



**ARB HAUSTECHNIK GMBH**  
ERNEUERBARE ENERGIESYSTEME

hotjet 

# Heat Pumps







hotjet

HOTJET is a manufacturer of heat pumps.  
We are producing air to water,  
brine to water and water to water  
from 2 to 100 kW.

We've been developing advanced heat pump solutions for 20 years, combining European engineering with cost-effective production. By manufacturing in the heart of Europe with efficient processes and direct sales, we deliver premium performance at competitive prices – up to 20–30 % less than comparable solutions from traditional premium brands.

## European Quality Since 2006

- On the market since 2006,
- more than 75 core employees,
- we already produce more than 29,000 heat pumps,
- 8000 m<sup>2</sup> of production, warehouse and office spaces.

## Smart Value

- In-house production eliminates middleman costs
- Smart engineering reduces complexity
- 20-year manufacturing experience = efficiency

## Our Strengths

20 years of expertise  
thousands of satisfied  
customers across Europe




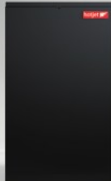




Complete range  
from 3 kW residential  
to MW cascades

European production  
quality components from  
certified suppliers

Innovation leader  
R290 propane technology,  
unique indoor solutions

Full support  
technical assistance,  
remote management,  
spare parts availability

## HOTJET PRODUCTS

OUTDOOR		INDOOR	
AIR - WATER		BRINE - WATER WATER - WATER	
			
7, 10, 15 ZETXe	7, 10, 15, 20 ZETXp	ZETXi	7, 10, 15 Wx
			
25, 30, 40, 50 ZETXp	Hydromodule	Mini 5Ai	40 Wx

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HEAT PUMPS MANUFACTURER

### Product Portfolio

ZETXpSeries – Propane R290 with highest efficiency for radiators  
 ZETXeSeries – Proven R454B technology for universal applications  
 ZETXi Series – Unique indoor installation, invisible from outside  
 Mini 5Ai – Compact wall-mounted solution  
 WX Series – Geothermal excellence  
 Complete accessories  
 Hydromodules, controllers, webserver for photovoltaics

Your partner for sustainable  
heating solutions

### Prepared

#### for photovoltaics

The heat pump listens to the requirements of photovoltaics. Operating at a higher temperature and adjusting its parameters accordingly.

#### Whisper-quiet operation

Thanks to sophisticated soundproofing, active vibration damping, and a large-diameter, slow-running fan.



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# ZETXp Series

Best for radiators and Hot water heating:  
SCOP4.84 – Lower operating costs  
than comparable heat pumps

HEAT PUMPS HOTJET

new



## WHY CHOOSE ZETXp?

- The quietest heat pump we have ever built
- Highest efficiency = lowest running costs
- Future-proof natural refrigerant
- Temperature up to 75 °C
- Full inverter control
- Smart Grid Ready
- Propane heats better.“
- Maximum User Comfort

Model	Power Range	Key Features
7 ZETXp	2–7 kW	Perfect for modern homes
10 ZETXp	3–10 kW	Most popular size
15 ZETXp	4–18 kW	Powerful & efficient
20 ZETXp	5–23 kW	Unmatched for larger buildings



## The Future with R290 is here

### 7 ZETXp 10 ZETXp 15 ZETXp 20 ZETXp

Compressor	Copeland Scroll Variable Speed			
Nominal heating output [kW] / COP(A7/W35)	3,11 / 5,17	5 / 5,44	7,7 / 5,67	10,5 / 5,66
Heating output range A7/W35	2–9	3–14	4,5–22	6–29
Nominal heating output [kW] / COP(A2/W35)	2,51 / 4*	4 / 4,25*	6,25 / 4,4*	8,43 / 4,36*
Max. Heating output / COP(A-7/W55)	5,67 / 2,2	8,96 / 2,34	12,86 / 2,38	18,73 / 2,39
Sound power level at A2/W55 acc. to EN12102	45,3 dB	47 dB	48 dB	50 dB
Acoustic pressure LpA at 3m	28 dB	29,5 dB	31 dB	32,5 dB
Size (width × depth × height)	1105 × 550 × 1030 mm		1325 × 650 × 1287 mm	
Refrigerant	R290			
Weight	130 kg	140 kg	190 kg	230 kg

\* Including defrosting

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NEW PRODUCT

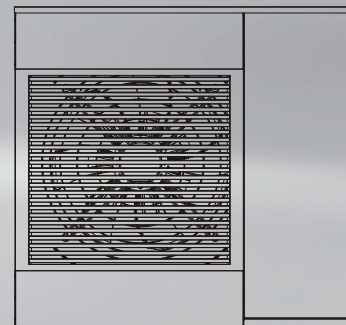
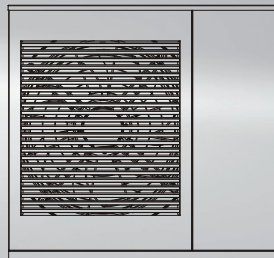
## R290 Safety – Facts, Not Fear

Refrigerant charge:  
0.75–1.3 kg (less than a camping stove)

Lower risk than:  
Natural gas piping in your home

Compliant with:  
EN 378, IEC60335-2-40, all EU regulations

Installation:  
Standard procedures



**RVS**  
Full integration with RVS modular systems allows you to control heating, cooling, heat recovery, and water heating from a single point.

**Climatix**  
Ready for remote management. Keep your heating under control wherever you are – all you need is a mobile app.

**ZETXp + RVS/Climatix**  
Technology that thinks for you. German Siemens Climatix controls at the service of your heating needs.

**Fossil Fuel Independence:  
ZETXp is your key to energy freedom!**

**A+++ Radiators**

**A+++ Underfloor heating**

**ZETXp**

# 25/30/40/50 ZETXp

## When you need more power

### 30 ZETXp

- 30 kW nominal power
- Perfect for larger homes & commercial
- R290 propane efficiency
- Full modulation capability – From minimum load to full power, always with maximum efficiency. No unnecessary switching, just precise heat delivery.

### 40/50 ZETXp(Coming 2026)

- 50 kW in single unit
- Cascade up to 1 MW - Intelligent cascade control with RVS/Climatix regulation for optimal performance and redundant operation
- Designed for commercial applications
- Advanced control systems



## Power Solutions

	25 ZETXp	30 ZETXp	40 ZETXp	50 ZETXp
Heating output range (kW) A7/W35	6 / 35,3	7,7 / 48,8	16,6 / 59,6	16,6 / 69,4
Heating output range (kW) A-7/W55	4,6 / 24,6	6,7 / 32,2	16,5 / 38,6	16,5 / 48,1
Heating output range (kW) A2/W35	4,8 / 30	6,2 / 37,8	18,6 / 48,9	18,6 / 59,3
Compressor	Copeland Scroll Variable Speed			
Cascade solution	YES			
Sound power level $LW_A$ A2/W55	53	54	58	61
Energy label (35 °C/55 °C)	A +++/ A+++			
Weight	240 kg	320 kg	410 kg	410 kg
Size (width × depth × height)	1325 × 650 × 1287	1790 × 800 × 1615		1900 × 900 × 1800
Cooling	YES			

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AIR - WATER

R290 – future-proof heating for large projects.

Details and specifications  
available on request



**A** +++ Radiators

**A** +++ Underfloor heating

**ZETXp**






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# ZETXe

For customers with propane concerns  
full-featured solution without flammable refrigerant,  
maintaining all HOTJETsystem functions and benefits

Solution for complicated installations  
– ideal where R290 is technically unsuitable:  
installations near basement windows, doors,  
or various drains

Spatially constrained outdoor locations  
with multiple openings  
– Properties with enhanced safety requirements  
– Sites where investors simply don't want  
flammable refrigerant

No special requirements – no ATEXzones,  
special sensors, or additional ventilation  
= simpler and more cost-effective installation

Proven technology – years of experience,  
service technicians know the refrigerant,  
spare parts readily available





## Proven Alternative with Traditional Refrigerant

7 ZETXe    10 ZETXe    15 ZETXe

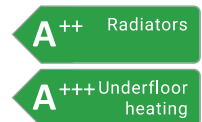
Compressor	Copeland Scroll Variable Speed		
Power min/max for 25–120 Hz (A2/W35)	1,8–9 kW	2,6–13 kW	4–20 kW
Heating power (kW) / COPA7/W35 (60 Hz)	6,25 kW / 5,10	8,04 kW / 5,02	10,29 kW / 5,03
Heating power (kW) / COPA2/W35 (60 Hz)	4,33 kW / 4,09	6,35 kW / 4,04	8,33 kW / 4,11
Heating power (kW) / COPA–7/W50 (120 Hz)	8	11	17
Nominal cooling power kW at 60 Hz (min–max)	5,0 kW (1,1–8,9)	6,0 kW (3,3–11,9)	11,0 kW (5,5–14,0)
Acoustic performance of LW <sub>A</sub> A7/W35	52 dB	53 dB	54 dB
Acoustic pressure LpA at 3 m (100 Hz)	40 dB	41 dB	42 dB
Energy label	A+++/A++	A+++/A++	A+++/A++
Size (width × depth × height)	1270 × 600 × 1138 mm		
Refrigerant	R454B (R454C)*		

\* Relyon ZETXe with R454B. It is already the best non-flammable choice today.  
We believe in continuous evolution, which is why R454C is part of our vision for tomorrow.

We have a solution for everyone– innovative R290 and proven traditional refrigerant.  
Choose according to your needs and conditions.

ZETXe: Premium heating reliability.

A+++ efficiency and a non-combustible solution  
for those who do not compromise on safety.



# ZETXe

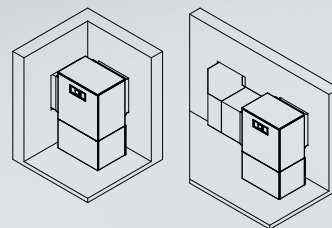
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# ZETXi

The invisible heat pump solution  
– all the performance, none of the visual impact.  
Just two discreet ventilation grilles on your wall.



The heat pump you won't see.  
Only feel.

The invisible heat pump solution – all the performance, none of the visual impact.

Typical premium solutions charge 40 % more for indoor installation.  
We don't.

## PERFECT FOR:

Historic buildings  
preserve facade aesthetics

Dense urban areas  
no space constraints

Noise-sensitive locations  
silent operation outside

Architectural projects  
invisible technology



## No outdoor unit = No visual impact

	7 ZETXi	10 ZETXi	15 ZETXi
Compressor	Copeland Scroll Variable Speed		
Power min/max for 25–120 Hz (A2/W35)	1,8–9 kW	2,6–13 kW	4–20 kW
Heating power (kW) / COPA7/W35 (60 Hz)	6,25 / 5,10	8,04 / 5,02	10,29 / 5,03
Heating power (kW) / COPA2/W35 (60 Hz)	4,33 / 4,09	6,35 / 4,04	8,33 / 4,11
Heating power (kW) / COPA-7/W50 (120 Hz)	8	11	17
Nominal cooling power kW for 60 Hz (min–max)	5,0 (1,1–8,9)	6,0 (3,3–11,9)	11,0 (5,5–14,0)
Acoustic performance of LWA A7/W35	52 dB	53 dB	54 dB
Acoustic pressure LpA at 3m (100 Hz)	40 dB	41 dB	42 dB
Energy label	A+++/A++	A+++/A++	A+++/A++
Weight	250 kg	255 kg	260 kg
Size (width × depth × height)	985 × 791 × 1734 mm		
Refrigerant	R454B (R454C)*		

\* The development of ZETXi is an ongoing process that will ensure a smooth transition to the future R454C standard in new, innovative models.

### TECHNICAL EXCELLENCE:

- Indoor monoblock with air ducts
- Integrated hydromodule included
- Safe R454B refrigerant
- Full inverter technology
- SCOP<sub>up</sub> to 4.65 (A+++)



### COMPLETE PACKAGE INCLUDES:

- Heat pump with integrated controller
- 7.5 kW backup heater
- Circulation pump
- Webserver for remote management
- Air duct kit available

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AIR - WATER



# ZETXi






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# Wx Series

Complete package with inverter compressor, pumps, and controls.

Indoor unit with zero visual impact on your home.  
Noise level (LwA) from just 39 dB.

Stability, maintenance-free operation, and peace of mind that only underground systems can provide.



Compressor

Suitable for thermal losses

Performance min/max

Heating power (kW) / COP

Heating power (kW) /COP

Maximum outlet water temperature

Acoustic performance of LWA B0/W55

Energy label (35 °C/55 °C)

Size (width × depth × height)

Weight

Refrigerant



## Maximum Efficiency

7 Wcx 10 Wcx 15 Wcx

7 Wx 10 Wx 15 Wx

	Copeland Scroll Variable Speed		
	4–10 kW	5–15 kW	10–22 kW
W10 / W35	4–11 kW	4,5-15,2 kW	7–23 kW
W10 / W35	4,5 kW / 6,4	6,3 kW / 6,4	9,46 / 6,2
W10 / W55	5,5 kW / 3,73	7,7 kW / 3,68	9,65 / 3,58
	65°C		
	38 dB	39 dB	40,7 dB
	A+++/A+++	A+++/A+++	A+++/A+++
	594 × 694 × 1000 mm		
	110 kg	135 kg	140 kg
	R454B		

	Copeland Scroll Variable Speed		
	4–9 kW	5–15 kW	10–20 kW
B0 / W35	2,6–9,4 kW	3,6–13 kW	5,5–19,7 kW
B0 / W35	3,7 kW / 5,1	5,3 kW / 4,95	7,97 kW / 4,8
B0 / W55	4,7 kW / 3,4	6,5 kW / 3,3	9,9 kW / 3,1
	65 °C		
	38 dB	39 dB	40,7 dB
	A+++/A+++	A+++/A+++	A+++/A+++
	676 × 676 × 1115 mm		
	127 kg	137 kg	142 kg
	R454B		

## HIGHEST PERFORMANCE:

- SCOPup to 5.5 (water-water)
- SCOPup to 5.3 (ground-water)
- Stable performance year-round
- Active & passive cooling



## KEY ADVANTAGES:

For Water-Water  
Coaxial tube heat exchanger benefits:

Self-cleaning design  
reduces maintenance

Freeze protection  
handles poor water quality

Direct connection = lower investment  
Direct well water connection without  
intermediate circuits or costly treatment

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GROUND &amp; WATER SOURCE HEAT PUMPS

A+++ Radiators

A+++ Underfloor heating

Wx

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Revolution

# Mini 5Ai

Small Size.  
Big Performance.

Like nowhere else – complete solution  
in one compact unit!

## PERFECT APPLICATIONS

- Wall-mounted like a gas boiler
- Apartments & small homes
- Passive houses
- Retrofit projects
- Serverroom cooling with heat recovery



## Technical Data

Dimensions Size (width × depth × height)	654×530×802 mm
Weight	only 65 kg
SCOP	3.9 A++
Super quiet	42 dB(A)

We are constantly developing  
the Mini 5Ai.

Stay one step ahead knowing  
that the refrigerant of the future  
(R290 / R454C) is already on its  
way to our compact solution.

## All-in-One Solution

Heating  
up to 4 kW

Cooling  
active cooling  
mode

Hot water  
integrated  
3-way valve

Backup heater  
electric heater  
3 kW building

One of the smallest complete  
heat pump systems in the world



# Complete System Solutions

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HOTJET HYBRID SYSTEMS

## Hydromodule

- Integrated wall unit containing:
- Siemens Climatix control
- 7.5 kW backup heater with
- Energy-efficient circulation pump
- 3-way valve for DHW
- All wiring complete

## Control System Features

- 3 heating/cooling circuits standard
- Hot Water heating
- Wood boiler support
- Solar thermal integration
- Pool heating/cooling
- Smart Grid ready
- Hybridisation ready

## WEBSERVER- Remote Management Control from anywhere

- iOS/Android app
- Integrated Web server access
- Cloud lifetime licence access
- Real-time monitoring
- Remote diagnostics
- Service alerts
- Energyconsumption tracking
- Multi-site management

## When You Want the Best of Both Worlds



Professional remote management included as standard.

### KEY BENEFITS FOR YOUR COMFORT AND WALLET:

**Economic autopilot**  
intelligent control automatically selects the cheaper source based on current energy prices (heat pump at COP4-5, boiler only when it pays off) – 20–30% savings compared to classic on/off systems.

**Double backup = zero drama**  
if the heat pump fails, the boiler takes over and vice versa – your home will never freeze, even when you're on vacation

**Perfect for older buildings**  
older homes with radiators don't need to replace the heating system, heat pump handles milder weather (55 °C), boiler tops up to 70 °C in freezing conditions

**Gradual modernization without shock**  
no need to scrap your working boiler, use it as backup, investment spread over stages with 5–8 year payback



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Technical data are subject to change without prior notice due to continuous development and innovation. Please contact the supplier for the current specifications.

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European Quality  
20 Years Experience  
Premium Technology  
Competitive Pricing  
Full Support

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FLIGHT TIME  
OSTRAVA  
KATOWICE  
KRAKOW

1h

2h

4h

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