

ALSAVO®



COMFORTKLIMAAT

# AIR SOURCE HEAT PUMP



2024-2025

## About Alsavo

Alsavo focuses on providing the best service solutions to its customers and is a leading provider of sustainable and responsible system solutions and services for heating, domestic hot water and renewable energy. We're committed to innovating next-generation heat pumps and creating a high quality of life. That's why we develop reliable products which are easy to operate, actively help protect the environment, and enhance our well-being through the combination of heat, water and air.



# INVERBOOST FULL INVERTER TECHNOLOGY

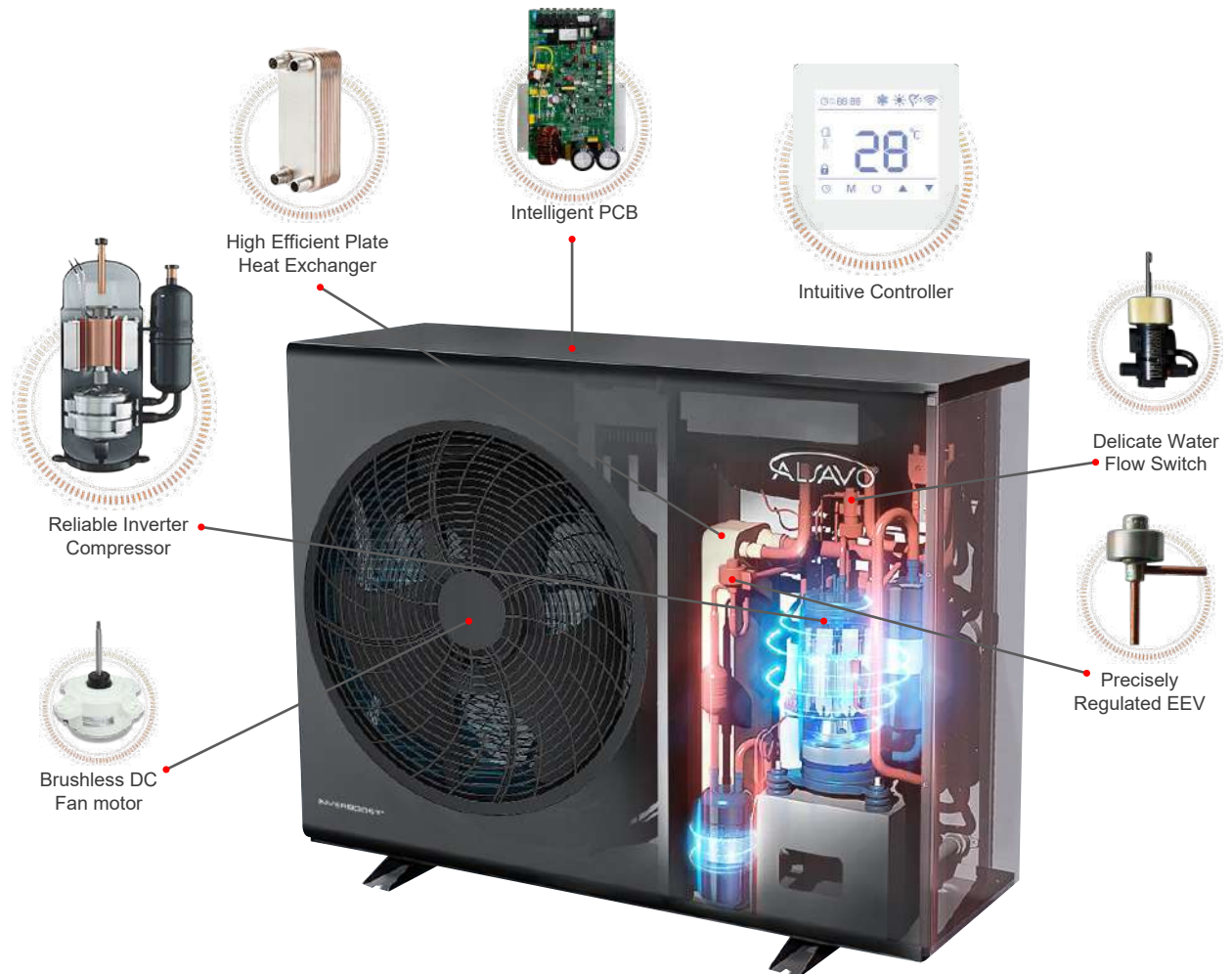
The ALSAVO heat pump is equipped with the latest INVERBOOST technology across the entire range. It can operate from 0 to 100% in order to restore the necessary power. Thanks to its analysis of temperature and indoor and outdoor operating conditions, it maximizes its efficiency and homeowners' comfort.

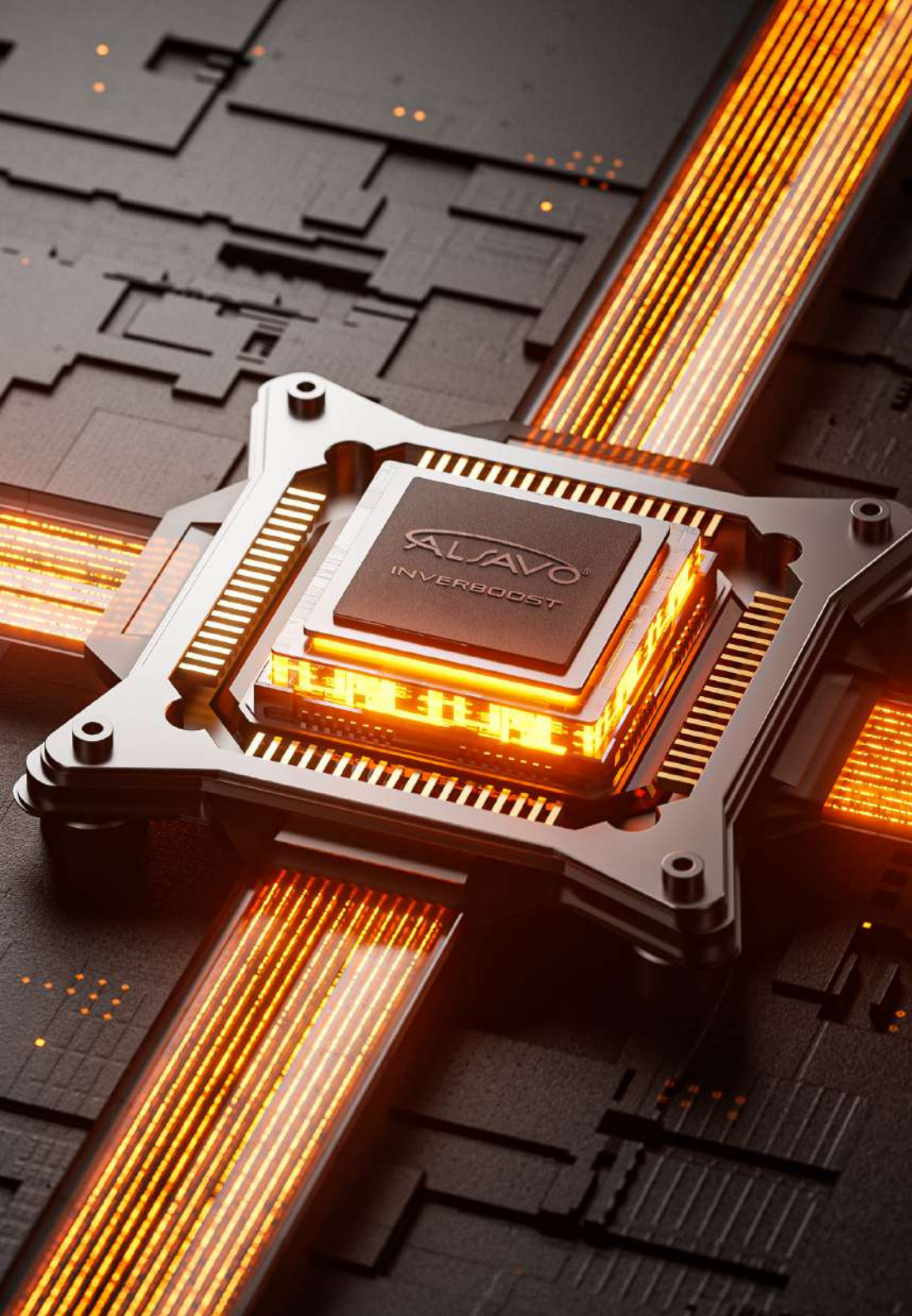
## Operating mode:

The variable speed allows you to optimally regulate its performance in order to heat and reach the desired temperature gently and as quickly as possible.

## Smart Defrost:

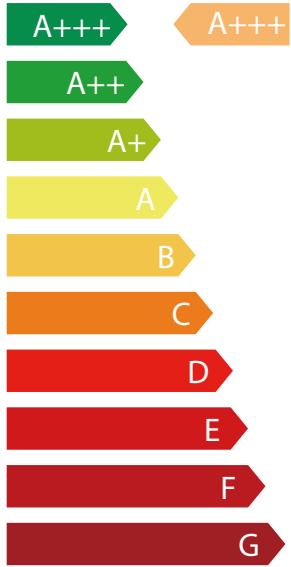
The smart defrost function automatically manages defrosting cycles and reduces defrosting times with minimal impact on the hot water supply.





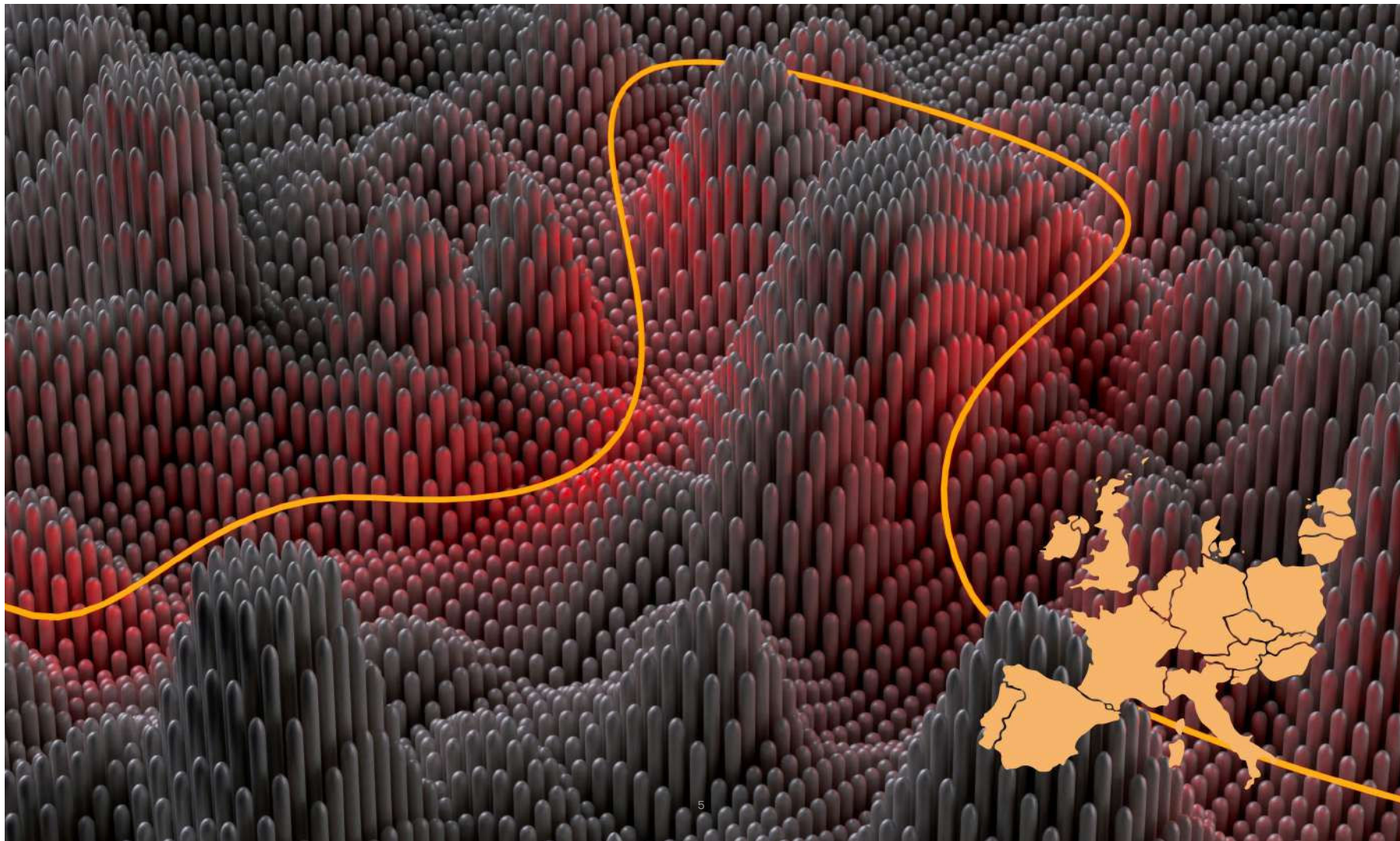
# A+++ ENERGY EFFICIENCY

Alsavo Air-To-Water Heat Pump features the most cutting-edge INVERBOOST technology to meet stringent requirements for efficiency, stability and quietness. With top energy rating TUV A+++, the unit can maximize COP performance with an efficiency increase of 30% and greatly reduce energy bills for users.



## EUROPE HEAT PUMP SUBSIDIES

Alsavo heat pump is eligible for various government subsidies, including UK, Germany, France, Italy, and Poland etc. It is a viable option that saves big on your heating and cooling system.



# SMART CONTROLLER



Easy to use visual interface.



Safety lock.



7 days programmer.



Works according to your personal style.



Saves time and energy.



Heating, cooling and domestic hot water.



5 types of modes satisfying needs.



# INTEGRATED WI-FI

## MONITORING SETTING






Equipment monitoring at all times.  
Time setting, no need for multiple settings.

## COMFORT

WIFI control from anywhere and anytime, remote start in advance to enjoy the warmth.

## TUYA SMART APP

Tuya Smart is an innovative app that revolutionizes the way users interact with their Alsavo heat pump. Designed to simplify smart home management, this app provides a centralized, user-friendly and intuitive platform for controlling and troubleshooting the heat pump.

-  Switch ON/OFF
-  Set temperature and operating parameters
-  Switch operation mode
-  Check heat pump running status
-  Set timer







## A PURE DESIGN

The Alsavo heat pump, a symbol of ecological innovation and modern comfort, is adorned with a refined aesthetic, thus defining a new era in the world of heating. Its minimalist design, at the crossroads of contemporary aesthetics and functionality, demonstrates a harmonious fusion between advanced technology and elegance.



Proven Reliability



Rust proofing



Easy Maintenance



Hidden Screws



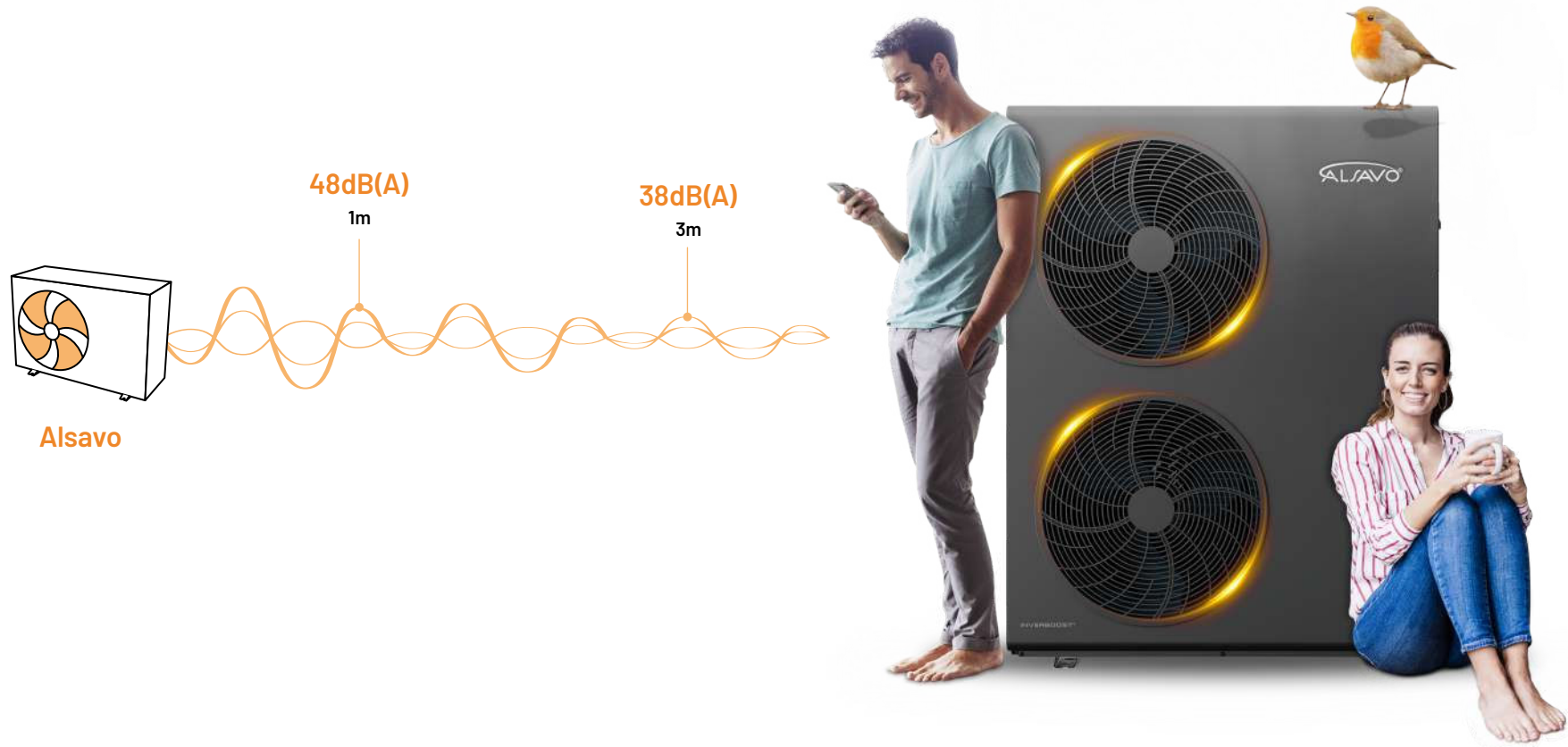
Aluminium Cabinet



## QUIET OPERATION

Alsavo adopts multiple technology to reduce operating noise, contributing to a harmonious and quiet environment.

As low as 38 dB(A), Alsavo heat pumps reduce noise with an impressive 20% quieter running with the adoption of twin-rotary DC-inverter compressor and DC-inverter brushless fan motor.





Residential Heat Pump

Fan Coil Unit

Underfloor Heating

Fan Coil Unit

Domestic Hot Water

Pool Heating

Spa Heating

# ALL IN ONE SOLUTION

By consuming a small amount of electrical energy, the Alsavo Air-to-Water Heat Pump collects heat from the air and transfer it through water to heat and cool. It is built-in all-in-one design offers you a comfortable full range of heating solutions including heating, cooling, domestic hot water, fan coil unit and floor heating.

An entire comfort experience satisfies your needs and expectations:



Designed for house heating in winter, additional heating for Pool&SPA in summer.



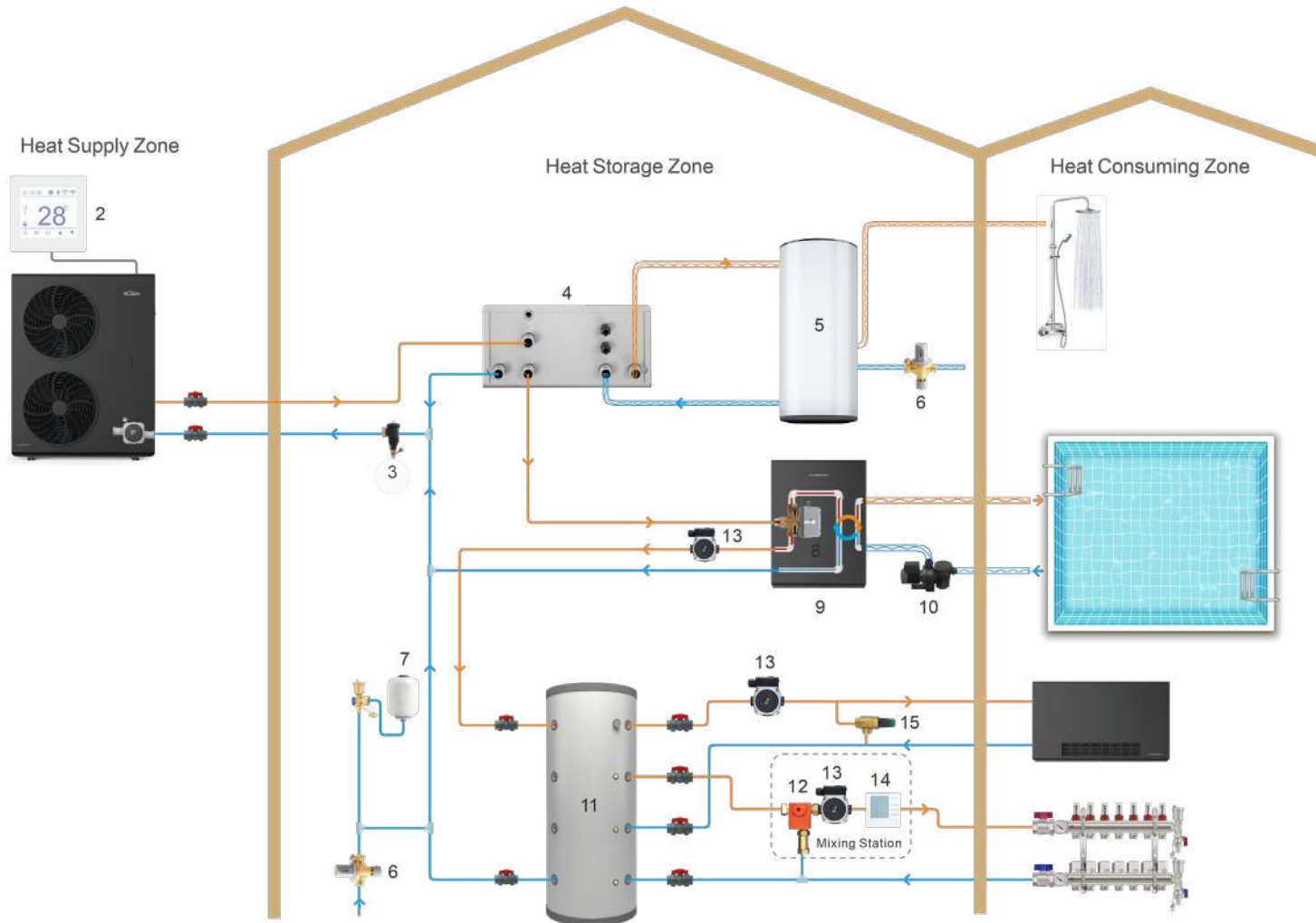
Quiet and efficient home heating/cooling function brings the ideal temperature to your house.



Cylinders provide hot water up to 65°C.



Multiple heat pump connections: floor heating, fan coils, or radiators.



- 1. Monobloc Unit
- 2. Controller ( Monobloc Unit )
- 3. Magnetic Particle Filter
- 4. Hydro Box
- 5. DHW Cylinder

- 6. Automatic Water Refill Valve
- 7. Expansion Vessel
- 8. 3 Way Electromagnetic Valve
- 9. Heat Exchanger for Pool
- 10. Circulation Water Pump

- 11. Buffer Tank
- 12. Mixer Valve
- 13. Circulation Pump
- 14. Controller ( Mixing Station )
- 15. Differential Pressure Bypass Valve

**ALSAVO INVERBOOST Air to Water Heat Pump for House heating / domestic hot water / pool heating, Plate heat exchanger, R32, Horizontal, CE standard, A+++**

Alsavo model		ALSAVO HEAT 07i	ALSAVO HEAT 10i	ALSAVO HEAT 12i	ALSAVO HEAT 16i	ALSAVO HEAT 12iT	ALSAVO HEAT 16iT	
Suggested buffer tank			60L	60L	60L/80L	80L/100L	60L/80L	80L/100L
Heating at Air 7°C, Water 30/35°C	Heating capacity	kW	7.21	10.11	12.03	16.52	12.00	16.18
	Power input	kW	1.53	2.38	2.62	3.91	2.58	3.62
	COP		4.70	4.25	4.59	4.23	4.65	4.47
Heating at Air 7°C, Water 50/55°C	Heating capacity	kW	7.15	9.73	11.97	16.22	12.00	15.83
	Power input	kW	2.49	3.21	3.89	6.12	3.90	4.99
	COP		2.87	3.03	3.08	2.65	3.08	3.17
Heating at Air -7°C, Water 30/35°C	Heating capacity	kW	3.98	6.53	7.74	10.71	7.50	10.71
	Power input	kW	1.27	2.16	2.45	3.52	2.37	3.49
	COP		3.14	3.02	3.16	3.04	3.17	3.07
Heating at Air -7°C, Water 50/55°C	Heating capacity	kW	3.68	6.83	7.60	10.80	7.40	10.86
	Power input	kW	1.73	3.10	3.41	5.40	3.66	5.43
	COP		2.13	2.20	2.23	2.00	2.02	2.00
Pool & SPA Side at Air 15°C, Water 28°C	Heating capacity	kW	8.79	8.70	8.77	8.88	6.5	9.62
	Power input	kW	1.35	1.44	1.46	1.47	0.96	1.58
	COP		6.51	6.04	6.01	6.04	6.78	6.09

**General Data**

Compressor type	Inverter compressor						
Power supply	V	220-240V/50Hz/1PH				380-415V/50Hz/3PH	
Rated heating capacity	kw	7	10	12	16	12	16
Max power input	kw	3.34	3.89	5.43	6.51	5.43	6.37
Rated current	A	14.0	16.0	23.0	26.0	12.0	12.0
Minimum fuse current	A	17.0	20.0	28.0	32.0	15.0	15.0
Suggested water flux	m³/h	1.2	1.7	2.1	2.8	2.1	2.8
Water connection		G1"	G1"	G1"	G1"	G1"	G1"
Sound pressure level (1m)	dB(A)	48	51	56.3	57.5	55.3	56.1
Sound pressure level (3m)	dB(A)	38	41.5	46.8	48	45.8	46.6
Heat exchanger	Plate heat exchanger						
Net weight	kg	70	76	99	107	99	107
Gross weight	kg	86	92	117	125	117	125
Net dimension	mm	1076*456*860	1076*456*860	1052*453*1260	1052*453*1260	1052*453*1260	1052*453*1260
Packing dimension	mm	1140*536*1005	1140*536*1005	1110*533*1405	1110*533*1405	1110*533*1405	1110*533*1405

\*The above data is only a reference. Please refer to the nameplate on the unit.

**ALSAVO INVERBOOST EVI Air to Water Heat Pump for House heating / domestic hot water / pool heating, Plate heat exchanger, R32, Horizontal, CE standard, A+++**

ALSAVO model		ALSAVO HEAT 10iu	ALSAVO HEAT 12iuT	ALSAVO HEAT 19iuT	ALSAVO HEAT 26iuT	
Suggested buffer tank		60L	60L/80L	80L/100L	80L/100L	
Heating at Air 7°C, Water 30/35°C	Heating capacity	kW	10.11	12.00	19.00	26.00
	Power input	kW	2.38	2.58	4.08	5.60
	COP		4.25	4.65	4.66	4.65
Heating at Air 7°C, Water 50/55°C	Heating capacity	kW	9.73	12.00	18.78	26.00
	Power input	kW	3.21	3.90	6.16	8.45
	COP		3.03	3.08	3.05	3.06
Heating at Air -7°C, Water 30/35°C	Heating capacity	kW	6.53	7.50	11.88	16.25
	Power input	kW	2.16	2.37	3.74	5.14
	COP		3.02	3.17	3.17	3.16
Heating at Air -7°C, Water 50/55°C	Heating capacity	kW	6.83	7.40	11.72	16.03
	Power input	kW	3.10	3.66	5.58	7.63
	COP		2.20	2.02	2.10	2.10
Heating at Air -15°C, Water 30/35°C	Heating capacity	kW	7.96	9.31	15.02	20.55
	Power input	kW	3.04	3.23	5.25	7.16
	COP		2.61	2.88	2.86	2.87
Heating at Air -15°C, Water 50/55°C	Heating capacity	kW	6.91	9.25	14.71	20.13
	Power input	kW	3.74	4.44	7.09	9.68
	COP		1.85	2.08	2.08	2.08
Heating at Air -22°C, Water 30/35°C	Heating capacity	kW	6.76	7.66	11.73	16.10
	Power input	kW	3.01	3.27	5.57	7.00
	COP		2.25	2.35	2.11	2.30
Heating at Air -22°C, Water 50/55°C	Heating capacity	kW	4.87	5.18	11.00	15.10
	Power input	kW	4.10	4.77	7.90	12.00
	COP		1.19	1.09	1.39	1.26

**General Data**

Compressor type		Inverter compressor			
Power supply	V	220-240V/50Hz/1PH	380-410V/50Hz/3PH		
Rated heating capacity	kw	10	12	19	26
Max Power Input	kw	3.68	4.61	6.58	8.56
Rated Current	A	16.0	6.0	10.0	13.0
Minimum fuse current	A	20.0	8.0	12.0	16.0
Suggested water flux	m³/h	1.7	2.1	3.3	3.8
Water connection		G1 "	G1 "	G1-1/4"	G1-1/4"
Sound pressure level (1m)	dB(A)	51	55.3	56.1	57.4
Sound pressure level (3m)	dB(A)	41.5	45.8	46.6	47.5
Heat exchanger		Plate heat exchanger			
Net weight	kg	76	99	125	145
Gross weight	kg	92	117	146	166
Net dimension	mm	1076*456*860	1052*453*1260	1190*440*1380	1255*460*1460
Packing dimension	mm	1140*536*1005	1110*533*1405	1230*520*1525	1355*550*1600

\*The data above are only for reference. Please refer to the nameplate on the unit.



**ALSAVO INVERBOOST Air to Water Heat Pump for House heating / domestic hot water / pool heating, Plate heat exchanger, R290, Horizontal, CE standard, A+++**

ALSAVO model		ALSAVO HEAT 07i9		ALSAVO HEAT 10i9		ALSAVO HEAT 12i9T		ALSAVO HEAT 16i9T	
Suggested buffer tank			60L	60L	60L/80L	80L/100L			
Heating at Air 7°C, Water 30/35°C	Heating capacity	kW	7.00	10.00	12.07	16.00			
	Power input	kW	1.56	2.22	2.68	3.56			
	COP		4.50	4.50	4.50	4.50			
Heating at Air 7°C, Water 50/55°C	Heating capacity	kW	7.00	10.00	12.00	16.00			
	Power input	kW	2.33	3.33	4.00	5.33			
	COP		3.00	3.00	3.00	3.00			
Heating at Air -7°C, Water 30/35°C	Heating capacity	kW	4.00	7.00	8.00	11.00			
	Power input	kW	1.29	2.26	2.58	3.55			
	COP		3.10	3.10	3.10	3.10			
Heating at Air -7°C, Water 50/55°C	Heating capacity	kW	4.00	7.00	8.00	11.00			
	Power input	kW	1.82	3.18	3.64	5.00			
	COP		2.20	2.20	2.20	2.20			

**General Data**

Compressor type		Inverter compressor			
Power supply		220-240V/50Hz/1PH		380-415V/50Hz/3PH	
Rated heating capacity	V	7	10	12	16
Max power input	kw	3.20	3.60	3.60	7.20
Rated current	kw	10.6	16.0	6.0	11.0
Minimum fuse current	A	14.0	20.0	9.0	14.0
Suggested water flux	A	1.2	1.7	2.1	2.8
Water connection	m³/h	G1"	G1"	G1"	G1-1/4"
Sound pressure level (1m)	dB(A)	51	55.3	56.1	56.3
Sound pressure level (3m)	dB(A)	41.5	45.8	46.6	46.8
Heat exchanger		Plate heat exchanger			
Net weight	kg	76	99	107	125
Gross weight	kg	92	117	125	146
Net dimension	mm	1076*456*860	1052*453*1260	1052*453*1260	1190*440*1380
Packing dimension	mm	1140*536*1005	1110*533*1405	1110*533*1405	1230*520*1525

\*The above data is only a reference. Please refer to the nameplate on the unit.



## FRANCE & GERMANY BRANCHES

The ALSAVO France and Germany centers, which are our support points in Europe, offer on-site technical training and rapid after-sales service to our customers.

With innovative technology, rigorous quality control, reliable design and after-sales service, Alsavo hopes to be your long-term partner.



\*After-sales service



\*Technical support



\*Product exhibition



\*Storage of spare parts

## Verified Reliability



EU KEYMARK



EU ErP



UK UKCA



UK MCS



GER TÜV



GER BAFA



GER SG Ready



ISO9001 Quality Management System



ISO14001 Environmental Management System



ISO45001 Occupational Health and Safety Management Systems



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