

General Catalogue & Price List 2026

Residential, Commercial, Industrial



A clear vision, a solid path

Technology and innovation for over 30 years

At Maxa, we design, build, and distribute heating and air conditioning systems with a clear goal in mind: to offer solutions that improve people's comfort and contribute to a more sustainable future.

This is not just a statement of intent, but the mission that has guided every decision we have made since the company was founded.

Founded in 1992 thanks to the entrepreneurial intuition of Luciano Tredicesimo Ferroli, Maxa has grown to become one of the top five Italian companies in the production of heat pumps. A journey built on

innovation, quality, and strategic vision.

Today, under the leadership of his sons Paolo, David, and Simone, Maxa continues to evolve, maintaining its original values and focusing on cutting-edge technologies, Made in Italy production, and attention to the environment.

Every day, our team works passionately to develop solutions that combine energy efficiency, comfort, and sustainability, responding to the needs of a constantly changing market.



1992

The Beginnings

In 1992, the MAXA project began, entering the residential air conditioning sector, which was in its infancy at the time. The first warehouse and workshop is inaugurated in Villanova di San Bonifacio. Growth continues thanks to the economic development of the air conditioning market, and in 2004 we become a joint-stock company.

2005

The Expansion

Since 2005, the decision has been made to expand sales activities abroad, thus beginning a process of growth that has led Maxa to become a well-known brand on international markets.

2010

Our production

In 2010, the first production line for 5 to 15 kW inverter heat pumps was opened, riding the first signs of renewal in the heating market with alternative products to boilers, and supported by the possibility of exploiting new environmentally friendly technologies. Since 2011, Maxa has been equipped with an M1 climate chamber for testing units with up to 100 kW of cooling capacity on chillers and heat pumps.

2016

The expansion

A process of growth and expansion began in Maxa's production department, leading us in 2016, following the construction of the fifth line, to develop the production of heat pumps up to 115 kW.

All this makes it necessary to expand the company and build a new 7,100 m² factory, in addition to the existing 7,800 m².

2024

Innovation

In 2019, we inaugurated eight production lines. In 2023, three new lines of heat pumps using R290 gas were introduced and the new M2 climate chamber was inaugurated for in-depth performance testing.

In 2024, the historic payoff line "Air Conditioning" is replaced with the more appropriate and modern "Heating and Cooling."

The reason for the change lies in the need to further strengthen our identity as a Made in Italy manufacturer in the heating and cooling sector.

2025

The New Plant

At the beginning of 2025, work began on the construction of a new 7,100 m² facility, which will house the new logistics center and electronics production laboratories. The expansion of the facility represents a concrete step toward the future.

Innovation, Performance, Reliability

Our commitment to the future of air conditioning

With a vision focused on excellence and sustainability, we design and manufacture solutions for residential, commercial, industrial, and tertiary air conditioning.

Thanks to a department **Research & Development** At the cutting edge, our product range is among the most comprehensive and competitive in Europe, offering increasingly efficient and sustainable technologies.

What truly sets us apart is our production capacity. We have:

- **8 production lines** dedicated to the production of inverter heat pumps, designed to respond flexibly and quickly to market demands;
- **2 climate-controlled rooms** (M1 and M2) capable of testing units up to 800 kW, ensuring maximum precision in performance verification. A strategic asset that allows us to confidently declare what our products are capable of doing.



A strategic investment in the future

Our headquarters in Arcore covers a total area of 42,000 square meters, housing offices, a 7,000-square-meter warehouse for storing finished products and spare parts, and a 7,800-square-meter production area that houses our eight production lines.

Between 2025 and 2026, this industrial hub will undergo a major expansion: an additional 6,600 square meters will be added to further enhance production and logistics capacity.

A strategic investment that not only strengthens our operational efficiency, but also allows us to respond more quickly and flexibly to market needs, integrate new technologies, and consolidate our role as a leader in the HVAC sector.

The expansion of the plant represents a concrete step towards the future, with the aim of guaranteeing quality, innovation, and constant availability of our products.



Maxa constantly invests in quality control through modern testing procedures and advanced monitoring systems to ensure maximum performance, efficiency and reliability of all HVAC units.

Among the main Eurovent (Verification of certificate validity: www.eurovent-certification.com), EHPA, HP Keymark, ISO 9001:2015, Heat Pump Austria.



Professional Service

Expertise at your side, in every phase of the project

With Maxa, you're not just buying a product: you're choosing a partner who will accompany you through every stage of your project. Our Pre-Sales and After-Sales teams are at your side from the initial consultation to the commissioning of the system, right through to technical support and ongoing training.

Pre-sale



Preliminary study and technical consultancy

We carefully analyse the project, assess system requirements and propose the most suitable HVAC solution to ensure maximum compatibility between system and product.



Support in system design

We work closely with HVAC engineers during the design phase, supporting the sizing of the units, hydraulic and refrigerant layouts and control logics, to simplify every stage of the job.



On-site inspections

For new buildings or renovation projects, our engineers carry out on-site inspections to verify installation conditions, technical feasibility and the correct integration of our solutions.



Regulatory consultancy

We provide the documentation required to meet design and installation requirements, facilitating access to incentive schemes and ensuring project compliance.



Technical documentation

Manuals, technical data sheets, certifications, and much more are just a click away in our reserved area, providing everything you need to design and install safely and in compliance with regulations.

**Reserved area dedicated
to professionals:**
docs.maxa.it

After-Sales Service



Continuous training

Our **Maxa Service** network is constantly updated through technical courses and product training, ensuring a high level of technical expertise and knowledge of the latest product developments.



Warranty extension

We offer the possibility to extend the warranty on spare parts and labour, an option that provides additional security and added value to your investment.



Dedicated customer support

A team that is always available to respond to all requests, providing assistance, documentation and information quickly and directly.





Warranty extensions

In addition to the 2-year warranty required by current regulations (DIR 99/44/EC, Legislative Decree 24/2002 and Legislative Decree 206/2005), Maxa offers various services:



+3

3-Year Warranty Extension

Warranty extension up to 3 years on spare parts in addition to the 2 years provided for under current regulations. Valid for the residential, commercial and Calido ranges, to be requested before the expiry of the product's standard warranty. Conditions, details and exclusions relating to the general product warranty conditions are available in the warranty brochure, which can be downloaded from the page www.maxa.it/en/support.



King Warranty Extension

Total extension of the warranty by an additional 12, 24, 36, 48 months (labor plus spare parts) for products marked with the  icon.

Conditions, details and exclusions relating to the general product warranty conditions are available in the warranty brochure, which can be downloaded from the page www.maxa.it/en/support.

+ 12 months	2.5% on the list price
+ 24 months	3.5% on the list price
+ 36 months	5% on the list price

Initial start-ups, pre-inspection visit and first commissioning

Initial start-up operations

Operations performed by Maxa technical service:

- Verification of correct product operation
- Setting operating parameters according to requirements
- Our technical service will provide the information necessary for the proper operation of the product.

Pre-inspection visit

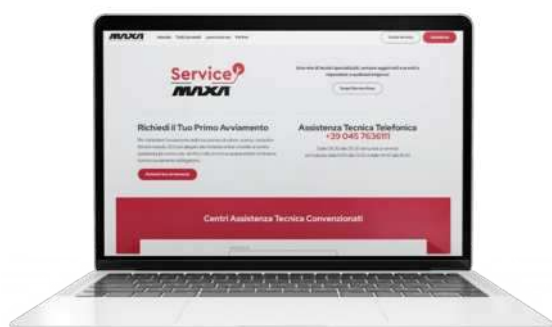
The pre-inspection visit, when requested in the order, includes the initial start-up service. It comprises:

- Consulting on electrical and hydraulic connections regarding the product
- Verification of compliance with Maxa specifications.

How to request the first start-up commissioning

Mandatory initial start-up service. The initial start-up entitles you to a full warranty extension of an additional 12 months beyond the general warranty conditions. To request the heat pump start-up, you can:

- connect to the support page of our website, fill in the commissioning form and send it
- fill in the form supplied with the product and send it to the nearest service center.



R290 GAS

i-290 Inverter Heat Pump Range

0106/0109/0112/0115/0118/0121/0123/0125/0127
0240/0250



i-290 Inverter Heat Pumps

Efficiency, Comfort and Environmental Sustainability

Solutions that maximize energy efficiency for heating, cooling, and domestic hot water production, ensuring a high level of environmental sustainability.

The use of **natural refrigerant R290** enables high performance with full respect for the environment, ensuring comfort and energy savings in residential, commercial and industrial applications.

The range is designed to adapt to diverse application contexts: **14 models** are available, with capacities from **6 to 50 kW**, offering versatility, reliability, and tailored performance.



78°C

Maximum water supply temperature up to 78°C, guaranteed on a continuous basis.



-20/+46°C

Perfect for any climate thanks to the wide operating range from -20°C to +46°C.



350 kW

Single units of 6 to 50 kW which, when configured in cascade, can reach a maximum of 350 kW.



A+++

Energy efficiency class up to A+++.

GWP = 0.02

R290 eco-friendly gas with very low climate impact, for sustainable applications.

Design

Unique design and modern aesthetics facilitate architectural integration in every context.

Made In Italy

Range conceived, designed and produced by Maxa in the Arcole plant (Italy).

Easy Plug

All components have been arranged to facilitate the installation operations as much as possible.



Maximum respect for the environment

The **eco-friendly gas R290**, with an extremely low GWP of just 0.02 (Global Warming Potential), drastically reduces environmental impact compared to traditional gases, delivering a concrete improvement in environmental sustainability. This means that the environmental impact of R290 gas on global warming is very low.



Ease of Installation

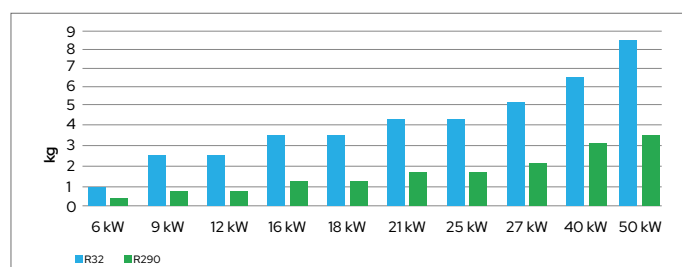
The heat pumps in the i-290 range are designed for quick and straightforward commissioning. Thanks to the hydraulic connections located at the rear of the heat pump, where the electrical service terminal blocks are also positioned, installation and commissioning are significantly simplified.

Solution suitable for every system

The i-290 range can be perfectly and rapidly integrated both into new buildings and in combination with existing systems, allowing highly efficient operation with both radiant underfloor systems and traditional systems with high-temperature water. Numerous accessories and configurations make it possible to customize the equipment of each heat pump.

Reduced refrigerant charge

The i-290 heat pumps ensure a significantly reduced refrigerant charge compared to traditional R32 solutions. For the same heating capacity, the amount of R290 required is considerably lower, with values that remain limited even in the higher-capacity models.



High level of safety

The i-290 heat pumps guarantee high safety standards. In sizes from 0106 to 0127, the use of **antispark components** always ensures safe operation of the heat pump. In the larger sizes, 0240 and 0250, the use of **leak detection sensors**, installed directly inside the heat pumps, determines their overall safety.

The i-290 heat pumps up to size 0127 are also equipped as standard with a **air separator** that continuously removes any air and gas present in the hydraulic circuit.

The internal filter creates turbulence, promoting the separation of micro-bubbles, which are then automatically expelled by a float valve. This component improves efficiency, reduces noise and extends the service life of the system.



Assured performance all year round

The indispensable comfort ensured by domestic water systems, and the resulting increase in demand for domestic hot water, are perfectly met by i-290 technology, which confirms and extends the application range of heat pumps designed for this purpose. The i-290 range makes it possible to produce technical hot water under any outdoor temperature condition, from +46°C down to -20°C.

i-290 0106-0118

Monobloc inverter air-to-water reversible heat pump with R290

6 kW-18 kW



The latest evolution of MAXA's full inverter heat pump technology uses the eco-friendly refrigerant gas R290. This new evolutionary step further simplifies the design of systems fully managed by the heat pump alone. In fact, thanks to the 75°C maximum water temperature achievable with the i-290 range, application on systems requiring high supply temperatures is also very straightforward. Finally, the direct replacement of existing systems that previously operated with combustion appliances is very manageable.



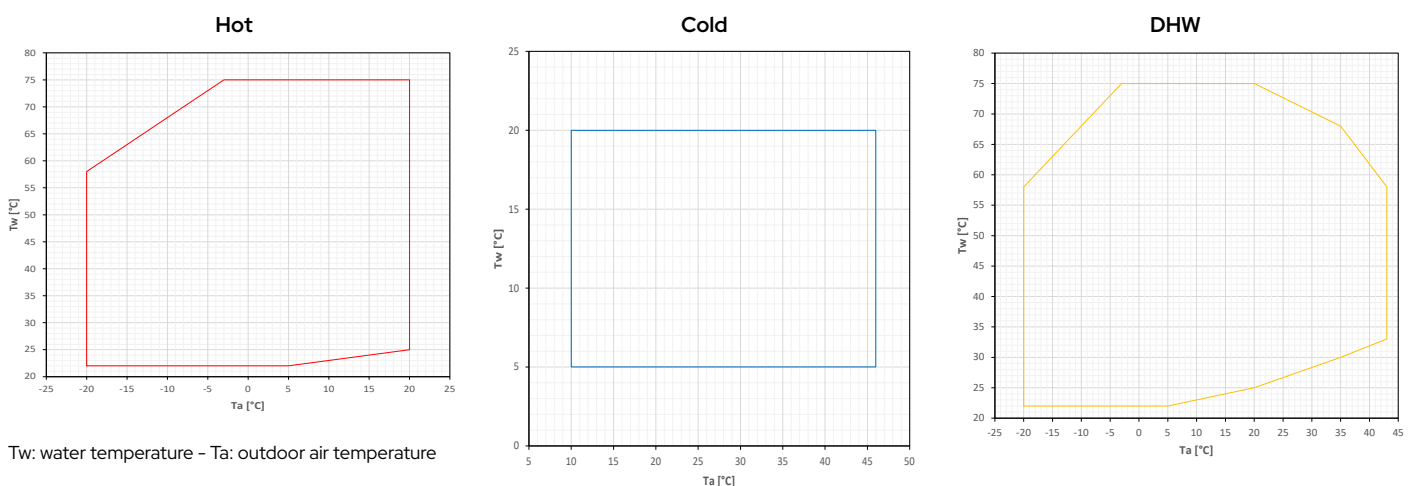
Construction Features

- Proprietary control system with microcontroller-based regulation, superheat control logic via electronic expansion valve.
- Compressor: Twin Rotary DC inverter.
- Fans: axial type with brushless DC motor.
- Source heat exchanger: finned coil with copper tubes and aluminum fins with hydrophilic coating.
- User plate heat exchanger with AISI 304 stainless steel brazed plates, featuring low pressure drop on the water side.
- Refrigerant circuit made of copper tubing, including: condensing pressure control, electronic thermostatic valve, reversing valve, high-pressure switch, liquid separator, pressure tapping point, bidirectional metal mesh filters, high- and low-pressure transducers.
- Integrated hydraulic circuit with high-efficiency variable-speed brushless circulator, flow meter, deaerator with air vent valve, 3-bar overpressure valve, and system filling and drain cock.
- The SL version ensures reduced sound emissions, particularly with regard to standard EN12102-1:2022. The reduction of the sound power level under A7/W55 conditions is between 2 and 4 dB(A).

Logics and Controls:

- All units can operate in three different modes: heating, cooling, and domestic hot water, with specific programs that maximize performance in all conditions, including optional control via climatic compensation curve.
- The i-290 series units are capable of managing mixing valves, diverting valves and secondary-side circulation pumps; they are also able to control the solar thermal system, any integration with external heat sources, and integration with external Home/Building Automation or Home Automation systems.
- ModBus RTU available as standard.
- All units in the i-290 series (0106/0118) are supplied as standard with the e-Pro wired controller, providing complete control of the heat pump both locally and remotely via connectivity, once connected to the Wi-Fi network.
- Thanks to the MyMaxa app, you can associate one or more MAXA heat pump installations with your user profile and thus obtain full remote control of them.

Operating Areas



Accessories

Factory-installed

- **KA** - Antifreeze kit (heat exchanger + base) – includes the use of a self-heating cable that is glued to the base of the unit near the condenser coil, and a PET heater positioned on the plate heat exchanger face.
- **KA3** - Antifreeze kit (base only) – provides exclusively for the use of a self-heating cable that is applied to the base of the unit near the condensing coil.
- **TR2** - Anti-corrosion treatment for coils – thanks to the treatment, the coil becomes flexible to withstand thermal expansion and contraction, mechanically resistant, protected against UV rays and dirt-repellent. Heat transfer losses are very limited. The treatment ensures coil protection in virtually all environmental conditions: from coastal to rural areas, from industrial to urban zones. The treatment withstands 6000 h according to ASTM B117.
- **TR2C4** - Anti-corrosion treatment on coil and sheet metal – includes a TR2-type treatment on the coil and, in addition, the hot-dip galvanized steel panels are painted so as to make them suitable for unit installation in C4H environments, in accordance with UNI EN 12944. The external fastening hardware is made of AISI 304 material, class A2. The treatment also includes the fan protection grille, while the galvanized sheets inside the unit (electrical panel casing and inductances) are excluded.
- **RP** - Coil protective grilles – wire mesh to prevent foreign objects from entering the coil and to protect the coil from accidental contact with objects or people.

Provided separately

- **SAS** - Domestic hot water probe / Remote system probe – in some system configurations (e.g. heat pump in parallel with the boiler on the same hydronic circuit and diverter valve for boiler exclusion), it may be necessary to enable a system temperature probe so that the unit controller can correctly manage the operation. The remote system probe controls the heat pump temperature only during the compressor start-up phase; shutdown is managed by the probe located on the heat pump flow line.
- **SPS** - Solar panel probe for GI3 – probe required to measure the temperature of the solar panels when the unit is integrated with a solar thermal system.
- **AG** - Anti-vibration kit – designed to prevent transmission of vibrations to the structure; must be installed under the unit, in the dedicated mounting holes.
- **VRC** - Condensate drip tray – galvanized sheet metal container to be installed at the base of the unit for collecting condensate water.
- **FY** - Y-strainer – contains a stainless steel mesh screen (500 µm filtration) that collects solid materials present in the water. Filtration prevents blockage and/or damage to the devices installed downstream of the strainer. Alternatively, it is possible to install a dirt separator that ensures a filtration level not greater than 1 mm (in this case, it is no longer necessary to install the Y-strainer).
- **FD** - Dirt separator – allows the heavier impurities present in the hydraulic circuit to be stopped and retained, as they are captured by a synthetic filter mesh and collected in a settling chamber. A magnetic device located inside the body of the dirt separator also makes it possible to trap ferromagnetic particles.
- **VDIS2** - Diverting valve – 3-way motorized ball valve DN (1"1/4) Kvs 19.2, 1" 1/2 MMM connections, complete with actuator.
- **ACT** - Technical storage tank (see dedicated section).
- **VSA** - Anti-freeze thermal discharge valve – a valve capable of opening at 0°C to prevent ice formation inside the pipes.
- **RP** - Coil protection grilles – wire mesh to prevent foreign objects from entering the coil and to protect the coil from accidental contact with objects or people (supplied as a separate accessory and to be installed by the installer).
- **e-LITE**** - Color touch-screen wired controller, which can be used as a remote keypad for the heat pump, as it replicates the functions of the on-board unit display. It is equipped with local temperature sensing and time scheduling.
- **Hi-TV415**** - Color touchscreen wired remote controller for centralized management of a chiller/heat pump cascade, for up to 7 units.
- **Connect Box**** - Wi-Fi communication gateway for the Maxa Connect App.
- **GI3**** - External system management module - enables management of the following functions: recirculation pump control, plant-side mixing valve control, solar thermal integration control.
- **ISK**** - USB/RS485 serial converter – interface device capable of reading and writing control registers via the RS485 standard and converting them to a USB port that can be connected to any supervision system.
- **LNC**** - LAN-Wi-Fi router – device that allows the unit to be connected to a local network via Ethernet cable or Wi-Fi coverage for remote monitoring.
- **OVPN**** - 3G LAN-Wi-Fi router with VPN tunnel – device that allows the unit to be connected remotely with an industrial router using the secure OPENVPN service.

** Accessories not usable simultaneously



e-PRO
Wi-Fi multifunction remote
controller
STANDARD



e-LITE
Multifunction
remote controller
ACCESSORY



Hi-TV415
Touch screen remote
controller for cascade
management (max 7
units)
ACCESSORY

R32 GAS
V5 Heat Pump Range

i-32V5 6kW-18kW

i-32V5C Midi 21kW-32kW

i-32V5H Midi 21kW-32kW

i-HPV5H 40kW-70kW



i-32V5

Monobloc R32 air-to-water reversible inverter heat pump

6 kW–18 kW



11 models: the most compact and high-performance on the market!

The use of inverter technology together with DC brushless motors ensures extremely high overall energy efficiency, both by reducing the specific consumption of each motor and thanks to the high modulation capability.

Extensive use of these technologies on all components results in high COP and EER values, with a significant increase in efficiency at partial loads.



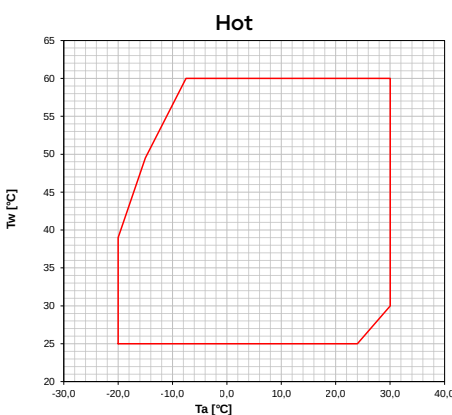
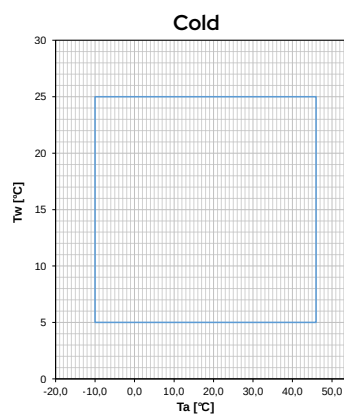
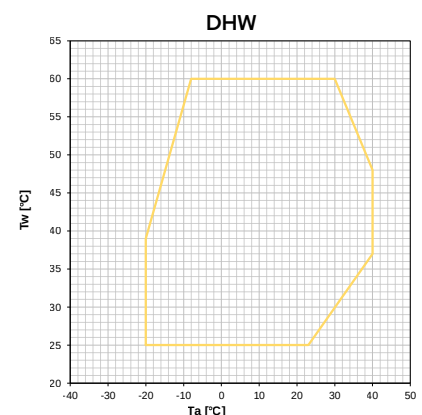
Construction Features

- Proprietary control system with microcontroller-based regulation, superheat control logic via electronic expansion valve.
- Compressors: Twin Rotary DC inverter
- Fans: axial type with brushless DC motor
- Source heat exchanger: optimized with a circuit and a finned coil with copper tubes and aluminum fins with hydrophilic treatment.
- User plate heat exchanger with AISI 304 stainless steel brazed plates, featuring low pressure drop on the water side.
- Refrigerant circuit made of copper tubing, including: condensing control, electronic thermostatic valve, 4-way reversing valve, high-pressure switches, liquid separator and receiver, service and control valves, high- and low-pressure transducers.
- Integrated hydraulic circuit with high-efficiency variable-speed brushless circulator, flow switch, air vent valve, overpressure valve (6 bar), pressure gauge, and system filling and drain cock.
- The KA version provides for the installation of a heating cable on the base of the heat pump at the condenser coil and a PET heater positioned on the plate heat exchanger. The technical and performance data are identical to those of the standard version.
- The SL version, in winter operating mode, features a maximum sound power limited to 53 dB(A), which can be reached under certain conditions.

Logics and Controls:

- All units can operate in three different modes: heating, cooling, and domestic hot water, with specific programs that maximize performance in all conditions, including optional control via climatic compensation curve.
- The units of the V5 series are capable of managing mixing valves, diverting valves, and secondary-side circulation pumps; they are also able to control the solar thermal system, any integration with external heat sources, and integration with external Home/Building Automation or Home Automation systems. The entire i-32V5 series can be controlled remotely (accessory HI-TV415).
- Standard RS485 Modbus protocol.

Operating Areas



Tw: water temperature – Ta: outdoor air temperature

Accessories

Factory-installed

- **TR2** - Anti-corrosion treatment for coils – thanks to the treatment, the coil becomes flexible to withstand thermal expansion and contraction, mechanically resistant, protected against UV rays and dirt-repellent. Heat transfer losses are very limited. The treatment ensures coil protection in virtually all environmental conditions: from coastal to rural areas, from industrial to urban zones. The treatment withstands 6000 h according to ASTM B117.
- **GI *** - System management module – enables management of

the following functions: management of the booster pump with the aid of a room thermostat (not supplied); management of the mixing valve on the system side in both heating and cooling modes; management of solar-thermal integration.

- **CM** - BMS connectivity setup – ModBus protocol included – accessory that enables the connection of the unit to external controllers via serial cable with RS-485 electrical standard and ModBus RTU protocol.

Provided separately

- **SAS** - Domestic hot water probe / Remote system probe – in some system configurations (e.g. heat pump in parallel with the boiler on the same hydronic circuit and diverter valve for boiler exclusion), it may be necessary to enable a system temperature probe so that the unit controller can correctly manage the operation. The remote system probe controls the heat pump temperature only during the compressor start-up phase; shutdown is managed by the probe located on the heat pump flow line.
- **SPS** - Solar panel probe for GI3 – probe required to measure the temperature of the solar panels when the unit is integrated with a solar thermal system.
- **GI3**** - External system management module – enables management of the following functions: recirculation pump control, plant-side mixing valve control, solar thermal integration control.
- **AG** - Anti-vibration kit – designed to prevent transmission of vibrations to the structure; must be installed under the unit, in the dedicated mounting holes.
- **VRC** - Condensate drip tray – galvanized sheet metal container to be installed at the base of the unit for collecting condensate water.
- **FY** - Y-strainer – contains a stainless steel mesh screen (500 µm filtration) that collects solid materials present in the water. Filtration prevents blockage and/or damage to the devices installed downstream of the strainer. Alternatively, it is possible to install a dirt separator that ensures a filtration level not greater than 1 mm (in this case, it is no longer necessary to install the Y-strainer).
- **FD** - Dirt separator – allows the heavier impurities present in the hydraulic circuit to be stopped and retained, as they are captured by a synthetic filter mesh and collected in a settling chamber. A magnetic device located inside the body of the dirt separator also makes it possible to trap ferromagnetic particles.
- **VDIS2** - Diverting valve – 3-way motorized ball valve DN (1"1/4) Kvs 19.2, 1" ½ MMM connections, complete with actuator.
- **ACT** - Technical storage tank (see dedicated section).
- **VSA** - Anti-freeze thermal discharge valve – a valve capable of opening at 0°C to prevent ice formation inside the pipes.
- **ISK**** - USB/RS485 serial converter – interface device capable of reading and writing control registers via the RS485 standard and converting them to a USB port that can be connected to any supervision system.
- **LNC**** - LAN-Wi-Fi router – device that allows the unit to be connected to a local network via Ethernet cable or Wi-Fi coverage for remote monitoring.
- **OVPN**** - 3G LAN-Wi-Fi router with VPN tunnel – device that allows the unit to be connected remotely with an industrial router using the secure OPENVPN service.
- **i-CR2**** - Wall-mounted remote control – Modbus remote controller with negative LCD and capacitive keys. The device is intended to be used as a remote unit keypad with local temperature sensing and replicates the functions of the on-board unit controller.
- **e-LITE**** - Color touch-screen wired controller, which can be used as a remote keypad for the heat pump, as it replicates the functions of the on-board unit display. It is equipped with local temperature sensing and time scheduling.
- **e-Pro**** - Color touch-screen Wi-Fi wired controller that allows both local and remote control via the MyMaxa app.
- **Hi-TV415**** - Color touchscreen wired remote controller for centralized management of a chiller/heat pump cascade, for up to 7 units.
- **Connect Box**** - Wi-Fi communication gateway for the Maxa Connect App.

* Factory-mounted accessory available only for sizes 10-12-14-16

** Accessories not usable simultaneously

Versions

- **i-32V5/KA** - Reversible heat pump with kit
- **i-32V5SL** - Silenced reversible heat pump
- **i-32V5SL/KA** - Soundproofed reversible heat pump with integrated antifreeze kit



e-PRO
Wi-Fi multifunction remote controller
ACCESSORY



e-LITE
Multifunction remote controller
ACCESSORY



Hi-TV415
Touch screen remote controller for cascade management (max 7 units)
ACCESSORY

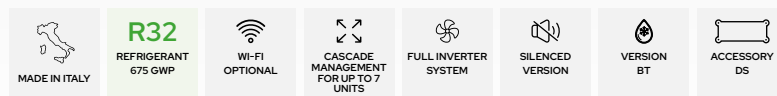
i-32V5C Midi



Air-cooled inverter monobloc R32 water chiller

21 kW–32 kW

The chillers of the i-32V5C Midi range have been designed for residential and commercial applications. The use of brushless inverter compressor technology, combined with the electronic expansion valve, the variable-speed circulator and fan, optimizes energy consumption and the operating efficiency of the refrigeration components.



DC inverter twin-rotary hermetic compressor, specifically designed for operation with R32, equipped with thermal protection and mounted on rubber anti-vibration supports.

Casing: structure made of hot-dip galvanized steel sheet profiles and panels, polyester powder coated, RAL 7035 textured finish, weather-resistant.

User Side Heat Exchanger: brazed plate heat exchanger in AISI 304 stainless steel, coated with black flexible closed-cell elastomeric foam.

Source Side Heat Exchanger: the air heat exchangers are made entirely of aluminum using microchannel technology.

Fans: axial type with brushless DC motor, with airfoil-profile blades. They are statically and dynamically balanced.

Refrigeration Circuit:

- Filter drier;
- Shut-off valve on the liquid line;
- Liquid flow and moisture indicator;
- Electronic expansion valve
- Charge connections;

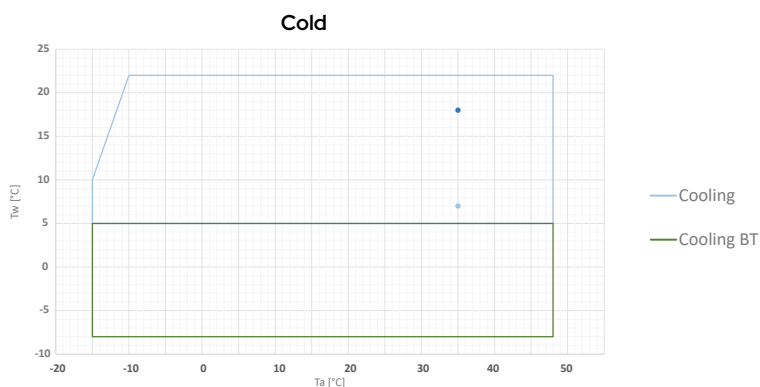
- High-pressure safety pressure switches
- High and low pressure transducers

Standard Components

- Electronic circulator
- EEV – electronic thermostatic valve
- Liquid indicator
- Water-side safety valve
- Drain valve
- Flow switch (flow presence signaling)
- Clean remote on/off contact
- Dynamic setpoint
- Three-phase relay for phase sequence/failure monitoring
- Fan speed controller (ECM fans)
- 2nd setpoint

Electrical Panel and Control: fully manufactured and wired in compliance with IEC 60335-2-40.

Operating Areas



Tw: water temperature – Ta: outdoor air temperature

Accessories

Factory-installed

- **KA1** - Anti-freeze heater on: heat exchanger and pump - Electric heater installed on the front side of the plate heat exchanger, which is activated when the water temperature inside the exchanger drops below +4°C. If the selected hydronic kit includes the pump, this component will also be equipped with a heater that protects it from ice formation.
- **TR1** - Microchannel coil with Aero surface treatment. The treatment consists in the application by spraying of a special water-based coating made of new resins with very high chemical resistance. The product is flexible to withstand thermal contractions and expansions, UV-resistant, dirt-repellent, mechanically resistant, with very limited heat transfer losses and practically no effects on air-side pressure drops. The treatment withstands 6000 h according to ASTM B117.
- **TRIC4** - Anti-corrosion treatment on coil and sheet metal - includes a TR1-type treatment on the coil and, in addition, the hot-dip galvanized steel panels are painted so as to make them suitable for unit installation in C4H environments, according to UNI EN 12944. The external fastening hardware is made of AISI 304 material, class A2.
- **GI** - System management module - allows the management of the following functions: management of the booster circulation pump with the aid of a room thermostat (not supplied); management of the mixing valve on the system side in both heating and cooling modes; management of solar-thermal integration.
- **CM** - BMS connectivity setup - ModBus protocol included - accessory that enables the connection of the unit to external controllers via serial cable with RS-485 electrical standard and ModBus RTU protocol.
- **RP** - Coil protective grilles - wire mesh to prevent foreign objects from entering the coil and to protect the coil from accidental contact with objects or people.
- **IM** - Circuit breakers on compressors - Overcurrent switches applied to compressors, protecting components from faults caused by possible current spikes.
- **DS** - The unit with desuperheater includes the addition of a brazed-plate heat exchanger made of AISI 316 stainless steel, factory-insulated, a variable-speed circulator, and a remote temperature sensor. The desuperheater allows partial recovery of the condensation heat.
- **SL** - thanks to the use of dedicated acoustic panels, it ensures low sound emissions.

Provided separately

- **AG** - Anti-vibration kit - designed to prevent transmission of vibrations to the structure; must be installed under the unit, in the dedicated mounting holes.
- **VRC** - Condensate drip tray - galvanized sheet metal container to be installed at the base of the unit for collecting condensate water.
- **FY** - Y-strainer - contains a stainless steel mesh screen (500 µm filtration) that collects solid materials present in the water. Filtration prevents blockage and/or damage to the devices installed downstream of the strainer. Alternatively, it is possible to install a dirt separator that ensures a filtration level not greater than 1 mm (in this case, it is no longer necessary to install the Y-strainer).
- **FD** - Dirt separator - allows the heavier impurities present in the hydraulic circuit to be stopped and retained, as they are captured by a synthetic filter mesh and collected in a settling chamber. A magnetic device located inside the body of the dirt separator also makes it possible to trap ferromagnetic particles.
- **VDIS3** - Diverter valve - 3-way motorized ball valve Kvs 20.8, F 1" 1/4 connections, complete with actuator.
- **ACT** - Technical storage tank (see dedicated section).
- **VSA** - Anti-freeze thermal discharge valve - a valve capable of opening at 0°C to prevent ice formation inside the pipes.
- **ISK**** - USB/RS485 serial converter - interface device capable of reading and writing control registers via the RS485 standard and converting them to a USB port that can be connected to any supervision system.
- **LNC**** - LAN-Wi-Fi router - device that allows the unit to be connected to a local network via Ethernet cable or Wi-Fi coverage for remote monitoring.
- **OVPN**** - 3G LAN-Wi-Fi router with VPN tunnel - device that allows the unit to be connected remotely with an industrial router using the secure OPENVPN service.
- **i-CR2**** - Wall-mounted remote control - Modbus remote controller with negative LCD and capacitive keys. The device is intended to be used as a remote unit keypad with local temperature sensing and replicates the functions of the on-board unit controller.
- **e-LITE**** - Color touch-screen wired controller, which can be used as a remote keypad for the heat pump, as it replicates the functions of the on-board unit display. It is equipped with local temperature sensing and time scheduling.
- **Hi-TV415**** - Color touchscreen wired remote controller for centralized management of a chiller/heat pump cascade, for up to 7 units.
- **Connect Box**** - Wi-Fi communication gateway for the Maxa Connect App.

** Accessories not usable simultaneously

Versions

- i-32V5C Midi - Chiller standard version
- i-32V5C-BT Midi - The BT version of the unit allows the operating range of the water temperature to be extended

down to -8°C. In this case it is necessary to use a mixture of water and glycol.



e-LITE
Multifunction
remote controller
ACCESSORY

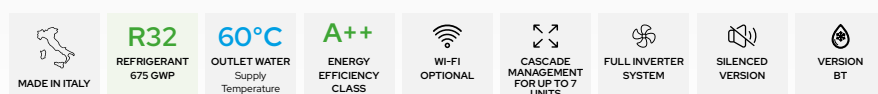


Hi-TV415
Touch screen remote
controller for cascade
management (max 7 units)
ACCESSORY

i-32V5H Midi

Reversible air-to-water inverter monobloc heat pumps with R32

21 kW–32 kW



DC inverter twin-rotary hermetic compressor, specifically designed for operation with R32, equipped with thermal protection and mounted on rubber anti-vibration supports.

Cabinet: Suitable outdoor installation structure made of thick hot-dip galvanized steel sheet profiles, polyester powder coated, RAL 7035 textured finish, weather resistant.

User Side Heat Exchanger: brazed-plate heat exchanger in AISI 304 stainless steel, insulated with black flexible closed-cell elastomeric foam.

Source Side Heat Exchanger: the air exchangers are made of copper tubes and aluminum fins.

Electrical Panel and Control: fully manufactured and wired in compliance with IEC 60335-2-40.

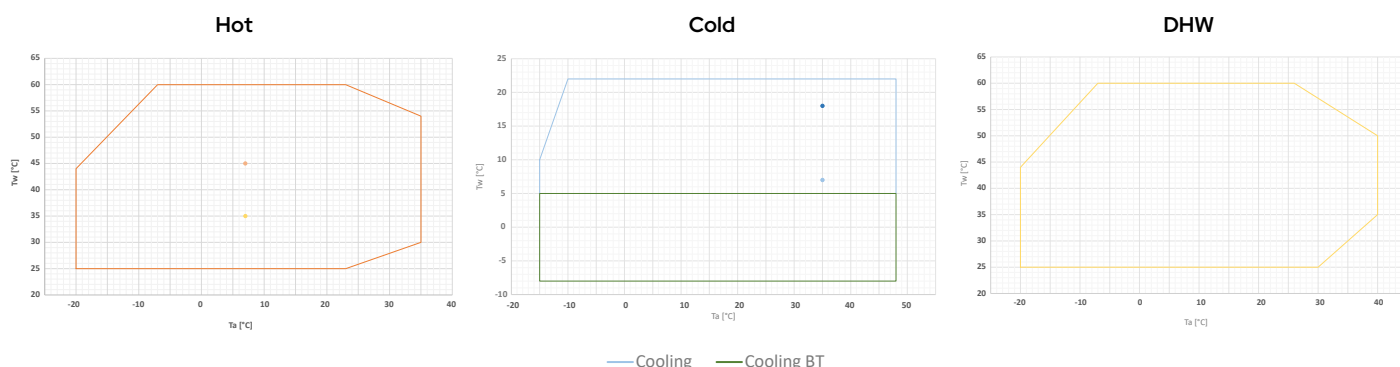
Fans: axial type with airfoil blades. They are statically and dynamically balanced and supplied complete with protection grille and inlet/outlet air nozzle with double flared profile, specially shaped to increase efficiency and reduce noise. The electric motor used is modulated with a directly coupled EC brushless motor and equipped with integrated thermal protection.

The motor has an IP 54 protection rating according to CEI EN 60529.

Standard Components

- Electronic circulator
- EEV – electronic thermostatic valve
- Liquid indicator
- Water-side safety valve
- Drain valve
- Flow switch (flow presence signaling)
- Clean remote on/off contact
- Dynamic setpoint
- Three-phase relay for phase sequence/failure monitoring
- Fan speed controller (ECM fans)
- 2nd setpoint

Operating Areas



Tw: water temperature – Ta: outdoor air temperature

Accessories

Factory-installed

- **KA** - Antifreeze kit (heat exchanger + base) – includes the use of a self-heating cable that is glued to the base of the unit near the condenser coil, and a PET heater positioned on the plate heat exchanger face.
- **TR2** - Anti-corrosion treatment for coils – thanks to the treatment, the coil becomes flexible to withstand thermal expansion and contraction, mechanically resistant, protected against UV rays and dirt-repellent. Heat transfer losses are very limited. The treatment ensures coil protection in virtually all environmental conditions: from coastal to rural areas, from industrial to urban zones. The treatment withstands 6000 h according to ASTM B117.
- **TR2C4** - Anti-corrosion treatment on coil and sheet metal – includes a TR2-type treatment on the coil and, in addition, the hot-dip galvanized steel panels are painted so as to make them suitable for unit installation in C4H environments, in accordance with UNI EN 12944. The external fastening hardware is made of AISI 304 material, class A2. The treatment also includes the fan protection grille, while the galvanized sheets inside the unit (electrical panel casing and inductances) are excluded.
- **GI** - System management module – allows the management of the following functions: management of the booster circulation pump with the aid of a room thermostat (not supplied); management of the mixing valve on the system side in both heating and cooling modes; management of solar-thermal integration.
- **CM** - BMS connectivity setup – ModBus protocol included – accessory that enables the connection of the unit to external controllers via serial cable with RS-485 electrical standard and ModBus RTU protocol.
- **RP** - Coil protective grilles – wire mesh to prevent foreign objects from entering the coil and to protect the coil from accidental contact with objects or people.
- **IM** - Circuit breakers on compressors – Overcurrent switches applied to compressors, protecting components from faults caused by possible current spikes.
- **DS** - The unit with desuperheater includes the addition of a brazed-plate heat exchanger made of AISI 316 stainless steel, factory-insulated, a variable-speed circulator, and a remote temperature sensor. The desuperheater allows partial recovery of the condensation heat.
- **SL** - thanks to the use of dedicated acoustic panels, it ensures low sound emissions.

Provided separately

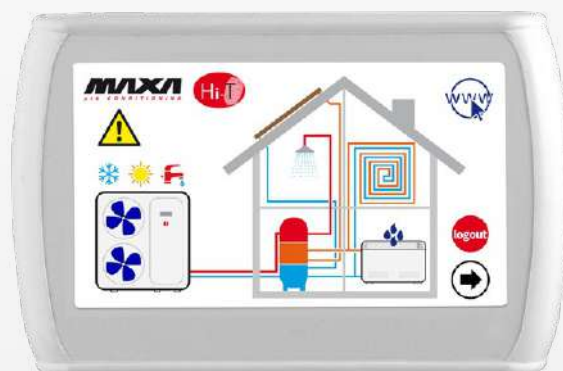
- **SAS** - Domestic hot water probe / Remote system probe – in some system configurations (e.g. heat pump in parallel with the boiler on the same hydronic circuit and diverter valve for boiler exclusion), it may be necessary to enable a system temperature probe so that the unit controller can correctly manage the operation. The remote system probe controls the heat pump temperature only during the compressor start-up phase; shutdown is managed by the probe located on the heat pump flow line.
- **SPS** - Solar panel probe for GI3 – probe required to measure the temperature of the solar panels when the unit is integrated with a solar thermal system.
- **AG** - Anti-vibration kit – designed to prevent transmission of vibrations to the structure; must be installed under the unit, in the dedicated mounting holes.
- **VRC** - Condensate drip tray – galvanized sheet metal container to be installed at the base of the unit for collecting condensate water.
- **FY** - Y-strainer – contains a stainless steel mesh screen (500 µm filtration) that collects solid materials present in the water. Filtration prevents blockage and/or damage to the devices installed downstream of the strainer. Alternatively, it is possible to install a dirt separator that ensures a filtration level not greater than 1 mm (in this case, it is no longer necessary to install the Y-strainer).
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- **VDIS3** - Diverter valve – 3-way motorized ball valve Kvs 20.8, F 1" 1/4 connections, complete with actuator.
- **ACT** - Technical storage tank (see dedicated section).
- **VSA** - Anti-freeze thermal discharge valve – a valve capable of opening at 0°C to prevent ice formation inside the pipes.
- **ISK**** - USB/RS485 serial converter – interface device capable of reading and writing control registers via the RS485 standard and converting them to a USB port that can be connected to any supervision system.
- **LNC**** - LAN-Wi-Fi router – device that allows the unit to be connected to a local network via Ethernet cable or Wi-Fi coverage for remote monitoring.
- **OVPN**** - 3G LAN-Wi-Fi router with VPN tunnel – device that allows the unit to be connected remotely with an industrial router using the secure OPENVPN service.
- **i-CR2**** - Wall-mounted remote control – Modbus remote controller with negative LCD and capacitive keys. The device is intended to be used as a remote unit keypad with local temperature sensing and replicates the functions of the on-board unit controller.
- **e-LITE**** - Color touch-screen wired controller, which can be used as a remote keypad for the heat pump, as it replicates the functions of the on-board unit display. It is equipped with local temperature sensing and time scheduling.
- **e-Pro**** - Color touch-screen Wi-Fi wired controller that allows both local and remote control via the MyMaxa app.
- **Hi-TV415**** - Color touchscreen wired remote controller for centralized management of a chiller/heat pump cascade, for up to 7 units.
- **Connect Box**** - Wi-Fi communication gateway for the Maxa Connect App.

** Accessories not usable simultaneously

Versions

- **i-32V5H Midi** - Reversible heat pump standard version
- **i-32V5H-BT Midi** - Reversible heat pump BT version (for low water temperatures)

CONTROLLERS



Available functions table

GI / GI3 hardware expansion modules

GI module						
	i-32V5	i-32V5 SL	MIDI	i-HPV5	i-MAX	HWA1
						
	10 – 16	12 – 16				
Remote On/Off	□	□	□	□	□	□
Domestic hot water management	□	□	□	□	□	X
Domestic hot water heater integration	□	□	□	■	■	X
Integration of system resistance	□	□	□	■	■	■
Boiler enable integration	□	□	□	■	■	■
Digital contact, dual setpoint	□	□	□	□	■	■
Digital summer-winter contact	□	□	□	□	■	■
Operating mode indication	□	□	□	■	■	■
Defrost cycle in progress notification	□	□	□	■	■	■
Dual-zone management	■	■	■	■	■	■
Alarm/trip notification	□	□	□	■	■	■
Block notification	□	□	□	■	■	■
Remote water system probe	■	■	■	■	■	■
Secondary circulator	■	■	■	■	■	■
Mixing valve	■	■	■	■	■	X
Solar thermal integration	■	■	■	■	■	X
Weather compensation	□	□	□	□	□	□
Function available only with accessory GI		■	* The GI is not compatible with i-32V5 and i-32V5 SL sizes 06A, 08A, 10T A, 12T A, 14T A, 16T A, 18T A			
Function available as standard, no accessories required		□				
Function not available		X				

Remote Controllers Compatibility Table

	i-32V5	i-32V5 SL	MIDI	i-HPV5	i-MAX	HWA1
						
e-Lite 	■	■	■	■	X	X
e-Pro 	■ **	■ **	■	■ *	X	X
i-CR 	■	■	■	■	■	■
Hi-TV415 *** 	■	■	■	■	■	■

* Energy measurements not available

** No backward compatibility with models 06, 08, "T"

*** Necessary accessory for cascade management

Compatible
Not compatible

■
X

GI3 Module

i-32V5 *



i-32V5 SL *



i290 0106-0118



i290 0121-0127



i290 0240-0250



☐	☐	☐	☐	☐	Remote On/Off
☐	☐	☐	☐	☐	Domestic hot water management
☐	☐	☐	☐	☒	Domestic hot water heater integration
☐	☐	☐	☐	☒	Integration of system resistance
☐	☐	☐	☐	☒	Boiler enable integration
☐	☐	☐	☐	☒	Digital contact, dual setpoint
☐	☐	☐	☐	☐	Digital summer-winter contact
☐	☐	☐	☐	☒	Operating mode indication
☐	☐	☐	☐	☒	Defrost cycle in progress notification
☒	☒	☒	☒	☒	Dual-zone management
☐	☐	☐	☐	☒	Alarm/trip notification
☐	☐	☐	☐	☒	Block notification
☐	☐	☐	☐	☒	Remote water system probe
☒	☒	☒	☒	☒	Secondary circulator
☒	☒	☒	☒	☒	Mixing valve
☒	☒	☒	☒	☒	Solar thermal integration
☐	☐	☐	☐	☐	Weather compensation

Function available only with accessory GI3
Function available as standard, no accessories required
Function not available

☒
☐
X

* The GI3 is not compatible with i-32V5 and i-32V5 SL sizes 10, 12, 14, 16

i290 0106-0118



i290 0121-0127



i290 0240-0250



HWA1



HWA2



☒	☒	☒	X	X	e-Lite
☒	☒	☒ *	X	X	e-Pro
X	X	X	☒	☒	i-CR2
☒	☒	☒	☒	☒	Hi-TV415 ***



My Maxa

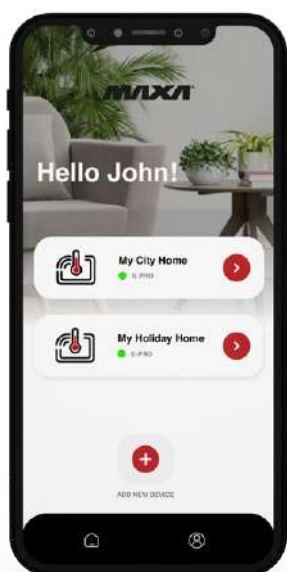
Simplicity, comfort, and complete control at your fingertips with the My Maxa app.

The My Maxa app allows remote management of MAXA heat pumps connected via the e-Pro controller.



Through the My Maxa APP, one or more MAXA heat pump installations can be associated with your user profile, thereby granting you full remote control. The main operations that can be performed using the My Maxa APP are:

- switching the heat pump on and off
- the adjustment of the operating temperature of the heat pump in the different operating modes (heating, cooling, and domestic hot water)
- the transition from manual to programmed operation
- the display of the main operating data of the heat pump
- the weekly time scheduling of the main functions of the heat pump
- the visualization of energy data through time-based charts
- changing the desired room temperature (only with room thermostat function enabled)
- the display of the room temperature (only with the room thermostat function enabled).



Multi-system management

The app is designed to simplify the management of multiple heat pumps associated with the same user profile. A single interface provides a comprehensive overview of all installed systems.



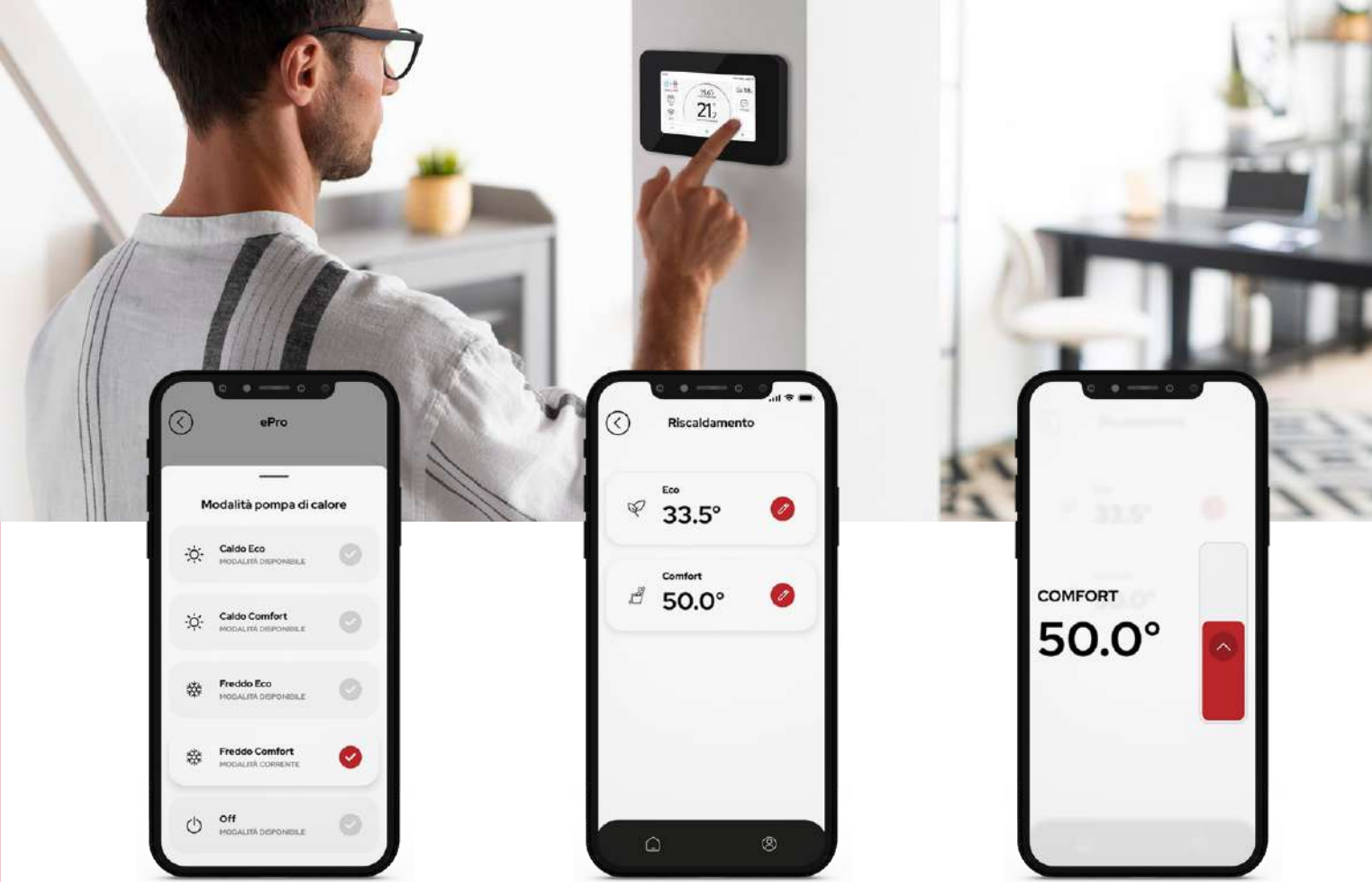
Room temperature control

In **room thermostat** mode, the app allows you to change the set temperature at any time, ensuring precise and immediate control. This function makes it possible to rapidly adapt the system to the users' varying needs.



Immediate monitoring

The **control mode** displays the main operating parameters: the domestic hot water temperature, the current flow temperature, and the outdoor temperature. A single glance provides an overview of the entire situation.



Change of operating mode

From the dedicated section, it is possible to change the heat pump's **operating mode**. This option simplifies seasonal changeover management and allows the heat pump to be adapted to the current needs of the system.

Preset setpoints

Each operating mode allows you to set two customized temperature values, "ECO" and "COMFORT." This function is particularly useful for programming different usage scenarios, helping to reduce energy consumption without sacrificing comfort.

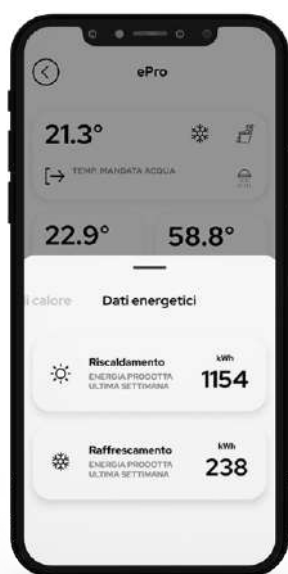
Water temperature control

Water temperature management is made immediate thanks to a dedicated slider. The setting is intuitive and, at the same time, precise.



Chrono-programming

It is possible to schedule both the desired room temperature and the water temperature in the different operating modes.



Real-time energy data

The energy data of the heat pump are always available and presented in a clear and straightforward manner.



Historical analysis

Through dedicated charts, it is possible to view the history of energy data—an advanced tool for monitoring system efficiency and optimizing its performance.

e-Pro

Wired Remote control, Wi-Fi connected

e-Pro is the new smart remote controller by Maxa, designed to provide advanced and intuitive control of heat pumps in residential and commercial applications.

Thanks to 2.4 GHz Wi-Fi connectivity and integration with the My Maxa app, it is possible to manage heating, cooling and domestic hot water production functions simply and efficiently, even remotely, directly from a smartphone. Equipped with a 4" color graphic LCD display with touch-screen technology, e-Pro combines elegant design with a modern, intuitive interface designed for wall installation.

The user can quickly access all operating settings through dedicated pages, such as heat pump control or the room chronothermostat, ensuring a comprehensive and immediate user experience.

e-Pro also incorporates advanced energy efficiency functions, such as automatic room temperature control and dynamic adjustment of the supply temperature based on outdoor conditions.

The result is an intelligent management system that optimizes energy consumption, enhances comfort, and ensures maximum efficiency in every season.



e-Pro is compatible with Maxa heat pumps from the i-290 (0106-0127), i-32V5, i-32V5SL, Atria, and i-32V5 Midi ranges.

Main functions

- Temperature control for heating, cooling and domestic hot water production
- Real-time diagnostics and data visualization
- Setting and management of setpoints
- Daily and weekly scheduling for cooling, heating, domestic hot water production, and room temperature
- Selection of climatic curves for cooling and heating
- The main European languages are supported

Integrated Energy Efficiency

The advanced energy management system automatically reduces the screen brightness when not in use and adjusts the lighting to ambient conditions. e-Pro consumes less than 1 W in standby, complying with the strictest CE certifications.

Connectivity and Automation

Thanks to the built-in Wi-Fi module, the e-Pro can be connected to the

local Wi-Fi network, ensuring automatic updates and advanced services.

Tailored Comfort

Equipped with an integrated thermostat and customizable modes, e-Pro maintains an ideal climate at all times thanks to daily, weekly, or holiday scheduling.

Intuitive Use

The touch screen interface simulates the presence of backlit keys, providing an intuitive user experience. Dynamic icons offer immediate visual feedback on the status of the heat pump and on active functions, ensuring fast and easy navigation.

Guaranteed Reliability

Each e-Pro undergoes rigorous quality testing with advanced diagnostic functions that ensure maximum long-term reliability. Firmware self-recovery and intelligent alert management ensure that the device is always ready for use.

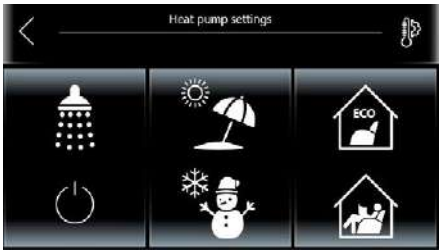
Price list

e-Pro	Wired Remote control, Wi-Fi connected	code	010022520010
		£	450

e-Lite

Multifunction touch screen wired control

e-LITE is a remote control with a touch-screen interface and capacitive color LCD display, designed for wall-mounted installation in indoor residential and commercial environments. Compatible with MAXA heat pumps and water chillers, it uses Modbus communication to ensure simple and effective integration. In addition to serving as a remote control panel for the unit, it is equipped with a local sensor for temperature detection, thus ensuring precise and reliable comfort management. e-LITE can be configured with a single machine and does not allow network management of multiple units, while still ensuring accurate, centralized control of system performance.



e-Lite is compatible with Maxa heat pumps from the i-290, i-32V5, i-32V5SL, Atria, i-32V5 Midi, and i-HPV5 ranges..

The e-Lite remote controller replicates all the functions available on board the MAXA unit, including:

- Switching on and off
- Setting the operating mode
- Setpoint configuration (heating, cooling, domestic hot water production)
- Real-time diagnostics and data visualization

- DHW production enablement
- Enable dual setpoint.
- Dynamic setpoint enablement
- Room thermostat
- 12 Vdc power supply included
- Micro SD slot for firmware updates

Price list

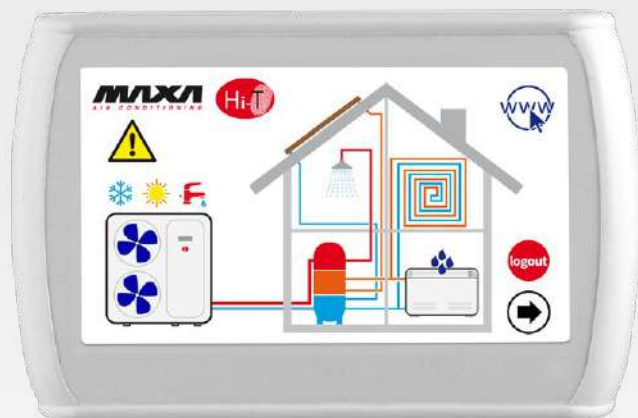
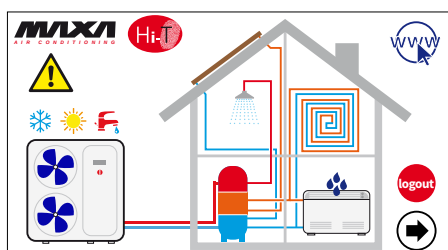
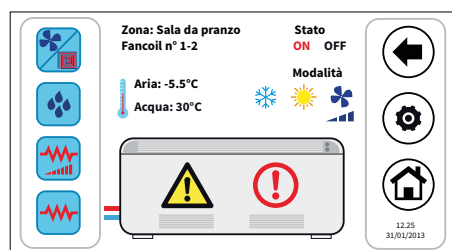
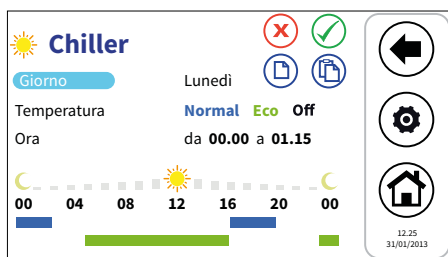
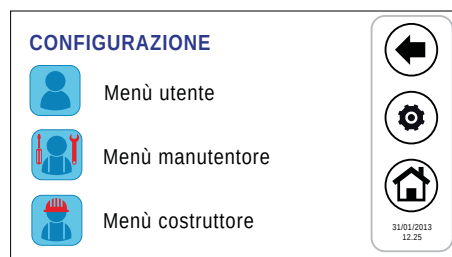
e-Lite	Multifunction touch screen wired control	code	0110490101
		£	450

Hi-TV415

Multifunction touch screen wired control

Hi-TV415 is a touchscreen remote control designed to ensure efficient management of both single systems and complex systems consisting of multiple units in cascade. Thanks to its integrated temperature and humidity sensor, the device not only enables thermo-hygrometric monitoring of the environment, but also provides thermostat functionality with dual setpoint control, ideal for underfloor radiant systems equipped with dehumidification units. Equipped with an intuitive color graphical interface enhanced by easily understandable synoptic diagrams, Hi-TV415 simplifies the use and configuration of all functions. It can be used as a remote panel for a single chiller or heat pump, as a room thermostat for zone management, or as a centralized control system for a network of chillers, heat pumps, and RFC systems.

The controller monitors and periodically polls the network, with a cycle time that varies according to the size of the fan coil and/or heat pump system. In multicircuit systems, the parameters and resources relating to the first circuit are displayed. Hi-TV415 therefore represents a complete, versatile and intuitive solution for advanced plant control.



Price list

Hi-TV415	Multifunction touch screen wired control	code	0110490098
		£	640

i-CR2

Touch-screen wired control

Touchscreen remote control with negative LCD display and capacitive keys, designed for residential and commercial applications. Developed as a Modbus remote keypad, it allows management of a single unit by conveniently replicating all main on-board control functions, such as probe reading and parameter access, directly from the home or installation site.

Configurable exclusively with a single unit and not with machine networks, i-CR2 stands out for its ease of use, elegant design, and reliability, making it the ideal solution for the daily control of heat pumps or water chillers.



Other important functions are listed below:

- Dual setpoint.
- Weekly programmable room thermostat.
- Anti-legionella cycle.
- Alarm history.
- Room thermostat



ON/OFF BACKLIGHT

Function operating at thermostat level; switches the LED and backlight on and off. When in OFF mode, the keypad does not accept commands. This function has no effect on unit control, but enables/disables interaction with the thermostat. It allows exiting the menu. If pressed for 3 seconds, it activates standby mode and locks the keypad (the padlock icon appears). This function has no effect on unit control, but enables/disables user interaction with the thermostat keypad.



UP

Allows you to move to a higher-level menu or increase the value of a parameter



DOWN

Allows you to move to a lower-level menu or to decrease the value of a parameter.



CHRONOTHERMOSTAT

Allows you to set the operating ranges for thermostat control based on the room temperature measured by the sensor integrated in the i-CR2.



SEASON CHANGE BUTTON

A prolonged 3-second press is required to change the operating mode (season) or to switch the heat pump or chiller to OFF.



ENTER KEY

Allows entering the menus or confirming a parameter

Price list

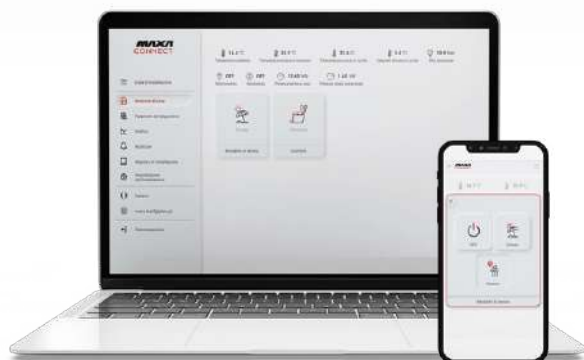
i-CR2	Touch-screen wired control	£	319
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Connect Box

Gateway Wireless

Connect Box is the ModBus-to-Wi-Fi converter that enables direct interfacing between MAXA heat pumps and the local network, allowing full management via the Maxa Connect application. Once connected to the home router, the device immediately links the heat pump to the MAXA cloud, providing simple and instant access to all operating information.

Connect Box is compatible with Maxa heat pumps from the i-290, i-32V5, i-32V5SL, i-32V5 Midi and i-HPV5 ranges.



Through the **Maxa Connect** app, available both as a mobile application and as a Web App accessible from any browser, you can monitor key parameters in real time, such as system water temperatures, set operating modes, and check instantaneous power and the thermal energy produced. The intuitive interface ensures a comprehensive user experience that is accessible to everyone.

The ease of installation and seamless integration with the onboard electronics make Connect Box an ideal solution not only for residential applications, but also for commercial and tertiary settings, where it enables plant managers to directly and precisely control operating parameters.

Intuitive user interface

User-friendly interface that enables users to easily monitor and manage their systems and installations.

Diagnostics and monitoring

Advanced diagnostic tools enable real-time monitoring of system status, allowing rapid identification and remote resolution of issues. View and access a complete history of alarms/events.

Safety



Use of cutting-edge security technologies to protect data and ensure secure communication with service technicians.

Remote configuration

The platform allows remote adjustment of system and installation settings, minimizing the need for a technician to be physically present on site. 24/7 access to installations. Management of schedules and modification of installation parameters.

Start My Connect

Connect Box allows authorized service centers to interact with the heat pump through the dedicated professional app: Start My Connect.

The latter enables the pairing of the Connect Box with the user's heating system.

Price list

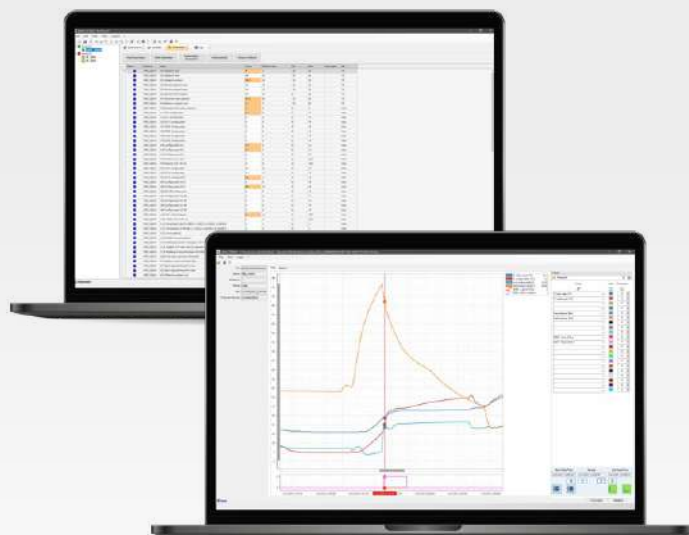
Connect Box	Gateway Wireless	code	0110490103
		£	309

Maxa Das

Supervision, monitoring and analysis system

The MAXA DAS software was developed to meet the need for a complete, high-performance program for carrying out parameter configurations and testing on the production line. It makes it possible to collect all information related to the unit's production, and allows the test engineer to analyze process data intuitively through a programmable graph. In addition, it is designed to be used by after-sales office staff, service centers and installers as an analysis and monitoring tool for MAXA units during commissioning, maintenance, and in the event of operating faults.

Compatible with i-290, i-32V5, i-32V5 MIDI, i-HPV5, i-MAX, HWA1-A, HWA1-A/H.



Maxa SCADA

It is the beating heart of the DAS system: a PC software application associated with a license—free of charge if linked to the purchase of a connection device—that acquires all data and parameter settings of the unit or system in real time and sends them to the graphical visualization system.

- Multi-connection system with local units or units integrated into a LAN/Wi-Fi network, also suitable for remote connections.
- Simple and intuitive tree-based selection of the model to be monitored.
- Forced unit status.
- Monitoring of system variables, with an alarm notification system via pop-up or email.
- Unit parameterization.
- Process logging.
- Event logging and data traffic debugging.
- Import of new models or updated revisions via quick library import.
- User access level management.
- Available in Italian and English
- Online help
- Multiple levels of user management.

- Graphical analysis of the acquired measurements with customizable traces.
- List of alarm activations and deactivations and timestamp.
- Cursor functionality for viewing and navigating the plotted data.
- Zoom for analysis on a temporal detail or a specific range of values.
- Real-time update of an ongoing process.

Connectivity

There are three ways to connect our heat pump to the DAS monitoring system, each with a different level of operability.

- **Serial converter – Accessory ISK:** Direct connection to the units via RS-485 serial cable and USB. For quick maintenance performed directly on the units.
- **LAN-WiFi Router – Accessory LNC:** Connection of the units to a local network via Ethernet cable or WiFi coverage. For local remote monitoring, ideal for residential and commercial applications.
- **4G LAN-WiFi Router with VPN Tunnel – OVPN Accessory:** Remote connection of units via industrial router using a secure, protected OPENVPN service. For unlimited long-distance monitoring worldwide.

Maxa TREND

Useful for heat pumps and cooling-only units, it displays all ongoing processes through configurable, multi-level customizable graphs.

Price list

ISK	USB RS-485 serial converter, includes one Maxa DAS license	code	0110490065
		£	128
Low Noise Cabin	Local LAN/Wi-Fi gateway, includes one Maxa DAS license	code	0110490068
		£	319
OVPN	Remote OpenVPN converter LAN/Wi-Fi/4G, includes one Maxa DAS license	code	0110490069
		£	988
High-gain antenna	High-gain antenna, accessory for 0110490069	code	0110490070
		£	277
OpenVPN Client first year for Computer	Client subscription on computer, 1st year for 0110490069	code	0110490071
		£	137
OpenVPN Client first year per machine	Client subscription on machine 1st year for 0110490069	code	0110490072
		£	137
OpenVPN subsequent years	One-year extension for each client subscription (Computer / Machine) for 0110490069	code	0110490073
		£	69

FAN COILS & HYDRONIC TERMINALS



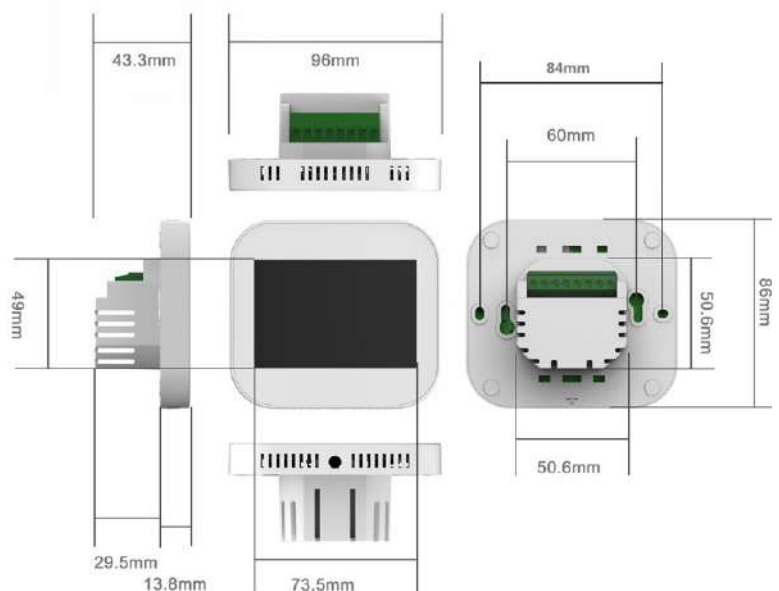
Controls for hydronic terminals

Airmust 3V A1 / 010 A1

Wi-Fi touch screen control / chronothermostat for wall installation



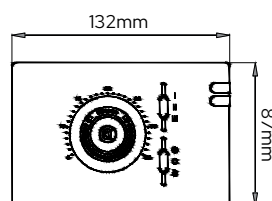
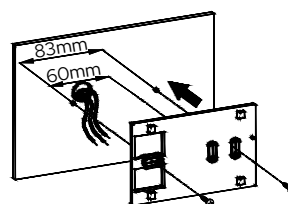
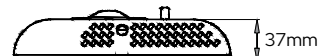
- 3.5" color LCD touch screen
- LCD resolution: 480x320 px
- Power supply 230V
- Maximum current (3V A1): 3A
- Thermostat function included
- Modbus
- 2.4G Wi-Fi connectivity
- APP available for Android and iOS: My House Pro
- 3-speed version (3V) or for 0-10 V motors (010)
- For 2-pipe and 4-pipe systems
- Window contact input
- Water probe inlet
- Automatic brightness
- Room temperature sensor
- Relative humidity sensor
- Operating mode management
- Mounting pitch with European standard
- Temperature and humidity measurement history
- Automatic changeover from cooling to heating mode
- Automatic management of daylight saving time / standard time changeover
- Multilingual
- Weekly schedule
- Weekly scheduling



Air-Cooled Chiller

Three-speed wall-mounted thermostat

- Wall-mounted thermostat 230V
- Relay contacts 5A/230V
- 3-speed fan selector
- Off-On-Manual Selector
- Management of 2-pipe system with or without 230V on-off valves



Airmust BMCP A1

Wi-Fi touch-screen controller for on-board installation on VSL fan coil units



- LCD display with five touch function keys
- Power supply 230V
- Maximum current: 5 A
- Thermostat function included
- Modbus
- 2.4G Wi-Fi connectivity
- App available on the stores for Android and iOS: SmartLife
- For 3-speed fan coil units
- For 2-pipe and 4-pipe systems
- Window contact input
- Water probe inlet
- Room temperature sensor
- Operating mode management
- Automatic changeover from cooling to heating mode
- Weekly scheduling (App only)

Airmust P

Wi-Fi touch-screen controller for wall-mounted installation



- LCD display with five touch function keys
- Power supply 230V
- Maximum current: 5 A
- Thermostat function included
- Modbus
- 2.4G Wi-Fi connectivity
- App available on the stores for **Android and iOS: SmartLife**
- For 3-speed fan coil units
- For 2-pipe and 4-pipe systems
- Window contact input
- Water probe inlet
- Room temperature sensor
- Operating mode management
- Automatic changeover from cooling to heating mode
- Weekly scheduling (App only)



* Images related to Airmust BMCP A1 and Airmust P models

Price list

	Code	£
AIRMUST 3V A1	011993780000	229
AIRMUST 010 A1	011993790000	237
AIRMUST BMCP A1	012508260000	237
AIRMUST P	012508170000	237
Air-Cooled Chiller	0119950036020	102
SND-A3*	011993800000	9

* Compatible only with Airmust 3V A1 and 010A1 models

Compatibility table

					
	Air-Cooled Chiller	AIRMUST BMCP A1	AIRMUST P	AIRMUST 3V A1	AIRMUST O10 A1
GRIMPER MSL	X	X	■ (3)	X	X
GRIMPER VSL	X	■ (3)	■ (3)	X	X
GRIMPER BSL	X	X	■ (3)	X	X
VE: VMI, VMF, OMP, OMI	■	X	■ (1) (3)	■ (1)	X
VE: VII, VIF, OIP, OII	■	X	■ (1) (3)	■ (1)	X
VE: VMI, VMF, OMP, OMI Vers. MB	X	X	X	X	■ (1) (4)
VE: VII, VIF, OIP, OII Vers. MB	X	X	X	X	■ (1) (4)
HCN	■ (2)	X	■ (1) (3)	■ (1) (2)	X
HCN - Vers. MB	X	X	X	X	■ (1) (4)
HCNP	■ (2)	X	■ (1) (3)	■ (1) (2)	X
HCNP - Vers. MB	X	X	X	X	■ (1) (4)
HCNA	■ (2)	X	■ (1) (3)	■ (1) (2)	X
HCNA - Vers. MB	X	X	X	X	■ (1) (4)
(1) Not compatible with TMB – SND-A3 accessory required (2) Check the power consumption; if necessary, add the SDI accessory. (3) If necessary, add the STSL accessory for minimum winter temperature control. (4) SDI accessory not required				Compatible Not compatible	■ X

Grimper Fan

Ultra-slim fan coil unit

0.9 kW–3.4 kW

The 12cm thick **Grimper Fan range** is 10% thinner than its competitors in the slim segment.

Il **pannello hardened glass front** is interchangeable on both sides to allow piping to be connected on the left/right side without additional operation.

Una a feature that distinguishes the range is the **assenza front intake grilles**, thanks to the innovative ventilation system that improves battery performance when working at negative pressure.

Tutti the models are equipped with **ventilatori EC**, which improves quietness ensuring a noise level of less than **20 dB(A)**.



The absence of front grilles allows for versatile Grimper Fan installation even in the tightest spaces.

The MSL and VSL models are compatible with 2- and 4-pipe installations, while the BSL model is compatible with 2-pipe installations.

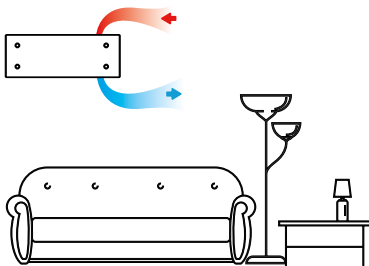
Completano the range i **filtri stainless steel pleated** with unlimited life, the **ventilatore aluminum tangential** and an included infrared **telecomando** (BSL, MSL models).

The entire Grimper Fan range offers simple and intuitive management thanks to the use of a touch screen control wire (accessory), and a convenient dedicated app. IT is possible to manage one or more connected units, both in residential and commercial settings.

La the range is made up of three models:

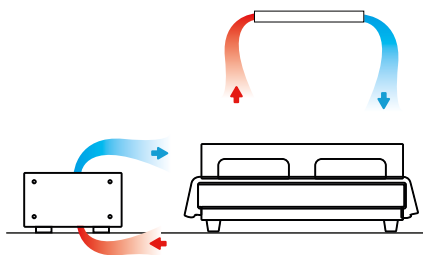
Grimper Fan MSL

High-wall installation



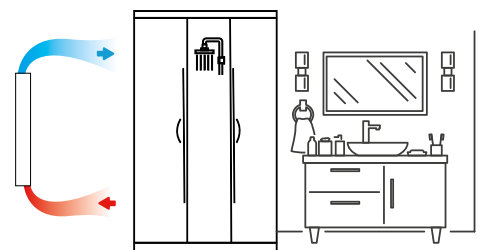
Grimper Fan VSL

Floor or ceiling installation



Grimper Fan BSL

Bathroom installation



Accessories

Supplied separately, common to the range

- **STSL**: Minimum water temperature sensor

Exclusive accessories for VSL model

- **2V2VSL**: 2-way straight valve kit with microswitch for VSL 09-27
- **2V2VSL34**: 2-way straight valve kit with microswitch for VSL 34
- **3V2VSL**: 3-way bypass valve kit with microswitch, 2-pipe, for VSL 09-27
- **3V2VSL34**: 3-way bypass valve kit with microswitch, 2-pipe, for VSL 34
- **3V4VSL**: 3-way bypass valve kit with micro switch, 4-pipe, for VSL
- **PEP09**: Rear aesthetic panel VSL 09
- **PEP18**: Rear aesthetic panel VSL 18
- **PEP27**: Rear aesthetic panel VSL 27
- **PEP34**: Rear aesthetic panel VSL 34
- **P-VSL**: Floor anchoring feet for VSL

VE: VMI, VMF, OMP, OMI

Fan coil unit with AC or brushless DC motor, complete with cabinet

1.4 kW–9.49 kW

- Structure in galvanized sheet metal with pre-painted casing and ABS components, complete with thermal and acoustic insulation.
- Complete with regenerable filter.
- Standard gravity-drain condensate collection tray **(for horizontal units only)**.
- Six-speed centrifugal fans, three of which are connected in the standard configuration **(no MB)**.
- Three-row heat exchange coils with copper tubes and aluminum fins featuring a hydrophilic surface treatment for rapid condensate drainage.
- The installation of valve kits is recommended for every type of system.



S version

- Version with silenced motor, reduced condenser
- Thermal and acoustic insulation with reinforced anti-vibration system

MB version

- Brushless motor
- Ventilation modulation 0–100%

Version 4

- Version with second hydronic coil
- For 4-pipe systems
- Additional coil for heating only

Configurations



VMI: Vertical unit with bottom return air



OMP: Horizontal rear return air



VMF: Vertical unit with front air return



OMI: Horizontal unit, bottom return air

Versions

Standard

- **VE VMI:** Vertical, bottom return air
- **VE VMF:** Vertical front return
- **VE OMP:** Horizontal unit with rear return air
- **VE OMI:** Horizontal bottom return

Standard with Brushless Motor

- **VE VMI MB:** Vertical, bottom return with MB
- **VE VMF MB:** Vertical front return with MB
- **VE OMP MB:** Horizontal rear return with MB
- **VE OMI MB:** Horizontal unit with bottom return and MB

Muted

- **VE VMI S:** Vertical unit with bottom return, soundproofed
- **VE VMF S:** Vertical, front return, soundproofed
- **VE OMP S:** Horizontal with rear intake, soundproofed
- **VE OMI S:** Horizontal unit with bottom return, soundproofed

Silenced with brushless motor

- **VE VMI S MB:** Vertical unit with bottom return, soundproofed, with MB
- **VE VMF S MB:** Vertical unit, bottom return, soundproofed with MB
- **VE OMP S MB:** Horizontal unit with rear intake, soundproofed, with MB
- **VE OMI S MB:** Horizontal unit with bottom return, soundproofed, with MB

Available in a 4-pipe version. Refer to the price list for the codes.

Standard VE with left-hand connection. When ordering, it is possible to request connections on the right-hand side.



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