

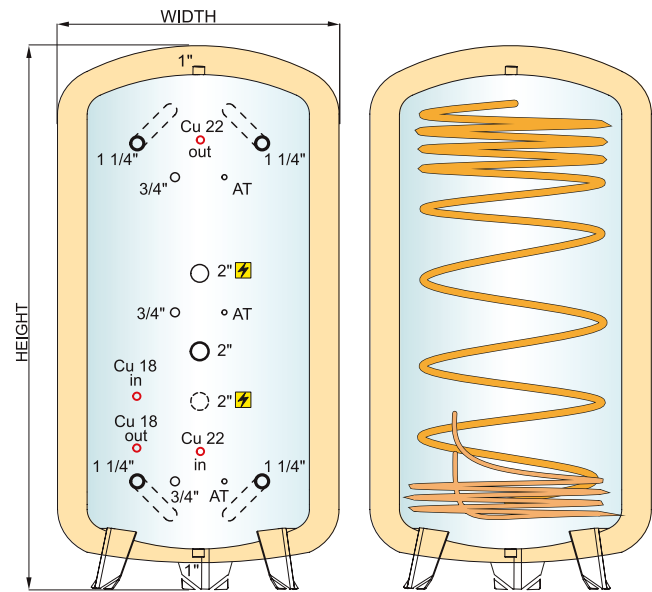
AKVA NERO SOLAR ACCUMULATORS

The NERO accumulator range was developed in response to increasingly strict environmental energy efficiency standards. Superb insulating capacity is ensured by seamless high quality polyurethane insulation material and solutions that boost energy efficiency.

AKVA NERO SOLAR accumulators feature a very powerful special finned copper domestic water coil fitted along the entire length of the accumulator tank. The heat transfer surface area of the coil is double that of an ordinary domestic water coil, thereby maximising output of domestic hot water. The accumulator also includes a solar coil enabling use of solar energy.

TECHNICAL SPECIFICATIONS

Ideal for use in systems with oil, wood or pellet-fired boilers. An electric immersion heater may be fitted in the accumulator to provide heating if the external heat source fails.



Couplings	Pieces	Size	Further details
Network / Boiler coupling	4	1 1/4" 2"	Up to 4,000 litres 5,000 litres or larger
Network / Boiler coupling	1	2"	May also be used as an immersion heater coupling
Thermometer/Thermostat	3	3/4"	
Sensor mount	3	Ø 10 mm	
Electric immersion heater coupling	1 or 2	2"	1 heater up to 750 litres 2 heaters for 1,000 litres or larger
Domestic water coil couplings	2	Ø 22 mm	NS15 inner and NS20 outer thread, in upper and lower accumulator section.
Solar coil couplings	2	Ø 18 mm	NS15 inner and NS20 outer thread, in lower accumulator section.
Drain connection	1	1"	
Air bleeder connection	1	1"	

Domestic water coil of LK MAX finned copper runs through the accumulator (from bottom to top). Material Ø 22 mm highly finned copper. AKVA NERO Solar model solar coil: 6 m for 300 and 500 litres, 12 m for 750 litres or larger. Accessories include insulation in detachable sections and electric immersion heaters. Further details available from our sales staff.

Designation	Width [mm]	Height [mm]	Weight [kg]	Capacity [L]	P [bar]	Insulation [mm]	Standing loss [W]	Energy class	LVI-no
AKVA NERO SOLAR 300 *	710	2050	140	282,5	3	100	66,0	B	5235182
AKVA NERO SOLAR 500 *	800	2050	170	448,5	3	100	74,0	B	5235183
AKVA NERO SOLAR 750 *	950	2050	220	746,1	3	100	94,0	B	5235184
AKVA NERO SOLAR 1000 *	1050	2100	250	955,3	3	100	106,0	B	5235185
AKVA NERO SOLAR 1500 *	1250	2150	310	1483,3	3	100	128,0	C	5235186
AKVA NERO SOLAR 2000 *	1400	2200	360	1969,3	3	100	145,0	C	5235187
AKVA NERO SOLAR 2500	1500	2250	390	2500	3	100	-	-	5235188
AKVA NERO SOLAR 3000	1600	2300	430	3000	3	100	-	-	5235189
AKVA NERO SOLAR 4000	1800	2450	510	4000	3	100	-	-	5235190
AKVA NERO SOLAR 5000	2000	2500	640	5000	3	100	-	-	5235191

*) Indicated models have been manufactured under Ecodesign Regulation 814/2013/EU, and the associated products bear a CE-marking