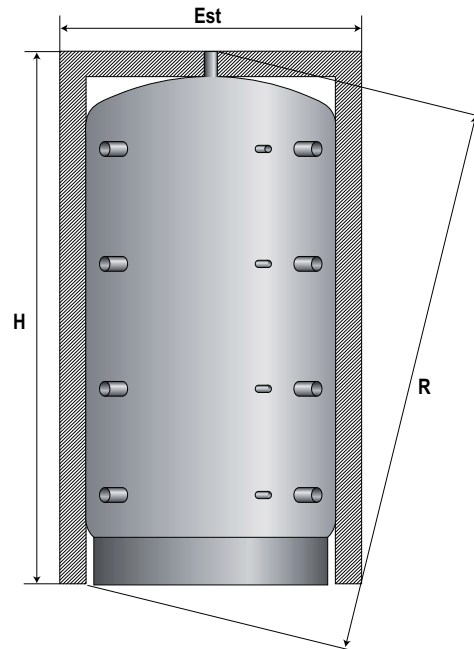


TP - TPS

Hot water storage tanks

TP - TPS



TP-TPS Hot water storage tanks are designed for use with heat stations and are connected directly to the heat pump. They are thermally insulated with a flexible, removable polyurethane cover (CFC free and self extinguishing).

The tanks are supplied with 8 water connections and several probe pockets. The TP versions are supplied without any heat exchanger, while the TPS version incorporates a solar heat exchanger, located in the lower part of the tank to maximise the heating capacity.

TP-TPS storage tanks are suitable for hot water only, they are not to be used for cold water storage.

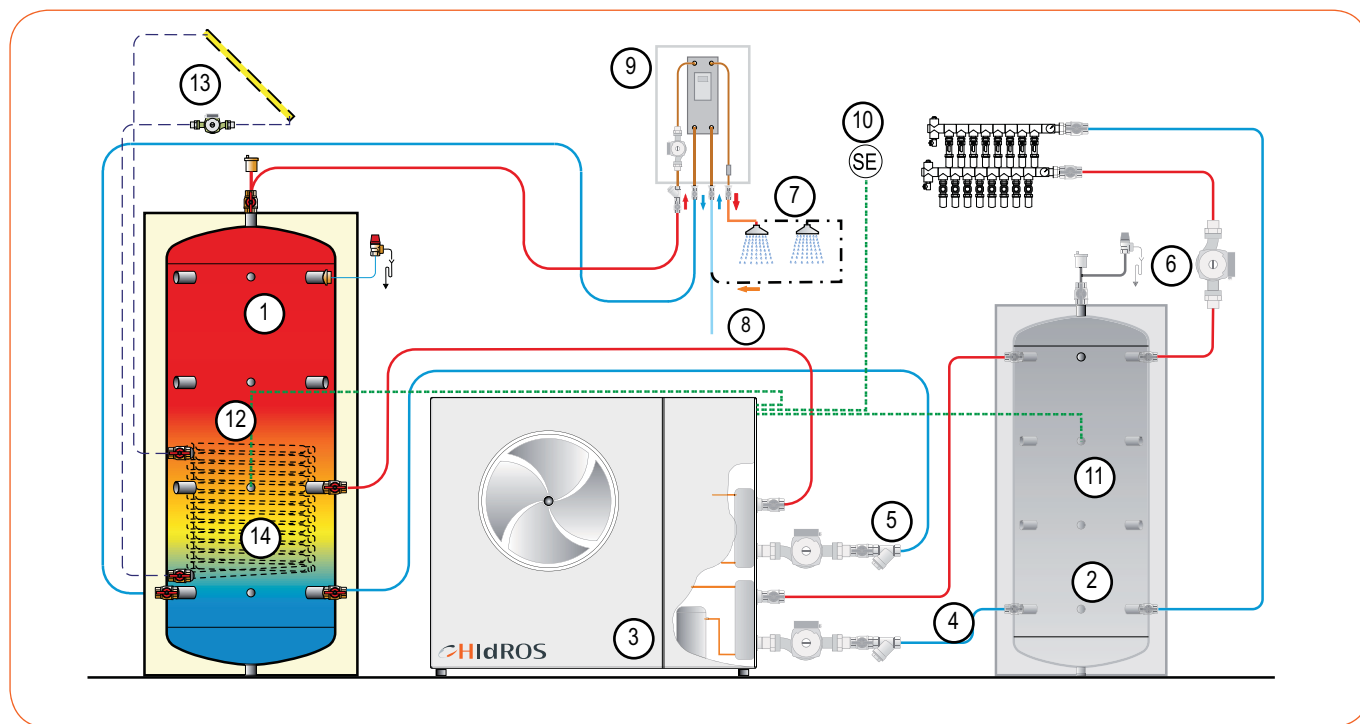
VERSIONS AND ACCESSORIES

- **TP:** Hot water storage tank.
- **TPS:** Hot water storage tank + solar coil.
- Back up electric heater

PRODUCT SPECIFICATIONS

- Thermal insulation protective jacket.
- External protection with durable enamel coating.
- Manufactured from carbon steel ST235JR.
- Thermometer located in sensor pocket.
- Threaded connections (n° 8) diameter 1^{1/2}" (mod. 800 to 2000); 2" (mod.2500 to 5000).

TP - TPS



TP - TPS

1	Hot water storage tanks TP/TPS	8	Cold water inlet
2	Buffer tank TF	9	Domestic hot water station
3	Heat pump	10	External sensor (Supplied with the heat pump)
4	Primary circuit pump (Heating and cooling)	11	Hot water sensor (Supplied with the heat pump)
5	Domestic hot water pump	12	D.H.W. sensor (Supplied with the heat pump)
6	Underfloor system water pump	13	Solar system
7	Domestic hot water outlet	14	Solar coil (TPS versions only)

Model TP - TPS		300	500	800	1000	1250	1500	2000	2500	3000	4000	5000
Thermal insulation	mm	50	50	100	100	85	100	70	85	70	70	70
Coefficient of conductivity	W/mK	0,023	0,023	0,023	0,023	0,023	0,023	0,023	0,023	0,023	0,023	0,023
Maximum working pressure	bar	4	4	4	4	4	4	4	4	4	4	4
Maximum working temperature	°C	95	95	95	95	95	95	95	95	95	95	95
Solar heat exchanger surface (only TPS)	m ²	1,6	2,0	2,7	3,5	3,8	4,5	4,8	5,0	6,0	7,0	8,0
Solar heat exchanger water content (only TPS)	l	11,4	14,2	19,2	24,9	26,9	31,9	34,1	35,5	42,6	49,7	56,8
Solar heat exchanger waterflow (only TPS)	l/h	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
Solar heat exchanger pressure drop (only TPS)	KPa	12	15	19	24	27	35	37	38	44	46	48
Diameter without insulation	mm	500	650	790	790	950	1000	1100	1200	1250	1400	1600
Diameter with insulation	EST mm	600	750	990	990	1120	1170	1240	1370	1420	1540	1740
Total height	H mm	1565	1650	1730	2080	2095	2135	2350	2495	2710	2820	2850
Diagonal dimension	R mm	1680	1820	1790	2125	2160	2210	2420	2580	2800	2920	2970
Weight TP/TPS	Kg	101	143	186	231	265	288	386	420	475	653	757
Code	TP	TP00.30	TP00.50	TP00.80	TP01.00	TP01.25	TP01.50	TP02.00	TP02.50	TP03.00	TP04.00	TP05.00
Code	TPS	TPS0.30	TPS0.50	TPS0.80	TPS1.00	TPS1.25	TPS1.50	TPS2.00	TPS2.50	TPS3.00	TPS4.00	TPS5.00