

Accumulation Tanks

Accumulation tanks are used where public life is a matter of topic such as apartments, hotels, dormitories...etc. They are used with plate exchangers to obtain hot water for public usage.



Technical Specifications

- Capacities are between 100 lt to 6000 lt ,
- Because of the surfaces which are contacted with water , covered with double emaled , our tanks are hygienic.
- The tanks from 100 lt to 600 lt have 50mm polyuretan insulation,
- The tanks from 800 lt to 6000 lt have special sponge insulation,
- The tanks from 100 lt to 600 lt have cover with galvanized electrostatic powder, however from 800lt to 6000, they have special vinlex cover,
- Cathodic protection
- High efficiency
- Electrical resistance as optional
- Esthetic appearance,
- 10 bar working pressure

Connection Schedule

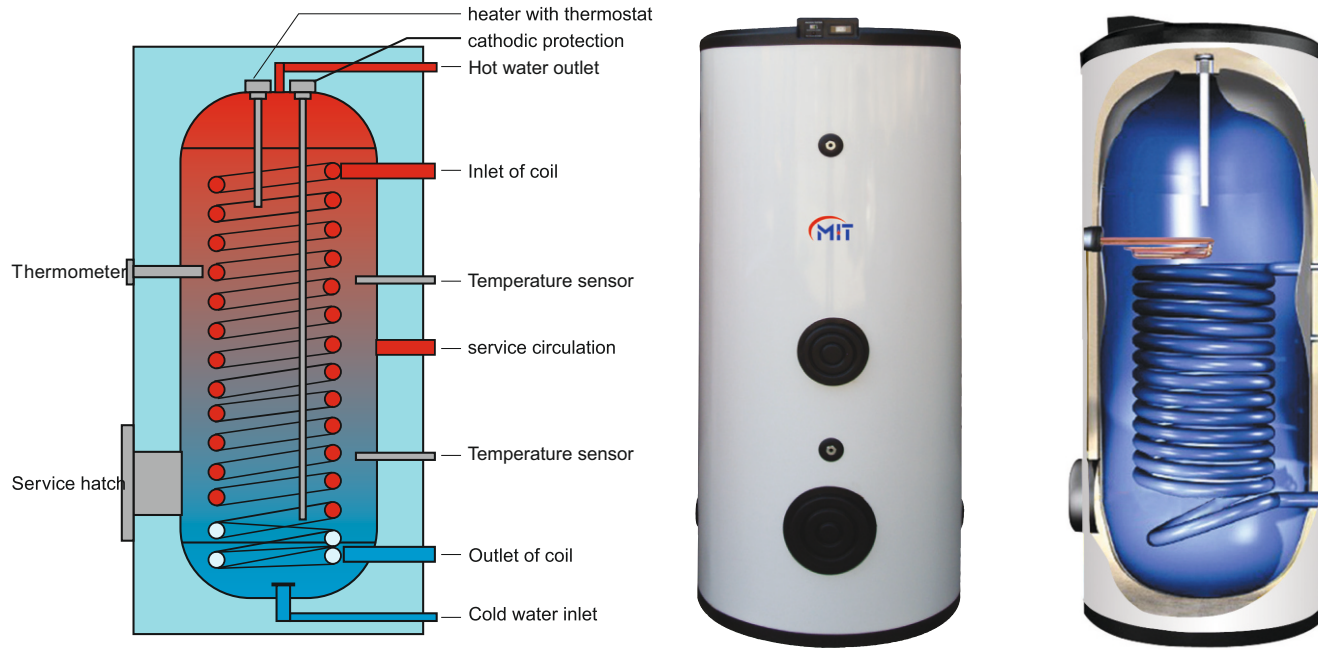
Ideal water heater tank connection diagram

- 1.Safety Valve
- 2.Isolating Valve
- 3.Circulation Valve
- 4.Thermostat
- 5.Check valve
- 6.Strainer



Single Coiled Fast Water Heater Tanks

Single Coiled Fast Water Heater Tanks is used in single heat source systems (burner or solar energy with solid/liquid/gas fuel) to acquire hot water.



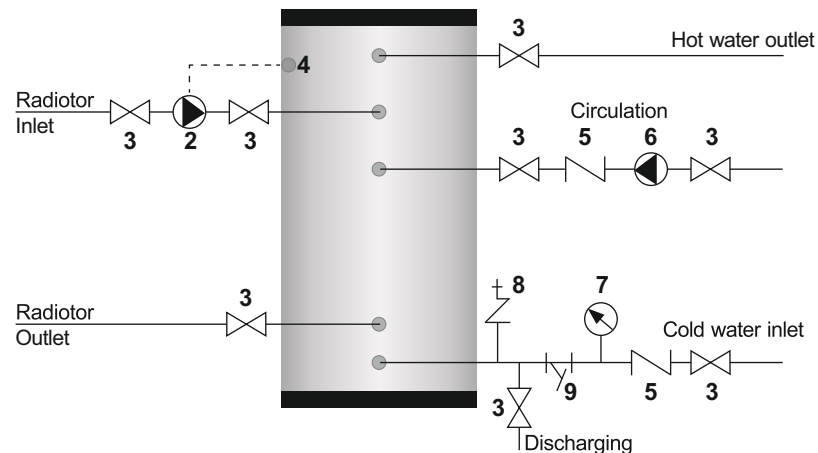
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Single Coil Boiler

Dimensions	MIT 101	MIT 161	MIT 201	MIT 351	MIT 501	MIT 601	MIT 801	MIT 1001	MIT 1501	MIT 2001	MIT 2501	MIT 3001	MIT 4001	MIT 5001	MIT 6001
Capacity(lt)	100	160	200	350	500	600	800	1000	1500	2000	2500	3000	4000	5000	6000
Outside Diameter(mm)	486	586	586	756	756	756	910	1010	1120	1260	1460	1460	1660	1660	1660
Height(mm)	1050	1050	1250	1270	1720	1970	2100	2130	2420	2450	2350	2750	2480	2980	3500
Heater Inlet-Outlet	1"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	2"	2"	2"
Cold Water Inlet-Hot Water Outlet	¾"	¾"	¾"	1"	1"	1"	1¼"	1¼"	1½"	1½"	2"	2"	2½"	2½"	2½"
Circulation	¾"	¾"	¾"	1"	1"	1"	1¼"	1¼"	1½"	1½"	2"	2"	2"	2"	2"
Coil Surface (m2) ²	0,59	0,81	1,08	1,45	2,19	2,19	3,08	3,08	4,97	4,97	6,59	7	8,5	10	12
Weight(kg)	73	89	100	132	181	194	286	352	407	537	680	810	1190	1370	1545

Note: It can be produced full capacity polyurethane insulated galvanized steel sheet via electrostatic powder coating sheath as client requests.

Boiler Capacity(lt)	Hot Fluid Temperature	Heat Capacity(lt/h) 10C-60C	Heat Capacity(lt/h) 10C-45C
100	90-70 °C	480	720
	80-60 °C	330	540
	70-50 °C	230	380
160	90-70 °C	875	1450
	80-60 °C	650	1160
	70-50 °C	445	820
200	90-70 °C	1070	1760
	80-60 °C	890	1320
	70-50 °C	560	1050
350	90-70 °C	1290	2180
	80-60 °C	980	1670
	70-50 °C	635	1280
400	90-70 °C	1290	2180
	80-60 °C	980	1670
	70-50 °C	635	1280
500	90-70 °C	1510	2480
	80-60 °C	1120	1860
	70-50 °C	725	1440
600	90-70 °C	1510	2480
	80-60 °C	1120	1860
	70-50 °C	725	1440
800	90-70 °C	1760	2850
	80-60 °C	1400	2250
	70-50 °C	830	1700
1000	90-70 °C	1760	2850
	80-60 °C	1400	2250
	70-50 °C	830	1700
1500	90-70 °C	2080	3350
	80-60 °C	1640	2640
	70-50 °C	970	2000
2000	90-70 °C	2380	3750
	80-60 °C	1840	2960
	70-50 °C	1090	2230
3000	90-70 °C	3020	5820
	80-60 °C	2200	4400
	70-50 °C	1200	2810
4000	90-70 °C	4120	6870
	80-60 °C	3020	5220
	70-50 °C	1780	3790
5000	90-70 °C	5430	8750
	80-60 °C	4230	6600
	70-50 °C	2225	4880