

# INDIRECT WATER HEATERS, STORAGE TANKS AND PLATE HEAT EXCHANGERS

## Product selection

Please use the table below to select the appropriate product for your application. However if your specific requirements are not listed or you need other data, please contact A.O. Smith on 0870-AOSMITH (2676484) for a tailor-made recommendation.



### Technical data

		IT										ITS						ST									
		300	400	500	600	750	1000	1500	2000	2500	3000	300	400	500	600	750	1000	300	400	500	600	750	1000	1500	2000	2500	3000
Output coil	kW	46	78	100	104	112	145	136	136	145	145	27	37	42	40	56	58	-	-	-	-	-	-	-	-	-	-
Surface area coil	m <sup>2</sup>	1.47	2.45	3.11	3.45	3.72	4.82	5.2	5.2	5.5	5.5	0.85	1.15	1.31	1.33	1.86	1.93	-	-	-	-	-	-	-	-	-	-
Water capacity coil	l	8.9	14.8	18.8	29.3	31.6	40.9	43.8	43.8	46.4	46.4	5.7	6.9	7.9	11.3	15.8	16.4	-	-	-	-	-	-	-	-	-	-
Flow rate coil (80-60°C)	l/h	1978	3345	4300	4472	4816	6235	5848	5848	6235	6235	1161	1591	1806	1720	2408	2494	-	-	-	-	-	-	-	-	-	-
Pressure drop coil	mbar	58	244	489	104	128	259	688	688	583	583	12	30	43	7	18	20	-	-	-	-	-	-	-	-	-	-
Output coil	kW	-	-	-	-	-	-	-	-	-	-	46	52	68	72	80	87	-	-	-	-	-	-	-	-	-	-
Surface area coil	m <sup>2</sup>	-	-	-	-	-	-	-	-	-	-	1.45	1.64	2.13	2.39	2.66	2.89	-	-	-	-	-	-	-	-	-	-
Water capacity coil	l	-	-	-	-	-	-	-	-	-	-	9.5	9.9	12.8	20.3	22.6	24.6	-	-	-	-	-	-	-	-	-	-
Flow rate coil (80-60°C)	l/h	-	-	-	-	-	-	-	-	-	-	1978	2236	2924	3096	3440	3741	-	-	-	-	-	-	-	-	-	-
Pressure drop coil	mbar	-	-	-	-	-	-	-	-	-	-	44	78	166	37	50	61	-	-	-	-	-	-	-	-	-	-
Max. working pressure tank	bar	10	10	10	10	10	10	7	7	7	7	10	10	10	10	10	10	10	10	10	10	10	10	7	7	7	7
Max. working pressure coil	bar	16	16	16	16	16	16	7	7	7	7	16	16	16	16	16	16	-	-	-	-	-	-	-	-	-	-
Max. operating temperature tank	°C	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95
Max. operating temperature coil	°C	110	110	110	110	110	110	99	99	99	99	110	110	110	110	110	110	-	-	-	-	-	-	-	-	-	-
Standby loss	kWh/24h	1.32	1.60	1.88	1.85	2.03	2.19	9.2	10.9	12.3	14.0	1.32	1.60	1.88	1.85	2.03	2.19	1.32	1.6	1.88	1.85	2.03	2.19	9.2	10.9	12.3	14.0
Anodes	-	1	1	1	1	1	1	3	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3
Weight empty	kg	117	139	180	241	254	336	361	491	621	716	133	145	196	246	262	340	93	99	131	179	201	262	361	491	621	716