

Hybridroller

Double tank for DHW production from heat pump and solar with thermal wheel for hot/cold water

60÷500 L

- To be integrated on all kind of plants.
- Storage rapidly, abundant and continuous erogation.
- High efficiency for low exercise costs.
- Absolute hygiene.
- Long durability without corrosion.
- Simplicity of installation.
- Efficient heat-exchange surface.
- Integrated and compact solution.
- Space saving.



H2

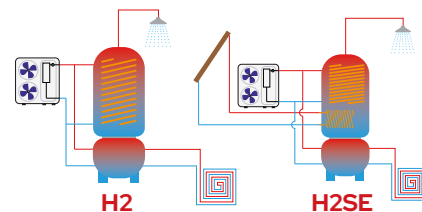
Upper Tank with 1 fixed pipe-coil, made of high quality steel, complete with anodic protection, inside treatment according to Norm DIN 4753-3 and UNI 10025. Lower Puffer for heat or cold water, no inside handling. Insulation: PU-hard polyurethane 70mm

Hybridroller		H2		H2SE	
		300	500	300	500
Diameter with insulation	mm	690	790	690	790
Tot. Height	mm	1925	2040	1925	2040
Weight Empty	kg	150	200	150	200
Effective Capacity	l	270	460	270	450
Pressure Of Operation Serpentine	bar	10	10	10	10
Pressure Of Operation Tank	bar	10	10	10	10
Maximum Temperature Serpentine	°C	110	110	110	110
Maximum Temperature Tank	°C	95	95	95	95
Coil Surface Area	m ²	2,8	4,4	3,7	6,0
Contenuto Acqua Serpentino *	l	17	26,6	20,2	51,5
Rated capacity (60/50°C)	m ³ /h	1,2	2	1,3	2,7
Output power (60/50°C)	kW	14	23	15	31
Produzione Sanitaria (10/45°C) Din 4708	m ³ /h	0,34	0,57	0,37	0,76
Perdita Di Carico	mbar	13	22	11	31
Thermal Wheel For Heat Pump		80	74	80	74
Pressure Of Operation Puffer	bar	6	6	6	6
Maximum Puffer temperature	°C	95	95	95	95

H2SE

Upper Tank with 2 fixed pipe-coils, made of high quality steel, complete with anodic protection, inside treatment according to Norm DIN 4753-3 and UNI 10025. Lower Puffer for heat or cold water, no inside handling. Insulation: PU-hard polyurethane 70mm.

Hybridroller		H2SE	
		300	500
Lower Pipe Coil			
Coil Surface Area	m ²	0,9	1,5
Water Capacity Of The Pipe Coil	l	5,3	9,4
Heating Water (80/60°C)	m ³ /h	0,9	1,6
Heat Delivered	kW	22	37
Output Sanitary Water (10/45°C) Din 4708	m ³ /h	0,54	0,91
Pressure Loss	mbar	7	13
Coils In Series			
Total Surface Area	m ²	3,7	5,9
Total Content	l	22,3	36
Heating Water (60/50°C)	m ³ /h	1,7	2,8
Heat Delivered	kW	20	32
Output Sanitary Water (10/45°C) Din 4708	m ³ /h	0,49	0,79
Pressure Loss	mbar	26	42



* Check that the water contained in the coil is above the minimum water content required by the heat pump

Accessories

RE1.5M3	Electrical resistance single phase 1,5 kW (L=340 mm) *
RE2.0M3	Electrical resistance single phase 2,0 kW (L=390 mm) *
RE3.0M3	Electrical resistance single phase 3,0 kW (L=390 mm) *

VAS	Anti-scalding valve
VE24AT	Expansion vessel 24 l for tanks with capacity up to 500 l
VEP35AT	Expansion vessel 35 l for tanks with capacity up to 1000 l