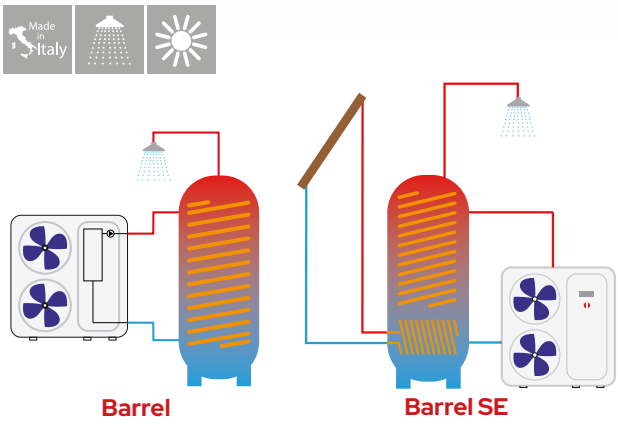
Barrel

DHW boiler with internal treathment and pipe coil for heat pump

300÷1000 L

Water-heater made of high quality steel with 1 fixed pipe-coil, complete with anodic protection, inside treament according to norm DIN 4753 and UNI 10025. Insulation: Foamed hard polyurethane layer 50 mm (mod.200÷500), soft polyurethane 100 mm (mod. 800÷1000).

- To be integrated on all kind of plants.
- Storage rapidity, abundant and continuous erogation.
- High efficiency for low exercice costs.
- Absolute hygiene.
- Long durability without corrosion.
- Simplicty of installation.
- Efficient heat-exchange surface.
- Barrel SE version with solar heat exchanger.



Barrel		200	300	500	800	1000
Total storage	l	190	263	470	702	900
Isolation thickness	mm	50	50	50	100	100
Total height insulation included	mm	1215	1615	1705	1810	2140
Diameter isolation included	mm	600	600	750	990	990
Coil heat exchanger	m^2	3,0	4,0	6,0	7,0	8,0
Water capacity of pipe coil *	l	17,2	23,0	51,5	60,0	68,5
Unladen weight	kg	120	160	220	280	320
Max. working-pressure	bar			10		
Max. working-pressure heat exchanger	bar			6		
Boiler max working temp.	°C			95		
Barrel SE		**200**	**300**	**500**	**800**	**1000**
Total storage	l	-	260	455	702	900
Upper collector pipe coil	m^2	-	3,7	5,2	5,2	6,0
Water capacity of pipe coil *	l	-	18	31	31	35
Unladen weight	kg	-	140	245	250	280
Lower collector pipe coil	m^2	-	1,2	1,8	2,4	3,7

For the accessories see the Puffroller's page
* Check that the water contained in the coil is above the minimum water content required by the heat pump

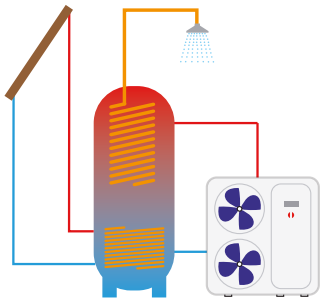
Caddy

Tank for heating water with innovative thermic chimney and incorporated sanitary exchanger

300÷800 L

Innovative tank for alternative source and instant sanitary water production. Caddy is the synthesis of integration tanks to its sanitary water exchanger for the best performance with different energetic sources.

- Insulation made of soft polyurethane 100 mm.
- Solar intergration for HDW and heating technical water.
- Gas boiler integration.
- Wood boiler integration.
- Instantaneous HDW
- Stratification with hydraulic chimney.
- 4 m2 copper coil exchanger.
- Sanitary water exchanger to choose.
- Absolute hygiene.
- Long durability.



Caddy		300	500	800
Total storage	l	270	450	700
Isolation thickness	mm	100	100	100
Total height insulation included	mm	1625	1765	1780
Diameter isolation included	mm	700	850	990
Lower collector pipe coil	m^2	1,9	2,5	2,5
Water capacity of pipe coil	l	11,4	14,9	14,2
Power input	kW	45	60	63
Unladen weight	kg	130	150	220
Heating max working pressure	bar	3	3	3
Boiler max working temp	°C	95	95	95

Extractable heat-exchanger kit, complete with bored flange, upper cap for flange and nuts and bolts, already included

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Heat exchanger surface	m^2	4,0
Pipe coil water capacity	l	2,8
Power input	kW	80
Domestic hot water production	m^3/h	2,0
Pressure loss	mbar	584
Power code (DIN 4708)	NL	20

* For the accessories see the Puffroller's page