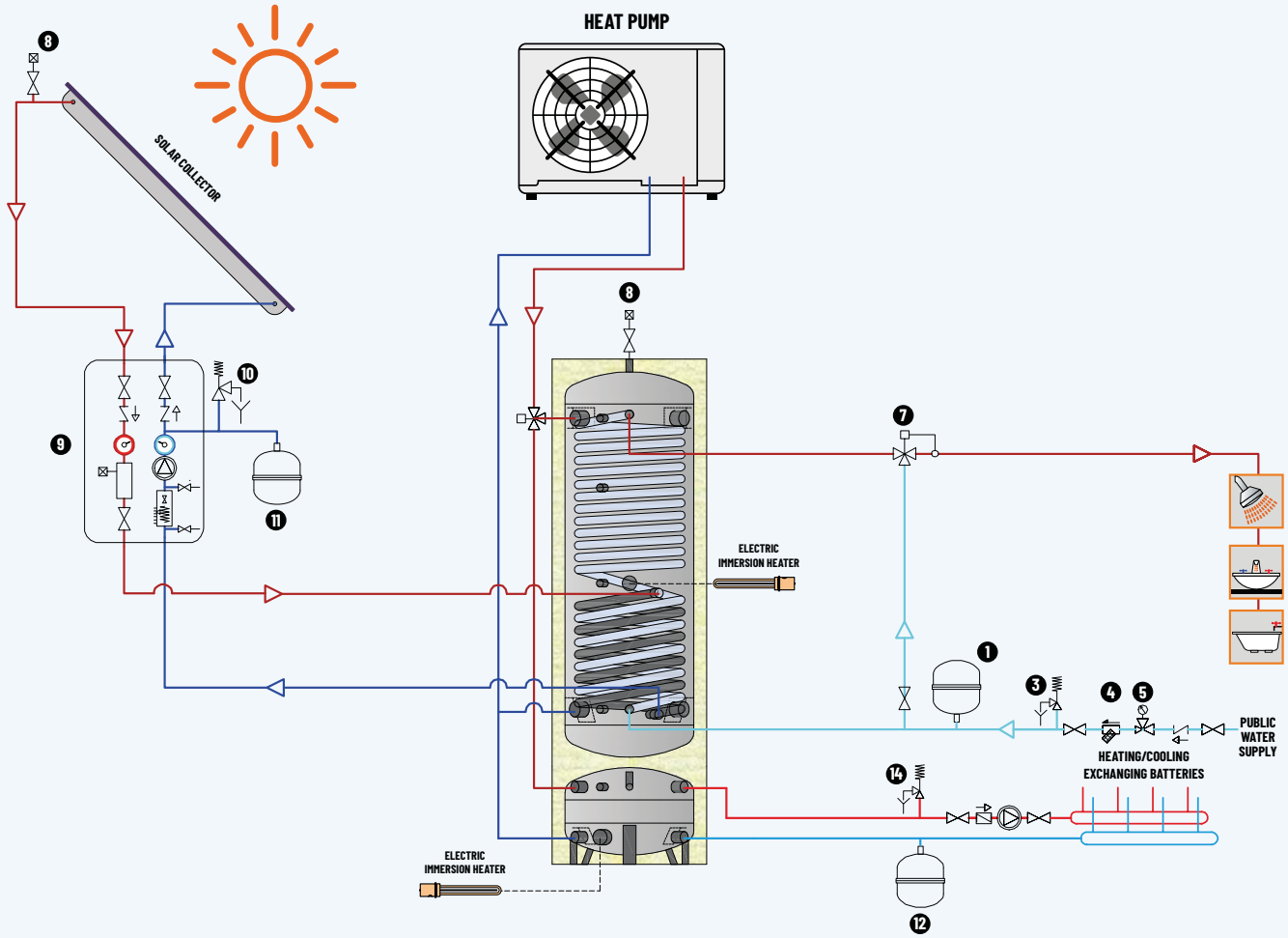
Disclaimer: *this layout is purely indicative. It does not replace consultant's design*



LEGEND

1 . Domestic water expansion vessel
3 . Domestic water safety valve (6 bar)
4 . Strainer
5 . Pressure reducing valve
7 . DHW 3-way valve
8 . Vent with valve
9 . Solar system control unit
10 . Solar system safety kit
11 . Solar system expansion vessel
12 . Heating system expansion vessel
14 . Heating system safety valve

TW_ HP Domestic Hot Water performance

CODE	TW_ HP 00300 R	TW_ HP 00400 R
DHW Heat exchanger m² (L)	4,0 (13,7)	5,0 (17,0)
Power (kW)	36,0	45,0
DHW Continuous draw(1) (L/h)	884	1105
DHW(2) producible with a 10 L/min flow rate, with a totally heated buffer and a not running heat source		
Buffer at 55 °C (L)	82	112
Buffer at 65 °C (L)	185	252
Buffer at 70 °C (L)	269	367
DHW(2) producible with a 20 L/min flow rate, with a totally heated buffer and a not running heat source		
Buffer at 55 °C (L)	45	61
Buffer at 65 °C (L)	112	153
Buffer at 70 °C (L)	175	139
NL (3)	1	1,2

(1) Average buffer temp. 65 °C, DHW from 10 to 45° C
(2) from 10 to 45 °C
(3) Buffer at 70 °C, DHW from 10 to 45° C

TW1 HP auxiliary heat exchanger performance

CODE	TW1 HP 00300 R	TW1 HP 00400 R
Heat exchanger m² (L)	1,2 (4,1)	1,3 (4,5)
Power (kW)		
ΔT(4) = 10° C	6,3	6,8
ΔT(4) = 15° C	9,5	10,2
ΔT(4) = 20° C	12,6	13,6
ΔT(4) = 25° C	15,8	17,0

(4) ΔT: difference between the average temperature of the heating fluid (inside the heat exchanger) and the average temperature of the heated fluid (internal to the buffer in the area affected by the coil).