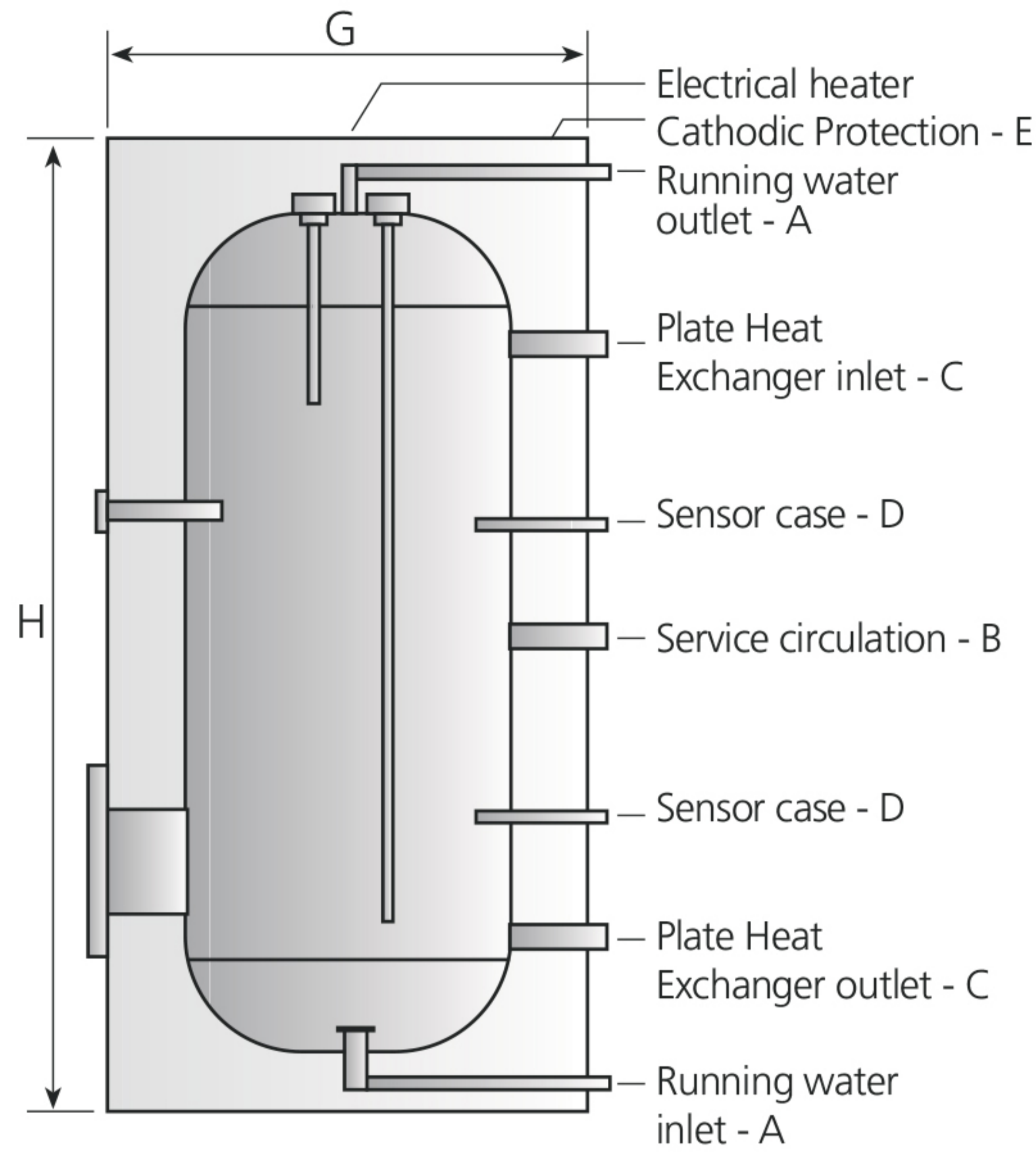


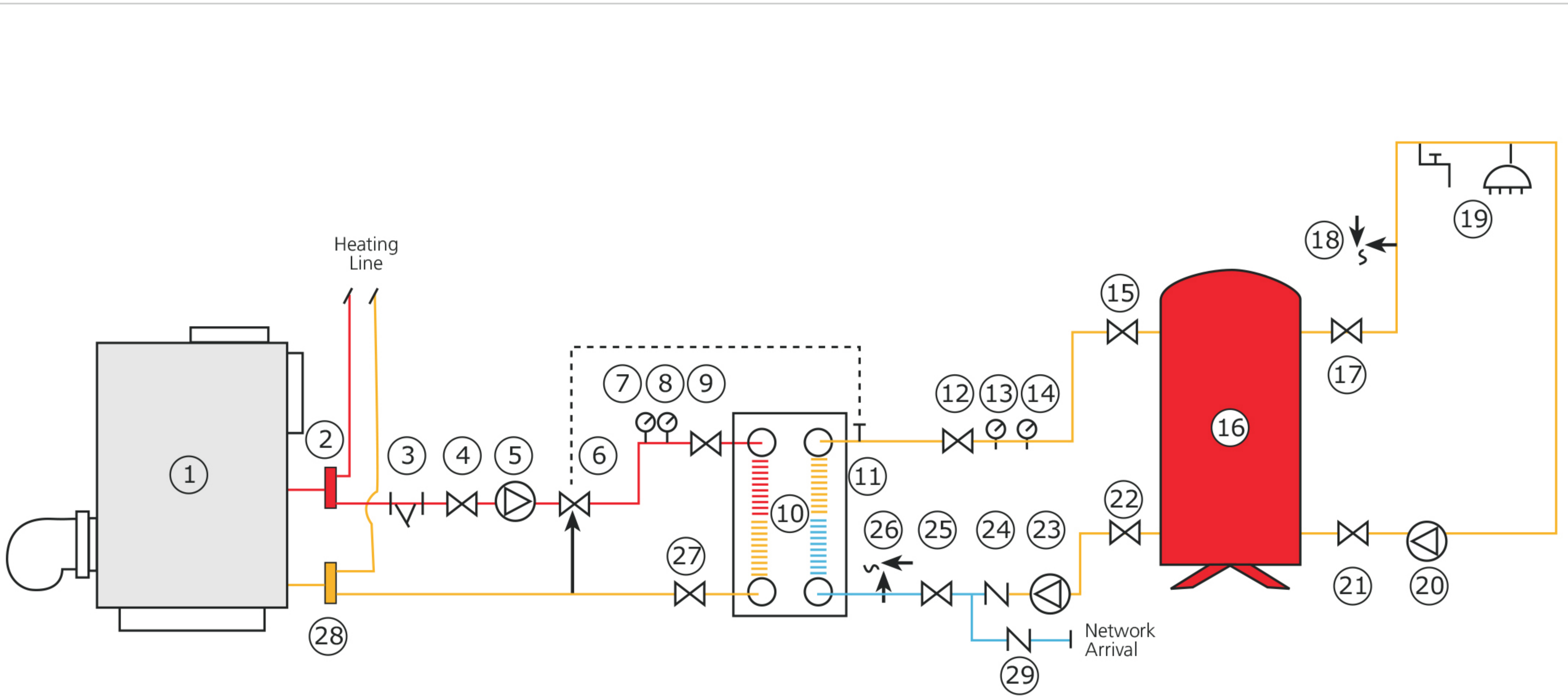
Accumulation Tanks



Capacity	100 lt	160 lt	200 lt	300 lt	350 lt	400 lt
A - Running water inlet-outlet	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
B - Service circulation	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
C - Plate Heat Exchanger inlet-outlet	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
D - Sensor case	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
E - Cathodic Protection	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
F - Thermometer Inlet	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
G - Diameter (mm)	490	590	590	650	750	750
H - Height (mm)	1100	1140	1335	1560	1405	1435
Weight (kg)	50	69	80	95	115	123

Capacity	500 lt	600 lt	800 lt	1000 lt	1500 lt	2000 lt
A - Running water inlet-outlet	1 1/4"	1 1/4"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
B - Service circulation	1 1/4"	1 1/4"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
C - Plate Heat Exchanger inlet-outlet	1 1/4"	1 1/4"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
D - Sensor case	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
E - Cathodic Protection	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
F - Thermometer Inlet	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
G - Diameter (mm)	750	750	900	1000	1260	1260
H - Height (mm)	1830	2070	2150	2080	1890	2270
Weight (kg)	146	165	235	269	342	399

Accumulation Tank Connection Scheme



- | | | | |
|------------------------------|-------------------------|------------------------|--------------------------|
| 1) Boiler | 8) Monometer | 15) Valve | 22) Valve |
| 2) Leaving Collector | 9) Valve | 16) Accumulation Tank | 23) Pump |
| 3) Dirt Holder | 10) Heat Exchanger | 17) Valve | 24) Check Valve |
| 4) Valve | 11) Temperature Sensor | 18) Safety Valve | 25) Valve |
| 5) Pump | 12) Valve | 19) Usage Areas | 26) Safety Valve |
| 6) Three Way Rational Valve | 13) Thermometer | 20) Pump | 27) Valve |
| 7) Thermometer | 14) Monometer | 21) Valve | 28) Returning Collector |
| | | | 29) Check Valve |

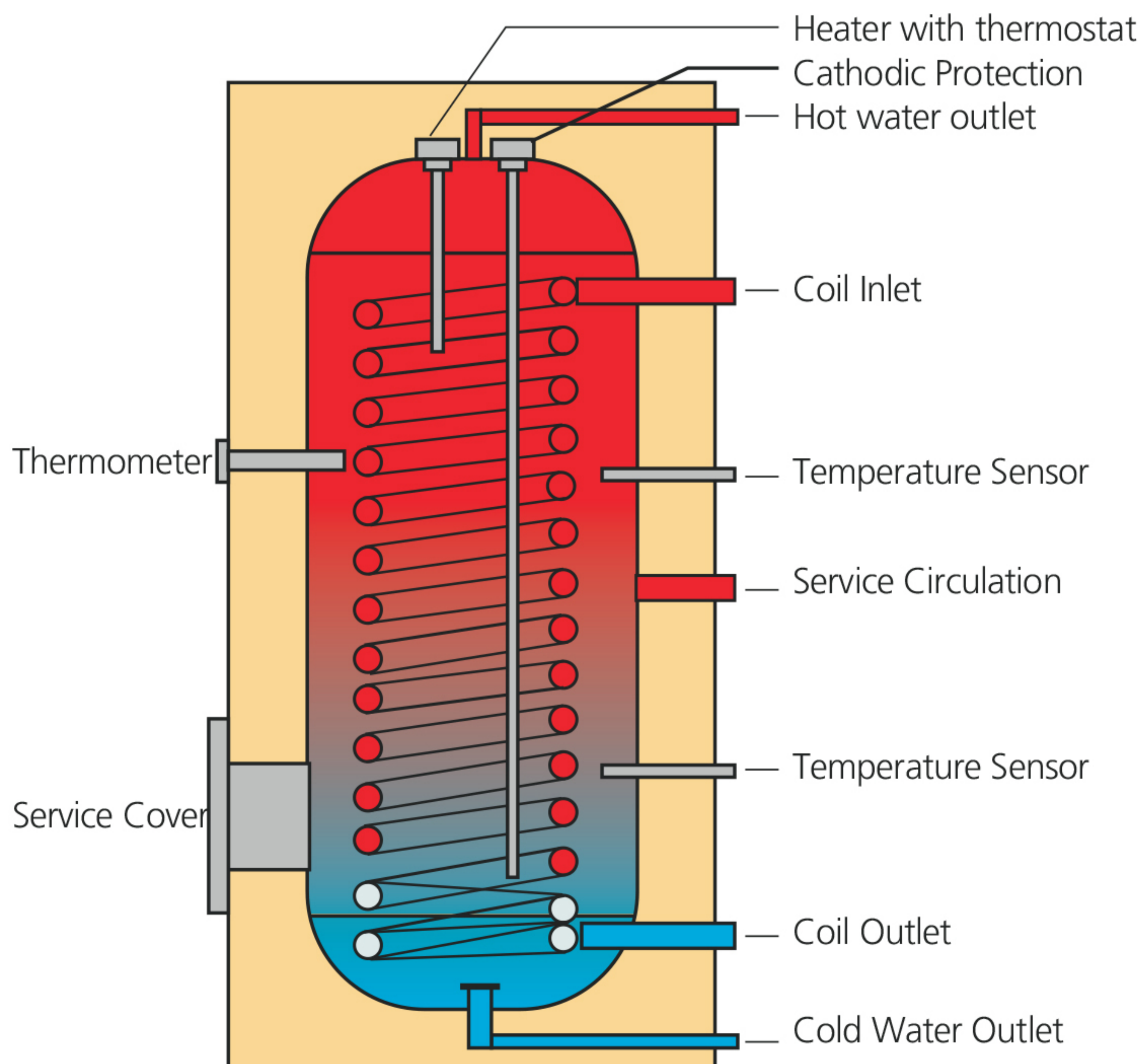
Accumulation Tank Capacities and Dimensions

Capacity (lt)	Model	Dimensions (diameter/height)	Weight (kg)	Working Pressure (bar)	Test Pressure (bar)
100	MIT 100 (TS)	490 / 1080	62	10	13
160	MIT 160 (TS-ÇS)	590 / 1120	87	10	13
200	MIT 200 (TS-ÇS)	590 / 1315	105	10	13
300	MIT 300 (TS-ÇS)	650 / 1560	128	10	13
350	MIT 350 (TS-ÇS)	750 / 1385	134	10	13
400	MIT 400 (TS-ÇS)	750 / 1440	141	10	13
500	MIT 500 (TS-ÇS)	750 / 1810	182	10	13
600	MIT 600 (TS-ÇS)	750 / 2050	203	10	13
800	MIT 800 (TS-ÇS)	900 / 2130	275	10	13
1000	MIT 1000 (TS-ÇS)	1000 / 2060	302	10	13
1500	MIT 1500 (TS-ÇS)	1260 / 1870	474	10	13
2000	MIT 2000 (TS-ÇS)	1260 / 2250	522	10	13

MIT Water Heater Tanks

Single Coiled Fast Water Heater Tanks:

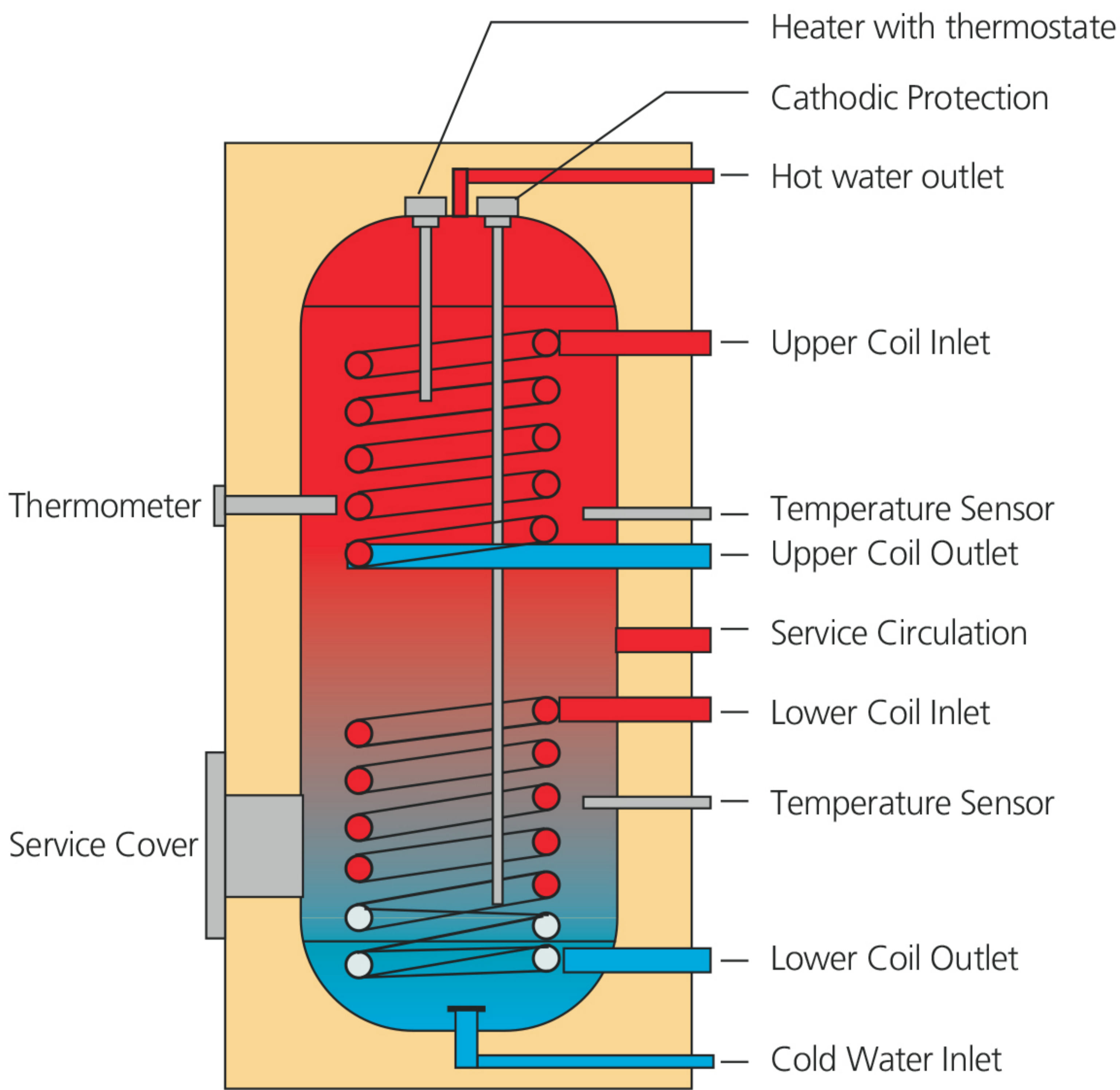
Single Coiled Fast Water Heater Tanks is used in single heat source systems (burner or solar energy with solid/liquid/gas fuel) to acquire hot water.



MIT Water Heater Tanks

Double Coiled Fast Water Heater Tanks:

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



Water Heater Tank Types

A. Epoxy Painted Water Heater Tanks

Material: St 37 First Quality sheet metal is covered with epoxy die after sandblasting.

Insulation:

- Removable Type Polyurethane
- Solid Polyurethane
- Glass Wool
- Rock Wool

Advantages:

- More Suitable Prices Compared To Other Types
- Very Fast Delivery
- High Pressure Resistant
- High Heat Saving



B. Galvanized Immersion Water Heater Tanks

Material: St 37 First Quality sheet metal is applied hot galvanized immersion.

Insulation:

- Removable Type Polyurethane
- Solid Polyurethane
- Glass Wool
- Rock Wool

Advantages:

- More Suitable Prices Compared To Other Types
- Fast Delivery
- High Pressure Resistant
- Low Thermal Conduction



Water Heater Tank Types



C. Stainless Steel Water Heater Tanks

Material: 304 L or 316 L

Insulation:

- Removable Type Polyurethane
- Solid Polyurethane
- Glass Wool
- Rock Wool

Advantages:

- Very High Corrosive Resistant
- Very Long Lasting
- High Pressure Resistant
- Low Thermal Conduction

MIT Water Heater Tank Capacities

- 80 C, for 90-70 primer circuit temperatures
- 70 C, for 80-60 primer circuit temperatures
- 60 C, for solar energy systems.

MIT Single Coil Water Heater Tank (WHT) Heating Capacities

Water Heater Tank Inlet-Outlet temp.	WHT Capacity (lt)	Heater Liquid Temperature	Heat Capacity (lt/h)
Cold Water Outlet: 10°C Hot water outlet: 50°C	100	80°C	490
		70°C	385
		60°C	305
Cold Water Outlet: 10°C Hot water outlet: 50°C	200	80°C	885
		70°C	700
		60°C	525
Cold Water Outlet: 10°C Hot water outlet: 50°C	300	80°C	1270
		70°C	1000
		60°C	740
Cold Water Outlet: 10°C Hot water outlet: 50°C	400	80°C	1640
		70°C	1300
		60°C	820
Cold Water Outlet: 10°C Hot water outlet: 50°C	500	80°C	2000
		70°C	1620
		60°C	1180
Cold Water Outlet: 10°C Hot water outlet: 50°C	750	80°C	2200
		70°C	1750
		60°C	1280
Cold Water Outlet: 10°C Hot water outlet: 50°C	1000	80°C	3540
		70°C	2800
		60°C	2100
Cold Water Outlet: 10°C Hot water outlet: 50°C	2000	80°C	6780
		70°C	5400
		60°C	3950
Cold Water Outlet: 10°C Hot water outlet: 50°C	3000	80°C	8070
		70°C	6380
		60°C	4730
Cold Water Outlet: 10°C Hot water outlet: 50°C	4000	80°C	10700
		70°C	8500
		60°C	6300
Cold Water Outlet: 10°C Hot water outlet: 50°C	5000	80°C	13100
		70°C	10850
		60°C	8070

MIT Double Coil Heating Capacities

Water Heater Tank Inlet-Outlet temp.	WHT Capacity (lt)	Heater Liquid Temp.	Heat Capacity upper (lt/h)	Heat Capacity lower (lt/h)
Cold Water Outlet: 10°C Hot water outlet: 50°C	100	80°C	300	350
		70°C	235	275
		60°C	200	220
Cold Water Outlet: 10°C Hot water outlet: 50°C	200	80°C	580	710
		70°C	465	560
		60°C	345	420
Cold Water Outlet: 10°C Hot water outlet: 50°C	300	80°C	380	1060
		70°C	700	840
		60°C	520	620
Cold Water Outlet: 10°C Hot water outlet: 50°C	400	80°C	1100	1230
		70°C	900	960
		60°C	700	750
Cold Water Outlet: 10°C Hot water outlet: 50°C	500	80°C	1390	1670
		70°C	1120	1350
		60°C	825	990
Cold Water Outlet: 10°C Hot water outlet: 50°C	750	80°C	1490	2200
		70°C	1180	1750
		60°C	375	1280
Cold Water Outlet: 10°C Hot water outlet: 50°C	1000	80°C	2270	2960
		70°C	1800	2350
		60°C	1350	170
Cold Water Outlet: 10°C Hot water outlet: 50°C	2000	80°C	4000	5650
		70°C	3200	4500
		60°C	2300	3300
Cold Water Outlet: 10°C Hot water outlet: 50°C	3000	80°C	6050	7060
		70°C	4800	5600
		60°C	3500	4150
Cold Water Outlet: 10°C Hot water outlet: 50°C	4000	80°C	8050	9400
		70°C	6400	7450
		60°C	4750	5500
Cold Water Outlet: 10°C Hot water outlet: 50°C	5000	80°C	10100	11200
		70°C	8050	9300
		60°C	5900	6900