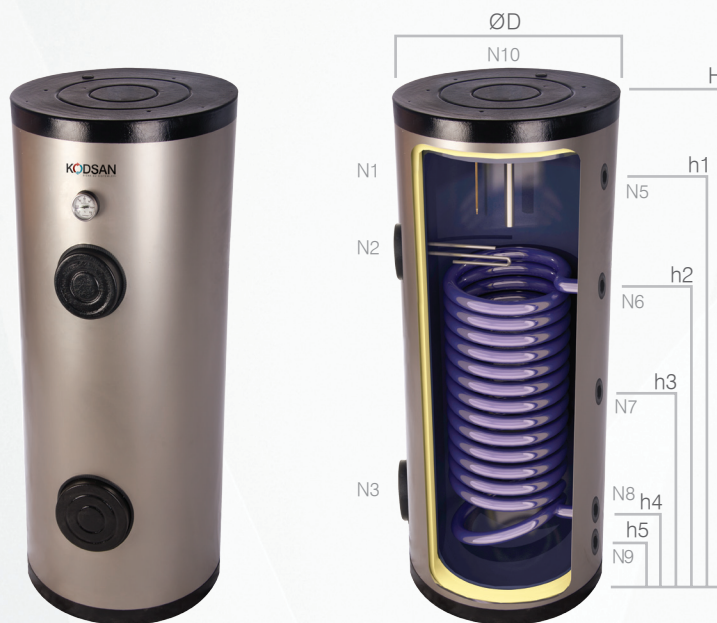


KODSAN
HOT WATER SYSTEMS



KBS SINGLE SERPANTINE WATER HEATER

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SIZE SPECIFICATIONS		KBS 100	KBS 160	KBS 200	KBS 300	KBS 350	KBS 400	KBS 500	KBS 600	KBS 800	KBS 1000	KBS 1500	KBS 2000
Total Volume	V (lt)	100	160	200	300	350	400	500	600	800	1000	1500	2000
Body Diameter	Ø D (mm)	490	590	590	700	750	750	750	750	900	1000	1120	1260
Total Height	H (mm)	1080	1125	1320	1210	1325	1450	1800	2040	2100	2070	2300	2230
Thermometer	N1 (inch)	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
Electrical Heater	N2 (inch)	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	2"	2"	2"	2"
Cleaning Flange	N3 (inch)	4"	4"	4"	4"	4"	4"	4"	4"	5"	5"	5"	5"
Sensor	N4 (inch)	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
Diameter for Sanitary Water	N5 - N9 (inch)	3/4"	3/4"	3/4"	1"	1"	1"	1"	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
Serpentine Diameter	N6 - N8 (inch)	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
Circulation Diameter	N7 (inch)	3/4"	3/4"	3/4"	1"	1"	1"	1"	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
Magnesium Anode	N10 (inch)	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
Serpentine Surface	S (m ²)	0,60	1,17	1,46	1,60	1,80	1,80	2,46	2,46	2,97	2,97	3,86	4,65
Isolation Type	i (mm)	PU / 50	PU / 50	PU / 50	PU / 50	PU / 50	PU / 50	PU / 50	PU / 50	SU / 80	SU / 80	SU / 80	SU / 80
Net Weight	G (kg)	63	85	94	123	145	153	211	219	262	285	456	530
Gross Weight	G' (kg)	72	98	108	133	163	170	232	241	301	327	520	594
Detailed Height Size	h1 (mm)	900	900	1110	975	1055	1180	1530	1785	1745	1660	1975	1800
	h2 (mm)	720	750	875	765	735	730	1020	1020	1075	1100	1145	1290
	h3 (mm)	450	450	515	555	535	535	770	770	895	930	785	1110
	h4 (mm)	320	330	330	345	365	365	370	365	420	470	425	515
	h5 (mm)	240	240	240	255	270	270	280	280	335	365	325	430

It is a suitable solution for economical and hygienic tap water heating. The volume range of KBS Series is between 100lt to 2000lt. Heat loss values of the products are lowered with the use of insulation (HCFC free). All water inside products gets heated by serpentine which is long and which prevents any possible cold regions in the tank. This is important for preventing bacteria growth. Furthermore, magnesium anode rod in every product gives cathodic protection for extended product life. The product can be supported with electrical heater up to 30kW.

KBS SERIES SINGLE SERPANTINE WATER HEATER CAPACITY SPECIFICATIONS

100 lt		160 lt		200 lt		300 lt		350 lt		400 lt		500 lt		600 lt		800 lt		1000 lt		1500 lt		2000 lt	
lt/h	kW	lt/h	kW	lt/h	kW	lt/h	kW	lt/h	kW	lt/h	kW	lt/h	kW	lt/h	kW	lt/h	kW	lt/h	kW	lt/h	kW	lt/h	kW

CONTINUOUS CAPACITY : Cold water inlet 10°C - Hot water outlet 45°C, Heating Fluid Temp. 90°C

720	29.3	1450	59	1760	71.6	1940	78.9	2180	88.7	2180	88.7	2480	101	2480	101	2850	116	2850	116	3350	136.3	3750	152.6
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