

HIGHLIGHT-BROCHURE

THE PUREST HEATING

WITH HEAT PUMPS



AIR-TO-AIR COMPACT – HEAT PUMP



AeroWIN DELUXE NXT



High efficiency

SCOP
5.7

Adjustable heat
output variable

10 kW . 15 kW . 19 kW . 26 kW



Ideal for renovation projects:
high flow temperatures of up to
72 °C ensure efficient operation
in both refurbishment and new-
build projects



Active cooling
Integrated as standard



One of the **quietest** air-
to-water compact heat
pumps in the world



Durable and weather-
resistant thanks to **high-
quality materials** such as
aluminium and safety glass



**Natural
refrigerant R290**

THE GREEN POWERHOUSE!

The AeroWIN DELUXE NXT compact air-source heat pump combines **outstanding performance** with **first-class design**. As one of the world's quietest compact air-to-water heat pumps, it offers maximum comfort with minimal noise. With a **SCOP of over 5.7**, this heat pump is one of the most efficient on the market.

Its **award-winning design** makes the AeroWIN DELUXE NXT heat pump a **truly premium solution** – stylish and technically superior. Thanks to its special evaporator design, the R290 air source heat pump operates reliably even in frost, fog or rain, and requires up to 50 % less energy for the defrosting process than comparable units. **The perfect choice for sophisticated heating solutions!**



Powerbox
mandatory
except for ETG



Hydrobox
optional



ETG-storage tank
recommended

AeroWIN DELUXE NXT			AE10DXS	AE15DXS	AE19DXS	AE26DXS
Heating capacity range EN14825		kW	2.6 - 7.0	3.5 - 10.8	5.3 - 15.9	6.3 - 18.5
A12/W24	Heating capacity	kW	3.2	5.0	7.5	8.5
	Coefficient of performance	COP	9.5	9.5	9.5	9.5
A7/W27	Heating capacity	kW	2.6	3.6	5.3	6.3
	Coefficient of performance	COP	7.4	7.3	7.4	7.3
A2/W30	Heating capacity	kW	3.8	5.4	8.1	9.7
	Coefficient of performance	COP	5.6	5.4	5.6	5.4
A-7/W34	Heating capacity	kW	6.1	8.8	13.2	15.8
	Coefficient of performance	COP	3.5	3.5	3.5	3.5
A-10/W35	Heating capacity	kW	6.9	10.1	14.9	17.8
	Coefficient of performance	COP	3.1	3.1	3.1	3.1
SCOP* EN14825 Medium climate zone			5.7	5.6	5.7	5.6
Energy efficiency class			A+++	A+++	A+++	A+++
Sound power level according to EN12102		dB(A)	44	44	47	49
GWP value			3	3	3	3
Max. flow temperature		°C	72	72	72	72
Electrical power of backup heater		kW	6	6	6	6
Dimensions (H x W x D)		mm	1,704 x 896 x 585	1,704 x 896 x 585	1,702 x 935 x 1,002	1,702 x 935 x 1,002
Total operating weight		kg	220	230	260	270
A35/W7	Cooling capacity	kW / EER	5.6 / 5.0	8.2 / 5.1	12.3 / 5.1	14.5 / 5.0
	Coefficient of performance					
A35/W18	Cooling capacity	kW / EER	5.5 / 5.2	7.9 / 5.3	11.8 / 5.3	14.2 / 5.2
	Coefficient of performance					



AIR-TO-AIR COMPACT – HEAT PUMP

AeroWIN XP



High efficiency

SCOP

4.9

6 kW . 10 kW



THE SPACE-SAVING SOLUTION FOR EFFICIENT HEATING AND COOLING.

The AeroWIN XP is the smart choice for price-conscious, future-proof heating with optional cooling included. It uses the free energy source of the air and provides pleasant temperatures all year round, even at sub-zero temperatures – reliable, efficient and environmentally friendly. Its attractive design, easy installation and intelligent control make it perfect for properties throughout the United Kingdom and Europe.

SPACE-SAVING ALL-ROUNDER

The compact design allows for flexible installation – ideal for a wide variety of living situations, even with limited space.

EASY TO USE

A clear dashboard and simplified controls ensure effortless commissioning and intuitive operation – Simple controls designed for uncomplicated to use. and requires up to 50 % less energy for the defrosting process than comparable units. **The perfect choice for sophisticated heating solutions!**



For renovations
and new builds



Cooling option

Integrated as standard



**Natural
refrigerant R290**



Control unit

Included as standard controlling two heating circuits and domestic hot water generation

AeroWIN XP EDEL			AEXP6S	AEXP10S
A-5/W35	Heating capacity	kW	6.8	8.5
	Coefficient of performance	COP	3.4	3
A2/W35	Heating capacity	kW	8.3	10.5
	Coefficient of performance	COP	4	3.7
A7/W35	Heating capacity	kW	9.5	12
	Coefficient of performance	COP	4.7	3.9
A7/W55	Heating capacity	kW	8.5	11
	Coefficient of performance	COP	3.1	2.6
Max. flow temperature		°C	70	70
Energy efficiency class			A+++	A+++
Sound power level according to EN12102		dB(A)	54	56
Dimensions (H x W x D)		mm	850 x 1,219 x 429	950 x 1,219 x 429
Total operating weight		kg	132	144
Cooling				
A35/W18	Cooling capacity	W/W	7.8 / 3.8	10.1 / 3.4
	E.E.R			
Cooling Capacity Min/Max		kW / EER	2.4 / 7.8	5.0 / 10.2



Natürliches Kältemittel – R290
ULTRA-LOW
GLOBAL WARMING POTENTIAL

AIR-TO-AIR COMPACT – HEAT PUMP

FlexWIN DELUXE NXT



High efficiency

SCOP
5.3

Adjustable heat
output variable

5 kW . 8 kW



New builds and retrofits –
up to 72°C flow temperature



Active and passive cooling
Integrated as standard



No exhaust air system required



Can be perfectly **combined**
with a **ring trench collector**



Natural refrigerant R290,
compliant with the EU F-Gas
Regulation, eligible for funding



Highly responsive touchscreen:
Reacts instantly & is child's play

HARNESSING THE POWER OF NATURE: EFFICIENT HEATING & COOLING USING AIR, GROUND AND WATER.

The new FlexWIN DELUXE NXT multisource heat pump utilises air, ground and groundwater as energy sources – individually or in combination.

The fully integrated system combines all components in a single housing and delivers maximum efficiency with minimum energy consumption. In addition to highly efficient heating, it enables active and passive cooling of the highest standard and ensures a precisely regulated indoor climate all year round.

Whether ring trench collectors, PVT modules or brine-to-air heat exchangers: this advanced technology utilises all available energy sources and can be intelligently combined as required. The low refrigerant charge allows the FlexWIN DELUXE NXT to be installed with ease at almost any location.

Your benefit: a heat pump that adapts to your home – not the other way round.



ETG-storage tank
recommended

FlexWIN DELUXE NXT - Brine version			FL5DXS	FL8DXS
Performance data in accordance with EN 14825, climate zone Medium, flow temperature 35 °C				
Heating capacity range EN 14825		kW	0.5 - 5.0	1.5 - 8.0
B0/W24	Heating capacity	kW	1.09	1.77
	Coefficient of performance	COP	6.11	6.09
B0/W27	Heating capacity	kW	1.73	2.82
	Coefficient of performance	COP	5.5	5.53
B0/W30	Heating capacity	kW	2.67	4.35
	Coefficient of performance	COP	5.26	5.25
B0/W34	Heating capacity	kW	4.45	7.24
	Coefficient of performance	COP	4.70	4.68
B0/W35	Heating capacity	kW	4.99	8.12
	Coefficient of performance	COP	4.42	4.42
SCOP EN14825 Medium climate zone			5.27	5.25
Sound power (EN12102)		dB(A)	35.9	36.1
Dimensions (H x W x D)		mm	955 x 710 x 800	955 x 710 x 800
Total operating weight		kg	180	185
Reversible cooling option				
B10/W18	Cooling capacity / Coefficient of performance	kW / EER	4.13 / 7.04	6.42 / 7.04
			4.13 / 6.74	6.42 / 6.74
B10/W7	Cooling capacity / Coefficient of performance		4.13 / 6.74	6.42 / 6.74

GROUND SOURCE HEAT PUMP

TerraWIN DELUXE NXT



High efficiency

SCOP

6.3

Natural Technology
DX

10 kW . 15 kW



Renovation
New build



Flow temperatures
up to **72 °C** possible



The world's most efficient
heat pump technology



Outdoor installation



Natural refrigerant
R290

ULTIMATE COMFORT AND
MINIMAL ECOLOGICAL FOOTPRINT:
THE WORLD'S MOST
NATURAL HEAT PUMP.

GROUND LOOP

For deep boreholes or ring trench and ground-source collectors. Deep boreholes are particularly suitable for small plots and confined spaces, as the space required for the boreholes is minimal. Double-walled probes, through which the brine mixture circulates, efficiently extract the stored energy from the ground. The heat provided by the heat pump integrates seamlessly into your heating system and ensures a comfortable indoor climate.



Powerbox
mandatory



Hydrobox
optional

TerraWIN DELUXE NXT		TE10DXS	TE15DXS
Performance data according to EN 14825, climate zone Medium, flow temperature 35°C			
Heating output range	kW	3.0 - 10.0	5.0 - 15.0
Heating capacity at B0/W35	kW	6.6	10.4
Coefficient of Performance (COP) at B0/W35	kW	5.4	5.7
Heating capacity at B0/W55	kW	6.5	10.2
Coefficient of performance (COP) at B0/W55	kW	3.0	3.2
SCOP (EN14825) Climate zone: Medium		6.1	6.3
Max. flow temperature	°C	72	72
Sound power (EN12102)	dB(A)	51	51
Dimensions (H x W x D)	mm	1,057 x 1,018 x 649	1,057 x 1,018 x 649
Weight	kg	125	135



Natürliches Kältemittel – R290
ULTRA-LOW
GLOBAL WARMING POTENTIAL



- **Highly efficient** thanks to **innovative modulation technology**
- Heat pump for outdoor installation
- **Durable** and **weather-resistant** thanks to **high-quality materials** such as aluminium and safety glass
- Elegant design
- **RCG-X series includes**

High efficiency

5.8

Adjustable heat output variable



Natural refrigerant R290



Powerbox
mandatory

45 kW . 55 kW . 70 kW

AIR-COMPACT LARGE HEAT PUMP AeroWIN DELUXE NXT

Efficient, innovative and sustainable – our fully modulating compact air-source heat pump offers the highest quality and intelligent design. With a flow temperature of up to 72°C and the ability to integrate into existing systems, it is ideal for the refurbishment of hotels and commercial buildings. Reliable, economical and particularly quiet thanks to its sound-optimised construction.

Air-source compact large heat pump AeroWIN DELUXE NXT			AE30DS	AE45DS	AE70DS
Heating capacity range EN14825, flow temperature 35°C		kW	10.5 - 31.0	15.0 - 47.0	24.0 - 71.0
A12/W24	Heating capacity	kW	10.5	15.8	24.6
	Coefficient of performance	COP	9.5	9.6	9.4
A7/W27	Heating capacity	kW	11.8	16.3	25.4
	Coefficient of performance	COP	7.4	7.5	7.3
A2/W30	Heating capacity	kW	16.2	24.3	37.8
	Coefficient of performance	COP	5.5	5.7	5.4
A-7/W34	Heating capacity	kW	26.3	39.5	61.4
	Coefficient of performance	COP	3.5	3.6	3.4
A-10/W35	Heating capacity	kW	31.0	45.1	70.1
	Coefficient of performance	COP	3.0	3.1	3.0
SCOP EN14825 Medium climate zone			5.7	5.8	5.7
Energy efficiency class			A+++	A+++	A+++
Sound power level according to EN12102		dB(A)	49	51	55
Refrigerant			R290	R290	R290
Max. flow temperature at A0°C		°C	72	72	72
Electrical power of backup heater		kW	6	6	6
Dimensions (H x W x D)		mm	1,516 x 1,136 x 2,948	1,516 x 1,136 x 2,948	1,516 x 1,136 x 4,900
Total operating weight		kg	720	740	1,290
Reversible cooling					
A35/W18	Cooling capacity	kW / EER	24.3 / 5.5	36.4 / 5.6	55.3 / 5.4
	Coefficient of performance				



High efficiency

SCOP
6.0

Adjustable heat
output variable



windhager **nxt**

BEST HEATPUMP TECHNOLOGY

- With a **SCOP* of 6.0**, the TerraWIN DELUXE brine heat pump delivers an average annual heating output of 6 kW with a power consumption of just 1 kW
- **Integrated KNX connection** for comprehensive building control
- **RCG-X series included** (remote maintenance)
- **Highest annual performance factors** even in part-load

BRINE LARGE-SCALE HEAT PUMP TerraWIN DELUXE

30 kW . 40 kW . 60 kW . 100 kW

This fully modulating large-scale heat pump harnesses geothermal energy to provide efficient heating and economical cooling – with an impressive heating capacity of up to 100 kW. Hotels, commercial premises and large residential buildings all benefit equally from its power. High-quality materials, minimal maintenance requirements and virtually silent operation make it the ideal choice. A heat pump could hardly be more efficient, powerful, reliable or quieter.

TerraWIN DELUXE large-scale heat pump			TE30DS	TE40DS	TE60DS	TE100DS
Heating capacity range EN14825, flow temperature 35 °C						
B0/W24	Heating capacity	kW	7.4	9.9	16.2	24.2
	Coefficient of performance	COP	5.8	5.8	6.8	6.4
B0/W27	Heating capacity	kW	10.8	14.4	19.5	29.2
	Coefficient of performance	COP	5.7	5.7	6.3	6.6
B0/W30	Heating capacity	kW	16.0	21.3	32.8	48.6
	Coefficient of performance	COP	5.3	5.5	5.7	6.0
B0/W34	Heating capacity	kW	26.1	34.8	52.1	77.4
	Coefficient of performance	COP	5.0	5.0	5.0	5.2
B0/W35	Heating capacity	kW	30.1	40.1	58.5	91.9
	Coefficient of performance	COP	5.1	4.9	4.8	5.0
SCOP* EN14825 Medium climate zone			5.7	5.4	5.8	6.0
Sound power (EN12102)		dB(A)	50	55	58	61
Max. flow temperatures		°C	62	62	62	62
Dimensions (H x W x D)		mm	1,602 x 687 x 715	1,602 x 687 x 715	1,700 x 913 x 1,203	1,700 x 913 x 1,203
Total weight		kg	220	265	520	630
Reversible cooling option			TE30DRS	TE40DRS	TE60DRS	TE100DRS
B10/W18	Cooling capacity /	kW /	20.2 / 9.3	30.3 / 9.3	45.2 / 8.1	70.5 / 7.7
	Coefficient of performance					
B10/W7	Cooling capacity /	kW /	20.1 / 7.4	30.1 / 7.4	45.1 / 6.3	70.1 / 6.6
	Coefficient of performance					

* SCOP (Seasonal Coefficient of Performance) = The ratio of the annual heat output in kWh to the electrical drive energy required for this in kWh.

STORAGE

ETG500 DUO



500 litres



Legionella protection –

Safety for you and your family



Always freshwater thanks to **anti-limescale technology**



Higher hot water volumes thanks to the Extended Function



Minimal space requirements, quick installation



Maximum system efficiency combined with hydraulic system balancing

HEATING, COOLING AND HOT WATER WITH ONE TANK!

The **Easy-To-Go (ETG)** combination tank is suitable for **heating, cooling** and **hot water supply**. This allows the benefits of a buffer tank to be combined with those of a **highly efficient** freshwater system. This combination tank has been specially designed for the AeroWIN DELUXE NXT 10–26 heat pump series and is supplied with a **pre-installed Powerbox** for the heat pump controller and **hydraulic module**.

The hydraulic module houses all the relevant components for the freshwater system, circulation pumps for heating and hot water production, a backup heater and a sludge separator, which greatly simplify installation.

Accumulator		ETG500
Hot water capacity	l	335
Heating capacity	l	120
Max. discharge rate	l/min	22
Dimensions with insulation (Ø x H)	mm	760 x 1,998
Tilt dimension	mm	2,140
Dimensions of storage tank including modules	mm	960 x 1,998
Unladen weight	kg	125
Flow rate 12 l/min, storage tank 70 °C	l	713

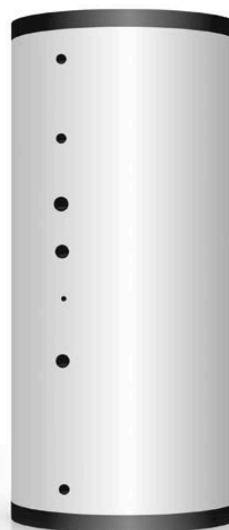
INNOVATIVE HEATING AND HOT WATER TECHNOLOGY

The Windhager ETG storage tank offers maximum efficiency and flexibility for modern heating solutions. It can be combined with an additional 2000-litre thermal storage tank. This combination not only ensures optimal heat distribution and hygienically safe hot water, but also offers maximum safety thanks to integrated protection systems. The ETG storage tank represents future-proof technology that takes both your energy efficiency and your comfort to a whole new level.

ETG500 Duo



Thermal battery



WHAT'S NEXT?

It all starts with a vision: to rethink heating. Under the strong umbrella of Windhager – BEST HEATING TECHNOLOGY, a brand that has been committed to sustainable heating technology for generations. Heating solutions with the highest quality and reliability are in place, a new driving force is emerging. A force that uses free energy from the environment in a particularly efficient and intelligent way: **windhagerNXT.**

windhagerNXT – Best Heatpump

Technology ushers in a new era of heating: whisper-quiet, energy-efficient and uncompromisingly high-quality. For a warm, comfortable home – and for a world that will still be worth living in tomorrow.

**windhagerNXT LIFTS
SUSTAINABLE HEATING TO
THE NEXT LEVEL.**

WindhagerNXT heat pumps are ba-

sed on next-generation technology – developed with the precision, reliability and passion that has always distinguished Windhager. Finally, they are doing exactly what you have always wanted: you like to see them – and not hear them.

State-of-the-art technology, durable and noble materials, as well as an intelligent, networked control system to a system that inspires today and tomorrow standards. For maximum performance, highest future-proofing – and real BEST HEATING.

SINCE 2024,
WINDHAGER PART
OF THE BWT FAMILY.



Both companies are pursuing the same goal: to develop sustainable systems that support people in everyday life and relieve our planet.

BWT is Europe's leading water technology company and is expanding our heating solutions with valuable expertise – from water quality and efficiency to intelligent system connections.

This partnership creates synergies that are reflected in every product: well thought-out, high-quality and technologically leading. Together, we combine heat and water to create solutions that will be convincing in the long term.

FOR YOU AND PLANET BLUE.

YOUR HEATING.
YOUR STATEMENT.

RESPONSIBILITY
THAT WARMS THE HEART.



windhager.co.uk

We would be delighted to advise you in person.

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