

**+** ACCUMULATOR TANK

SINCE 1921  
**windhager**  
HEAT WITH VISION

500 to 5000 litres

# ACCU WIN KLASSIK & FRESH

FOR DOMESTIC AND  
COMMERCIAL APPLICATIONS



W I N



D H A

G E R

# + HEATING SINCE 1921

For almost 100 years, Windhager have been renowned for innovative technical solutions, making heating convenient, safe and cost-effective. Strong demand for our products has allowed us to grow constantly and develop numerous innovations in the heating market. We are now one of Europe's leading manufacturers of boilers for renewable energies and have suitable heating systems for every fuel and solar energy.

#### **Award-winning "made in Austria" quality**

The secret to our success? First-class products which satisfy the most demanding requirements and deliver durability and reliability. We produce our boilers to a strict criteria and use only high-quality materials. Our products are only manufactured in Austria, at our company headquarters in Seekirchen, near Salzburg. Independent test institutes regularly recognise our premium quality.

We always focus on the needs of our customers. We don't deliver run-of-the-mill solutions, but instead a heating system tailored to your needs.

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# THE HEAT ACCUMULATOR

The AccuWIN Klassik accumulator tank or AccuWIN Fresh accumulator tank efficiently and safely stores heat. The energy from your heating system is stored in your AccuWIN and can be used as and when required. This makes heating very convenient, especially with solid fuel boilers. You can pick your AccuWIN from the 26 different sizes and types available, capacities vary between 500 and 5000 litres. The AccuWIN accumulator tank range is rounded off by our fresh water accumulator AccuWIN Fresh, which is not only an efficient way to store heat but also to heat your domestic hot water. The AccuWIN heat accumulators can be flexibly combined with all Windhager boilers, solar systems, hot water tanks and fresh water modules.

The right accumulator solution for every situation

Rapid heating utilising large smooth-tube indirect coils

Optimum storage and retention of heat with 100 mm ECO SKIN fleece insulation



AccuWIN KLASIK

500 to 5,000 litres

# + VERSATILE. ACCUWIN KLASSIK

The AccuWIN Klassik – ACK – containers are highly versatile. You can select the ideal model for your heating system from the 19 different heat accumulators available with capacities of between 500 and 5000 litres. These are available with one, two or zero heating coils. It couldn't be easier to combine several accumulators together, which is ideal if you would like to expand your accumulator volume further down the line.

And if you find you need more volume to store the heat from your heating system, then we can also produce special accumulators with capacities of up to 30,000 litres to meet your needs.

#### **Greater efficiency for heat storage**

Thanks to its energy-saving 100 mm ECO SKIN fleece insulation, the AccuWIN has up to 38% less accumulator losses than comparable products with soft foam insulation.

What's more, the optional 140 mm fleece insulation – which corresponds to energy efficiency label B – allows you to store heat even more efficiently.

Energy efficiency label B with optional 140 mm  
fleece insulation available

Available with one, two or without to integrate various heating sources

Hooked strip to simply and quickly fit the insulation

Capacity of 500 to 5000 litres (Special sizes available)

 C<sup>1)</sup>

 B<sup>2)</sup>

AccuWIN Klassik

1) with standard 100 mm fleece insulation  
2) with optional 140 mm fleece insulation

Available with one or two heating coils to integrate your thermal solar system

Capacity of 500 to 1,500 litres

Domestic hot water supplied from stainless steel coil



AccuWIN Fresh





# + PRACTICAL. ACCUWIN FRESH

The AccuWIN Fresh stores heat while also producing domestic hot water. If space is tight, there is no need for an extra hot water tank. The AccuWIN Fresh comes in seven sizes ranging from 500 to 1500 litres and is available with one or two heating coils.

#### **Preparation of domestic hot water**

Cold water flows through the large, internal stainless steel tube and is quickly heated by the heat stored inside the accumulator. Using this flash heating principle is a very hygienic way to heat your hot water.

No extra hot water tank needed

Instant heating of your domestic hot water

# + TECHNICAL DATA

<b>AccuWIN Fresh 1 heating coil</b>	Content	Stainless steel tube	Coil heater surface top/ bottom	Coil heater content top/bottom	Ø not including insulation*	Height not including insulation	Height including insulation	Tilted height not including insulation	Weight not including insulation	Flow and return con- nections
Unit	approx. l	m <sup>2</sup> / l	m <sup>2</sup>	l	mm	mm	mm	mm	kg	
ACF 501R	500	5,0/25	1,8/-	12/-	650	1640	1725	1670	117	1 ½ F
ACF 801R	800	6,5/33	2,5/-	17/-	790	1700	1785	1750	159	1 ½ F
ACF 1001R	1000	7,5/39	3,1/-	21/-	790	2050	2135	2090	186	1 ½ F
ACF 1501R	1500	7,5/39	3,5/-	24/-	1000	2150	2235	2270	280	1 ½ F

<b>AccuWIN Fresh 2 heating coils</b>	Content	Stainless steel tube	Coil heater surface top/ bottom	Coil heater content top/bottom	Ø not including insulation*	Height not including insulation	Height including insulation	Tilted height not including insulation	Weight not including insulation	Flow and return con- nections
Unit	approx. l	m <sup>2</sup> / l	m <sup>2</sup>	l	mm	mm	mm	mm	kg	
ACF 802R	800	6,5/33	2,5/1,6	17/11	790	1700	1785	1750	175	1 ½ F
ACF 1002R	1000	7,5/39	3,1/2,4	21/15	790	2050	2135	2090	216	1 ½ F
ACF 1502R	1500	7,5/39	3,5/2,4	24/15	1000	2150	2235	2270	310	1 ½ F

\* Diameter with the included standard insulation jacket ECO SKIN 100mm increases by 200mm



ACF 501R – 1501R



ACF 802R – 1502R

AccuWIN Klassik 0 heating coils	Content	Coil heater surface top/ bottom	Coil heater content top/bottom	∅ not includ- ing insula- tion*	Height not including insulation	Height including insulation	Tilted height not including insulation	Weight not including insulation	Flow and return con- nections
Unit	ca. l	m <sup>2</sup>	l	mm	mm	mm	mm	kg	
ACK 500	500	-/-	-/-	650	1640	1725	1670	75	1 ½ F
ACK 800	800	-/-	-/-	790	1700	1785	1750	91	1 ½ F
ACK 1000	1000	-/-	-/-	790	2050	2135	2090	101	1 ½ F
ACK 1500	1500	-/-	-/-	1000	2150	2235	2270	190	1 ½ F
ACK 2000	2000	-/-	-/-	1100	2380	2465	2460	238	1 ½ F
ACK 3000	3000	-/-	-/-	1250	2596	2681	2650	365	2" F
ACK 4000	4000	-/-	-/-	1400	2669	2754	2740	490	2" F
ACK 5000	5000	-/-	-/-	1600	2770	2855	2893	580	2" F

AccuWIN Klassik 1 heating coil	Content	Coil heater surface top/ bottom	Coil heater content top/bottom	∅ not includ- ing insula- tion*	Height not including insulation	Height including insulation	Tilted height not including insulation	Weight not including insulation	Flow and return con- nections
Unit	ca. l	m <sup>2</sup>	l	mm	mm	mm	mm	kg	
ACK 501R	500	1,8/-	11/-	650	1640	1725	1670	98	1 ½ F
ACK 801R	800	2,4/-	15/-	790	1700	1785	1750	122	1 ½ F
ACK 1001R	1000	3,0/-	19/-	790	2050	2135	2090	143	1 ½ F
ACK 1501R	1500	3,6/-	22/-	1000	2150	2235	2270	244	1 ½ F
ACK 2001R	2000	4,2/-	26/-	1100	2380	2465	2460	298	1 ½ F
ACK 3001R	3000	4,5/-	29/-	1250	2596	2681	2650	446	2" F
ACK 5001R	5000	6,0/-	39/-	1600	2770	2855	2893	660	2" F

AccuWIN Klassik 2 heating coils	Content	Coil heater surface top/ bottom	Coil heater content top/bottom	∅ not includ- ing insula- tion*	Height not including insulation	Height including insulation	Tilted height not including insulation	Weight not including insulation	Flow and return con- nections
Unit	ca. l	m <sup>2</sup>	l	mm	mm	mm	mm	kg	
ACK 802R	800	2,4/1,8	15/11	790	1700	1785	1750	146	1 ½ F
ACK 1002R	1000	3,0/2,4	19/15	790	2050	2135	2090	176	1 ½ F
ACK 1502R	1500	3,6/2,4	22/15	1000	2150	2235	2270	278	1 ½ F
ACK 2002R	2000	4,2/2,8	26/26	1100	2380	2465	2460	341	1 ½ F

\* Diameter with the included standard insulation jacket ECO SKIN 100mm increases by 200mm  
Diameter with the optional insulation jacket ECO SKIN 140mm (800, 1000, or 1500 litre ACK tanks) increases by 280mm



ACK 500 – 5000



ACK 501R – 5001R



ACK 802R – 2002R

# + THE WINDHAGER PRINCIPLE

## Accurate advice from our expert PARTNERS

Our expert PARTNERS are on hand to answer any questions you may have about our products. These experienced heating specialists work closely with us to ensure you receive the best possible service.

## Quick and professional customer service

The heating professionals working in our extensive customer service network provide rapid, expert and solutions-based support day in, day out.

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Your expert PARTNER

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