

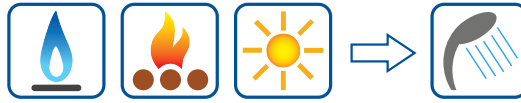
BF

Multifunctional tank for domestic hot water

IMAS GROUP
REAL QUALITY MADE IN ITALY


100 150 200 300 400 500 600 750 800 1000 1250 1500 2000 2500 3000 4000 5000

Tanks for domestic hot water storage (DHW).



Main features		
Material		Carbon steel
External treatment	750-5000	Rustproof paint
Maximum working pressure	Tank	6 bar
Maximum working pressure	Exchangers	10 bar
Maximum working temperature	Exchangers	110 °C
Guarantee	Tank	5 years

Accessories



Thermometer
Complete of 1/2" sensor sleeve



Sensor sleeve
Threaded connection 1/2"

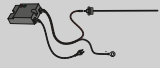


Pins kit (for regulation)
Only for models up to 1000 liters
Threaded connection M10
Height 50mm




Pins kit (for lower drainage)
Only for models up to 1000 liters
Threaded connection M10
Height 125mm

Accessories



Electronic anode
Threaded connection 1/2"



Heating element
Threaded connection 1 1/2"



Plate kit with 1 1/2 connection
Complete of Ø180 plate, gasket, screws and washers

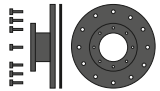


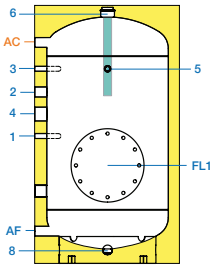
Plate kit with Ø180 reduction
Complete of reduction plate, gasket, screws and washers



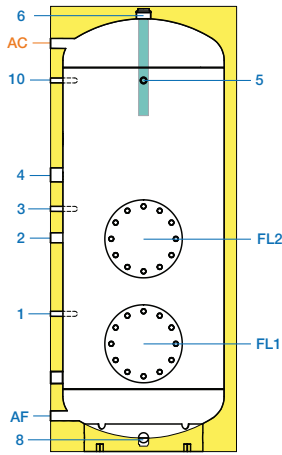
Removable exchanger tinned copper kit
Complete of Ø300 plate, gasket, screws and washers

Model	Insulation	Cathodic protection	Internal treatment	Maximum temperature	Efficiency class UE 812/2013	Dispersion (W)	Weight (kg)
BF 150 F1	PU 50mm + PVC	Magnesium anode	Glass-Enamelled DIN 4753	95 °C	B	56	51
BF 200 F2	PU 50mm + PVC	Magnesium anode	Glass-Enamelled DIN 4753	95 °C	B	63	65
BF 300 F2	PU 50mm + PVC	Magnesium anode	Glass-Enamelled DIN 4753	95 °C	B	70	81
BF 400 F2	PU 50mm + PVC	Magnesium anode	Glass-Enamelled DIN 4753	95 °C	C	79	98
BF 500 F2	PU 50mm + PVC	Magnesium anode	Glass-Enamelled DIN 4753	95 °C	C	94	110
BF 750 F2	Polyester 100mm + PVC	Electronic anode (single)	Glass-Enamelled DIN 4753	95 °C	C	127	198
BF 1000 F2	Polyester 100mm + PVC	Electronic anode (single)	Glass-Enamelled DIN 4753	95 °C	C	142	207
BF 1500 F3	Polyester 100mm + PVC	Electronic anode (double)	Glass-Enamelled DIN 4753	95 °C	C	171	230
BF 2000 F3	Polyester 100mm + PVC	Electronic anode (double)	Glass-Enamelled DIN 4753	95 °C	D	204	285
BF 2500 F3	Polyester 100mm + PVC	Electronic anode (double)	Thermosetting resins	70 °C	-	-	268
BF 3000 F3	Polyester 100mm + PVC	Electronic anode (double)	Thermosetting resins	70 °C	-	-	301
BF 4000 F3	Polyester 100mm + PVC	Electronic anode (double)	Thermosetting resins	70 °C	-	-	453
BF 5000 F3	Polyester 100mm + PVC	Electronic anode (double)	Thermosetting resins	70 °C	-	-	544

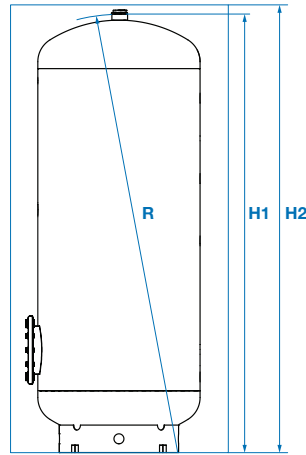
BF 150 F1



BF 200-500 F2

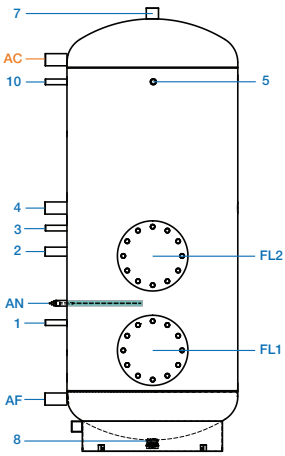


Dimension

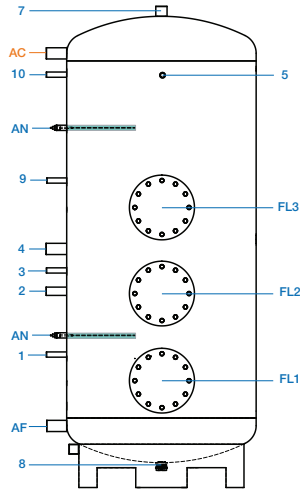


Legend			
1			
3	Sensor	150-500	Sleeve $\varnothing 20$
9		750-5000	1/2"
10			
2	Recirculation		1"
4	Heating element		1" 1/2
5	Thermometer		1/2"
6	Magnesium anode		1" 1/2
7	Free-Air hole		1" 1/2
8	Drainage	150-500	3/4"
		750-5000	1" 1/2
FL1			
FL2	Electronic anode		$\varnothing 300/210$
FL3			
AN	Electronic anode		1/2"
		150-500	1"
AF	Cold water inlet	750-1000	1" 1/4
		1500-5000	1" 1/2
		150-500	1"
AC	Hot water outlet	750-1000	1" 1/4
		1500-5000	1" 1/2

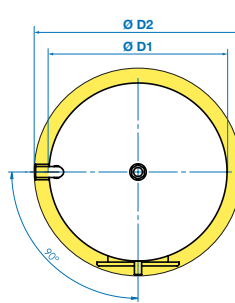
BF 750-1000 F2



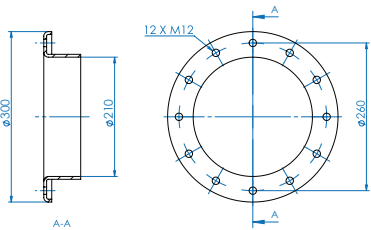
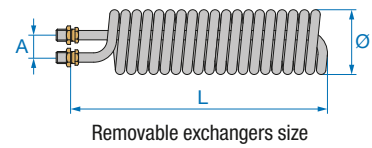
BF 1500-5000 F3



Dimension



Ø D1	Diameter without insulation		
Ø D2	Diameter with insulation		
R	Topple height		
H1	Height without insulation		
H2	Height with insulation		



Flange ($\varnothing 300$) size

BF	Tube type	Surface (m ²)	Power $\Delta 35^\circ$ (kW)	A (mm)	L (mm)	Ø (mm)	Connection
≥ 150	Single	1.80	36	30x70	470	170	3/4"
≥ 400	Single	2.30	45	30x70	570	170	3/4"
	Single	2.63	50	30x70	570	190	3/4"
≥ 750	Single	3.17	60	30x70	660	190	3/4"
	Double	3.60	72	40x90	670	190	1"
≥ 1500	Double	4.54	90	40x90	750	190	1"
	Double	5.26	100	40x90	850	190	1"
	Double	6.34	120	40x90	980	190	1"

Model	1	2	3	4	5-10	9	FL1	FL2	FL3	AF	AC	Ø D1	Ø D2	R	H1	H2
150	521	701	-	611	796	-	401	-	-	132	903	500	600	1215	1032	1053
200	521	821	941	611	1071	-	401	821	-	132	1178	500	600	1460	1307	1328
300	515	815	935	1025	1265	-	395	815	-	138	1397	550	650	1670	1511	1532
400	551	851	971	1061	1220	-	431	851	-	143	1367	650	750	1680	1491	1512
500	551	851	971	1061	1485	-	431	851	-	143	1632	650	750	1930	1756	1777
750	576	876	996	1086	1726	-	456	876	-	238	1814	750	950	2085	2055	2090
1000	582	882	1002	1092	1732	-	462	882	-	244	1819	790	990	2090	2060	2090
1500	650	950	1070	1160	2100	1490	530	950	1370	310	2190	950	1150	2465	2425	2475
2000	665	965	1085	1175	2115	1505	545	965	1385	325	2205	1100	1300	2530	2475	2524
2500	695	995	1115	1205	2145	1535	575	995	1415	335	2235	1200	1400	2600	2533	2590
3000	705	1005	1125	1215	2355	1545	585	1005	1425	365	2445	1250	1450	2825	2750	2800
4000	745	1045	1165	1255	2395	1595	625	1045	1465	405	2485	1400	1600	2940	2836	2900
5000	815	1115	1235	1325	2465	1665	695	1115	1535	475	2555	1600	1800	3055	2934	2986