

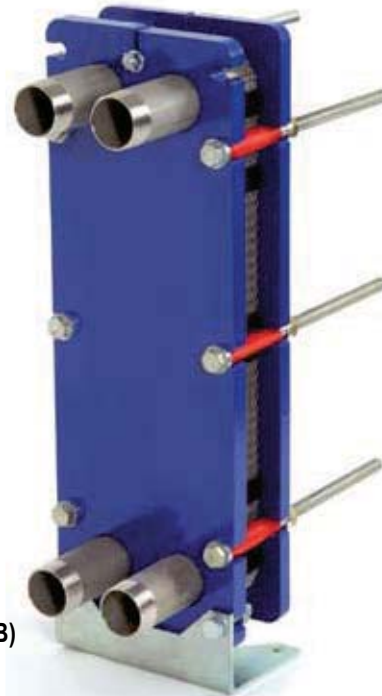
SCP

Plate heat exchangers for domestic hot water production

SCP



(A)



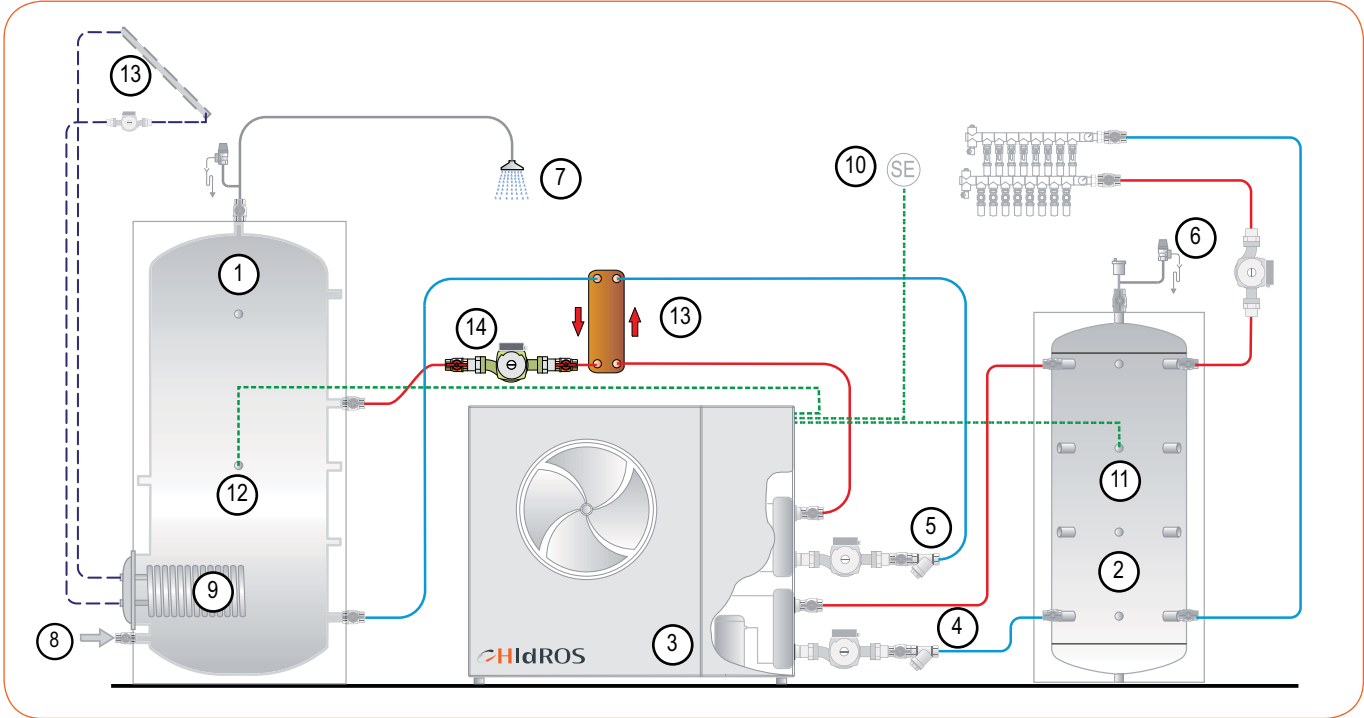
(B)

The SCP plate exchangers are designed for the production of the domestic hot water in combination with heat pump systems. The heat exchanger up to 20 Kw of heating capacity are brazed type, not inspectionable (picture A) while the bigger sizes are inspectionable and fixed with bolts and gaskets.

The use of plate heat exchanger allow the production of domestic hot water in an extreme efficient way, increasing the seasonal C.O.P. of the heat pump compared to other traditional systems.

PRODUCT SPECIFICATIONS

- Heating capacities from 10 to 160 Kw, available on request for higher capacities.
- Working pressure up to 30 bar, up to 16 bar for bolts and gaskets versions.
- Produced in stainless steel AISI316.
- Treaded water connections.
- Primary circuit water flows from 1500 l/h to 2800 l/h.



1	Domestic hot water storage tanks	8	Cold water inlet
2	Buffer tank	9	Domestic hot stainless steel heat exchanger
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	Plate heat exchanger
7	Domestic hot water outlet	14	D.H.W. circuit water pump

