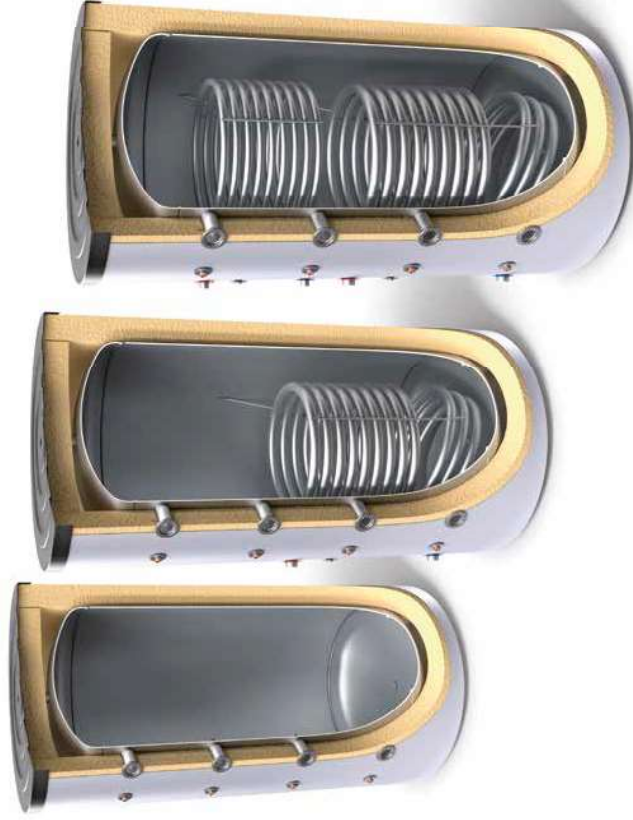




IHWTs - buffer tanks for heating systems

Advantages

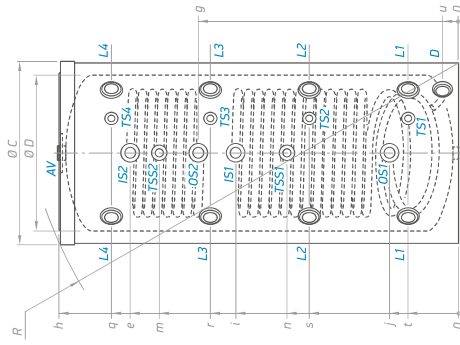


IHWs - buffer tanks for heating systems

A wide range of buffer tanks for operation in closed heating systems.

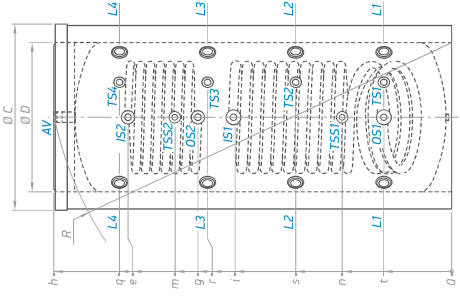
The range includes models from 200 L to 2000 L:

- without a heat exchanger
- with one heat exchanger
- with two heat exchangers



MODEL	V 115 S2 400 75 F42 P6	V15/7 S2 500 75 F42 P6
Art. number	300613	300625
Capacity	L 388	472
Net weight	kg 740	1465
Insulation (vrig PU)	mm 50	50
Heat exchanger surface S1	m ² 1,65	2,25
Heat exchanger surface S2	m ² 0,76	1,14
Heat exchanger capacity S1	L 10	13,7
Heat exchanger capacity S2	L 4,6	6,4
Heat losses AT 65K	W 91	95
Energy efficiency class	C	C
Maximum operational temperature	°C 95	95
Maximum operational temperature of heat exchanger	°C 100	110
Rated pressure	bar 3	3
Rated pressure of the heat exchanger	bar 6	6
for ALL MODELS	Dimensions ± 5 mm	
	h	h
	h	h
	e	e
	g	g
	i	i
	j	j
	mm 1002	1220
	mm 145	719
	mm 166	1450
	mm 850	1038
	mm 534	626
	mm 218	214
	mm 68	67
	mm 592	1626
	mm 750	750
	Ø 100	Ø 100
	Ø 100	Ø 100

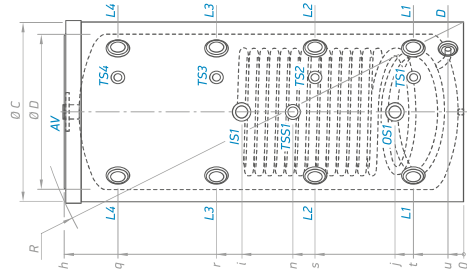
for ALL MODELS			
IS1	heat exchanger inlet	G1*	
IS2	heat exchanger inlet	G1*	
OS1	heat exchanger outlet	G1*	
OS2	heat exchanger outlet	G1*	
T51-2-3-4	thermo product levels 1-2-3-4	G2*	
TS31	thermo product heat exchanger	G2*	
TS52	thermo product heat exchanger	G2*	
AV	opening for air ventilation	G10*	
D	drainage	G3*	
L1-2-3-4	levels 1-2-3-4	G10*	



MODEL	V 12/9.52.800 95/43 P6 C				V 12/9.52.1500 100/95 C				V 12/9.52.1500 100/95 C				V 12/9.52.1500 100/95 C				V 12/9.52.1500 100/95 C			
Art. number	N°				303981				303980				303980				303970			
Capacity	L				756				855				1415				1822			
Net weight	kg				191				206				308				405			
Insulation	mm				80				80				100				100			
Heat exchanger surface S1	m²				2,69				3,45				3,47				4,45			
Heat exchanger surface S2	m²				1,54				1,31				2,3				2,7			
Heat exchanger capacity S1	L				26,2				31,3				31,4				41,6			
Heat exchanger capacity S2	L				9,4				7,9				20,5				25,2			
Heat losses ΔT 45K	W				128				136				158				183			
Energy efficiency class	°C				C				C				C				C			
Maximum operational temperature	°C				95				95				95				95			
Maximum operational temperature of heat exchanger	°C				110				110				110				110			
Rated pressure	bar				3				3				3				3			
Rated pressure of the heat exchanger	bar				6				6				6				6			
Dimensions 45 mm																				
MODEL	h				1947				2132				2220				2413			
	e				1500				1772				1726				1996			
	g				120				1303				1293				1412			
	i				1021				1186				1087				1271			
	m				1388				1501				1461				1655			
	n				581				581				547				646			
IS1-2	heat exchangers inlet				G 1½" B				q				1508				1766			
OS1-2	heat exchangers outlet				G 1½" B				r				1120				1360			
TS1-2-3-4	thermo pocket levels 1-2-3-4				G ½"				s				740				832			
TS51-2	thermo pocket heat exchanger				G ½"				t				360				360			
AV	opening for air ventilation				G 1½"				r				1980				2195			
LP1-2-3-4	levels 1-2-3-4				G 1½"				Ø C				950				950			
									Ø D				790				790			

MODEL	V12-6 S3-800 95°F/35°C	V12-6 S3-1500 105°F/40°C	V12-6 S3-1500 125°F/52°C	V12-6 S3-2000 135°F/58°C
ISI-2	Heat exchangers inlet	G 1½" B	G 1½" B	G 1½" B
OIS-2	Heat exchangers outlet	G 1½" B	G 1½" B	G 1½" B
TSS1-2-3-4	Thermo packlet levels 1-2-3-4	G ¾"	G ¾"	G ¾"
TSS1-2	Thermo packlet heat exchanger	G ¾"	G ¾"	G ¾"
AV	opening for air ventilation	G 1½"	G 2" B	G 2" B
L1-2-3-4	levels 1-2-3-4	G 1½"	G 1½"	G 2" B

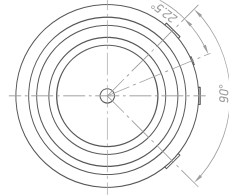
IHWTs - buffer tanks for heating systems | with a heat exchanger | 200 to 500 litres



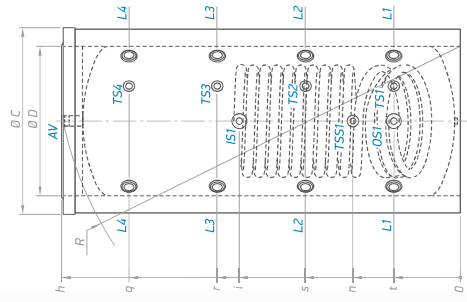
MODEL	V 95-200 60	V 125-300 65	V 155-500 75 F42 P5	V 155-500 75 F42 P5
Art. number	302172	302173	300612	300324
Capacity	L 195	283	354	480
Net weight	kg 55	82	131	198
Insulation (rigid PU)	mm 50	50	50	50
Heat exchanger surface S1	m ² 0,96	1,45	1,65	2,25
Heat exchanger capacity S1	L 5,8	8,6	10	13,7
Heat losses ΔT 45K	W 59	68	91	95
Energy efficiency class	B	B	C	C
Maximum operational temperature	°C 95	95	95	95
Maximum operational temperature of heat exchanger	°C 110	110	110	110
Rated pressure	bar 3	3	3	3
Rated pressure of the heat exchanger	bar 6	6	6	6
Dimensions ±5 mm				
h	mm 1202	1422	1476	1674
i	mm 655	817	786	719
j	mm 268	301	307	289
n	mm		462	719
q	mm 995	1238	1155	1450
r	mm 730	873	843	1038
s	mm 465	538	533	626
t	mm 200	203	217	214
u	mm 75	75	75	75
R	mm 1343	1530	1590	1825
Ø C	mm 600	650	750	740
Ø D	mm 500	550	650	650

MODEL	V 95-200 60	V 125-300 65	V 155-500 75 F42 P5	V 155-500 75 F42 P5
IS1	heat exchanger inlet	G 1"	G 1"	G 1"
OS1	heat exchanger outlet	G 1"	G 1"	G 1"
TS1-2-3-4	thermo pocket heat exchanger levels 1-2-3-4	G 1/2"	G 1/2"	G 1/2"
TS51	thermo pocket heat exchanger level 5	G 1/2"	G 1/2"	G 1/2"
AV	opening for air ventilation	G 1/2"	G 1/2"	G 1/2"
D	drainage	G 3/4" B	G 3/4" B	G 3/4" B
L1-2-3-4	levels 1-2-3-4	G 1/2"	G 1/2"	G 1/2"

Thread designations according to EN ISO 228-1/1



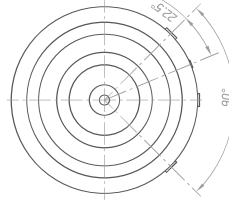
IHWTs - buffer tanks for heating systems | with a heat exchanger | 800 to 2000 litres



MODEL	V 125-800 95 F43 P5 C	V 155-1000 120 F45 P5 C	V 155-2000 130 F46 P5 C	V 155-2000 130 F46 P5 C
Art. number	303889	303889	303887	303882
Capacity	L 776	866	1439	1653
Net weight	kg 169	198	205	360
Insulation	mm 80	80	100	100
Heat exchanger surface S1	m ² 2,89	3,45	3,47	4,45
Heat exchanger capacity S1	L 26,2	31,3	31,4	41,6
Heat losses ΔT 45K	W 128	136	158	183
Energy efficiency class	C	C	C	C
Maximum operational temperature	°C 95	95	95	95
Maximum operational temperature of heat exchanger	°C 110	110	110	110
Rated pressure	bar 3	3	3	3
Rated pressure of the heat exchanger	bar 6	6	6	6
Dimensions ±5 mm				
h	mm 1947	2132	2220	2413
i	mm 1021	1186	1037	1271
j	mm 360	360	427	446
n	mm 581	581	547	546
q	mm 1500	1774	1726	1895
r	mm 1120	1303	1293	1412
s	mm 740	832	860	929
t	mm 360	360	427	446
R	mm 1960	2195	2265	2481
Ø C	mm 950	950	1200	1300
Ø D	mm 790	790	1000	1100

MODEL	V 125-800/95 F43 P5 C	V 125-1500 120 F45 P5 C	V 155-2000 130 F46 P5 C
IS1	heat exchanger inlet	G 1 1/2" B	G 1 1/2" B
OS1	heat exchanger outlet	G 1 1/2" B	G 1 1/2" B
TS1-2-3-4	thermo pocket heat exchanger levels 1-2-3-4	G 1/2"	G 1/2"
TS51	thermo pocket heat exchanger level 5	G 1/2"	G 1/2"
AV	opening for air ventilation	G 1 1/2"	G 2" B
L1-2-3-4	levels 1-2-3-4	G 1 1/2"	G 2" B

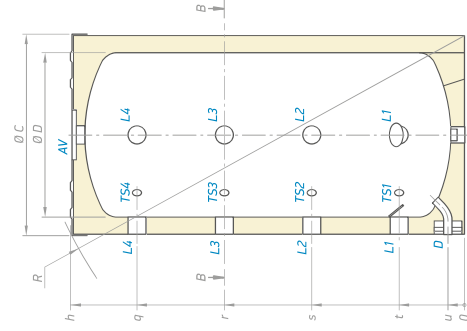
Thread designations according to EN ISO 228-1/1





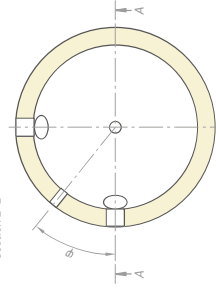
IHWTs - buffer tanks for heating systems | without heat exchangers | 200 to 500 litres

section A-A



MODEL	V 200 60 F4/0 P4	V 300 65 F4/1 P4	V 400 75 F4/2 P4	V 500 75 F4/2 P4
Art. number	300632	300634	300635	300633
Capacity	L 202	254	306	467
Net weight	kg 40	59	113.5	121
Insulation (rigid PU)	mm 50	50	50	50
Heat losses ΔT 5K	W 59	68	91	95
Energy efficiency class	B	B	C	C
Maximum operational temperature	°C 95	95	95	95
Rated pressure	bar 3	3	3	3
Dimensions ±5 mm				
h	1200	1420	1610	1674
q	903	1208	1165	1451
r	728	973	849	1039
s	463	538	533	627
t	198	203	17	25
u	50	52	67	67
φ	45	45	22.5	22.5
R	1345	1563	1590	1623
Ø C	600	650	750	750
Ø D	500	550	650	650

section B-B

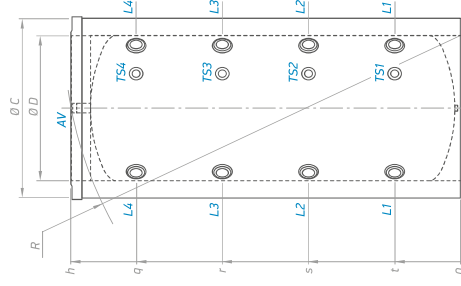


MODEL	V 200 60 F4/0 P4	V 300 65 F4/1 P4	V 400 75 F4/2 P4	V 500 75 F4/2 P4
TS1	thermo pocket level 1	G 1/2"	G 1/2"	G 1/2"
TS2	thermo pocket level 2	G 1/2"	G 1/2"	G 1/2"
TS3	thermo pocket level 3	G 1/2"	G 1/2"	G 1/2"
TS4	thermo pocket level 4	G 1/2"	G 1/2"	G 1/2"
AV	opening for air ventilation	G 1 1/2"	G 1 1/2"	G 1 1/2"
D	drainage	G 3/8"	G 3/8"	G 3/8"
L1	level 1	G 1 1/2"	G 1 1/2"	G 1 1/2"
L2	level 2	G 1 1/2"	G 1 1/2"	G 1 1/2"
L3	level 3	G 1 1/2"	G 1 1/2"	G 1 1/2"
L4	level 4	G 1 1/2"	G 1 1/2"	G 1 1/2"

Thread designations according to EN ISO 228-1/1



IHWTs - buffer tanks for heating systems | without heat exchangers | 800 to 2000 litres



MODEL	V 800 95 F4/3 P4 C	V 1000 120 F4/5 P4 C	V 1500 130 F4/6 P4 C	V 2000 130 F4/6 P4 C
Art. number	Nº 303896	303897	303893	303894
Capacity	L 805	902	1476	1904
Net weight	kg 115	145	210	284
Insulation	mm 80	80	100	100
Heat losses ΔT 5K	W 128	136	158	183
Energy efficiency class	C	C	C	C
Maximum operational temperature	°C 95	95	95	95
Rated pressure	bar 3	3	3	3
Dimensions ±5 mm				
h	1947	2132	2270	2413
q	1500	1774	1726	1896
r	1120	1303	1293	1412
s	740	832	880	929
t	360	360	427	446
R	1950	2195	2295	2461
Ø C	950	950	1200	1300
Ø D	790	790	1000	1000

MODEL	V 800 95 F4/3 P4 C	V 1000 120 F4/5 P4 C	V 1500 130 F4/6 P4 C	V 2000 130 F4/6 P4 C
TS1	thermo pocket level 1	G 1/2"	G 1/2"	G 1/2"
TS2	thermo pocket level 2	G 1/2"	G 1/2"	G 1/2"
TS3	thermo pocket level 3	G 1/2"	G 1/2"	G 1/2"
TS4	thermo pocket level 4	G 1/2"	G 1/2"	G 1/2"
AV	opening for air ventilation	G 1 1/2"	G 2" B	G 2" B
L1	level 1	G 1 1/2"	G 2" B	G 2" B
L2	level 2	G 1 1/2"	G 2" B	G 2" B
L3	level 3	G 1 1/2"	G 2" B	G 2" B
L4	level 4	G 1 1/2"	G 2" B	G 2" B

Thread designations according to EN ISO 228-1/1