



Combined tanks for heating water accumulation and DHW production

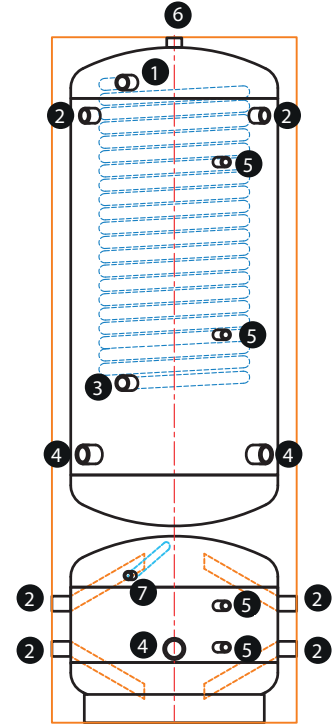
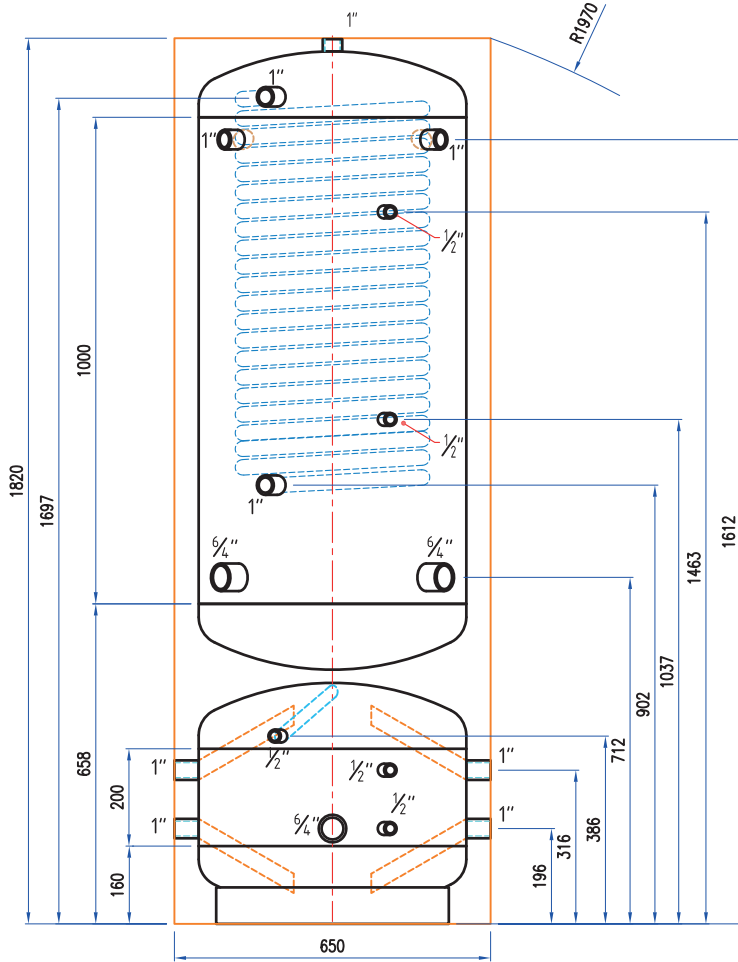


Thermal store		
Upper tank		Buffer tank 300 l with INOX coil for instant production of ACS
Lower tank		Buffer tank 100 l hot/cold for heating and cooling
Material		Carbon steel
Internal treatment		Raw
Connections		Sensors, thermometers and electrical heating
Max. working pressure	Upper tank/lower tank	6 bar
Max. working temperature	Upper tank	95 °C
Min. working temperature	Lower tank	-6°C
Insulation		
Insulation		Hard polyurethane 50mm (CFC-free)
External finish		PVC
DHW exchanger		
Material		Stainless AISI 316L
Max. working pressure		10 bar
Max. working temperature		95 °C

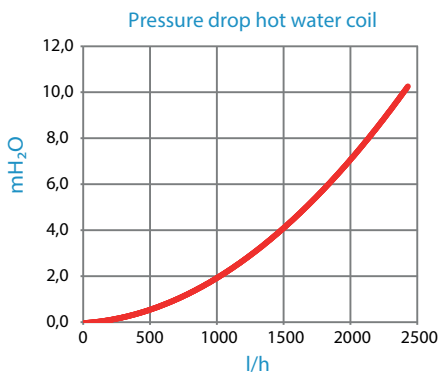
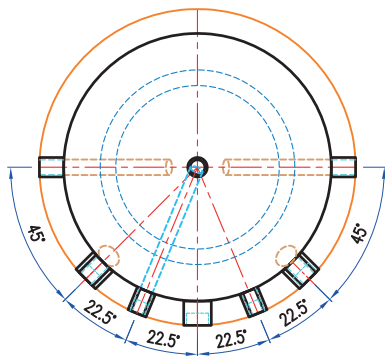
HWP 300/100



Model	Efficiency Class (UE 812/2013)	Dispersion (W)	DHW exchanger (m ²)	Weight (kg)
HWP 300/100	C	80	4,5	120



- Legend**
- ① DHW outlet 1"
 - ② Heating 1"
 - ③ DHW inlet 1"
 - ④ Immersion heater or heating 1 1/2"
 - ⑤ Sensors 1/2"
 - ⑥ Air vent 1" upper tank
 - ⑦ Air vent 1/2" lower tank



Available hot water without back-up

upper tank entirely heated	Tank temperature				
	Flow rate L/min	60°C		55°C	
		Quantity Litres	Duration min	Quantity Litres	Duration min
	15	145	10	90	6

Cold water supply 15°C
Hot water consumption 40°C

Continuous hot water production

Tank temperature	Boiler flow rate	DHW production	Boiler capacity
°C	l/h	l/min	kW
70	2000	37	66
60	2000	29	50
55	2000	21	38
50	2500	15	26

Cold water supply 15°C
Hot water consumption 40°C