SEVRA

Innovative Climate Solutions

HEAT PUMPS CATALOGUE 2025

SPLIT | MONOBLOC | TANKS

TABLE OF CONTENTS

AIR HEAT PUMPS

SEVRA was introduced to the market in 2019. The brand was created and launched by WIENKRA, which has been a leader in the distribution of HVAC equipment in Poland for many years. The brand's offering includes innovative, energy-efficient, and reliable air conditioning systems and heat pumps designed for all types of buildings—residential, commercial, and industrial. SEVRA devices have been designed with the highest comfort and safety of use in mind. They combine functionality with modern, timeless design and are available at very attractive prices.

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The SEVRA heat pump was designed for users seeking eco-friendly and low-maintenance heating sources that are based entirely or partially on renewable energy. With the SEVRA heat pump, you can not only effectively heat your home and domestic water but also contribute to environmental protection. Its operating principle is based on a simple process—heat is extracted from the outside air and transferred to the water circulating in the building's heating system. Investing in a SEVRA heat pump not only saves you money but also ensures comfort and environmental care for many years to come.

THINK ABOUT HEATING

BUILDING A NEW HOME?

When planning the construction of a new home, it is crucial to make a key decision regarding the choice of an appropriate heating system. This important determination depends not only on our personal preferences but also on the applicable regulations and standards. Among modern and highly efficient sources of heating that meet stringent standards, air heat pumps hold a particularly high place in the hierarchy of preferences for Poles.

Importantly, for newly constructed buildings, it is worth considering that heat pumps connected to a photovoltaic system can provide a power source that incurs no additional costs. That is why investing in SEVRA heat pumps is not just a matter of comfortable heating for many years to come, but also a forward-thinking approach to savings and ecology in line with the latest standards.

MODERNIZING YOUR HOME?

In the era of tightened environmental regulations, when considering effective energy-related thermal modernization, investors most often opt for air heat pumps. This choice is driven by several factors, the most significant of which is the desire to achieve lower heating costs for the building. An additional advantage is the possibility of connecting the heat pump with a photovoltaic system, which allows for the generation of electricity from free solar energy.

The SEVRA heat pump is a cost-effective and eco-friendly alternative.

R32 REFRIGERANT

HIGH EFFICIENCY, EXCELLENT PERFORMANCE, AND SAFETY

- **Excellent performance**
- **High efficiency**
- **User friendly**
- **Environmental protection**

What is a refrigerant?

A refrigerant is an essential component of heat pumps, circulating in a closed cooling system, responsible for heat exchange between the environment and the components of the heat pump through thermodynamic transformations, with R32 standing out as an ecological, efficient, and safe solution.

What is the GWP coefficient?

GWP (Global Warming Potential) is an indicator that reflects the impact of a chemical substance on global warming after being released into the atmosphere. It is compared to the impact of CO_2 emissions, which has a GWP of 1. The refrigerant R410A, previously used in heat pumps, has a GWP of 2088, meaning that the release of 1 kg of this refrigerant is equivalent to emitting over two tons of carbon dioxide in terms of environmental impact.

What is the ODP coefficient?

ODP (Ozone Depletion Potential) is an indicator of the impact of a chemical substance on the ozone layer. The impact of 1 kg of R11 (CFC-11) is set as the reference unit (ODP=1). A higher ODP coefficient indicates a stronger effect on the ozone layer. The refrigerant R32 used in SEVRA heat pumps has an ODP of 0.

SEVRA heat pumps operate using the latest eco-friendly refrigerant R32, which, compared to the commonly used refrigerant R410A, offers greater efficiency and a lower global warming potential. It also does not contribute to ozone layer depletion.

ECOLOGICAL

The refrigerant R32 has a very low global warming potential (GWP) of 675. In comparison to the refrigerant R410A, which has a GWP of 2088, R32 has a relatively small impact on the natural environment—its effect on global warming is three times lower. It also does not negatively affect the ozone layer, as confirmed by its ODP of 0. Additionally, unlike R410A, R32 is a single-component refrigerant, which allows it to be recycled.

HIGHLY EFFICIENT

Due to its thermodynamic properties, the refrigerant R32 exhibits greater efficiency than R410A, which translates into more efficient cooling and air conditioning devices. The installation requires a smaller amount of refrigerant, and R32 can enhance the energy efficiency of the unit by up to 10%.

SAFE

Due to its low toxicity and properties that reduce potential fire hazards, the refrigerant R32 is widely regarded as safe and has therefore been used in many cooling and air conditioning devices.

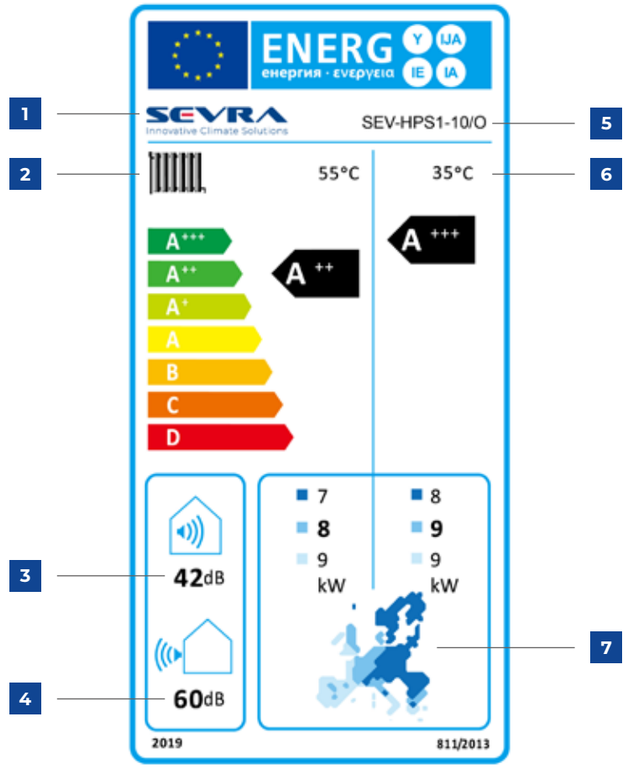
HIGH ENERGY EFFICIENCY

RELIABLE OPERATION

Thanks to the use of a high-efficiency compressor with advanced inverter technology and the eco-friendly refrigerant R32, SEVRA heat pumps achieve the highest energy efficiency parameters. They provide reliable, efficient operation while maintaining low energy consumption. The devices meet all European Union requirements for energy efficiency.

ENERGY LABEL

According to EU Directive 2010/30/EU, all electrical household appliances sold in the European Union must be equipped with an energy label that provides information about the product's energy class and key operating parameters, such as energy consumption and noise level.



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ENERGY LABEL

1. Brand name
2. Energy efficiency class in heating mode when supplying the water system with water at a temperature of 55°C.
3. Noise level (dB) - indoor unit
4. Noise level (dB) - outdoor unit
5. Name of the outdoor and indoor unit model
6. Energy efficiency class in heating mode when supplying the water system with water at a temperature of 35°C.
7. Three climatic zones

ADVANCED TECHNOLOGICAL, ECO-FRIENDLY SOLUTIONS IMPLEMENTED FROM THE PRODUCTION PROCESS TO THE FINAL PRODUCT SPECIFICATION

By using a high-efficiency compressor with advanced inverter technology and the eco-friendly refrigerant R32, SEVRA heat pumps achieve the highest energy efficiency parameters. They provide reliable, efficient operation while maintaining low energy consumption. The devices meet all European Union requirements for energy efficiency.

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MODERN ECO-FRIENDLY TECHNOLOGY

CHOOSING HEAT PUMPS

YOU MAKE THE RIGHT DECISION

The intelligent technology of heat pumps is based on utilizing heat accumulated in the air and delivering it to the heating circuit. This process relies on energy from the environment (up to 75%), while the remaining part is supplemented by electricity (approximately 25%).

YOU CHOOSE ECONOMICAL SOLUTION

The operating cost of a heat pump is really low, mainly due to its high energy efficiency. That is why heat pumps are the most attractive solution when it comes to minimizing operating costs and ensuring thermal comfort throughout the year.

YOU CHOOSE ECOLOGICAL SOLUTION

The heat pump, being a completely emission-free source of heat, effectively contributes to the reduction of smog and does not negatively impact the air quality around the building. Compared to traditional heating systems, the heat pump is significantly more energy-efficient.

YOU ENSURE HEAT AND COMFORT ALL YEAR ROUND

The heat pump primarily serves as a continuous source of heat, functioning to both heat and cool the building and to heat domestic water throughout the year. With the in-built Wi-Fi module, it allows for convenient control of the device from anywhere on Earth.

YOU PRIORITISE THE HIGHEST COMFORT

If you expect the highest thermal comfort in your home, then a heat pump is the ideal choice. The ability to efficiently adjust the temperature in the rooms and regulate the parameters of domestic hot water ensures comfort throughout the year.

YOU CARE ABOUT HEALTH AND SAFETY OF YOUR FAMILY

Heat pumps do not emit any harmful substances into the environment, making them eco-friendly sources of heat that support the fight against smog. Moreover, they are completely safe and do not pose a fire hazard, unlike traditional heating systems.

ADVANTAGES OF HEAT PUMPS

R32 REFRIGERANT

The refrigerant R32 is characterized by a very low global warming potential (GWP) of 675, which puts it in a favourable position compared to R410A, which has a GWP of 2088. R32 has a significantly lower impact on the environment, as its effect on global warming is three times smaller.

OPERATION DOWN TO-25°C

The efficiency and operation of the heat pump depend on the outside temperature. However, there is no risk that a frosty winter will leave us without heating. Heating systems based on heat pumps operate year-round. SEVRA heat pumps work optimally at external temperatures reaching as low as -25°C.

HEALTH OF YOUR FAMILY

Heat pumps do not produce any substances harmful to the environment. They reduce carbon dioxide emissions into the atmosphere. These are safe sources of heat that support the fight against smog. An additional advantage of heat pumps is that they are 100% safe and do not pose a fire hazard, unlike traditional heating systems.

SAFE INVESTMENT FOR YEARS

Air heat pumps are often chosen by Poles as a modern and economical source of heat that meets strict standards. In newly built homes, heat pumps combined with photovoltaic systems provide a source of free energy.

That is why SEVRA heat pumps are a safe investment for years to come.

DOMESTIC HOT WATER UP TO 60°C

The SEVRA heat pump is capable of preparing domestic hot water at temperatures of up to 60°C, even at extremely low outdoor temperatures. Thanks to its advanced technology, the SEVRA heat pump ensures the ideal water temperature regardless of weather conditions.

VERY QUIET OPERATION

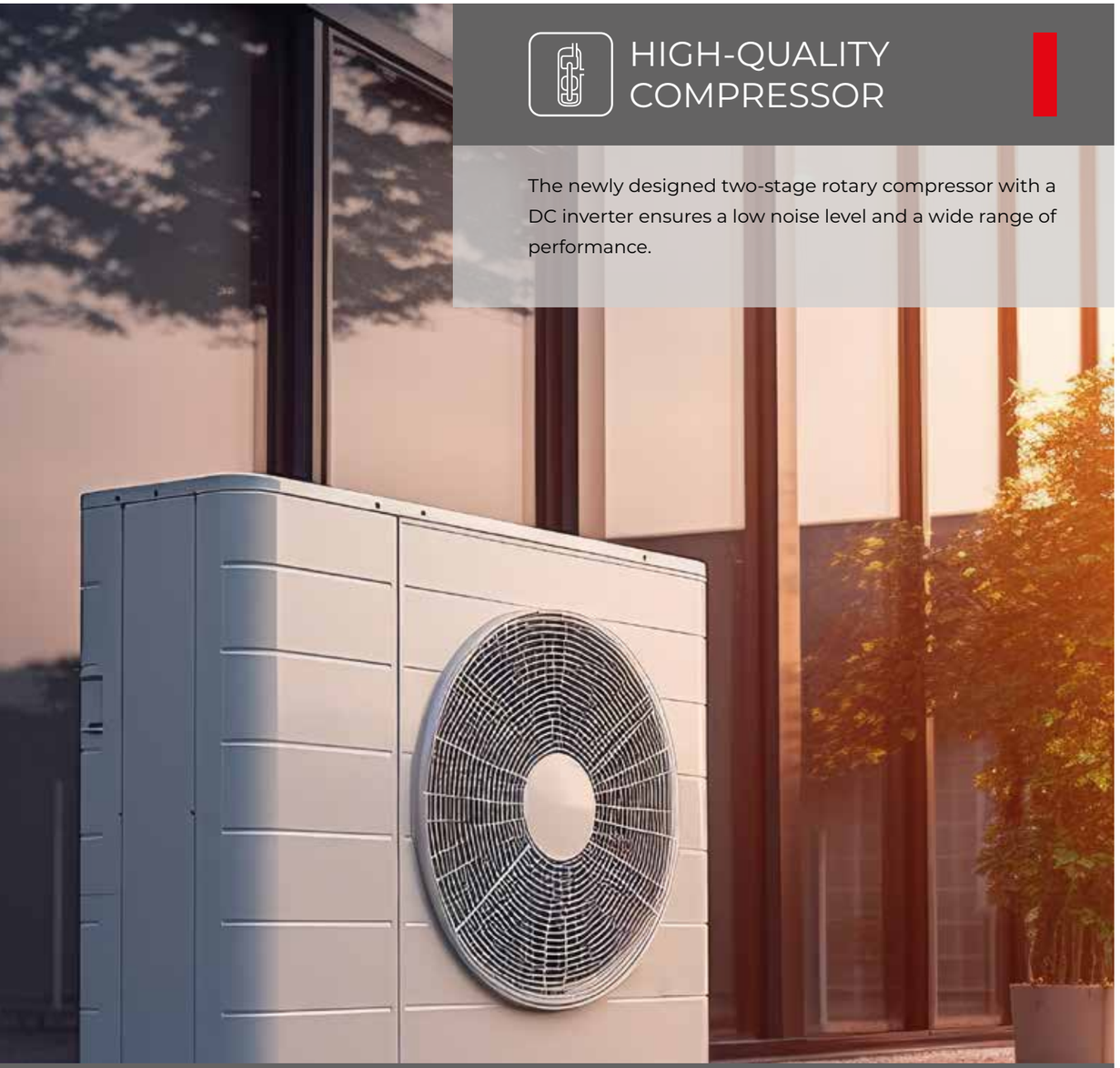
The units in SEVRA heat pumps are characterized by a low sound pressure level that does not exceed 53 dB(A). Two quiet operation modes significantly reduce the noise generated by the compressor and fan, providing a more tranquil environment.

TWO-ZONE CONTROL

The function allows for different temperature parameters to be set for two independent central heating circuits, such as underfloor heating and radiators. This is an extremely convenient and functional option that enables quick attainment of the desired temperature in different rooms.

HIGH-EFFICIENCY WATER PUMP

SEVRA pumps are equipped with a water pump with a lift height of 9 meters, which means that in the majority of installations, there is no need for an additional external circulation pump, thus reducing the installation investment cost.



HIGH-QUALITY COMPRESSOR

The newly designed two-stage rotary compressor with a DC inverter ensures a low noise level and a wide range of performance.

BRUSHLESS DC FAN MOTOR

The innovative BLDC fan motor with step-less regulation excellently supports heating and cooling processes, ensuring quiet operation and minimal energy consumption. It provides efficiency and comfort by focusing on delivering effective air conditioning and heating with minimal noise and energy use.

SMART GRID READY

SEVRA heat pumps, in accordance with the SG Ready designation, feature advanced control systems that enable their integration into smart electrical grids through appropriate control mechanisms. This means that these heat pumps are fully prepared to collaborate with intelligent energy solutions.

IN-BUILT WI-FI MODULE

SEVRA heat pumps come with a built-in Wi-Fi module as standard. Controlling the device via the app is simple and convenient. The app offers a wide range of features, allowing users to monitor operating parameters and control the device using a smartphone or tablet.

ANTI-FREEZE FUNCTION

The anti-freeze program protects the hydraulic components from damage. The anti-freeze protection function has the highest priority compared to other functions, except for the performance test function.

BACTERIA DISINFECTION

Legionella pneumophila bacteria thrive in water and reproduce rapidly, particularly in water and air conditioning systems. The growth of these bacteria in drinking water can pose a health risk. The Sevra heat pump features a function elimination bacteria using an additional heater.

DIRECT HOT WATER FUNCTION

The term DHW comes from English and stands for “domestic hot water,” which refers to heated water for household use. In the case of SEVRA heat pumps, this function is used to force the system to operate in hot water mode when the user urgently needs hot water.

HIGH COEFFICIENT OF PERFORMANCE

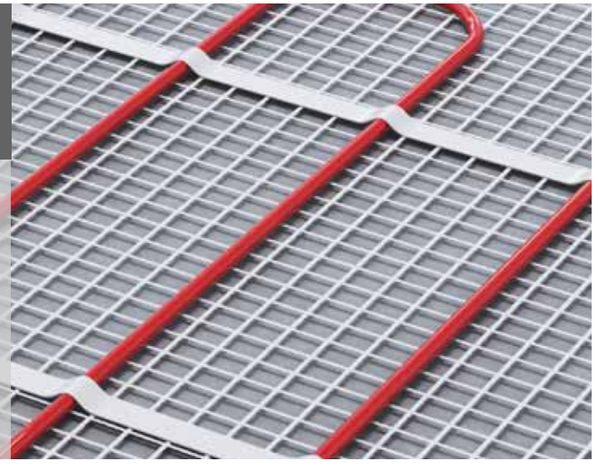
By using top-quality components, ECOs HEAT heat pumps achieve the highest performance and energy efficiency parameters. They ensure reliable operation while consuming minimal energy. SEVRA devices meet all energy-saving requirements.

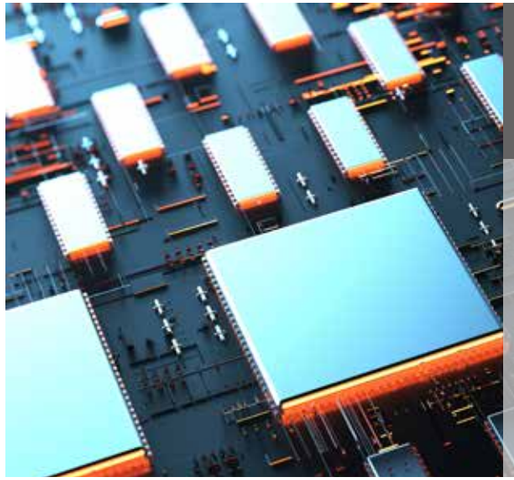
AUTO ADAPTATION OF WATER TEMPERATURE

A heat pump is an advanced device that is becoming an increasingly popular choice for heating and cooling buildings. One of its key advantages is its ability to automatically define and maintain the optimal water temperature to ensure the highest level of comfort for users.

UNDERFLOOR HEATING

Underfloor heating, also known as surface heating, is gaining increasing popularity in homes and commercial buildings. It is a cost-effective heating solution for several reasons: it provides greater thermal comfort, saves energy, reduces heat loss, and has a longer lifespan than traditional radiators.





INVERTER TECHNOLOGY

Inverter technology is an advanced technology used in various types of electrical devices, such as air conditioners, heat pumps, refrigerators, and many others. It allows for smooth regulation of the device's performance, which offers many benefits in terms of energy savings and user comfort.

ECO MODE

The ECO mode in SEVRA heat pumps is a setting designed to save energy by optimizing the device's operation. In this mode, the heat pump operates more economically, adjusting the heating power to current conditions and heat demand. As a result, users can enjoy thermal comfort while reducing electricity consumption, leading to financial savings and a positive impact on the environment.

WORLD CLASS QUALITY

Thanks to the use of top-quality components, ECOs HEAT heat pumps achieve the highest performance and energy efficiency parameters. They provide reliable operation while consuming minimal energy. SEVRA devices meet all energy-saving requirements.

ENERGY EFFICIENCY A+++

A high energy efficiency class of A+++ is currently one of the key criteria when choosing electrical appliances and devices. This indicates that a product is not only efficient but also environmentally friendly and economical in terms of energy consumption.

SAFETY

Heat pumps are a safe source of heating because they do not rely on the combustion of fossil fuels, which eliminates the risk of explosions or the emission of toxic gases. Additionally, heat pumps operate by harnessing thermal energy from the environment, meaning there is no need to store or transport hazardous substances. Furthermore, modern heat pumps are equipped with advanced monitoring and safety systems, which enhance their reliability and minimize the risk of failure. These features make heat pumps a safe and environmentally friendly solution for heating and cooling buildings.

VERSATILE APPLICATION

The SEVRA heat pump is a versatile device that can efficiently work with various types of heat receivers, making it an ideal solution for both residential and commercial applications. Additionally, SEVRA heat pumps can be used in bivalent systems, where they collaborate with other heat sources, such as gas boilers or solar installations. In such cases, the heat pump can serve as the primary heat source, while other devices provide support during extremely low temperatures or during maintenance.

EMISSION-FREE

Heat pumps are emission-free devices, meaning they do not generate harmful gas emissions for the environment or human health during operation. The emission-free nature of heat pumps is due to the application of thermodynamic principles and heat transfer processes, which do not require the combustion of fossil fuels, such as gas or heating oil, to provide heating or cooling for buildings.

FAST INSTALLATION

Fast installation of heat pumps is a significant advantage for building owners. The installation process is much shorter than that of traditional heating systems, which minimizes disruptions and inconveniences associated with installation work. This also reduces labour costs and makes life easier for residents.

LOW OPERATING COSTS

The SEVRA heat pump is characterized by extremely low operating costs, which result from its exceptional energy efficiency. This makes heat pumps the most attractive solution for minimizing operational costs.

LOW MAINTENANCE

SEVRA heat pumps are low-maintenance and easy to maintain, requiring minimal repairs or user intervention. This saves time and money by avoiding the need for regular supervision. They provide a stable temperature in indoor spaces, minimizing costs and complications. This makes them a convenient, economical, and comfortable solution for users.

DAILY AND WEEKLY SCHEDULE

The heat pump operates according to a pre-set schedule that can be adjusted by the user or installer. This convenient solution allows users to maintain thermal comfort throughout the year, enabling personalized settings that align with their individual preferences and needs, regardless of the season.

HOLIDAY MODE

The vacation function protects the device from frost during the user's absence. By activating it, the unit operates in heating mode or prepares domestic hot water (DHW) at a low set temperature (default 25°C, range: 20-25°C) within a specified time frame.

EASY UPDATES

Updating the software of the indoor units is done very easily using a USB storage device. Additionally, the installer can quickly copy settings from one controller to another via USB, which reduces on-site installation time.

POLISH LANGUAGE

Each hydrobox of the SEVRA heat pump features a built-in touch controller that is available in Polish. If needed, this controller can be removed from the device and installed in a chosen location.

AMAZING PRICE

SEVRA ECOs HEAT heat pumps represent an extremely attractive option, where a wealth of available features is paired with affordable prices.

MODERN AND ECO-FRIENDLY HEATING FOR YOUR HOME

SPLIT CONCEPT

SEVRA HEAT PUMPS

Excellent efficiency

- High energy efficiency.
- High heating performance at low temperatures.
- Wide operating range.
- Two heating circuits.

User comfort

- Controller with an intuitive interface in Polish.
- Custom Wi-Fi control solution.
- Reduced noise level.
- Vacation mode.

Easy installation and maintenance

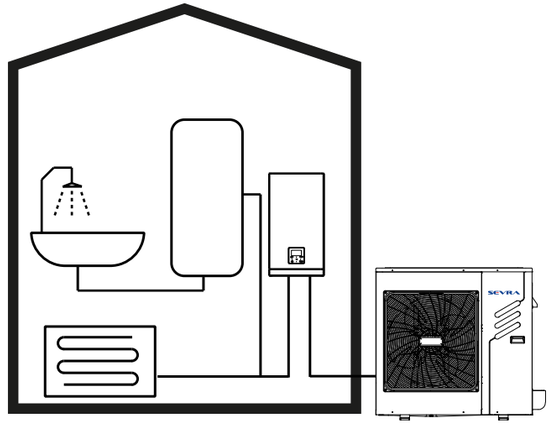
- Easy start-up using a wired controller.
- Greater safety of use at lower outdoor temperatures.

SEVRA Split Heat Pump

In SEVRA ECOs HEAT split heat pumps, there are two separate units: one located inside the building and the other outside. These two units are connected through a system containing refrigerant, which enables effective heat exchange between the interior and the environment of the building.

Key components, such as the heat exchanger, expansion tank, and water pump, are housed inside the indoor unit of the system.

This solution not only ensures the efficient operation of the system but also significantly reduces the likelihood of water freezing, thanks to the placement of all heating-related pipes and water lines within the building structure.



ECOs HEAT SPLIT ONYX HEAT PUMP

FEATURES AND FUNCTIONS OF HEAT PUMP

ECOLOGY

- R32 refrigerant
- ECO mode
- Emission-free
- Hands-free
- Low operating costs
- Safety

COMFORT

- Bacteria disinfection with a tank heater
- Domestic Hot Water setting to 60°C.
- Very quiet operation

CONVENIENCE

- Underfloor heating
- Auto adaptation of water temperature
- In-built Wi-Fi module
- Fast Direct Hot Water

TECHNOLOGY

- Energy efficiency A+++
- Inverter Technology
- Quick installation
- Smart Grid
- Versatile application
- Holiday mode

SPLIT PRODUCT RANGE

Category	Unit	Efficiency [kW]			
		4	6	8	10
Single phase model (V/~/Hz) 220-240/1/50	Indoor	SEV-ACHP1-04-I	SEV-ACHP1-06-I	SEV-ACHP3-08-I*	SEV-ACHP3-10-I*
	Outdoor	SEV-ACHP1-04-O	SEV-ACHP1-06-O	SEV-ACHP1-08-O	SEV-ACHP1-10-O
		12	14	16	
Three phase model (V/~/Hz) 380-415/3/50	Indoor	SEV-ACHP3-12-I	SEV-ACHP3-14-I	SEV-ACHP3-16-I	
	Outdoor	SEV-ACHP3-12-O	SEV-ACHP3-14-O	SEV-ACHP3-16-O	

* Option to connect to three-phase power supply

TECHNICAL SPECIFICATIONS

				SINGLE-PHASE	
Outdoor unit				**SEV-ACHP1-04-O**	**SEV-ACHP1-06-O**
Heating A7/W35 (1)	Efficiency	kW		4,30	6,25
	Power consumption	kW		0,83	1,30
	COP	-		5,18	4,81
Heating A7/W55 (2)	Efficiency	kW		4,36	6,40
	Power consumption	kW		1,47	2,13
	COP	-		2,97	3,00
Cooling A35/W18 (3)	Efficiency	kW		4,50	6,60
	Power consumption	kW		0,81	1,35
	EER	-		5,56	4,90
Cooling A35/W7 (4)	Efficiency	kW		4,75	7,05
	Power consumption	kW		1,40	2,35
	EER	-		3,40	3,00
Seasonal energy efficiency class: heating (5)	LTW = 35°C	-		A+++	A+++
	LTW = 55°C	-		A++	A++
SCOP (6)	LTW = 35°C	-		4,86	4,92
	LTW = 55°C	-		3,34	3,41
Power		V/~/Hz		220-240/1/50	220-240/1/50
Maximum overcurrent protection		A		18	18
Sound pressure level (1m)		dB(A)		38	38
Device dimensions (length x height x width)		mm		350 x 700 x 900	350 x 700 x 900
Packaging dimensions (length x height x width)		mm		430 x 770 x 1020	430 x 770 x 1020
Unit weight (net / gross)		kg		51/55	51/55
Compressor		-		Dual Rotary DC Inverter	Dual Rotary DC Inverter
Outdoor unit fan	Motor type	-		Brushless DC motor	Brushless DC motor
	Number of fans	-		1	1
Type of expansion valve		-		Electronic	Electronic
Refrigeration installation	Diameter of liquid / gas connection	mm		Φ9.52/15.9	Φ9.52/15.9
	Min. / max. installation length	m		2/30	2/30
R32 refrigerant		kg		1,10	1,10
Height difference of the installation		m		20	20
Operating Range in External Temperatures	Cooling	°C		-5 ~ 52	-5 ~ 52
	Heating	°C		-25 ~ 35	-25 ~ 35
	DHW	°C		-25 ~ 43	-25 ~ 43
Water supply temperature range	Cooling	°C		5 ~ 25	5 ~ 25
	Heating	°C		25 ~ 65	25 ~ 65
	DHW	°C		30 ~ 60	30 ~ 60
Minimum water flow		m^3/h		0,36	0,36
Indoor unit					
Compatible with outdoor units				SEV-ACHP1-04-O	SEV-ACHP1-06-O
Sound pressure level		dB(A)		30	30
Device dimensions (length x height x width)		mm		420 x 790 x 270	420 x 790 x 270
Unit weight (net / gross)		kg		38/44	38/44
Electric heater	Efficiency	kW		3	3
	Degrees	-		2	2
Water supply temperature range	Cooling	°C		5 ~ 25	5 ~ 25
	Heating	°C		25 ~ 65	25 ~ 65
	DHW	°C		30 ~ 60	30 ~ 60
Water connection	Inch			R1"	R1"
Refrigeration connection				3/8" / 5/8"	3/8" / 5/8"
Water-side heat exchanger	Type			Plate	Plate
Water pump	Type			DC Inverter	DC Inverter
	Lifting height	m		9	9
Expansion tank	Capacity	L		8	8
Safety valve		Mpa		0,3	0,3

				SINGLE-PHASE		THREE-PHASE		
Outdoor unit				**SEV-ACHP1-08-O**	**SEV-ACHP1-10-O**	**SEV-ACHP3-12-O**	**SEV-ACHP3-14-O**	**SEV-ACHP3-16-O**
Heating A7/W35 (1)	Efficiency	kW		8,40	10,00	12,20	14,50	16,10
	Power consumption	kW		1,62	2,00	2,46	3,08	3,57
	COP	-		5,20	5,00	4,96	4,71	4,51
Heating A7/W55 (2)	Efficiency	kW		8,30	10,00	12,00	14,00	16,10
	Power consumption	kW		2,60	3,23	3,86	4,67	5,53
	COP	-		3,19	3,10	3,11	3,00	2,91
Cooling A35/W18 (3)	Efficiency	kW		8,45	10,00	12,00	13,60	15,00
	Power consumption	kW		1,67	2,08	3,00	3,78	4,41
	EER	-		5,06	4,80	4,00	3,60	3,40
Cooling A35/W7 (4)	Efficiency	kW		7,45	8,30	11,70	12,80	14,00
	Power consumption	kW		2,20	2,52	4,30	5,00	5,70
	EER	-		3,39	3,30	2,75	2,56	2,46
Seasonal energy efficiency class: heating (5)	LTW = 35°C	-		A+++	A+++	A+++	A+++	A+++
	LTW = 55°C	-		A++	A++	A++	A++	A++
SCOP (6)	LTW = 35°C	-		5,08	5,07	4,82	4,72	4,83
	LTW = 55°C	-		3,38	3,44	3,48	3,45	3,45
Power		V/~/Hz		220-240/1/50	220-240/1/50	380-415/3/50	380-415/3/50	380-415/3/50
Maximum overcurrent protection		A		19	19	14	14	14
Sound pressure level (1m)		dB(A)		45	48	49	50	54
Device dimensions (length x height x width)		mm		395 x 805 x 970	395 x 805 x 970	480 x 870 x 1060	480 x 870 x 1060	480 x 870 x 1060
Packaging dimensions (length x height x width)		mm		495 x 895 x 1105	495 x 895 x 1105	545 x 980 x 1100	545 x 980 x 1100	545 x 980 x 1100
Unit weight (net / gross)		kg		65/69	65/69	88/94	88/94	88/94
Compressor		-		Dual Rotary DC Inverter	Dual Rotary DC Inverter	Dual Rotary DC Inverter	Dual Rotary DC Inverter	Dual Rotary DC Inverter
Outdoor unit fan	Motor type	-		Brushless DC motor	Brushless DC motor	Brushless DC motor	Brushless DC motor	Brushless DC motor
	Number of fans	-		1	1	1	1	1
Type of expansion valve		-		Electronic	Electronic	Electronic	Electronic	Electronic
Refrigeration installation	Diameter of liquid / gas connection	mm		Φ9.52/15.9	Φ9.52/15.9	Φ9.52/15.9	Φ9.52/15.9	Φ9.52/15.9
	Min. / max. installation length	m		2/30	2/30	2/30	2/30	2/30
R32 refrigerant		kg		1,45	1,45	1,84	1,84	1,84
Height difference of the installation		m		20	20	20	20	20
Operating Range in External Temperatures	Cooling	°C		-5 ~ 52	-5 ~ 52	-5 ~ 52	-5 ~ 52	-5 ~ 52
	Heating	°C		-25 ~ 35	-25 ~ 35	-25 ~ 35	-25 ~ 35	-25 ~ 35
	DHW	°C		-25 ~ 43	-25 ~ 43	-25 ~ 43	-25 ~ 43	-25 ~ 43
Water supply temperature range	Cooling	°C		5 ~ 25	5 ~ 25	5 ~ 25	5 ~ 25	5 ~ 25
	Heating	°C		25 ~ 65	25 ~ 65	25 ~ 65	25 ~ 65	25 ~ 65
	DHW	°C		30 ~ 60	30 ~ 60	30 ~ 60	30 ~ 60	30 ~ 60
Minimum water flow		m^3/h		0,60	0,60	0,60	0,60	0,60
Indoor unit								
Compatible with outdoor units				SEV-ACHP1-08-O	SEV-ACHP1-10-O	SEV-ACHP3-12-O	SEV-ACHP3-14-O	SEV-ACHP3-16-O
Sound pressure level		dB(A)		31	31	31	31	31
Device dimensions (length x height x width)		mm		420 x 790 x 270	420 x 790 x 270	420 x 790 x 270	420 x 790 x 270	420 x 790 x 270
Unit weight (net / gross)		kg		39/45	39/45	39/45	39/45	39/45
Electric heater	Efficiency	kW		9	9	9	9	9
	Degrees	-		2	2	2	2	2
Water supply temperature range	Cooling	°C		5 ~ 25	5 ~ 25	5 ~ 25	5 ~ 25	5 ~ 25
	Heating	°C		25 ~ 65	25 ~ 65	25 ~ 65	25 ~ 65	25 ~ 65
	DHW	°C		30 ~ 60	30 ~ 60	30 ~ 60	30 ~ 60	30 ~ 60
Water connection	Inch			R1"	R1"	R1"	R1"	R1"
Refrigeration connection				3/8" / 5/8"	3/8" / 5/8"	3/8" / 5/8"	3/8" / 5/8"	3/8" / 5/8"
Water-side heat exchanger	Type			Plate	Plate	Plate	Plate	Plate
Water pump	Type			DC Inverter	DC Inverter	DC Inverter	DC Inverter	DC Inverter
	Lifting height	m		9	9	9	9	9
Expansion tank	Capacity	L		8	8	8	8	8
Safety valve		Mpa		0,3	0,3	0,3	0,3	0,3

(1) Outside temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C.
(2) Outside temperature 7°C DB, 85% R.H.; EWT 40°C, LWT 45°C.
(3) Outside temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C.
(4) Outside temperature 35°C DB, EWT 23°C, LWT 18°C.
(5) Outside temperature 35°C DB, EWT 12°C, LWT 7°C.
(6) Seasonal energy efficiency class measured under average climatic conditions. Relevant EU standards and regulations: EN14511; EN14825, EN50564; EN12102.

ECOs HEAT IVORY HEAT PUMP

FEATURES AND FUNCTIONS OF HEAT PUMPS

ECOLOGY

- R32 refrigerant
- Daily and weekly schedule
- -25°C — Operates down to -25°C
- Anti-Freeze function
- High-Efficiency Pump

COMFORT

- Bacteria Disinfection
- 60°C — Domestic Hot Water setting to 60°C.
- Very quiet operation

CONVENIENCE

- In-built Wi-Fi module
- Fast Direct Hot Water
- Two-zone control

TECHNOLOGY

- A+++ — Energy efficiency A+++
- DC INVERTER — Inverter Technology
- SG — Smart Grid
- Holiday mode
- High-quality compressor
- PL — Polish language
- Easy updates

SPLIT PRODUCT RANGE

Category	Unit	Efficiency [kW]			
		4	6	8	10
Single phase model (V/~/Hz) 220-240/1/50	Indoor	SEV-MHPS3-06/I		SEV-MHPS3-10/I	
	Outdoor	SEV-HPS1-04/O	SEV-HPS1-06/O	SEV-HPS1-08/O	SEV-HPS1-10/O
		12	14	16	
Three phase model (V/~/Hz) 380-415/3/50	Indoor	SEV-MHPS3-16/I			
	Outdoor	SEV-HPS3-12/O	SEV-HPS3-14/O	SEV-HPS3-16/O	

TECHNICAL SPECIFICATIONS

			SINGLE-PHASE	
Outdoor unit			**SEV-HPS1-04/O**	**SEV-HPS1-06/O**
Heating A7/W35 (1)	Efficiency	kW	4.25	6.20
	Power consumption	kW	0.82	1.24
	COP	-	5.20	5.00
Heating A7/W45 (2)	Efficiency	kW	4.35	6.35
	Power consumption	kW	1.14	1.69
	COP	-	3.80	3.75
Heating A7/W55 (3)	Efficiency	kW	4.40	6.00
	Power consumption	kW	1.49	2.00
	COP	-	2.95	3.00
Cooling A35/W18 (4)	Efficiency	kW	4.50	6.55
	Power consumption	kW	0.81	1.34
	EER	-	5.55	4.90
Cooling A35/W7 (5)	Efficiency	kW	4.70	7.00
	Power consumption	kW	1.36	2.33
	EER	-	3.45	3.00
Seasonal energy efficiency class: heating (6)	LTW = 35°C	-	A+++	A+++
	LTW = 55°C	-	A++	A++
SCOP (moderate climate)	LTW = 35°C	-	4.85	4.95
	LTW = 55°C	-	3.31	3.52
SEER (moderate climate)	LTW = 7°C	-	4.99	5.34
	LTW = 18°C	-	7.77	8.21
Power		V/~/Hz	220-240/1/50	220-240/1/50
Maximum overcurrent protection		A	18.0	18.0
Rated current		A	12.0	14.0
Sound power level		dB(A)	56	58
Sound pressure level (1m)		dB(A)	44.1	46.4
Device dimensions (length x height x width)		mm	1008 x 712 x 426	1008 x 712 x 426
Device weight		kg	58	58
Compressor		-	Dual Rotary DC Inverter	Dual Rotary DC Inverter
Type of expansion valve		-	Electronic	Electronic
Refrigeration connection		-	1/4" - 5/8"	1/4" - 5/8"
Refrigerant	Type (GWP)	-	R32 (675)	R32 (675)
	Quantity	kg	1.50	1.50
Installation length without refrigerant charging		m	15	15
Additional refrigerant quantity		g/m	20	20
Maximum installation length		m	30	30
Height difference between units		m	20	20
Operating range (outdoor air)	Cooling	°C	-5~43	-5~43
	Heating	°C	-25~35	-25~35
	DHW	°C	-25~43	-25~43

Indoor unit			**SEV-MHPS3-06/I**
Compatible with outdoor units			SEV-HPS1-04/O SEV-HPS1-06/O
Power		V/~/Hz	380-415/3/50
Maximum Overcurrent Protection		A	14,3
Sound power level		dB(A)	38
Sound pressure level		dB(A)	28
Device dimensions (length x height x width)		mm	420 x 790 x 270
Device weight		kg	37
Electric heater	Efficiency	kW	9
	Degrees	-	3
Water supply temperature range	Cooling	°C	5-25
	Heating	°C	25-65
	DHW	°C	40-60
Water connection		-	R1"
Refrigeration connection		-	1/4"
Water-side heat exchanger	Type	-	Plate
Water pump	Type	-	DC Inverter
	Lifting height	m	9
Expansion tank	Capacity	L	8
Safety valve		Mpa	0.3

	SINGLE-PHASE		THREE-PHASE		
SEV-HPS1-08/O	**SEV-HPS1-10/O**	**SEV-HPS3-12/O**	**SEV-HPS3-14/O**	**SEV-HPS3-16/O**
8.30	10.00	12.10	14.50	16.00
1.60	2.00	2.44	3.09	3.56
5.20	5.00	4.95	4.70	4.50
8.20	10.00	12.30	14.20	16.00
2.08	2.63	3.24	3.89	4.44
3.95	3.80	3.80	3.65	3.60
7.50	9.50	12.00	13.80	16.00
2.36	3.06	3.87	4.60	5.52
3.18	3.10	3.10	3.00	2.90
8.40	10.00	12.00	13.50	14.20
1.66	2.08	3.00	3.74	3.94
5.05	4.80	4.00	3.61	3.61
7.40	8.20	11.60	12.70	14.00
2.19	2.48	4.22	4.98	5.71
3.38	3.30	2.75	2.55	2.45
A+++	A+++	A+++	A+++	A+++
A++	A++	A++	A++	A++
5.21	5.19	4.81	4.72	4.62
3.36	3.49	3.45	3.47	3.41
5.83	5.98	4.86	4.83	4.67
8.95	8.78	7.04	6.85	6.71
220-240/1/50	220-240/1/50	380-415/3/50	380-415/3/50	380-415/3/50
19.0	19.0	14.0	14.0	14.0
16.0	17.0	9.0	10.0	11.0
59	60	64	65	68
47.3	49.8	52.0	52.2	52.6
1118 x 865 x 523	1118 x 865 x 523	1118 x 865 x 523	1118 x 865 x 523	1118 x 865 x523
77	77	112	112	112
Dual Rotary DC Inverter	Dual Rotary DC Inverter	Dual Rotary DC Inverter	Dual Rotary DC Inverter	Dual Rotary DC Inverter
Electronic	Electronic	Electronic	Electronic	Electronic
3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"
R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)
1.65	1.65	1.84	1.84	1.84
15	15	15	15	15
38	38	38	38	38
30	30	30	30	30
20	20	20	20	20
-5~43	-5~43	-5~43	-5~43	-5~43
-25~35	-25~35	-25~35	-25~35	-25~35
-25~43	-25~43	-25~43	-25~43	-25~43

SEV-MHPS3-10/I	**SEV-MHPS3-16/I**
SEV-HPS1-08/O SEV-HPS1-10/O	SEV-HPS3-12/O SEV-HPS3-14/O SEV-HPS3-16/O
380-415/3/50	380-415/3/50
14	14
42	43
30	32
420 x 790 x 270	420 x 790 x 270
37	39
9	9
3	3
5-25	5-25
25-65	25-65
40-60	40-60
R1"	R1"
3/8" - 5/8"	3/8" - 5/8"
Plate	Plate
DC Inverter	DC Inverter
9	9
8	8
0.3	0.3

(1) Outside temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C.
(2) Outside temperature 7°C DB, 85% R.H.; EWT 40°C, LWT 45°C.
(3) Outside temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C.

(4) Outside temperature 35°C DB, EWT 23°C, LWT 18°C.
(5) Outside temperature 35°C DB, EWT 12°C, LWT 7°C.
(6) Seasonal energy efficiency class measured under average climatic conditions. Relevant EU standards and regulations: EN14511; EN14825; EN50564; EN12102.

SPLIT

HEAT ECOs HEAT PUMP WITH IN-BUILT TANK

FEATURES AND FUNCTIONS OF HEAT PUMP

ECOLOGY

- R32 refrigerant
- Daily and weekly schedule
- Operates down to -25°C
- Anti-Freeze Function
- High-Efficiency Pump

COMFORT

- Bacteria Disinfection
- Domestic Hot Water setting to 60°C.
- Very quiet operation

CONVENIENCE

- In-built Wi-Fi module
- Fast Direct Hot Water
- Two-zone control

TECHNOLOGY

- Energy efficiency A+++
- Inverter Technology
- Smart Grid
- Holiday mode
- High-quality compressor
- Polish language
- Easy updates

SPLIT WITH IN-BUILT PRODUCT RANGE

Category	Unit	Efficiency [kW]	
190L TANK		**4**	**6**
Single phase model (V/~/Hz) 220-240/1/50	Indoor	SEV-MHPT-3-10-190/I	
	Outdoor	SEV-HPS1-04/O	SEV-HPS1-06/O
240L TANK		**8**	**10**
Single phase model (V/~/Hz) 220-240/1/50	Indoor	SEV-MHPT-3-10-240/I	
	Outdoor	SEV-HPS1-08/O	SEV-HPS1-10/O

240L TANK		12	14	16
Three phase model (V/~/Hz) 380-415/3/50	Indoor	SEV-MHPT-3-16-240/I		
	Outdoor	SEV-HPS3-12/O	SEV-HPS3-14/O	SEV-HPS3-16/O

TECHNICAL SPECIFICATIONS

			SINGLE-PHASE	
Outdoor unit			**SEV-HPS1-04/O**	**SEV-HPS1-06/O**
Heating A7/W35 (1)	Efficiency	kW	4.25	6.20
	Power consumption	kW	0.82	1.24
	COP	-	5.20	5.00
Heating A7/W45 (2)	Efficiency	kW	4.35	6.35
	Power consumption	kW	1.14	1.69
	COP	-	3.80	3.75
Heating A7/W55 (3)	Efficiency	kW	4.40	6.00
	Power consumption	kW	1.49	2.00
	COP	-	2.95	3.00
Cooling A35/W18 (4)	Efficiency	kW	4.50	6.55
	Power consumption	kW	0.81	1.34
	EER	-	5.55	4.90
Cooling	Efficiency	kW	4.70	7.00
	Power consumption	kW	1.36	2.33
	EER	-	3.45	3.00
Seasonal energy efficiency class: heating (6)	LTW = 35°C	-	A+++	A+++
	LTW = 55°C	-	A++	A++
SCOP (moderate climate)	LTW = 35°C	-	4.85	4.95
	LTW = 55°C	-	3.31	3.52
SEER (moderate climate)	LTW = 7°C	-	4.99	5.34
	LTW = 18°C	-	7.77	8.21
Power		V/~/Hz	220-240/1/50	220-240/1/50
Maximum overcurrent protection		A	18.0	18.0
Rated current		A	12.0	14.0
Sound power level		dB(A)	56	58
Sound pressure level (1m)		dB(A)	44.1	46.4
Device dimensions (length x height x width)		mm	1007 x 712 x 426	1007 x 712 x 426
Device weight		kg	58	58
Compressor		-	Dual Rotary DC Inverter	Dual Rotary DC Inverter
Type of expansion valve		-	Electronic	Electronic
Refrigeration connection		-	1/4" - 5/8"	1/4" - 5/8"
Refrigerant	Type (GWP)	-	R32 (675)	R32 (675)
	Quantity	kg	1.50	1.50
Length of the installation without refrigerant charging		m	15	15
Additional refrigerant charge		g/m	20	20
Maximum length of the installation		m	30	30
Height difference between units		m	20	20
Operating range (outdoor air)	Cooling	°C	-5~43	-5~43
	Heating	°C	-25~43	-25~43
	DHW	°C	-25~43	-25~43

Indoor unit			**SEV-MHPT-3-10-190/I**
Compatible with outdoor units			SEV-HPS1-04/O SEV-HPS1-06/O
Water draw-off profile		V/~/Hz	L
Direct hot water (moderate climate)		Energy class	A+
		COP	3.10
DHW Tank	Type	-	Stainless steel
	Material	-	SUS316L
	Water capacity	L	190
	Max. water temp.	°C	70
	Insulation	Material	Polyurethane
		Thickness (mm)	45
Power		V/~/Hz	380-415/3/50
Maximum overcurrent protection		A	14.3
Sound power level		dB(A)	38
Sound pressure level		dB(A)	28
Device dimensions (length x height x width)		mm	600 x 1683 x 600
Unit weight		kg	140
Electric heater	Efficiency	kW	9
	Degrees	-	3
Water supply temperature range	Cooling	°C	5-25
	Heating	°C	25-65
	DHW	°C	30-60
Water connection		-	R1"
Refrigeration connection		-	1/4" - 5/8"
Heat exchanger on the water side	Type	-	Plate
Water pump	Type	-	DC Inverter
	Lifting height	m	9
Expansion tank	Capacity	L	8
Safety valve		Mpa	0.3

	SINGLE-PHASE		THREE-PHASE		
SEV-HPS1-08/O	**SEV-HPS1-10/O**	**SEV-HPS3-12/O**	**SEV-HPS3-14/O**	**SEV-HPS3-16/O**
8.30	10.00	12.10	14.50	16.00
1.60	2.00	2.44	3.09	3.56
5.20	5.00	4.95	4.70	4.50
8.20	10.00	12.30	14.20	16.00
2.08	2.63	3.24	3.89	4.44
3.95	3.80	3.80	3.65	3.60
7.50	9.50	12.00	13.80	16.00
2.36	3.06	3.87	4.60	5.52
3.18	3.10	3.10	3.00	2.90
8.40	10.00	12.00	13.50	14.90
1.66	2.08	3.00	3.75	4.38
5.05	4.80	4.00	3.60	3.40
7.40	8.20	11.60	12.70	14.00
2.19	2.48	4.22	4.98	5.71
3.38	3.30	2.75	2.55	2.45
A+++	A+++	A+++	A+++	A+++
A++	A++	A++	A++	A++
5.21	5.19	4.81	4.72	4.62
3.36	3.49	3.45	3.47	3.41
5.83	5.98	4.86	4.83	4.67
8.95	8.78	7.04	6.85	6.71
220-240/1/50	220-240/1/50	380-415/3/50	380-415/3/50	380-415/3/50
19.0	19.0	14.0	14.0	14.0
16.0	17.0	9.0	10.0	11.0
59	60	64	65	68
47.3	49.8	52.0	52.2	52.6
1118 x 864 x 523	1118 x 864 x 523	1118 x 864 x 523	1118 x 864 x 523	1118 x 864 x 523
77	77	112	112	112
Dual Rotary DC Inverter	Dual Rotary DC Inverter	Dual Rotary DC Inverter	Dual Rotary DC Inverter	Dual Rotary DC Inverter
Electronic	Electronic	Electronic	Electronic	Electronic
3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"
R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)
1.65	1.65	1.84	1.84	1.84
15	15	15	15	15
38	38	38	38	38
30	30	30	30	30
20	20	20	20	20
-5~43	-5~43	-5~43	-5~43	-5~43
-25~43	-25~43	-25~43	-25~43	-25~43
-25~43	-25~43	-25~43	-25~43	-25~43

SEV-MHPT-3-10-240/I	**SEV-MHPT-3-16-240/I**
SEV-HPS1-08/O SEV-HPS1-10/O	SEV-HPS3-12/O SEV-HPS3-14/O SEV-HPS3-16/O
XL	XL
A+	A+
3.36	3.00
Stainless steel	Stainless steel
SUS316L	SUS316L
240	240
70	70
Polyurethane	Polyurethane
45	45
380-415/3/50	380-415/3/50
14.0	14.0
40	43
30	32
600 x 1943 x 600	600 x 1943 x 600
157	159
9	9
3	3
5-25	5-25
25-65	25-65
30-60	30-60
R1"	R1"
3/8" - 5/8"	3/8" - 5/8"
Plate	Plate
DC Inverter	DC Inverter
9	9
8	8
0.3	0.3

(1) Outdoor temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C.
(2) Outdoor temperature 7°C DB, 85% R.H.; EWT 40°C, LWT 45°C.
(3) Outdoor temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C.
(4) Outdoor temperature 35°C DB, EWT 23°C, LWT 18°C.
(5) Outdoor temperature 35°C DB, EWT 12°C, LWT 7°C.
(6) Seasonal energy efficiency class measured under average climate conditions
Relevant EU standards and regulations: EN14511; EN14825; EN50564; EN12102

SPLIT WITH IN-BUILT TANK

MONOBLOC CONCEPT

SEVRA HEAT PUMPS

Excellent efficiency

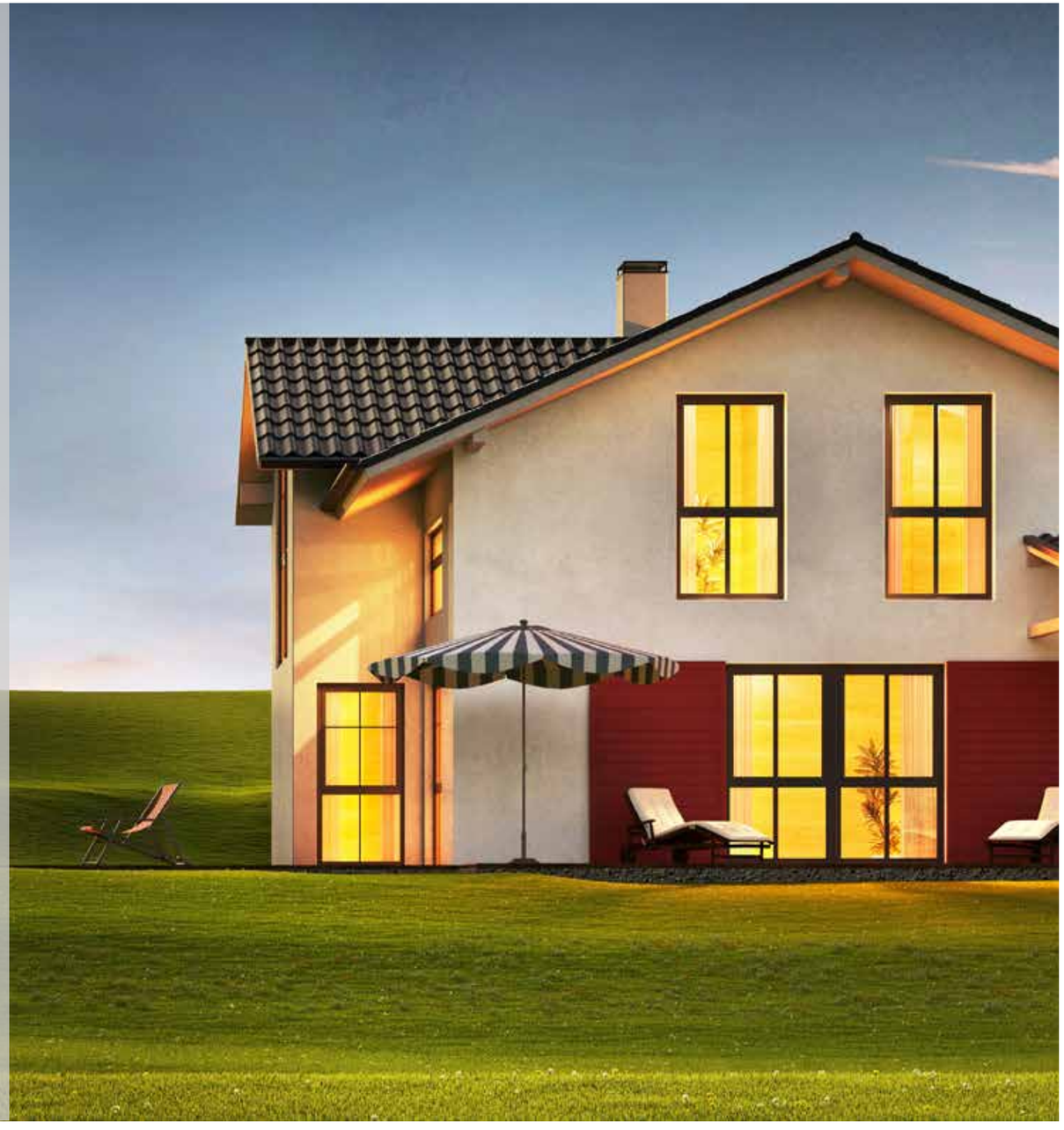
- High energy efficiency.
- High heating performance at low temperatures.
- Wide operating range.
- Two heating circuits.

User comfort

- Controller with an intuitive interface in Polish.
- Custom Wi-Fi control solution.
- Reduced noise level.
- Holiday mode.

Easy installation and maintenance

- Easy start-up using a wired controller.
- Space-saving design.
- “All-in-one” concept—no refrigerant installation work required.

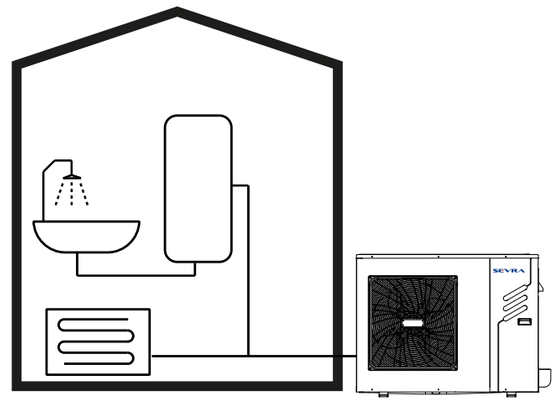


SEVRA Monobloc heat pump

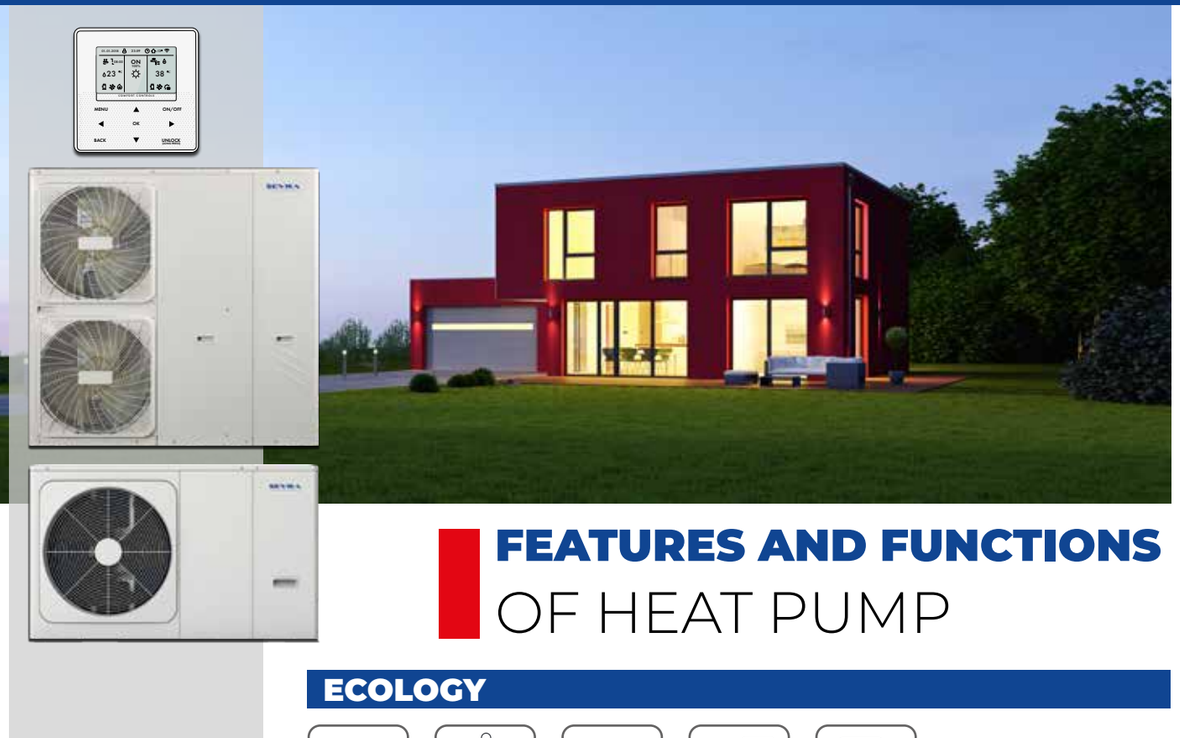
SEVRA ECOs HEAT Monobloc is a device where the indoor and outdoor units are integrated into a single unit. Therefore, there is no need to install refrigerant piping.

The Monobloc unit located outside is connected only by water pipes. Additionally, extra components on the water side, such as a plate heat exchanger, expansion vessel, and water pump, are included within a single enclosure.

With easy installation, time and space savings, and low operating costs, the SEVRA ECOs HEAT Monobloc introduces an innovative solution that contributes to more efficient and sustainable management of air conditioning and heating systems in buildings.



ECOs HEAT MONOBLOC HEAT PUMP



FEATURES AND FUNCTIONS OF HEAT PUMP

ECOLOGY

- R32 refrigerant
- Operates down to -25°C
- Daily and weekly schedule
- Anti-Freeze Function
- High-Efficiency Pump

COMFORT

- Bacteria Disinfection
- Domestic Hot Water setting to 60°C.
- Very quiet operation

CONVENIENCE

- In-built Wi-Fi module
- Fast Direct Hot Water
- Two-zone control

TECHNOLOGY

- Energy efficiency A+++
- Inverter Technology
- Smart Grid
- Holiday mode
- High-quality compressor
- Polish language
- Easy update

MONOBLOC PRODUCT RANGE

Category	Unit	Efficiency [kW]			
		4	6	8	10
Single phase model (V/~/Hz) 220-240/1/50	Monobloc	SEV-HPMO1-04	SEV-HPMO1-06	SEV-HPMO1-08	SEV-HPMO1-10
		12	14	16	
Three phase model (V/~/Hz) 380-415/3/50	Monobloc	SEV-HPMO3-12	SEV-HPMO3-14	SEV-HPMO3-16	

HIGH EFFICIENCY MONOBLOC PRODUCT RANGE

Category	Unit	Efficiency [kW]			
		18	22	26	30
Three phase model (V/~/Hz) 380-415/3/50	Monobloc	SEV-HPMO3-18	SEV-HPMO3-22	SEV-HPMO3-26	SEV-HPMO3-30

TECHNICAL SPECIFICATIONS

Device model			SEV-HPMO1-04	SEV-HPMO1-06	SEV-HPMO1-08	SEV-HPMO1-10	SEV-HPMO3-12	SEV-HPMO3-14	SEV-HPMO3-16
Heating A7/W35 (1)	Efficiency	kW	4.20	6.35	8.40	10.00	12.10	14.50	15.90
	Power consumption	kW	0.82	1.28	1.63	2.02	2.44	3.15	3.53
	COP	-	5.10	4.95	5.15	4.95	4.95	4.60	4.50
Heating A7/W45 (2)	Efficiency	kW	4.30	6.30	8.10	10.00	12.30	14.10	16.00
	Power consumption	kW	1.13	1.70	2.10	2.67	3.32	3.92	4.57
	COP	-	3.80	3.70	3.85	3.75	3.70	3.60	3.5
Heating A7/W55 (3)	Efficiency	kW	4.40	6.00	7.50	9.50	11.90	13.80	16.00
	Power consumption	kW	1.49	2.03	2.36	3.06	3.90	4.68	5.61
	COP	-	2.95	2.95	3.18	3.10	3.05	2.95	2.85
Cooling A35/W18 (4)	Efficiency	kW	4.50	6.50	8.30	9.90	12.00	13.50	14.90
	Power consumption	kW	0.82	1.35	1.64	2.18	3.04	3.75	4.38
	EER	-	5.50	4.80	5.05	4.55	3.95	3.60	3.40
Cooling A35/W7 (5)	Efficiency	kW	4.70	7.00	7.45	8.20	11.50	12.40	14.00
	Power consumption	kW	1.36	2.33	2.22	2.52	4.18	4.96	5.6
	EER	-	3.45	3.00	3.35	3.25	2.75	2.50	2.5
Seasonal energy efficiency class: heating (6)	LTW = 35°C	-	A+++	A+++	A+++	A +++	A+++	A+++	A+++
	LTW = 55°C	-	A++	A++	A++	A ++	A++	A++	A++
SCOP (moderate climate)	LTW = 35°C	-	4.97	4.95	5.21	5.19	4.81	4.72	4.62
	LTW = 55°C	-	3.55	3.52	3.36	3.49	3.45	3.47	3.41
Power		V/~/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	380-415/3/50	220-240/1/50	220-240/1/50
Maximum overcurrent protection		A	20	20	25	32	27	27	27
Rated current		A	18	19	24	30	23	24	25
Sound power level		dB(A)	55	58	59	60	65	65	68
Sound pressure level (1m)		dB(A)	45.0	47.5	48.5	50.5	53.5	54.0	58
Device dimensions (length x height x width)		mm	1295 x 718 x 429	1295 x 718 x 429	1385 x 865 x 526	1385 x 865 x 526	1385 x 865 x 526	1385 x 865 x 526	1385 x 865 x 526
Device weight		kg	86	86	105	105	144	144	144
Compressor		-	Dual Rotary DC Inverter	Dual Rotary DC Inverter	Dual Rotary DC Inverter	Dual Rotary DC Inverter	Dual Rotary DC Inverter	Dual Rotary DC Inverter	Dual Rotary DC Inverter
Type of expansion valve		-	Electric	Electric	Electric	Electric	Electric	Electric	Electric
Refrigerant	Type (GWP)	-	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)
	Quantity	kg	1.40	1.40	1.40	1.40	1.75	1.75	1.75
Operating range (outdoor air)	Cooling	°C	-5~43	-5~43	-5~43	-5~43	-5~43	-5~43	-5~43
	Heating	°C	-25~35	-25~35	-25~35	-25~35	-25~35	-25~35	-25~35
	DHW	°C	-25~43	-25~43	-25~43	-25~43	-25~43	-25~43	-25~43
Electric heater	Efficiency	kW	3	3	3	3	9	9	9
	Degrees	-	1	1	1	1	3	3	3
Water supply temperature range	Cooling	°C	5-25	5-25	5-25	5-25	5-25	5-25	5-25
	Heating	°C	12-65	12-65	12-65	12-65	12-65	12-65	12-65
	DHW	°C	10-60	10-60	10-60	10-60	10-60	10-60	10-60
Water connection		-	R1"	R1"	R5/4"	R5/4"	R5/4"	R5/4"	R5/4"
Heat exchanger on the water side	Type	-	Plate	Plate	Plate	Plate	Plate	Plate	Plate
Water pump	Lifting height	m	9	9	9	9	9	9	9
Expansion tank	Capacity	L	8	8	8	8	8	8	8

(1) Outdoor temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C.
(2) Outdoor temperature 7°C DB, 85% R.H.; EWT 40°C, LWT 45°C.
(3) Outdoor temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C.

(4) Outdoor temperature 35°C DB, EWT 23°C, LWT 18°C.
(5) Outdoor temperature 35°C DB, EWT 12°C, LWT 7°C.
(6) Seasonal energy efficiency class measured under average climate conditions. Relevant EU standards and regulations: EN14511; EN14825; EN50564; EN12102.

MONOBLOC

TECHNICAL SPECIFICATIONS

Device model			SEV-HPMO3-18	SEV-HPMO3-22	SEV-HPMO3-26	SEV-HPMO3-30
Heating A7/W35 (1)	Efficiency	kW	18.00	22.00	26.00	30.10
	Power consumption	kW	3.83	5.00	6.37	7.70
	COP	-	4.70	4.40	4.08	3.91
Heating A7/W45 (2)	Efficiency	kW	18.00	22.00	26.00	30.00
	Power consumption	kW	5.14	6.47	8.39	10.35
	COP	-	3.50	3.40	3.10	2.90
Heating A7/W55 (3)	Efficiency	kW	18.00	22.00	26.00	30.00
	Power consumption	kW	6.55	8.30	10.61	13.04
	COP	-	2.75	2.65	2.45	2.30
Cooling A35/W18 (4)	Efficiency	kW	18.50	23.00	27.00	31.00
	Power consumption	kW	3.90	5.00	6.30	7.75
	EER	-	4.75	4.60	4.30	4.00
Cooling A35/W7 (5)	Efficiency	kW	17.00	21.00	26.00	29.50
	Power consumption	kW	5.57	7.12	9.63	11.57
	EER	-	3.05	2.95	2.70	2.55
Seasonal energy efficiency class: heating (6)	LTW = 35°C	-	A+++	A+++	A+++	A+++
	LTW = 55°C	-	A++	A++	A++	A++
SCOP (moderate climate)	LTW = 35°C	-	4.60	4.53	4.50	4.20
	LTW = 55°C	-	3.20	3.23	3.15	3.15
SEER (moderate climate)	LTW = 7°C		4.70	4.70	4.66	4.49
	LTW = 18°C		5.48	5.67	5.88	5.71
Power		V/~/Hz	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50
Maximum overcurrent protection		A	21.0	24.5	27.0	28.5
Rated current		A	18.0	21.0	24.0	28.0
Sound power level		dB(A)	71	73	75	77
Sound pressure level (1m)		dB(A)	57.6	59.8	61.5	63.5
Dimensions of the device (length x height x width)		mm	1129 x 1558 x 440	1129 x 1558 x 440	1129 x 1558 x 440	1129 x 1558 x 440
Device weight		kg	177	177	177	177
Compressor		-	Dual Rotary DC Inverter	Dual Rotary DC Inverter	Dual Rotary DC Inverter	Dual Rotary DC Inverter
Type of expansion valve		-	Electronic	Electronic	Electronic	Electronic
Refrigerant	Type (GWP)	-	R32	R32	R32	R32
	Quantity	kg	5	5	5	5
Operating range (outdoor air)	Cooling	°C	-5~46	-5~46	-5~46	-5~46
	Heating	°C	-25~35	-25~35	-25~35	-25~35
	DHW	°C	-25~43	-25~43	-25~43	-25~43
Water supply temperature range	Cooling	°C	5-25	5-25	5-25	5-25
	Heating	°C	25-60	25-60	25-60	25-60
	DHW	°C	30-60	30-60	30-60	30-60
Water connection		-	BSP 1-1/4"	BSP 1-1/4"	BSP 1-1/4"	BSP 1-1/4"
Heat exchanger on the water side	Type	-	Plate	Plate	Plate	Plate
Water pump	Lifting height	m	12	12	12	12

(1) Outdoor temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C.
(2) Outdoor temperature 7°C DB, 85% R.H.; EWT 40°C, LWT 45°C.
(3) Outdoor temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C.

(4) Outdoor temperature 35°C DB, EWT 23°C, LWT 18°C.
(5) Outdoor temperature 35°C DB, EWT 12°C, LWT 7°C.
(6) Seasonal energy efficiency class measured under average climate conditions.
Relevant EU standards and regulations: EN14511; EN14825; EN50564; EN12102.

HIGH EFFICIENCY MONOBLOC

SERVICE MODULE

SEV-PC-MS

Constant access to installation

The special service module allows for remote monitoring of the device and enables quick response in case of a malfunction.

The SEV-PC-MS service module, which stores all installations, allows the installer to remotely troubleshoot, significantly speeding up response time and saving time. The module is equipped with an application in Polish compatible with Android software. The application enables the user to monitor the operating range and settings of the heat pump.

ADVANTAGES

- Customer support
- Remote monitoring
- Easy access to completed installations
- Time savings
- Fewer on-site interventions
- Fewer phone consultations

TOUCH CONTROLLER

Each hydrobox of the SEVRA heat pump features a built-in wired touch controller in the Polish language version. The controller can be removed from the device and installed anywhere in the home.

CONTROLLER FUNCTIONS

- Turn the device on/off
- Set the operating mode: cooling/heating/AUTO
- DHW settings: Fast DHW / quiet mode / holiday mode / disinfection mode / silent mode / comfort mode / DHW pump settings
- Set the outlet water temperature and room temperature
- Set the timer for turning on/off, daily/weekly schedule
- Display the set heating/cooling room temperature and the water temperature in the DHW tank
- Display the status of components
- Set the test mode

CERTIFICATES SEVRA HEAT PUMPS

CE CERTIFICATE

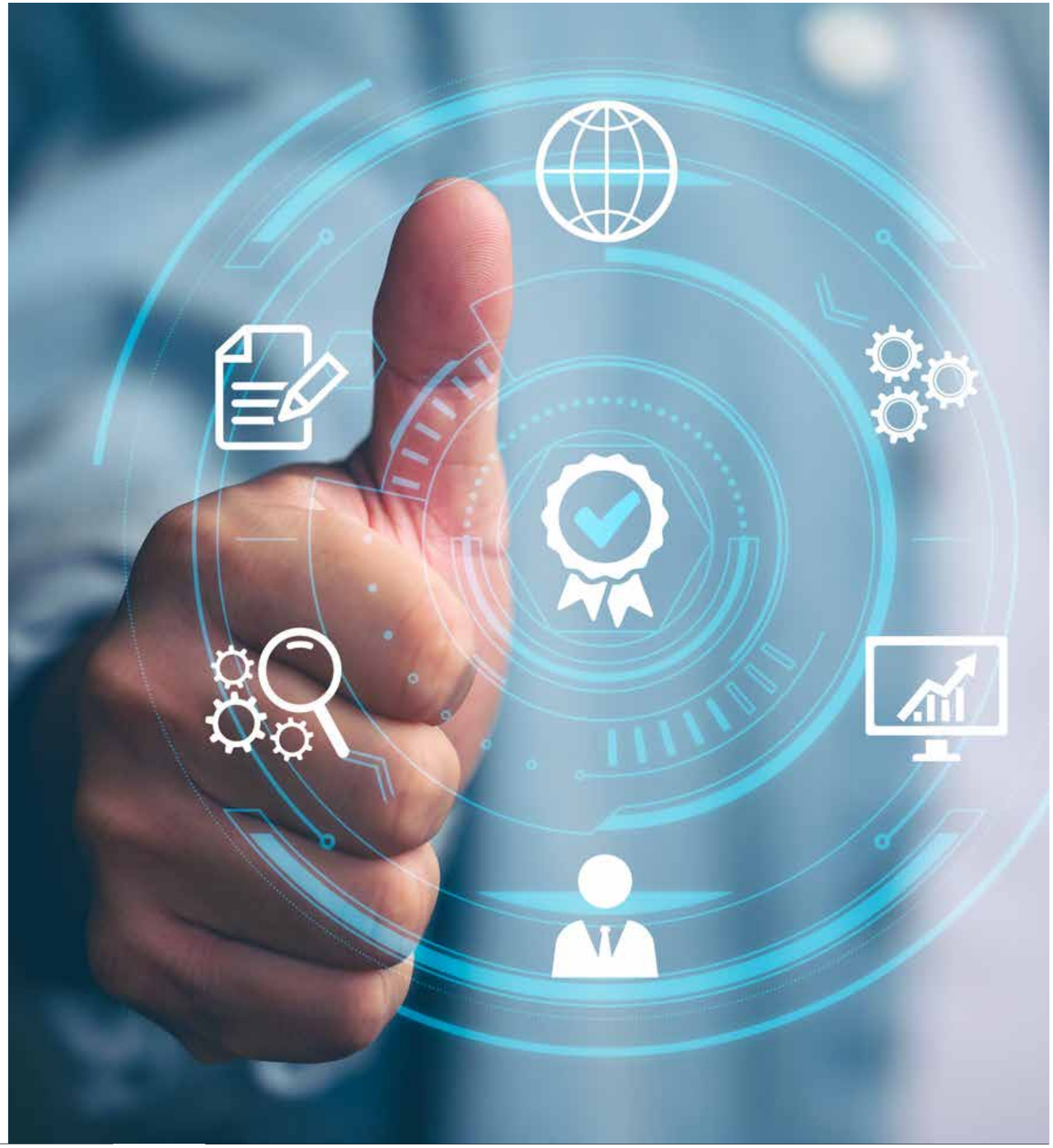
SEVRA pumps have an energy certificate, which has been approved for reliability and efficiency under strictly defined conditions. All SEVRA heat pump models comply with the requirements of the European ErP directive.

PZH HYGIENIC CERTIFICATE

SEVRA ECOs HEAT heat pumps have the PZH Certificate. The PZH Hygienic Certificate is a widely recognized and acknowledged certification that indicates the device meets strict standards regarding safety, human health, and the natural environment.

MCS CERTIFICATE

Entry on the list of approved contractors is made after the certifying body MCS confirms that the system or service meets the relevant standards and that the contractor has personnel, understands the processes, and possesses the tools to ensure that the system or provided services comply with the appropriate standards. The contractor ensures periodic system audits, including testing, and declares compliance with the terms of the agreement with the client, particularly regarding damage remediation.



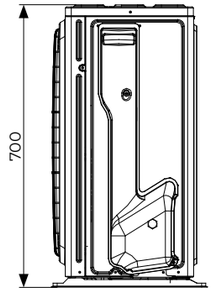
DIMENSION DRAWINGS

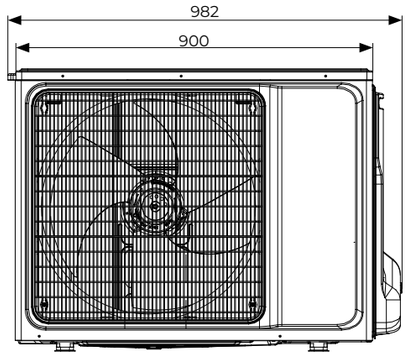
SPLIT ONYX HEAT PUMP

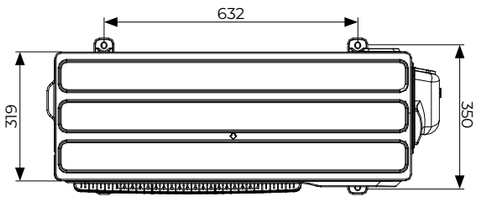
OUTDOOR UNIT

4 kW, 6 kW

ACHP-H04/4R3HA-O
ACHP-H06/4R3HA-O

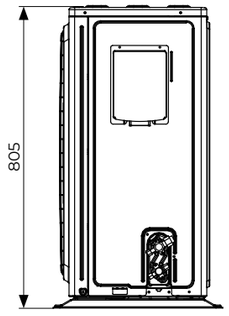


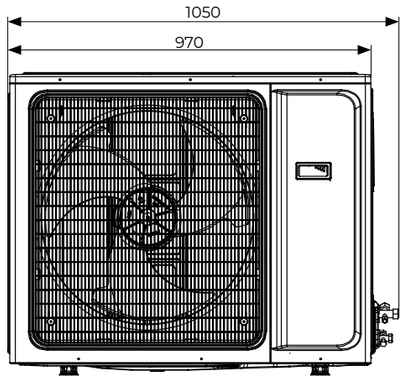


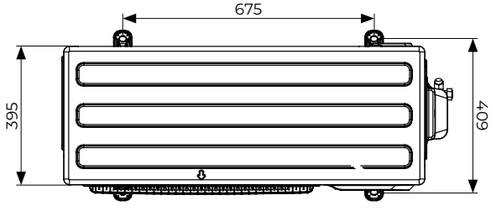


8 kW, 10 kW

ACHP-H08/4R3HA-O
ACHP-H10/4R3HA-O

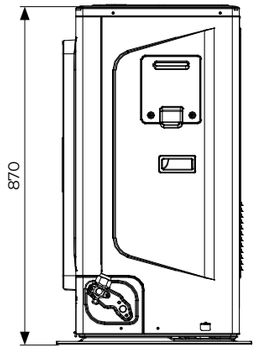


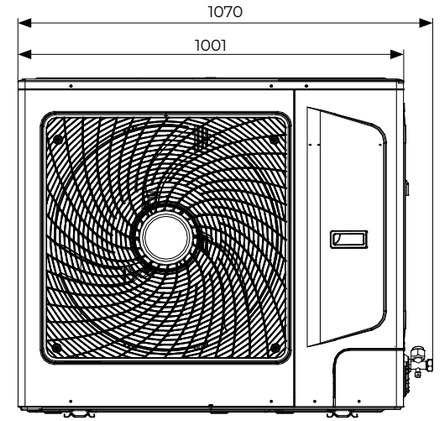


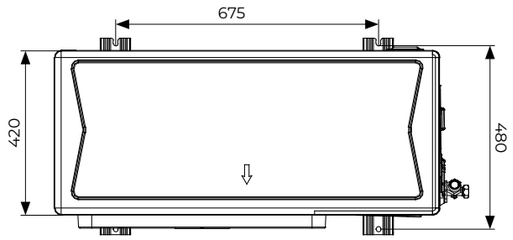


12 kW, 14 kW, 16kW

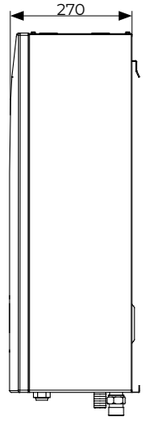
ACHP-H12/5R3HA-O
ACHP-H14/5R3HA-O
ACHP-H16/5R3HA-O

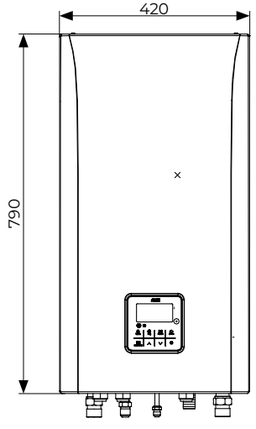


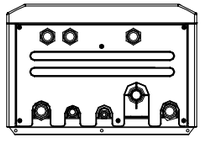




HYDRAULIC MODULE





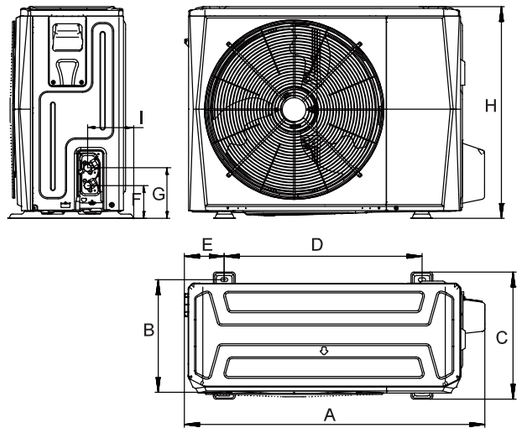


DIMENSION DRAWINGS

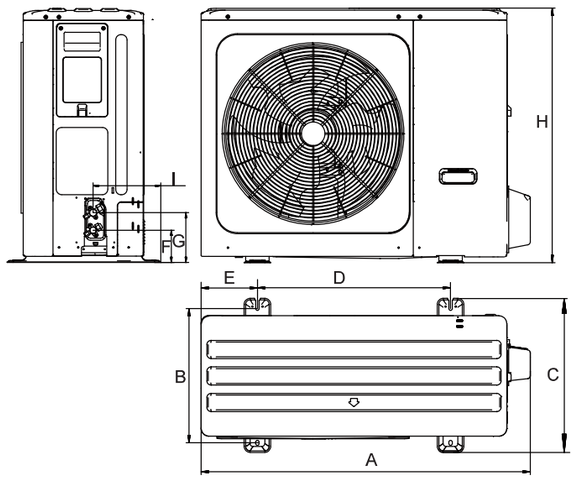
SPLIT IVORY HEAT PUMP

OUTDOOR UNIT

4/6 kW (unit: mm)



8/10/12/14/16 kW (unit: mm)



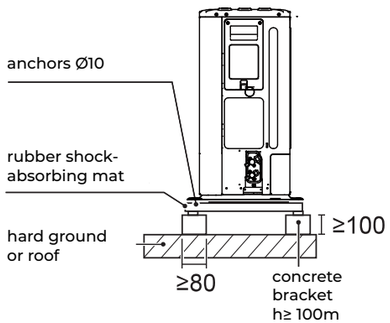
Model	A	B	C	D	E	F	G	H	I
4 / 6 kW	1008	375	426	663	134	110	170	712	160
8 / 10 / 12 / 14 / 16 kW	1118	456	523	656	191	110	170	865	230

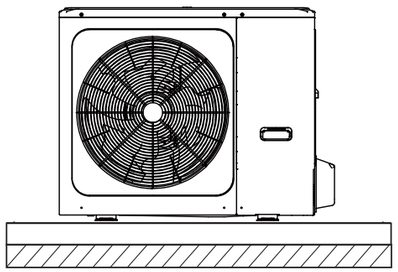
INSTALLATION REQUIREMENTS

Check the strength and levelling of the base to ensure that the installed unit does not generate vibrations and noise during operation.

According to the foundation drawing, securely fasten the unit using anchors. (Prepare four sets of screws, each Ø10, along with nuts and washers, available for regular sale).

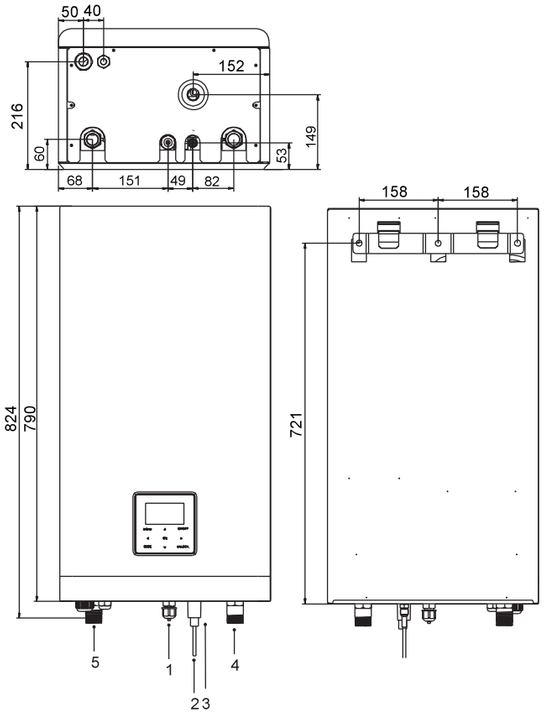
Screw the anchors into the base so that they protrude 20 mm above the foundation.





unit: mm

HYDRAULIC MODULE



1	Refrigeration connection gas 5/8”-14UNF
2	Refrigeration connection liquid 1/4”(6KW) lub 3/8”(8KW) -14UNF
3	Drain Ø25
4	Water inlet R1”
5	Water outlet R1”

INSTALLATION REQUIREMENTS

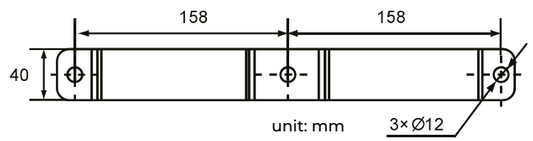
The hydraulic module is packaged in a cardboard box.

Upon delivery, the device should be checked for damages, which should be reported to the supplier immediately if any are found.

Verify that all accessories for the hydraulic module have been included. To avoid damage during transport, move the device in its original packaging as close as possible to the intended installation location.

The weight of the device is approximately 50 kg, so it should be handled by two people.

WALL MOUNTING BRACKET



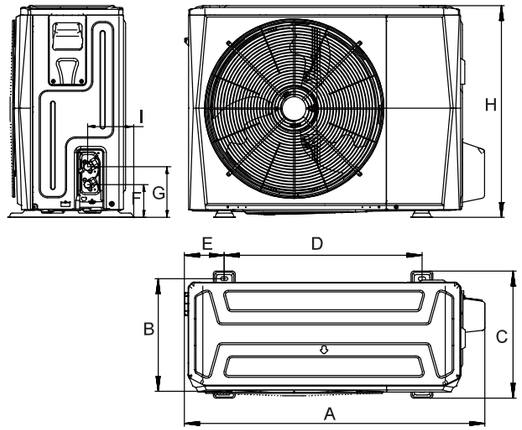
unit: mm

DIMENSION DRAWINGS

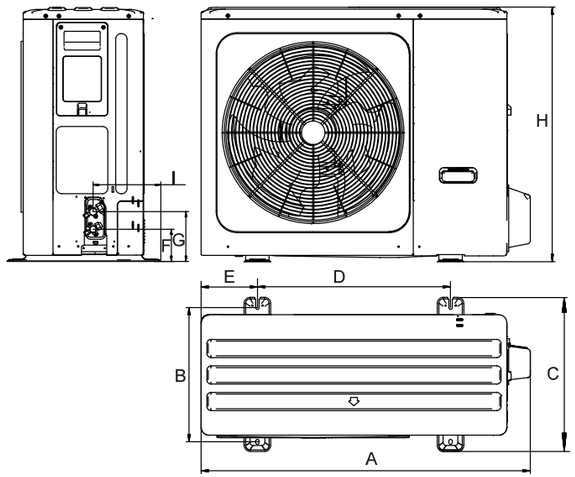
SPLIT IVORY HEAT PUMP WITH IN-BUILT TANK

OUTDOOR UNIT

4/6 kW (unit: mm)



8/10/12/14/16 kW (unit: mm)



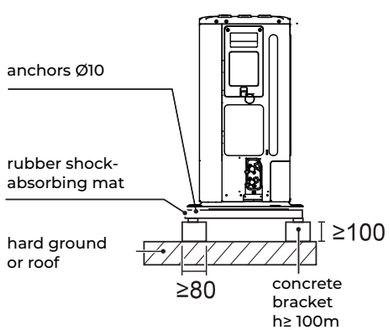
Model	A	B	C	D	E	F	G	H	I
4 / 6 kW	1008	375	426	663	134	110	170	712	160
8 / 10 / 12 / 14 / 16 kW	1118	456	523	656	191	110	170	865	230

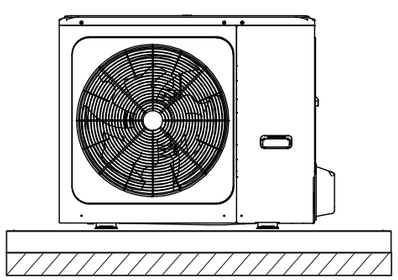
INSTALLATION REQUIREMENTS

Check the strength and levelling of the base to ensure that the mounted unit does not generate vibrations or noise during operation.

Following the foundation drawing, securely attach the unit using anchors. (Prepare four sets of screws, each Ø10, along with nuts and washers, available in standard retail stores).

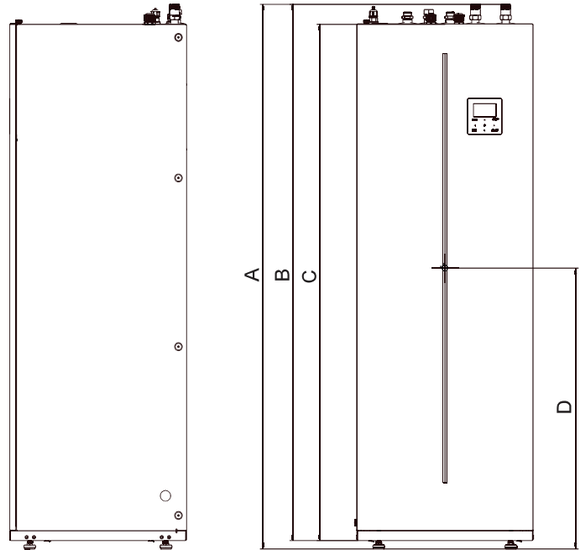
Screw the anchors into the base so that they protrude 20 mm above the foundation.

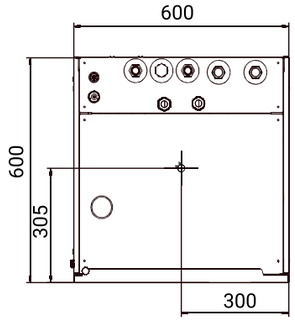




unit: mm

HYDRAULIC UNIT





Model	A	B	C	D
SEV-MHPT-3-10-190/I	1775	1748	1682	915
SEV-MHPT-3-10-240/I	2034	2007	1942	1045
SEV-MHPT-3-16-240/I	2034	2007	1942	1045

INSTALLATION REQUIREMENTS

The hydraulic module is packed in a cardboard box.

Upon delivery, the device should be inspected for any damage, which must be immediately reported to the supplier if found.

Check that all accessories for the hydraulic module have been delivered.

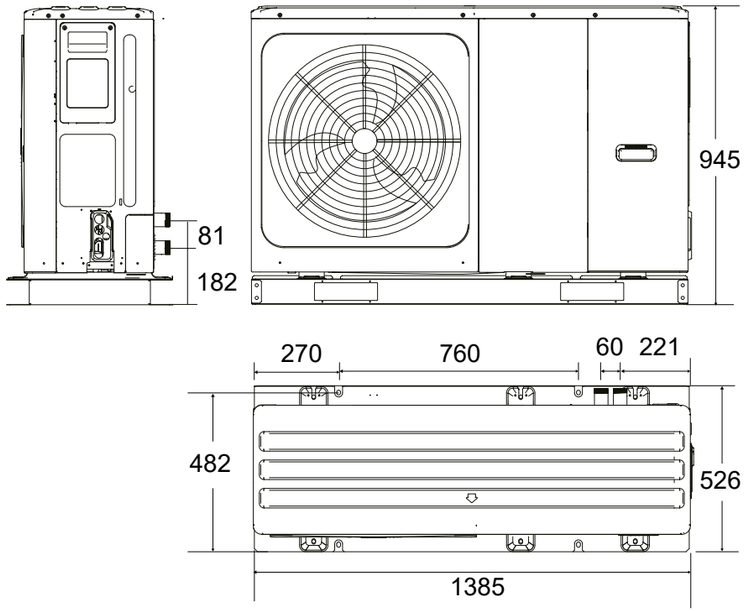
To avoid damage during transport, move the device in its original packaging as close as possible to the installation site.

The weight of the device is approximately 150 kg, so appropriate handling conditions must be ensured.

DIMENSION DRAWINGS

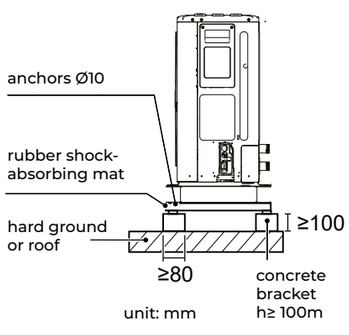
IVORY MONOBLOC HEAT PUMP

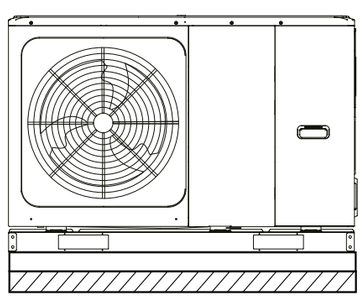
MONOBLOC 4-16 kW



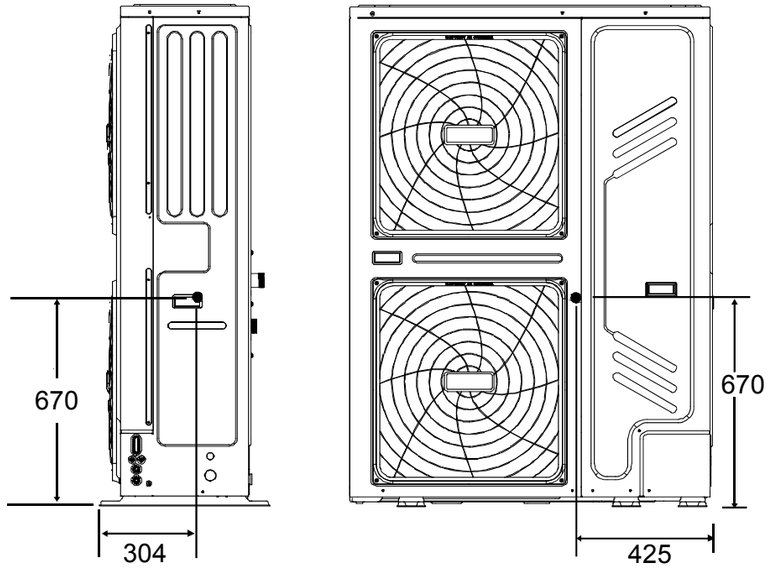
INSTALLATION REQUIREMENTS

The strength and level of the installation site must be checked to ensure that the unit does not cause vibrations or excessive noise during operation.
According to the base drawing, securely fasten the unit using screws. (Prepare four sets of 10 mm expansion bolts, nuts, and washers, which are commonly available on the market).
Tighten the mounting screws until they protrude 20 mm from the surface of the base.





MONOBLOC 18-30 kW



INSTALLATION REQUIREMENTS

The strength and level of the installation site must be checked to ensure that the unit does not cause vibrations or excessive noise during operation.
According to the base drawing, the unit must be securely fastened using screws. (Prepare four sets of 10 mm expansion bolts, nuts, and washers, which are commonly available on the market).
Tighten the fastening screws until they protrude 20 mm from the surface of the base.

SEVRA

Innovative Climate Solutions

ECOs HEAT HEAT PUMPS CATALOGUE 2025

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