



Multifunction Thermal Flywheel

4+2 Connetions

HOT-COLD



ErP Energy Class

SERIES ISPHCV 35-60-75-100



This series of mini buffer tanks has been designed for heating and cooling systems. These units can function both as a hydraulic separator and as a storage tank. Thanks to these features, the flow rates of the two circuits remain independent, minimizing the start/stop cycles of the heat pump. The units are equipped with a reinforced insulation system, featuring 50 mm thick polyurethane foam, ensuring proper insulation for both heating and cooling modes.

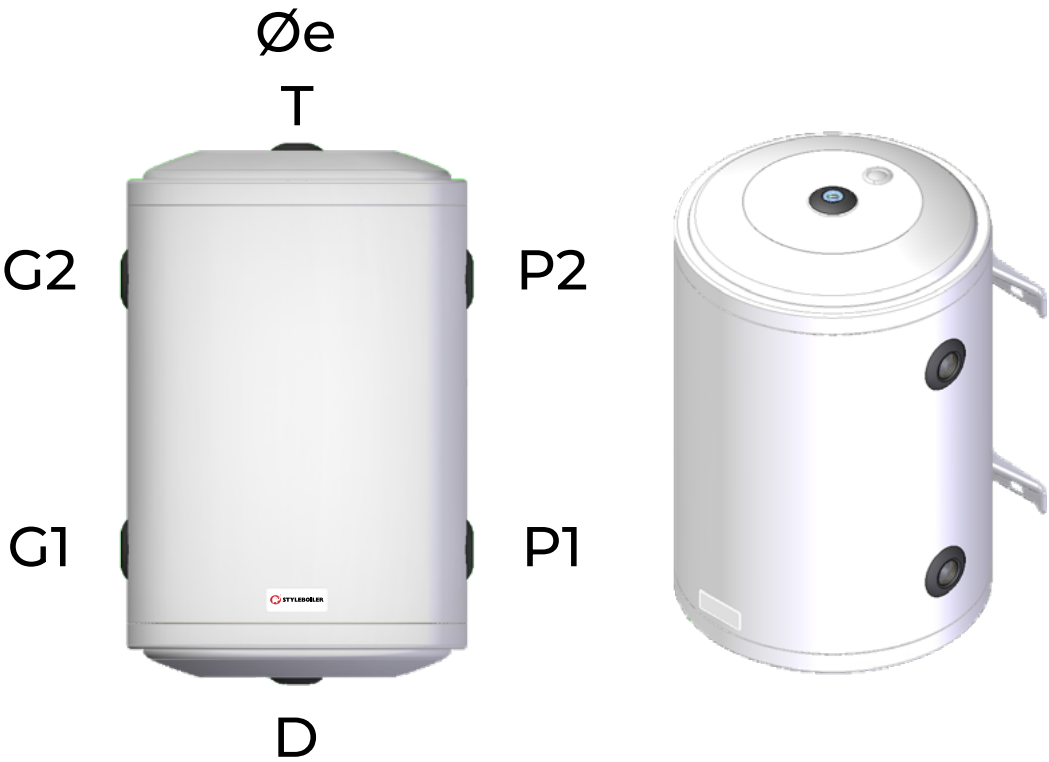


- Inner tank made of S 235 Jr carbon steel
- Designed for wall-mounted installation with flexible options for vertical or horizontal orientation
- Outer casing constructed from epoxy powder-coated sheet metal
- Anti-condensation insulation with eco-friendly rigid polyurethane (PU) foam
- Storage temperature range from -10°C to 95°C
- **Energy efficiency class B**
- Specially designed for use with heat pumps

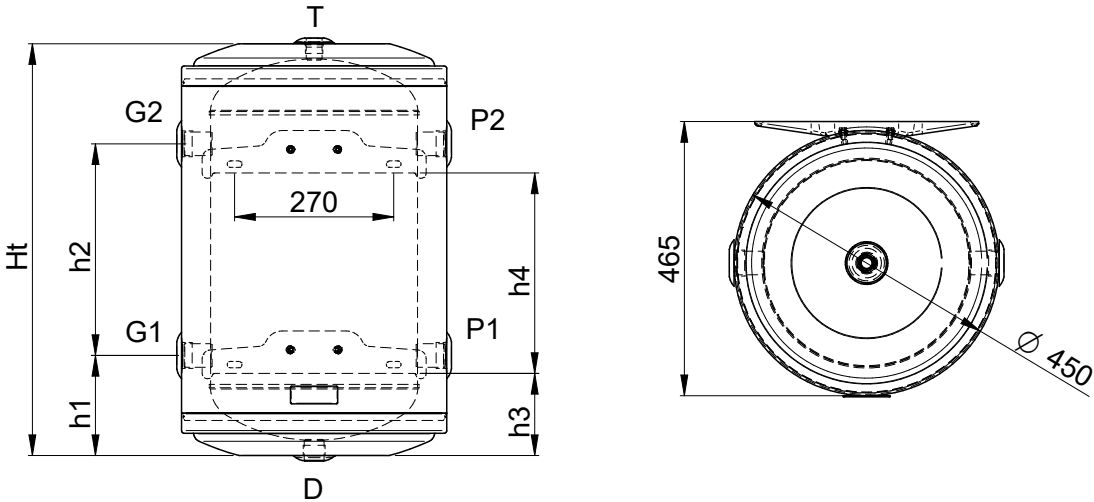
WARRANTY:

- **2 YEARS** ON THE TANK
- **2 YEARS** ON THE OTHER COMPONENTS

TECHNICAL DATA		ISPHCV				
		Size	35	60	75	100
		Code	FU000115	FU000116	FU000117	FU000139
Capacity		l	34	56	71	86
Tank material		type	Carbon Steel S235Jr			
Insulation thickness		mm	≥50	≥50	≥50	≥50
Insulation material		type	High-density rigid polyurethane foam			
ErP Energy Class			B	B	B	B
ErP Thermal dispersions		W/h	34	40	44	47
Maximum water temperature		°C	95			
Minimum water temperature		°C	-10			
Maximum pressure		MPa	0,6			
Connection sizes	(G1-G2)	Rp	1"			
	(P1-P2)	Rp	1"			
Drain	(D)	Rp	3/4"			
Vent	(T)	Rp	1/2"			
Net weight		kg	15.4	20.5	23.8	30.4



DIMENSIONS		ISPHCV			
U.M.		35	60	75	100
Ht	mm	468	699	850	1000
h1	mm	170	170	170	170
h2	mm	128	359	510	660
h3	mm	139	139	166	166
h4	mm	109	340	438	588



KEY	
G1-G2	Inlet-Outlet for utilities
P1-P2	Inlet-Outlet for heat source
D	Drain
T	Vent