

Application Field of HotWater Boilers Technical datasheet

Indications are made by theoretical calculations and experience.

Please note:

Influencing factors are the size of the HotWater boiler, size of the water circulation pump, groundwater level, ambient and system temperature, type of resin and thickness of liner.

Water temperature 80 °C		HotWater Boiler Power in kW		
		90 kW/h (HotBox 300)	300 kW/h (HWB 330)	950 kW/h (HWB 1000)
Diameter mm	100	100 m	323 m	1013 m
	125	81 m	259 m	811 m
	150	68 m	217 m	677 m
	200	53 m	164 m	509 m
	225	48 m	146 m	453 m
	250	43 m	132 m	408 m
	300	37 m	111 m	341 m
	350	32 m	96 m	293 m
	400	29 m	84 m	257 m
	450	26 m	75 m	229 m
	500	19 m	68 m	206 m
	550	17 m	62 m	188 m
	600	15 m	58 m	173 m
	650	14 m	54 m	160 m
	700	13 m	45 m	149 m
	800	11 m	39 m	131 m
	900	10 m	35 m	117 m
1000	9 m	31 m	105 m	
1100	8 m	29 m	96 m	
1200	6 m	26 m	89 m	

Heat volume required for 1 m² Linersurface = ca. 2,1 kW/h