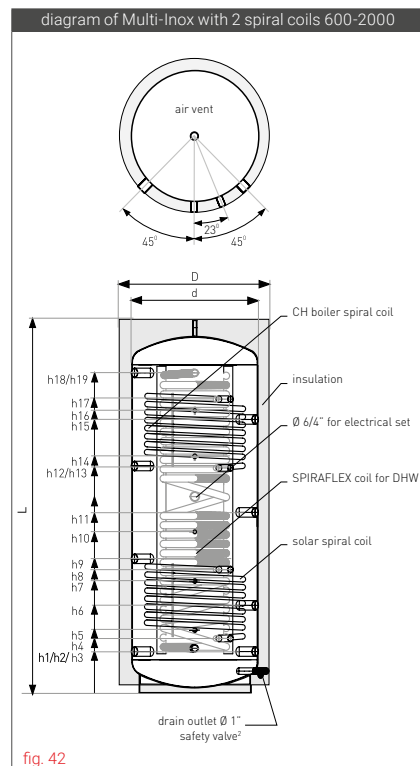
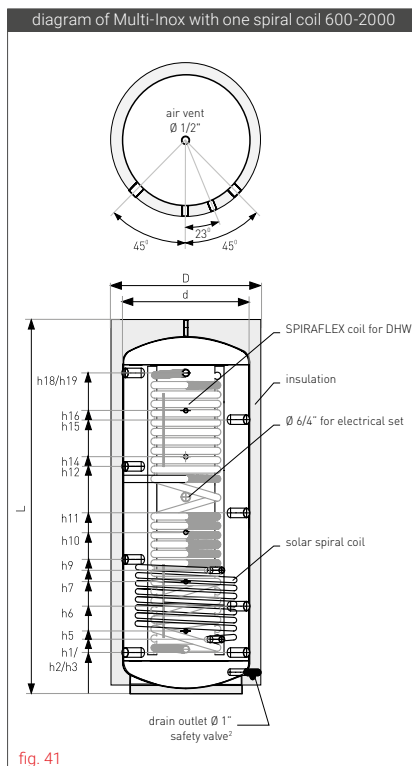
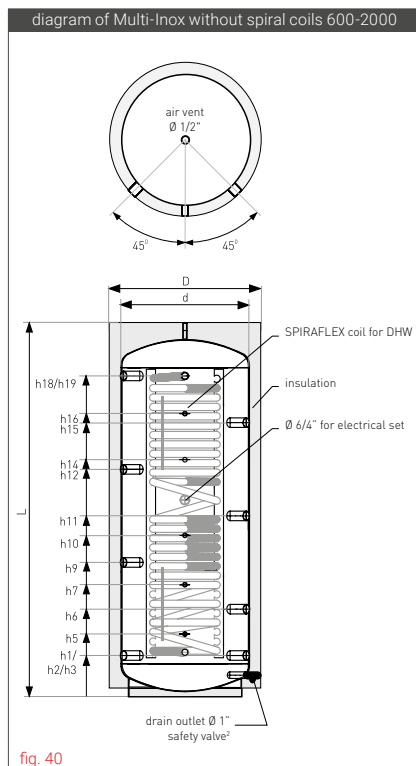


HYGIENIC STRATIFICATION BUFFER TANKS

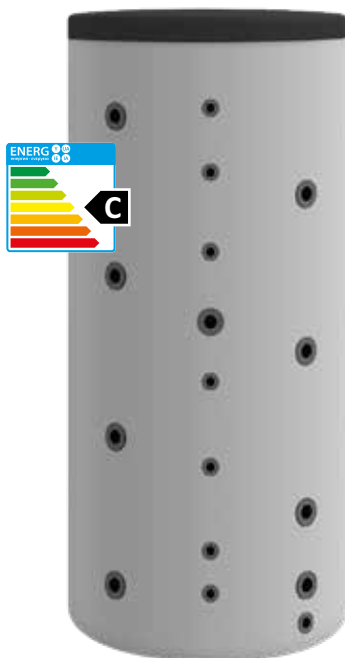
TYPE MULTI-INOX

Technical specification of the Multi-Inox

specification	unit	Multi-Inox				
		600	800	1000	1500	2000
storage capacity ¹	l	597	726	911	1390	1904
ErP polyurethane foam	-	-	-	-	-	-
ErP Neodul®	-	-	-	-	-	-
tank's maximum working pressure	MPa	0,3	0,3	0,3	0,3	0,3
maximum working temp. of the tank with a CH water	°C	90	90	90	90	90
maximum working temp. of the solar spiral coil / CH spiral coil	°C	110	110	110	110	110
coil surface (upper / lower)	m²	1,4/1,4	1,8/1,8	1,8/1,8	3,0/2,4	4,5/3,0
coil's capacity	l	9,8/9,8	12,6/12,6	12,6/12,6	20,9/16,8	33,5/20,9
maximum working pressure of the upper spiral coil	MPa	1,6	1,6	1,6	1,6	1,6
maximum working pressure of the solar spiral coil	MPa	1,6	1,6	1,6	1,6	1,6
maximum working pressure of domestic hot water – SPIRAFLEX	MPa	0,6	0,6	0,6	0,6	0,6
maximum working temp. of domestic hot water – SPIRAFLEX	°C	90	90	90	90	90
coil surface for DHW – SPIRAFLEX	m²	4,1	5,7	7,7	8,25	8,25
coil capacity of domestic hot water – SPIRAFLEX	l	22	30,5	41	44	44
flow through the DHW exchanger at 45°C – SPIRAFLEX	l/min	20	20	20	40	40
flow efficiency at 65°C (constant temperature at constant tank volume) at water temperature 45°C	l	268	510	574	520	572
power of the SPIRAFLEX stainless steel water heater (feed temperature approx. 65°C)	kW	45	61,5	91	117	128
h1 - CH boiler water inflow (int. thread)	" / mm	6/4 / 275	6/4 / 250	6/4 / 250	6/4 / 380	6/4 / 380
h2 - cold water inflow (int. thread)	" / mm	5/4 / 270	5/4 / 270	5/4 / 270	5/4 / 400	5/4 / 380
h3 - CH boiler water inflow (int. thread)	" / mm	6/4 / 275	6/4 / 250	6/4 / 250	6/4 / 380	6/4 / 380
h4 - CH water outflow (int. thread)	" / mm	1 / 345	1 / 330	1 / 330	1 / 460	1 / 450
h5 - sleeve for sensor cover I (Ø)	" / mm	1/2 / 420	1/2 / 380	1/2 / 380	1/2 / 510	1/2 / 610
h6 - CH boiler water inflow (int. thread)	" / mm	6/4 / 490	6/4 / 455	6/4 / 530	6/4 / 705	6/4 / 655
h7 - sleeve for sensor cover II (Ø)	" / mm	1/2 / 640	1/2 / 570	1/2 / 680	1/2 / 875	1/2 / 840
h8 - CH water inflow (int. thread)	" / mm	1 / 745	1 / 750	1 / 750	1 / 1260	1 / 1250
h9 - CH boiler water inflow (int. thread)	" / mm	6/4 / 700	6/4 / 685	6/4 / 815	6/4 / 1015	6/4 / 925
h10 - sleeve for sensor cover III (Ø)	" / mm	1/2 / 865	1/2 / 750	1/2 / 980	1/2 / 1240	1/2 / 1070
h11 - CH boiler water inflow (int. thread)	" / mm	6/4 / 915	6/4 / 900	6/4 / 1100	6/4 / 1325	6/4 / 1205
h12 - CH boiler water inflow (int. thread)	" / mm	6/4 / 1130	6/4 / 1115	6/4 / 1380	6/4 / 1640	6/4 / 1475
h13 - CH water outflow (int. thread)	" / mm	1 / 1105	1 / 1060	1 / 1370	1 / 1590	1 / 1410
h14 - sleeve for sensor cover IV (Ø)	" / mm	1/2 / 1215	1/2 / 1150	1/2 / 1440	1/2 / 1680	1/2 / 1530
h15 - CH boiler water inflow (int. thread)	" / mm	6/4 / 1340	6/4 / 1335	6/4 / 1665	6/4 / 1950	6/4 / 1750
h16 - sleeve for sensor cover V (Ø)	" / mm	1/2 / 1410	1/2 / 1450	1/2 / 1720	1/2 / 2020	1/2 / 1830
h17 - CH water inflow (int. thread)	" / mm	1 / 1505	1 / 1480	1 / 1790	1 / 2190	1 / 1960
h18 - CH boiler water inflow (int. thread)	" / mm	6/4 / 1555	6/4 / 1550	6/4 / 1950	6/4 / 2260	6/4 / 2030
h19 - DHW outflow (int. thread)	" / mm	5/4 / 1560	5/4 / 1555	5/4 / 1950	5/4 / 2260	5/4 / 2030
L - height	mm	1900	1880	2270	2665	2500
d - internal diameter	mm	700	790	790	900	1100
D - external diameter	mm	860	950	950	1100	1300
height when tilted	mm	2120	2130	2470	2890	2820
weight (without insulation)	kg	205	210	238	330	378



¹ According to the (EU) 812/2013, 814/2013.



pic. 37
Multi-Inox in Neodul@ insulation



pic. 38
Multi-Inox
with one steel coil, two steel coils
or without any steel coils

Multi-Inox

cat. no.	type	description
70-601600	600	corrugated stainless steel heat exchanger, Neodul@ insulation, artificial leather / PVC film, non-enamelled
70-801600	800	
70-101600	1000	
70-151600	1500	
80-201600	2000	corrugated, stainless steel heat exchanger and one steel coil, Neodul@ insulation, artificial leather / PVC film, non-enamelled
71-601600	600	
71-801600	800	
71-101600	1000	
71-151600	1500	corrugated, stainless steel heat exchanger and two steel coils, Neodul@ insulation, artificial leather / PVC film, non-enamelled
81-201600	2000	
72-601600	600	
72-801600	800	
72-101600	1000	
72-151600	1500	
82-201600	2000	

Application and advantages of the Multi-Inox

- ▶ Stratified accumulators cooperate perfectly with wood, pellet, gas and oil-fired boilers and in heat recuperation systems.
- ▶ Spirally corrugated, stainless steel heat exchanger SPIRAFLEX guarantees hygienic domestic hot water preparation.
- ▶ Low temperatures at the bottom part of the accumulator make it possible to obtain low water temperature on the solar collector return, thus efficiently use the solar energy. The low return temperature is especially advantageous for condensing boilers, as it allows for using optimally the fuel calorific value.
- ▶ High heating surface of the coil at higher boiler water temperatures provides high domestic hot water temperature, while the exchanger at low temperature range is used to initially heat water and cool down the accumulator.
- ▶ Spirally corrugated stainless steel water heater (material 1.4404 AISI 316L) cleans itself automatically under pressure. The turbulences inside the accumulator prevent the lime scale from depositing on the heater's inner surface.
- ▶ The accumulator can be fitted with one or two additional coils made of boiler steel P.235GH: lower one (solar) for using the solar potential; additional one to quickly heat domestic hot water by using the central heating boiler.
- ▶ The accumulator is thermally insulated with soft, detachable Neodul@ insulation.

▶ Spirally corrugated, stainless steel heat exchanger **cleans itself** under pressure, as turbulences inside the coil prevent the deposition of calcium compounds on its surface.

* Details in the warranty card.

In case of 1000 (only Slim and Multi-Inox versions), 1500 and 2000 tanks the Neodul@ insulation is delivered in separate packaging together with the tank. In other cases, the insulation is mounted directly on the tank.

Standard colour of the metal jacket - white; artificial leather / PVC film - grey.
Available housing colours and special equipment - page 38.