

AKVA STANDARD ACCUMULATOR TANK

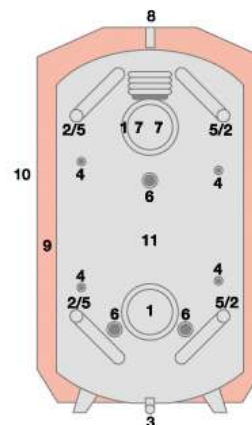


Capacity 300-5000 litres. The insulation is 100-mm seamless polyurethane faced with steel sheet. Detachable side panels are also an option. An uninsulated accumulator tank coated with corrosion protection paint can also be delivered. The upper hatch has a standard hot water coil. A domestic hot water pre-heating coil, a solar heating coil, heat collector exchanger and other units can be placed in the lower hatch. Below are 2" units for the electrical resistors used during the night. The resistors used during the day are in the centre, and built-in guide pipes ensure the proper layering of heat.

EK = insulated, one coil
E = insulated
Diameters 200 mm smaller
without insulation

MODEL	DIAMETER mm	HEIGHT mm	WEIGHT Kg	RESISTOR UNITS
AKVA 300 EK	710	2050	130	2
AKVA 500 EK	800	2050	155	2
AKVA 750 EK	950	2050	200	2
AKVA 1000 EK	1050	2100	230	2
AKVA 1500 EK	1250	2150	280	3
AKVA 2000 EK	1400	2200	330	4
AKVA 2500 EK	1500	2250	360	4
AKVA 3000 EK	1600	2300	400	4
AKVA 4000 EK	1800	2350	480	6
AKVA 5000 EK	2000	2500	600	6

- | | | |
|-----|--|-----------------------------|
| 1. | Hatch (2 pcs) | Ø 200 mm |
| 2. | Heating Circuit Unit + Guide Pipe | 1 1/4 " |
| 3. | Drain coupling | 1 " |
| 4. | Thermometer/Thermostat Unit (4 pcs) | 3/4 " |
| 5. | Tank Unit + Guide Pipe | 1 1/4 " |
| 6. | Electrical Resistor Unit (2-4 pcs) | 2 " |
| 7. | Domestic hot water coil, finned copper Ø 22 mm
Capacity, standard 35 l/min, +5°C/+55°C/+75°C
Structural pressure | 3/4 ", M
90 kW
10 bar |
| 8. | Pressure Relief / Air Bleeder | 1 " |
| 9. | Polyurethane Insulation | 100 mm |
| 10. | Coating, coated galvanized tin sheet | 0,5 mm |
| 11. | Tank: maximum structural pressure
maximum temperature | 1,5 bar
+110°C |



AKVASAN ACCUMULATOR TANK



AKVASAN 0,7 EK

AKVASAN 0,7 E

Developed for constrained spaces and narrow openings, this model's diameter is only 810 mm. The AKVASAN 0.5 series is particularly compact; whilst retaining the efficiency of the cylinder. The insulation is the same as in the standard accumulator tanks, but its thickness is 50 mm due to the smaller surface area. The EK models are equipped with a domestic hot water coil, as well as daytime and nighttime resistor units.

MODEL	DIAMETER mm	HEIGHT mm	WEIGHT Kg	RESISTOR UNITS
AKVASAN 0,5 EK	810	1550	130	2
AKVASAN 0,5 E	810	1550	120	1
AKVASAN 0,7 EK	810	2050	160	2
AKVASAN 0,7 E	810	2050	150	1

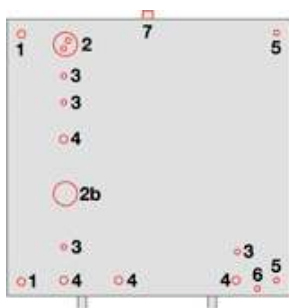
EK = insulated, one coil *E = insulated*

AKVANTTI OVAL ACCUMULATOR TANK



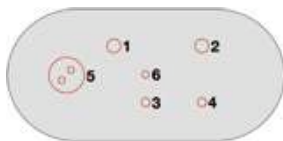
For new construction and renovations. Capacities of 1400L, 2000L and 2400L. The most efficient hot water coil on the market (45l/min), also available without domestic hot water coil.

MODEL	DIAMETER mm	HEIGHT mm	WEIGHT Kg	RESISTOR UNITS
AKVANTTI 1400 EK	1660/1630	810	420	3
AKVANTTI 1400 E	1660/1630	810	410	3
AKVANTTI 2000 EK	1840/2060	810	500	4
AKVANTTI 2000 E	1840/2060	810	490	4
AKVANTTI 2400 EK	2160/2060	810	560	4
AKVANTTI 2400 E	2160/2060	810	550	4



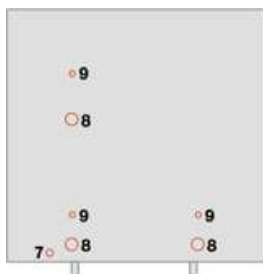
AKVANTTI 2000 EK, 2400 EK, PIPE CONNECTIONS FROM SIDE:

- | | | |
|-----|-------------------------------|-------------------------|
| 1. | Tank unit | NS 50 |
| 2. | Domestic hot water coil | 45 l/min
NS 20, 2pcs |
| 2b. | Connection for second coil | |
| 3. | Thermometer / Thermostat Unit | NS 20 |
| 4. | Electrical Resistor Unit | NS 50, 4pcs |
| 5. | Heating Circuit Unit | NS 32 |
| 6. | Drain coupling | NS 25 |
| 7. | Air Bleeder | NS 25 |



AKVANTTI 1400 EK, CONNECTIONS FROM TOP:

- | | | |
|----|-----------------------------|-------------------------|
| 1. | Entry from boiler | NS 50 |
| 2. | Return to boiler | NS 50 |
| 3. | Exit to heating circuit | NS 32 |
| 4. | Return from heating circuit | NS 32 |
| 5. | Domestic hot water coil | 45 l/min
NS 20, 2pcs |
| 6. | Air Bleeder | NS 25 |



AKVANTTI 1400 EK, PIPE CONNECTIONS FROM SIDE:

- | | | |
|----|-------------------------------|-------------|
| 7. | Drain coupling | NS 25 |
| 8. | Electrical Resistor Unit | NS 50, 3pcs |
| 9. | Thermostat Unit / Thermometer | NS 20 |

HOT WATER COILS

AKVA standard hot water coils are manufactured from \varnothing 22 mm finned copper tubes. Flows of 20-200 l/min (capacity 50–500 kW) according to the customer's dimensions. Structural pressure 10 bar.



MODEL	CAPACITY	DIAMETER	LENGTH	UNIT R' male	FLOW	PRICE €
LK 35	90 kW	160 mm	750 mm	3/4	35 l/min	411.60
LK 45	120 kW	160 mm	950 mm	3/4	45 l/min	576.24
LK 60	150 kW	160 mm	1250 mm	1	60 l/min	882.00
LK 80	205 kW	250 mm	900 mm	1 ¼	80 l/min	1,411.20
LK 100	255 kW	300 mm	1000 mm	1 ½	100 l/min	1,881.60
LK 120	310 kW	300 mm	1100 mm	2	120 l/min	2,328.48

AKVA STANDARD/AKVASAN/AKVANTTI PRICES

Model	Standard €	2 x LK35 Coils €	Without Coils €
AKVA 500 EK	2,022.72	2,375.52	1,834.56
AKVA 750 EK	2,210.88	2,563.68	2,022.72
AKVA 1000 EK	2,657.76	3,010.56	2,469.60
AKVA 1500 EK	3,081.12	3,433.92	2,892.96
AKVA 2000 EK	3,386.88	3,739.68	3,198.72
AKVA 2500 EK	3,598.56	3,951.36	3,410.40
AKVA 3000 EK	3,904.32	4,257.12	3,716.16
AKVA 4000 EK	5,315.52	5,668.32	5,127.36
AKVA 5000 EK	7,408.80	7,761.60	7,220.64
AKVASAN 0.5 EK	1,952.16	2,540.16	1,716.96
AKVASAN 0.7 EK	2,022.72	2,610.72	1,787.52
AKVANTTI 1400 EK	4,092.48	4,586.40	3,598.56
AKVANTTI 2000 EK	4,845.12	5,339.04	4,351.20
AKVANTTI 2400 EK	6,068.16	6,562.08	5,574.24

E = INSULATION K = LK with water heating coil STANDARD = with one LK coil

***AKVATERM Tanks can be designed and built to meet specific requirements,
Please contact us directly for information and prices - info@cmenergy.com Tel: 059 8626244**

3 Bar Price Addition		Euro
up to 1000L		168
1500L		378
2000L		546
2500L		630
3000L		798

AKVAir SMART



AKVAir Smart is an effective indoor accumulator tank that can be installed in properties with limited space. It can be located, for example, in a home utility room. The dimensions conform to European standards. AKVAir Smart is stylishly classic, functioning quietly as the heart of an efficient hot water system. AKVAir Smart is well suited for use with many different kinds of heating systems and achieves an extremely high utilisation efficiency.

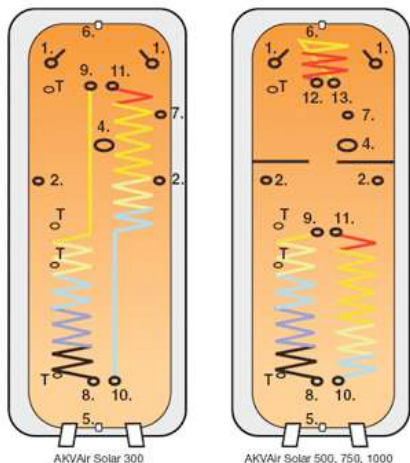
MODEL	SPECIFICATIONS	WIDTH mm	HEIGHT mm	DEPTH mm	PRICE €
AKVAir Smart 240L	15m dhw coil / Built in 4 way valve	60	2000	60	2,340.24
AKVAir Smart 240L	15m dhw coil / 6m solar coil Built in 4 way valve	60	2000	60	2,587.20
AKVAir Smart 500L	Please contact C-Mc Energy for details				

AKVAir SOLAR



AKVAir Solar 750L

AKVAir Solar models are designed to get the most heat out of your solar heating system. Combining solar with the AKVAir Solar models to any new or existing heating system will help reduce the amount of fuel you use whilst maximizing the use of the solar energy provided. AKVATERM is a European leader in high quality accumulator tanks, providing overwhelming efficiency, continuous warmth and comfortable living conditions.



- | | | |
|-------------------------|--------|----------------------------------|
| SIZE | | |
| 1. | 1 1/4" | From boiler / to central heating |
| 2. | 1 1/4" | From central heating / to boiler |
| 4. | 2 " | Immersion heater |
| 5. | 1 " | Drain coupling or to boiler |
| 6. | 1 " | Bleed |
| 7. | 3/4" | Thermostat or thermometer unit |
| T. | | Thermostat pocket |
| COIL CONNECTIONS | | |
| 8. | Ø18 | Output solar |
| 9. | Ø18 | Input solar |
| 10. | Ø22 | Input (mains), (DHW preheat) |
| 11. | Ø22 | Output, DHW preheat |
| 12. | Ø22 | Input, DHW |
| 13. | Ø22 | Output, DHW |

MODEL	DIAMETER mm	HEIGHT mm	PRICE €
AKVAir Solar 300L	650	2050	1,607.85
AKVAir Solar 300L, 3KW CU1	650	2050	1,883.05
AKVAir Solar 500L	800	2050	2,905.66
AKVAir Solar 750L	950	2100	3,258.58
AKVAir Solar 1000L	1050	2100	3,493.86
AKVAir Solar 1500L	1250	2150	4,129.10

LADDOMATS



Laddomat 21 (up to 80 Kw)

Charging pump unit – the basis of effective storage. A package suiting wood-fuelled boilers that results in heating that makes heating effective while saving the boiler. The Laddomat charges the accumulator tank to its full temperature and maintains the water's layering.



Laddomat 10 (up to 40 Kw)

The thermal three-way mixing valve preheats the water entering the boiler when the maximum capacity is 40 kW. The ultimate charging temperature can be selected by choosing a thermostat with an opening temperature of 52, 57, 63, 72 or 78°C.



Laddomat 4030

Automatically adjusts the accumulator tank's charging and discharging in connection with twin boilers. Raises the system's utilisation ratio and minimises boiler losses. Prevents the formation of tar and corrosion to extend the boiler's service life

MODEL	CODE	PRICE €
Laddomat 21	040-AKVA-002	482.31
Laddomat 10	040-AKVA-003	423.50
AKVA flue thermostat	090-1000	70.59