



AKVA GEO SOLAR ACCUMULATORS

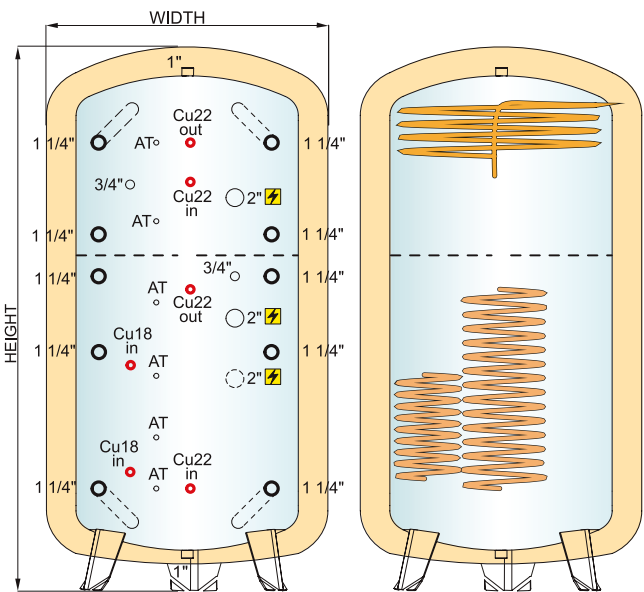
AKVA GEO SOLAR hybrid accumulators are designed to satisfy increasingly strict environmental energy efficiency standards. AKVA GEO SOLAR is particularly suitable for heating systems with a heat pump. The AKVA GEO SOLAR accumulator is standardly fitted with two powerful domestic water coils that may be connected to heating and preheating of domestic water. The lower section of the accumulator also includes a solar coil.

AKVA GEO is widely adaptable and suited to all heat sources.

TECHNICAL SPECIFICATIONS

Various boiler solutions, heat pump solutions, solar, electrical. For use with nearly any kind of heat source or combination.

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	10	1 1/4"	
Thermometer/Thermostat	2	3/4"	
Sensor mount	6	Ø 10 mm	
Electric immersion heater coupling	2 or 3	2"	2 heaters for up to 2,000 litres 3 heaters for 2,500 litres or larger
Domestic water coil couplings	4	Ø 22 mm	In upper and lower accumulator section.
Solar coil couplings	2	Ø 18 mm	In lower accumulator section.
Drain connection	1	1"	
Air bleeder connection	1	1"	

The AKVA GEO SOLAR model has three coils. There is an LK35 domestic water preheating coil in the lower section and an LK45 domestic water coil in the upper section. The lower accumulator section has a solar coil of 6m for 300 and 500 litres, or 12 m for 750 litres and larger models.

Designation	Width [mm]	Height [mm]	Weight [kg]	Capacity [L]	P [bar]	Insulation [mm]	Standing loss [W]	Energy class	LVI-no
AKVA GEO SOLAR 300 *	710	2050	160	279,5	3	100	66,0	B	5235234
AKVA GEO SOLAR 500 *	800	2050	190	445,5	3	100	77,0	B	5235235
AKVA GEO SOLAR 750 *	950	2050	220	743,7	3	100	91,0	B	5235236
AKVA GEO SOLAR 1000 *	1050	2100	250	952,3	3	100	98,0	B	5235237
AKVA GEO SOLAR 1500 *	1250	2150	310	1480,3	3	100	127,0	C	5235238
AKVA GEO SOLAR 2000 *	1400	2200	360	1966,3	3	100	141,0	C	5235239
AKVA GEO SOLAR 2500	1500	2250	390	2500	3	100	-	-	5235240
AKVA GEO SOLAR 3000	1600	2300	430	3000	3	100	-	-	5235241
AKVA GEO SOLAR 4000	1800	2450	510	4000	3	100	-	-	5235242
AKVA GEO SOLAR 5000	2000	2500	640	5000	3	100	-	-	5235243

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