

AKVA NERO SOLAR ACCUMULATORS

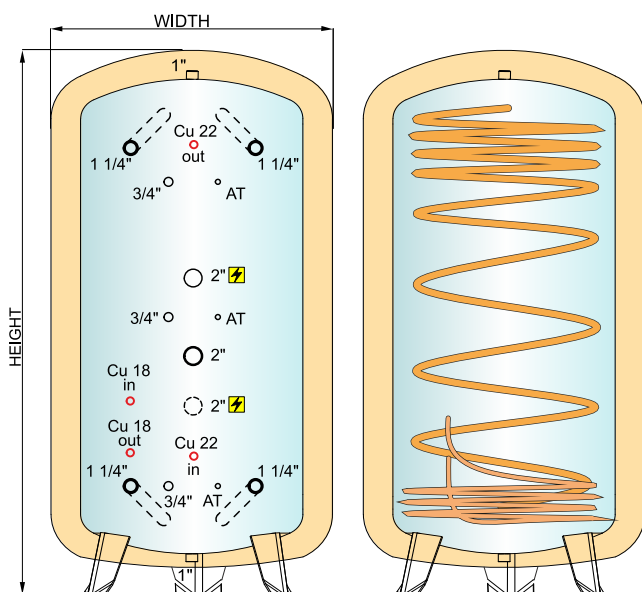
The Akvaterm NERO accumulator range was developed in response to increasingly strict environmental energy efficiency standards.

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 (see page 19).



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
AKVA NERO SOLAR 300 *	810	2100	140	282,5	3	150	80,0	C
AKVA NERO SOLAR 500 *	900	2100	170	448,5	3	150	90,0	C
AKVA NERO SOLAR 750 *	1050	2100	220	746,1	3	150	102,0	C
AKVA NERO SOLAR 1000 *	1150	2150	250	955,3	3	150	108,0	C
AKVA NERO SOLAR 1500 *	1350	2200	310	1483,3	3	150	161,0	C
AKVA NERO SOLAR 2000 *	1500	2250	360	1969,3	3	150	177,0	C
AKVA NERO SOLAR 2500	1500	2250	390	2500	1.5	100	-	-
AKVA NERO SOLAR 3000	1600	2300	430	3000	1.5	100	-	-
AKVA NERO SOLAR 4000	1800	2450	510	4000	1.5	100	-	-
AKVA NERO SOLAR 5000	2000	2500	640	5000	1.5	100	-	-
AKVA NERO SOLAR 6000	2150	2500	790	6000	1.5	100	-	-
AKVA NERO SOLAR 7500	2150	3000	950	7500	1.5	100	-	-
AKVA NERO SOLAR 10000	2150	3800	1150	10000	1.5	100	-	-

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