



AKVAir Smart
Heat and style for indoor spaces

AKVAir Smart



NOTICE

You can also change the front panel to any decorative panels used in your house, the needed fixing hooks come with the delivery.

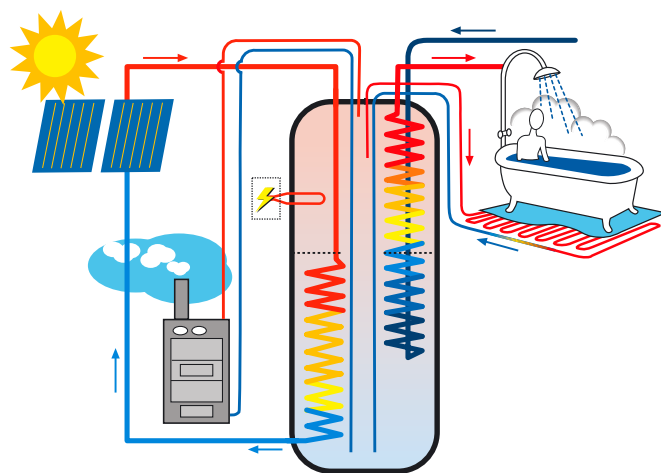


Heat and style for indoor spaces

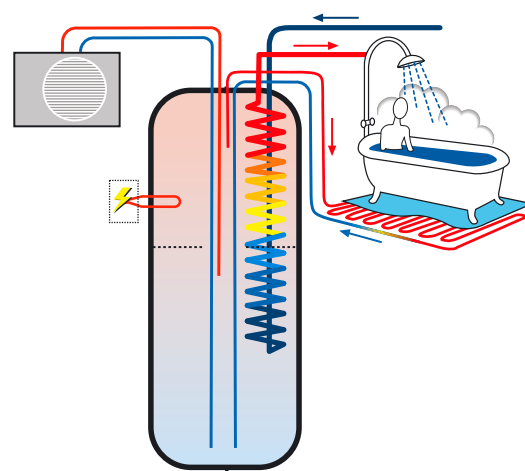
AKVAir Smart is an effective indoor accumulator tank that can be installed in low-rise properties. It does not require a separate technical space and can be located, for example, in a home utility room. Its dimensioning conforms to European standards.

AKVAir Smart is stylishly classic, functioning unnoticed and quietly as the heart of an efficient hot water system.

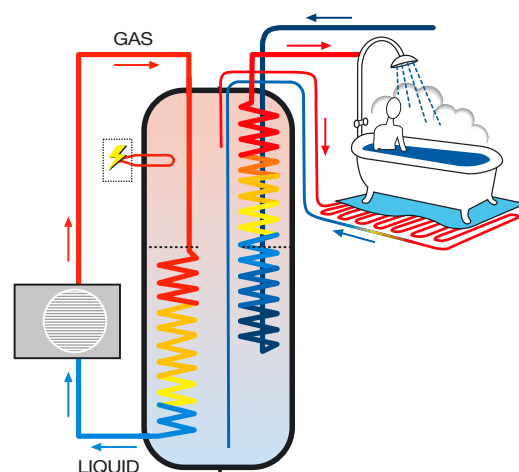
AKVAir Smart is well suited for use with many different kinds of heating systems. Particularly when combined with a heat pump or solar energy and conventional heat sources, AKVAir Smart achieves an extremely high utilisation efficiency. In colder weather the sun can also bring energy to the accumulator. This energy can be utilised as preheating for conventional heat sources. Meanwhile this saves fuel and enables sufficient heat to be provided evenly during all seasons.



Energy for the tank is brought from the sun, a boiler if required, or other heat source.



Connection of air/water heat pump.



Energy transfer to the accumulator tank through the hot gas coil.



AKVAir Smart 500
• 500 l
• 750 x 750 mm + 90 mm



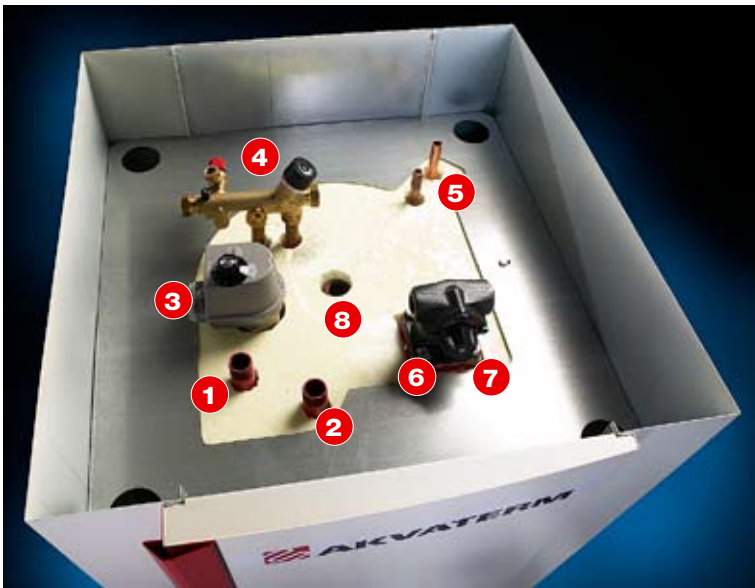
AKVAir Smart 240
• 240 l
• 600 x 600 mm + 90 mm

AKVAir Smart

Model:	Akvair Smart 240	Akvair Smart 500
Measures:	600 x 600 mm + 90 mm	750 x 750 mm + 90 mm
Height (adjustable):	1 995-2 035 mm	1 995-2 035 mm
Insulation:	Seamless polyurethane 70 mm	
Volume:	240 l	500 l
Maximum pressure:	3 bar	3 bar
Standard couplings:	2x 1" Charging connections, Male BSP thread 2x 1" Bleed and drain couplings, Female BSP thread 1x 2" Female BSP thread	
DHW coil:	Finned CU 22 mm, length 15 m	
Solar coil: or Condensing coil:	Finned CU 18 mm, length 6 m Finned CU 22 mm, length 12 m	

Available equipment:

- DHW mixing valve
- Four way valve
- Immersion heater 4,5 kW
- Drainvalve
- Laddomat 21-60
- Laddomat 11-30
- Motorized Valve: Laddomat ThermOmatic K
- Hooks for decorative panel
- Edge strip of the door with following colors:
 - Red (standard)
 - White
 - Graphite gray



Connections:

1. From boiler
2. To boiler
3. Immersion heater (only top mount)
4. DHW mixing valve
5. Solar coil
6. From central heating
7. To central heating
8. Bleed

At bottom:

9. Drain / to Boiler

Warm Home



Akvaterm is the leading European manufacturer of accumulator and cold water tanks. The accumulator tanks, cold water and special tanks developed by the company are the quality leaders in Northern Europe as well as internationally. Solutions for large- and small-scale projects, as well as new construction and renovations, can be found from Akvaterm's extensive range of models. Akvaterm accumulator tanks are compatible with all established heating systems and they can generate heat for the heating system as well as hot domestic water simultaneously.



W A R M H O M E

AKVATERM OY • Jänismaantie 12, 67800 Kokkola, Finland
Tel. +358 6 824 4200 • Fax +358 6 824 4224
info@akvaterm.fi • www.akvaterm.fi