

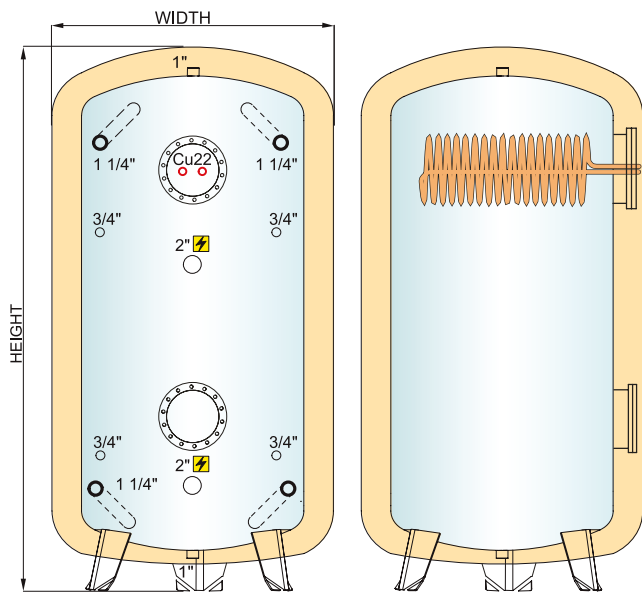
AKVA EK

The customisable AKVA EK accumulator tank is available in capacities of between 300 and 10,000 litres. The pressure class is 3 bar, but the appliance is also available in 4 and 6 bar models. The insulation is 100 mm thick seamless polyurethane and a covering plate. The insulation is also available with detachable side sections.

An LK 35 coil for heating domestic water is standardly supplied in the upper hatch. A domestic water preheating coil, solar coil or other charging coil may be fitted in the lower section. The accumulator has 2" connections for electric immersion heaters and guide pipes to ensure correct heat stratification. The connections are provided near the insulation surface to facilitate installation. The accumulator may be shortened, raised, shaped, and fitted with levelling plates, electric immersion heaters, sleeve connections, flange connections and various hatches and coils. Further details are available from our sales staff.

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.



A typical solution for an AKVA EK accumulator tank:

Couplings	Pieces	Size	Further details
Network / Boiler coupling	4	1 1/4"	Typically 2" in models over 2000 litres
Thermometer/Thermostat	4	3/4"	
Electric immersion heater coupling	2	2"	
Domestic water coil couplings	2	Ø 22 mm	In upper accumulator section. Lower hatch often fitted with second coil either for preheating domestic water or input of solar energy.
Drain connection	1	1"	
Air bleeder connection	1	1"	

An LK35 coil is typically fitted in the upper hatch of the AKVA EK. Options include a wide selection of coils in various sizes that may be used for heating domestic water or feeding thermal energy into the accumulator.

Adaptable components: electric immersion heaters, coils, double coils, baffle plates, special connections, etc. 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 EK 300	710	2050	140	284,0	3	100	66,0	B	5235100
AKVA EK 500	800	2050	170	450,0	3	100	74,0	B	5235054
AKVA EK 750	950	2050	210	749,2	3	100	94,0	B	5235056
AKVA EK 1000	1050	2100	240	958,4	3	100	106,0	B	5235058
AKVA EK 1500	1250	2150	300	1486,4	3	100	128,0	C	5235060
AKVA EK 2000	1400	2200	350	1972,4	3	100	145,0	C	5235062
AKVA EK 2500	1500	2250	380	2500	3	100	-	-	5235101
AKVA EK 3000	1600	2300	420	3000	3	100	-	-	5235064
AKVA EK 4000	1800	2450	500	4000	3	100	-	-	5235102
AKVA EK 5000	2000	2500	630	5000	3	100	-	-	5235103
AKVA EK 6000	2150	2500	780	6000	3	100	-	-	-
AKVA EK 7500	2150	3000	940	7500	3	100	-	-	-