Dom. prod.10°C/45°C-DIN 4708	m <sup>3</sup> /h	0.66	0.93
Pressure drop	mbar	63	67
<b>CODE</b>		<b>00014YBSM03</b>	<b>00014YBSM05</b>