hotjet

Heat Pumps Manufacturer

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.

From the point of view of an annual production,
HOTJET is the largest Europe producer of heat pumps.
Our innovations in technology and services
have made us one of the market leaders in the industry.

Our heat pumps are not only for your home, but
you can also heat your business, production halls
or schools. Our range of heat pumps ranges
from 3 kW to megawatt cascades.
We have 18 years of experience and thousands
of satisfied customers and businesses. We source
our components from certified manufacturers
and ensure parts availability. We manufacture
our own tubes and sheets for the machines.

We've been here long enough and we've made too much to be a coincidence

- On the market since 2006,
- more than 75 core employees,
- we already produce more than 22,000 heat pumps,
- 8000 m^2 of production, warehouse
  and office spaces.

Save with us
- get a special price on a heat pump,
- we minimize the costs associated with
  technician trips thanks to the possibility
  of service interventions via the Internet,
- we stock low-priced spare parts.

**We have a qualified
technical support department**
The technical support department has a dispatch
center for coordinating requests and processing
them with several internal staff dedicated to providing
services heat pump users and professionals.

**We have a network
of business and assembly partners**
We have a permanent network of sales and installation
partners in the Czech Republic and Slovakia partners
who deal with design, supply, support and servicing
of our heat pumps with our full support.

HEAT PUMPS MANUFACTURER

INDOOR			OUTDOOR
AIR-WATER			BRINE-WATER WATER-WATER

INVERTER

ZETXi

ZETXe 7, 10, 15

ZETXpro 7, 10, 15, 20

Wx 3–20 kW

COMPACT

ON/OFF

Mini 5Ai

20–45 ONE2

Hydromodule

Wx 33–50 kW

Prepared for photovoltaics

The heat pump listens to the requirements of photovoltaics. A higher temperature and adjust its operating parameters.

Quiet like a breeze

Thanks to sophisticated soundproofing, active vibration -running fan large-diameter fan.

Wide range of accessories

- Extension of regulation,
- room sensors,
- hot water heaters,
- backup power supplies, fan coils,
- stands.

hotjet

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BUILD YOUR OWN SYSTEM WITH HOTJET

HEAT PUMPS MANUFACTURER

STANDARD PRODUCT
= standard price

CUSTOMIZATION

PLACE FOR YOUR LOGO

We bring your ideas through
3D CAD model to life!

READY TO USE
READY TO USE

ORIGINAL EQUIPMENT
OEM
MANUFACTURER

ORIGINAL DESIGN
ODM
MANUFACTURER

Design
1

Documentation
2

Prototype
3

Certifications
4

Training
5

Serial production
6

Tell us about your project!

BUILT
TO YOUR REQUEST
IN EUROPE WITH

Copeland compressors
Siemens Control systems
Ziehl-Abegg fans
SWEP brazed plate heat exchangers
LU-VE evaporators

Copeland® brand products   **SIEMENS**   **SWEP** A DOVER COMPANY   **ZIEHL-ABEGG**   **ebmpapst**   *Danfoss*   **LU-VE** GROUP leadership with passion

€ OEM CUSTOMIZATION   €€ ODM BUILT TO YOUR REQUEST   €€€

ZETXpro

NEW

hotjet

Download on the App Store

Google play
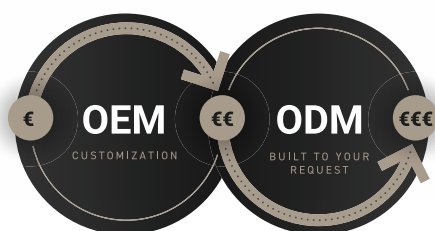
Heating power A7/W35

7 ZETXpro	10 ZETXpro	15 ZETXpro	20 ZETXpro
7 kW	10 kW	15 kW	20 kW

70°C temperature

heating cooling

outdoor instalation

silent

A++ Radiators

A+++ Underfloor heating

ZETXpro

HEAT PUMPS MANUFACTURER

ZETXe

Heating Power: 2–16 kW

In the version with switchboard

- heat pump with heating and cooling,
- external switchboard with SIEMENS control,
- energy-saving circulation pump,
- outdoor sensor,
- webserver for control and service via the Internet,
- iOS / Android app,
- Control panel with room sensor.

SIEMENS

Download on the App Store

ANDROID APP ON Google play

In the version with hydromodule

- heat pump with heating and cooling,
- hydromodule with SIEMENS control,
- electric heater 7,5 kW and circulation pump,
- three-way valve for DHW,
- webserver for control and service via the Internet,
- iOS / Android app,
- Control panel with room sensor.

heating cooling

outdoor instalation

silent

AIR-WATER

	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) / heating factor A7/W35 (60 Hz)	6,25 kW / 5,10	8,04 kW / 5,02	10,29 kW / 5,03
Heating power (kW) / heating factor A2/W35 (60 Hz)	4,33 kW / 4,09	6,35 kW / 4,04	8,33 kW / 4,11
Heating power (kW) / heating factor A−7/W50 (120 Hz)	8	11	17
Nominal cooling power kW for 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 LWA A7/W35	52 dB	53 dB	54 dB
Acoustic pressure LpA at 3m (100Hz)	40 dB	41 dB	42 dB
Energy label	A+++/A++	A+++/A++	A+++/A++
Size (width × depth × height)	1270 × 600 × 1185 mm		

3 circuits
HEATING AND COOLING
in basic control

SG
Ready
Smart Heat Pumps

65°C
temperature

WHAT ELSE IS IN THE HOTJET REGULATIONS

- Intelligent control of external boiler – gas, electric, oil,
- solid fuel boiler control, fireplace insert with heat exchanger,
- 2 consumption circuits (e.g. heat exchanger recovery),
- thermal solar with three appliances (AHU, boiler, swimming pool),
- pool heating or cooling from heat pump,
- 2× configurable differential thermostat,

- controlled flow of heating,
- legionella function and hot water circulation,
- external 0–10 V ON/OFF commands,
- photovoice function and smart grid heat pump,
- external control via API and JSON.

Copeland Scroll™
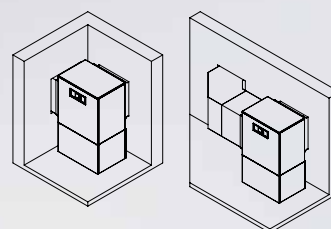INVERTER

A++ Radiators

A+++ Underfloor heating

ZETXe

ZETXi

Heating Power: 2–16 kW

Air-water heat pump
for indoor installation in the house.

Heating and cooling mode,
with an active noise cancellation system.

Download on the
App Store

ANDROID APP ON
Google play

heating
cooling

indoor
instalation

silent

SG Ready
Smart Heat Pumps

65°C
temperature

AIR-WATER

	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) / heating factor A7/W35 (60 Hz)	6,25 / 5,10	8,04 / 5,02	10,29 / 5,03
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Acoustic performance of LWA A7/W35	52 dB	53d B	54 dB
Acoustic pressure LpA at 3m (100Hz)	40 dB	41 dB	42 dB
Energey label	A+++/A++	A+++/A++	A+++/A++
Weight	220 kg	225 kg	230 kg
Size (width × depth × height)	986 × 846 × 1590 mm		

SIEMENS

PART OF THE SET

- heat pump with heating and cooling,
- SIEMENS control,
- electric heater 7,5 kW,
- energy-saving circulation pump,
- webserver for control and service via the internet,
- iOS / Android app.

OPTIONAL

- control panel for the heat pump,
- a control panel with a temperature sensor for the space,
- temperature sensor with wired connection,
- temperature sensor with wireless connection,
- a combination of the above.

Copeland Scroll™ INVERTER

A++ Radiators

A+++ Underfloor heating

ZETXi

ONE2

Heating Power: 20—40 kW

Where is nothing , nothing can not go wrong! Proven traditional on/off control without frequency converter. Heat pump in monoblock design. Especially suitable for systems with radiators and hot water heating. Safe refrigerant. Night time setting for noise reduction.

Download on the **App Store**

ANDROID APP ON **Google play**

heating cooling

outdoor instalation

silent

	20 ONE2	25 ONE2	35 ONE2	45 ONE2
Heating power (kW) / heating factor A7/W35	18,8 / 4,5	30 / 4,3	33,6 / 4,58	40,2 / 4,42
Heating power (kW) / heating factor A-7/W50	15,6 / 3,7	22,2 / 3,5	28 / 3,8	33,6 / 3,7
Heating power (kW) / heating factor A2/W35	12,3 / 2,2	22 / 2,1	24 / 2,2	29,2 / 2,15
Compressor	Scroll on/off			
EVI Injection	YES			
Cascade solution	max. 16 heatpumps			
Fan – Electric controlled	630 mm	800 mm	900 mm	900 mm
Acoustic performance of LWA A7/W35	67 dB	71,5 dB	73,5 dB	76,5 dB
Acoustic pressure LpA at 3m (100Hz)	47dBA	51 dBA	53 dBA	56 dBA
Energy label (35 °C/55 °C)	A++/A++	A++/A++	A++/A++	A++/ A++
Weight	205 kg	250 kg	350 kg	370 kg
Size (width × depth × height)	1270×500×1210	1620×600×1480	1720×700×1680	1720×700×1680

Assembly in variant with switchboard

- monoblock heat pump,
- external switchboard with SIEMENS control,
- energy-saving circulation pump,
- outdoor sensor,
- webserver for control and service via the Internet,
- iOS / Android app.

SIEMENS

SG
Ready
Smart Heat Pumps

65°C
temperature

A++ Radiators

A+++ Underfloor heating

ONE2

hotjet

Wx

Heating Power: 3–20 kW

Ground-to-water and water-to-water heat pump, is the smartest and most economical solution.

Higher heating factor and independence to outdoor temperatures. Longer life, no noise outside, fewer service cases.

Download on the App Store

ANDROID APP ON Google play

SG Ready
Smart Heat Pumps

65°C
temperature

Compressor	
Suitable for thermal losses	
Performance min/max	
Heating power (kW) / heating factor	
Heating power (kW) / heating factor	
Maximum outlet water temperature	
Acoustic performance of LWA B0/W55	
Energy label (35 °C/55 °C)	
Size (width × depth × height)	
Weight	

Part of WATER-WATER

- heat pump with heating and cooling,
- CuNi pipe evaporator
- resistant to freezing and poor quality water,
- Siemens controller,
- built-in, electronically controlled heating circuit circulation pump,
- outdoor sensor,
- webserver for control and service via the internet with cloud connection (Plug & Play),
- HomeControl IC - App for Android and iOS, Easy setup and overview of your heating and boiler room.

Passive cooling option

heating cooling

indoor instalation

silent

	7 Wx	10 Wx	15 Wx		7 Wx	10 Wx	15 Wx
	Copeland Scroll Variable Speed				Copeland Scroll Variable Speed		
	4–10 kW	5–15 kW	10–22 kW		4–9 kW	5–15 kW	10–20 kW
W10 / W35	4–11 kW	4,5-15,2 kW	7–23 kW	B0 / W35	2,6–9,4 kW	3,6–13 kW	5,5–19,7 kW
W10 / W35	4,5 kW / 6,4	6,3 kW / 6,4	9,46 / 6,2	B0 / W35	3,7 kW / 5,1	5,3 kW / 4,95	7,97 kW / 4,8
W10 / W55	5,5 kW / 3,73	7,7 kW / 3,68	9,65 / 3,58	B0 / W55	4,7 kW / 3,4	6,5 kW / 3,3	9,9 kW / 3,1
	65°C				65 °C		
	39 dB	40,7 dB	42 dB		39 dB	40,7 dB	42 dB
	A+++/A+++	A+++/A+++	A+++/A+++		A+++/A+++	A+++/A+++	A+++/A+++
	594 × 694 × 1000 mm				594 × 694 × 1000 mm		
	130 kg	135 kg	140 kg		132 kg	137 kg	142 kg

Sets
BRINE-WATER

- plate evaporator and condenser,
- Siemens controller,
- built-in, electronically controlled circulation pumps for heating and primary circuits,
- outdoor sensor,
- webserver for control and service via internet with cloud connection (Plug & Play),
- HomeControl IC - App for Android and iOS, Easy setup and overview of your heating and boiler room.

Copeland Scroll™ INVERTER

A +++ Radiators

A +++ Underfloor heating

Wx

Mini

Heating Power: 4 kW

Small heat pump designed
for houses up to 4 kW of heat loss.

Heats, cools and heats hot water.

Installed on the wall inside the build.

Download on the App Store

ANDROID APP ON Google play

Set AIR-WATER

- integrated electric boiler 3 kW,
- energy-saving circulation pump,
- three-way valve for switching
  to the boiler,
- connection to Siemens cloud.

For various applications
there are no limits
to the imagination:

- local heat recovery,
- direct air cooling
  with water heating,
- dehumidification,
- pool heating.

indoor instalation

silent

| Mini 5Ai	
Heating power	up to 4 kW
Power A7/W35 at 50 Hz 2,9 kW	2,9 kW
Electric cartridge	3 kW
Compressor power supply	1× 230 V
Compressor power supply	2× 230 V
Acoustic pressure LpA 1m	42 dB(A)
Maximum outlet temperature	55 °C
Energy label	A++
Size (width × depth × height)	654×53×802 mm
Weight	65 kg

Mini

Hydromodule

Integrated indoor unit
for thermal monoblock design

For 7, 10, 15 ZETXe and 20 ONE2

AIR-WATER

indoor
instalation
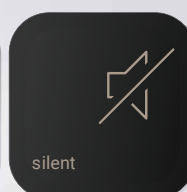
silent

ADVANTAGES

• - Reduced installation time and material cost,

INCLUDE

• separate outlets for heating and hot water,
• integrated 3-way diverter valve,
• internal electric boiler 2,5-5-7,5 kW + HDO control,
• Siemens controller,
• Circulating energy saving electronic pump,
• outdoor sensor and vent valve,
• webserver for control and service via the internet
  with cloud connection (Plug & Play connection),
• HomeControl IC - App for Android and iOS,
  Easy setup and overview of your heating
  and boiler room.

Download on the
App Store

ANDROID APP ON
Google play

Hydromodule

hotjet

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OPAVA

BOLATICE

HLUČÍN

OSTRAVA

AIRPORT

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MINISTRY OF INDUSTRY AND TRADE
OF THE CZECH REPUBLIC