

Free Standing One Double Wind High Performance Coil




Double wound cylinders are equipped with double winding coil, it means high thermic exchange for the best performance with low flow resistance. Designed for easy and large domestic hot water using heat pumps, can also be connected to central heating and provided with further systems integration. Indicated for all types of users.

- **Steel tank, glass-lined "Blue Glass 4753" using flow-coating method 850°C, WRAS (BS6920-1) certified**
- 1 Frontal inspection hatch Ø 134 mm for SERIES 300÷600
- 2 Frontal inspection hatch Ø 280 mm (lower), Ø 180 (upper) for SERIES 800÷1000
- 1 Frontal inspection hatch Ø 280 mm for SERIES 1500
- **HIGH Performance coil** with lowered loops to optimize the heat exchange and reduce the limescale production, perfect for technical sanitary water circulation produced by a heat pump
- N°2 corrosion-proof magnesium anode
- **Lower pressure loss** with consequent savings in system of circulation of the heating fluid
- Suitable housing for sensors (Tr)
- High density very thick polyurethane (PU) foam for the utmost energy efficiency (Lambda 0,022 W/mk)
- Integration kits available with single and three-phase connection heating element
- **Perfect for heat pumps**



5 Year Warranty

Technical Data	U.M	CE-ISSWP400	CE-ISSWP500	CE-ISSWP800	CE-ISSWP1000	CE-ISSWP1500
Capacity	L	383	475	819	915	1338
Code	/	172272	172273	186062	186063	172372
Heat exchange surface	m ²	4,9	5,75	6,0	6,0	9,2
Insulation thickness	mm	≥75	≥75	≥95	≥95	≥120
Insulation mode		Very thick PU layer		Very thick PU shells		
Ø without insulation	mm	-	-	790	790	950
Tank protection against corrosion		"Blue Glass 4753" enamelling process certified WRAS BS 6320-1), magnesium anode"		Enamelling process as per DIN 4753, magnesium anode		
ErP Energy Class	 Erp	B	B	C	C	C
ErP Heat Loss Watt		73	77	129	142	142
Max. Operating Temperature	°C	95	95	95	95	95
Max. Operating Temperature ½	MPa	0,6/1,2	0,6/1,2	0,6/1,2	0,6/1,2	0,6/1,2
Net Weight	kg	171	171	190	270	454
Ø Upper hatch (FL o)	mm	-	-	Ø180	Ø180	-
Ø Lower hatch (FL u)	mm	134	134	Ø280	Ø280	Ø280
Hydraulic connections (KW-WW)	mm	1"	1"	2" IG	2" IG	2" IG
Exchanger fittings (PV-PR)	mm	1"¼	1"¼	1" ¼ IG	1" ¼ IG	1" ½ IG
Recirculation fitting (Z)	Rp	¾"	¾"	1" / Rp	1" / Rp	1" IG
Heating element connection (HZL2)		1" ½	1" ½	-	-	2" IG

Note : 1 Max. operating pressure, 2 Max. pressure test according to EN 12897 P.4.4.1

Technical Data	U.M	CE-ISSWP400	CE-ISSWP500	CE-ISSWP800	CE-ISSWP1000	CE-ISSWP1500
Dimensional values: A	mm	755	780 x 805	990	990	1190
Dimensional values: B	mm	775	825	-	-	1225
Dimensional values: C	mm	1755	1821	1990	2190	
Dimensional values: D	mm	155	168	175	175	
Dimensional values: E	mm	358	371	275	275	
Dimensional values: F	mm	-	-	1400	1400	
Dimensional values: G	mm	958	913	1195	1195	
Dimensional values: H	mm	1293	1366	1765	1765	
Dimensional values: I	mm	1339	1412	-	-	
Dimensional values: M	mm	1586	1658	-	-	
Tilt height	mm	1868	1950	2020	2020	

Performance Data

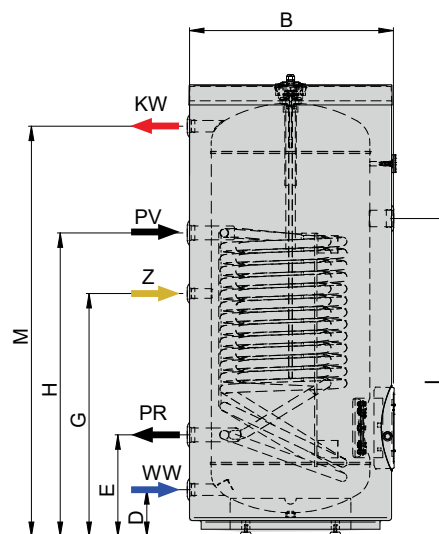
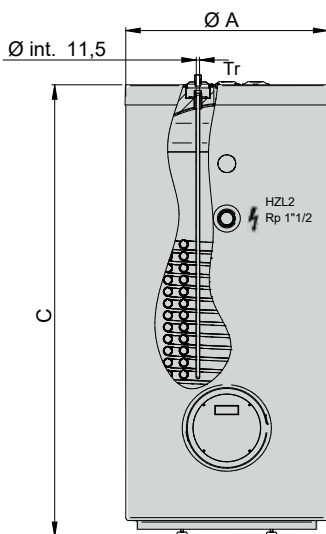
	Continuous D.H.W. production calculated with the following temperature 1		Value as per DIN 4708 (NL data) 2		D.H.W. production in 60 min 3		Max Performance 10 min	D.H.W. Performance after 30 min	Inlet temperature 55 °C	
	50 °C	60 °C								
	[kW]	[l/h]	[kW]	[l/h]	NL	[l]	[l/min]	[l]	[l/min]	[l]
400	18,5	454	58,8	1297	6,0	326	32,6	221	27,0	935
500	25,2	619	72,0	1769	9,1	393	39,3	335	31,7	1183
800	25,2	619	72,0	1769	12,0	455	45,5	439	35,9	1563
1000	25,2	619	72,0	1769	18,7	586	58,6	676	45,0	1674
1500	38,6	949	110,0	2711	28,7	898	89,8	1036	68,9	2565

1 - Cold water (AF) heated from 10° up to 45° C

2 - Cold water (AF) heated from 10° up to 45° C; Inlet at 70°C; Cylinder temperature AF+50K

3 - Datas calculated on max. Performance; AF (cold water) from 10° up to 45; cylinder temperature at 60°C

CE-ISSWP400, CE-ISSWP500



CE-ISSWP800, CE-ISSWP1000, CE-ISSWP1500

