Free Standing inoX
1 Coil

ErP Energy Class B

SERIES ISSWXA 120÷1000 +Upgrades

Stainless steel coil storage indirect cylinders are made using technology that guarantee maximum quality and durability owing to the use of special materials and sophisticated technological advances such as “TIG” and “Plasma” welding. Recommended for industrial and collective use.

- **AISI 316L stainless steel tank pickled and passivated, welded with TIG and Plasma technology**
- **AISI 316L High capacity smooth wall stainless steel coil**
- Front inspection hatch (100x150 mm) for 120-500 liters models
- Front inspection hatch (DN 180) for 750-1000 liters models
- Coil with lowered turns to optimize heat exchange and reduce limescale formation
- Option for electronic anode installation (optional)
- External coating in grey PVC material (RAL 7001) for 120 to 500 liters models
- External coating in white ABS material (RAL 9010) for 750 to 1000 liters models
- Hydraulic fittings positioned at the rear
- High-thickness, high-energy-efficiency polyurethane (PU) foam insulation (λ = 0.022 W/mK) for 120-500 liters models
- Removable graphite EPS insulation (for 750-1000 liters models)
- Adjustable feet for floor standing
- 1” ½ connection for heating element integration kit
- Probe holder connections
- Recirculation fittings

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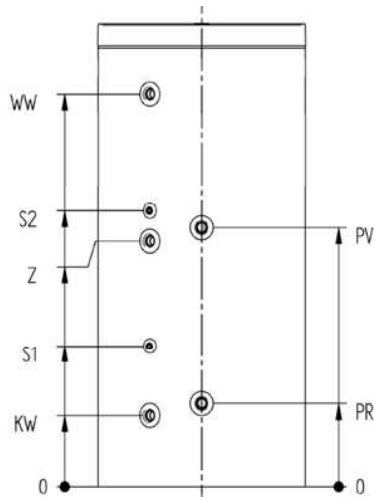
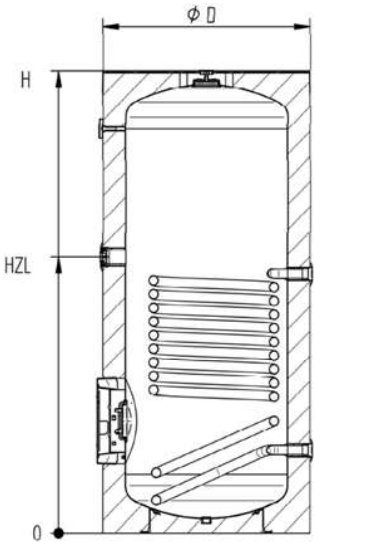
WARRANTY:
- **5 YEARS** ON THE TANK
- **2 YEARS** ON THE OTHER COMPONENTS

TECHNICAL DATA	Size	ISSWXA 120	160	200	300	400	500	750	1000
	Code	IU000147	IU000148	IU000149	IU000150	IU000151	IU000152	IU000153	IU000154
Capacity	l	118	149	197	315	409	487	741	953
Heat exchange surface	m²	0,6	1,1	1,3	1,5	1,7	2,1	3,0	3,5
Power (ΔT35k)*	kW	27	36	41	61	69	79	107	112
D.H.W. production (ΔT35k)*	l/h	663	884	1007	1499	1695	1941	2629	2752
Heating time (ΔT35k)*	min.	11	11	12	13	15	16	18	22
Flow resistance	mbar	28	52	62	158	180	225	270	288
Primary flow rate	m³/h	2	2	2	3	3	3	3	3
Insulation thickness	mm	≥50	≥50	≥75	≥75	≥75	≥75	≥105	≥105
ErP Energy Class	ErP	B	B	B	B	B	B	C	C
ErP Heat Loss Watt	W/h	≤ 45	≤ 52	≤ 55	≤ 65	≤ 73	≤ 80	≤ 105	≤ 120
Max. operating temperature	°C	95	95	95	95	95	95	95	95
Max. operating pressure[1/2]	MPa	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Net weight	kg	33	45	48	69	107	124	-	-
Hydraulic connections (KW-WW)	Rp	¾”	¾”	¾”	1”	1”	1”	1 ¼”	1 ¼ “
Exchanger fittings (PV-PR)	Rp	1”	1”	1”	1”	1”	1”	1 ¼ ”	1 ¼”
Recirculation fittings (Z)	Rp	¾”	¾”	¾”	1”	1”	1”	¾”	¾”
Hydraulic connection temperature probes (S1,S2)	Rp	3/8”	3/8”	3/8”	3/8”	3/8”	3/8”	1/2”	1/2”
Heating element connection (HZL)	Rp	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
Inner Ø (S1,S2)	mm	9	9	9	9	9	9	-	-
Tilt height	mm	1075	1300	1470	1675	1700	1930	1840	2270

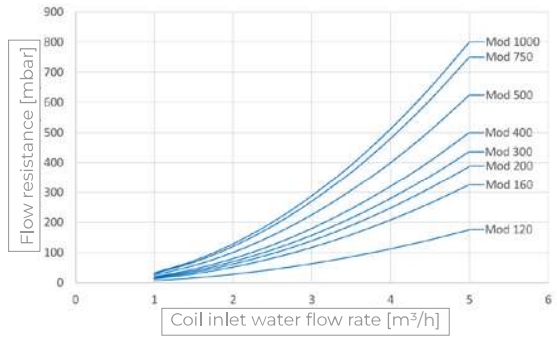
Notes: * Primary circuit temperature 80° / Secondary circuit temperature 10-45°C / Primary flow rate indicated in the table - D.H.W. = domestic hot water
Notes: [1] Max. operating pressure, [2] Max. pressure test according to EN 12897 P.4.4.1





Rif	U.M.	ISSWXA 120	160	200	300	400	500	750	1000
ØD	mm	550	550	650	705	780X805	780X805	990	990
H	mm	924	1174	1310	1510	1518	1782	1854	2302
KW	mm	187	187	200	239	266	266	338	332
S1 / S2	mm	328 / 548	400 / 760	390 / 740	475 / 954	475 / 906	556 / 1031	688 / -	692 / -
Z	mm	447	576	600	814	766	891	1238	1532
WW	mm	712	962	1052	1294	1251	1516	1468	1910
PR / PV	mm	245 / 495	245 / 575	240 / 700	279 / 859	361 / 811	361 / 946	478 / 1108	472 / 1132
HZL	mm	543	763	750	914	881	1021	1178	1212

Flow resistance on coil



Maximum exchangeable power based on the **T1** inlet water temperature of the coil