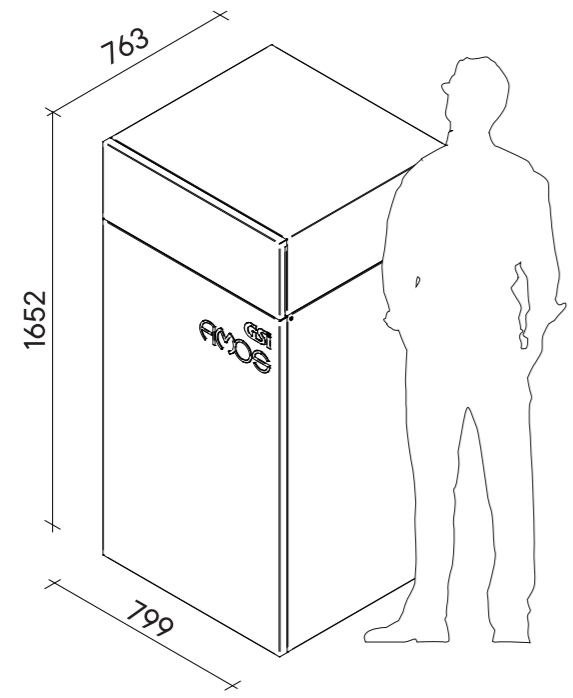




	Amos	2Pipes	4Pipes
<b>Connections</b>			
System Outlet	Ø	1" M	1" M
System Inlet	Ø	1" M	1" M
DHW Outlet	Ø	1" M	1" M
Cold Water Intel	Ø	1" M	1" M
Heat Pump Outlet	Ø	1" M	1" M
Heat Pump Intlet	Ø	1" M	1" M
Safety Valve Drain	Ø	12	12
Single-Phase Electric Heater	Kw	2 - 4	2 - 4
Three-Phase Electric Heater	Kw	6	6
<b>Low-Temperature Conditions (UNI EN 14825)</b>			
Maximum Operating Pressure	bar	10	10
Operating Pressure	bar	1,5	1,5
Maximum Operating Temperature	°C	95,00	95,00
Maximum Operating Pressure of Stainless Steel Coil	bar	12,00	12,00
Test Pressure of Stainless Steel Coil	bar	1,5	1,5
Maximum Operating Temperature of Stainless Steel Coil	°C	95,00	95,00
<b>General Data</b>			
Effective DHW Storage Capacity	L	217	217
Technical Water Stainless Steel Coil Surface Area	m <sup>2</sup>	2,4	2,4
Empty Weight	Kg	194	181,5
Energy Class		C	C



AMOS

MK-DPCAMOS002  
DC.260430



# AMOS

The compact heart of domestic hot water



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Ponte di Piave (TV)  
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info@gsicontrol.it  
www.gsicontrol.it

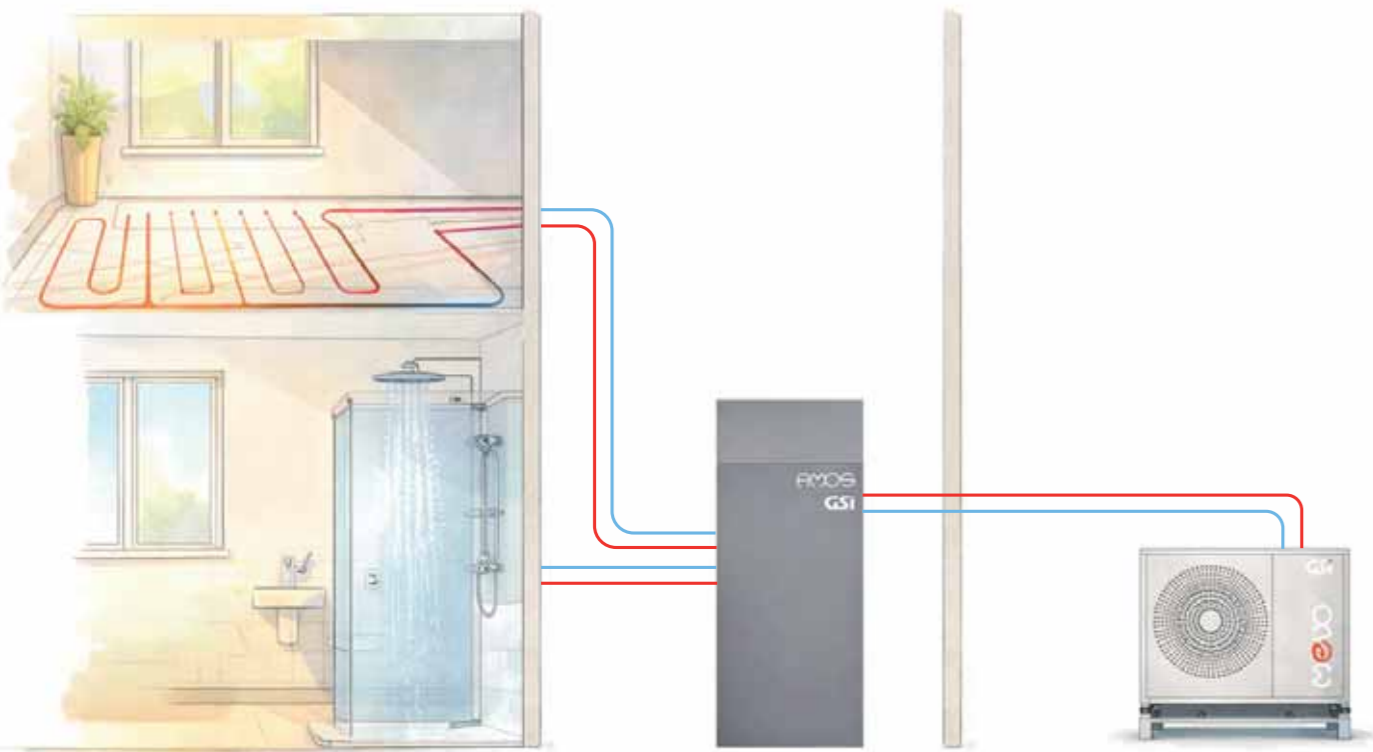




## THE EVOLUTION OF DOMESTIC HOT WATER STORAGE

AMOS is a cabinet-type domestic hot water storage system entirely designed and manufactured by GSI in Italy. A compact and elegant solution that brings together in a single product everything needed to secure the production of domestic hot water, simplifying the system and the installation inside home.

Designed for modern residential HVAC systems, AMOS delivers constant comfort, long-term reliability, and maximum integration with residential-type heat pumps. It is the perfect choice for those seeking a complete, tidy, ready-to-install system capable of combining energy efficiency, practicality, and build quality in one solution.



### WITH MEVO UP TO 12 kW

Designed for full integration with our state-of-the-art **MEVO** heat pumps with thermal power up to 12kW, it ensures hydraulic and functional compatibility, facilitating the creation of efficient, compact, and perfectly coordinated residential systems.

### REDUCED HEIGHT

Designed for installation in laundries, storage rooms, technical rooms, or plant rooms, it provides a neat and protected solution while maintaining full accessibility to components for inspection and maintenance.

### SIMPLIFIED INSTALLATION

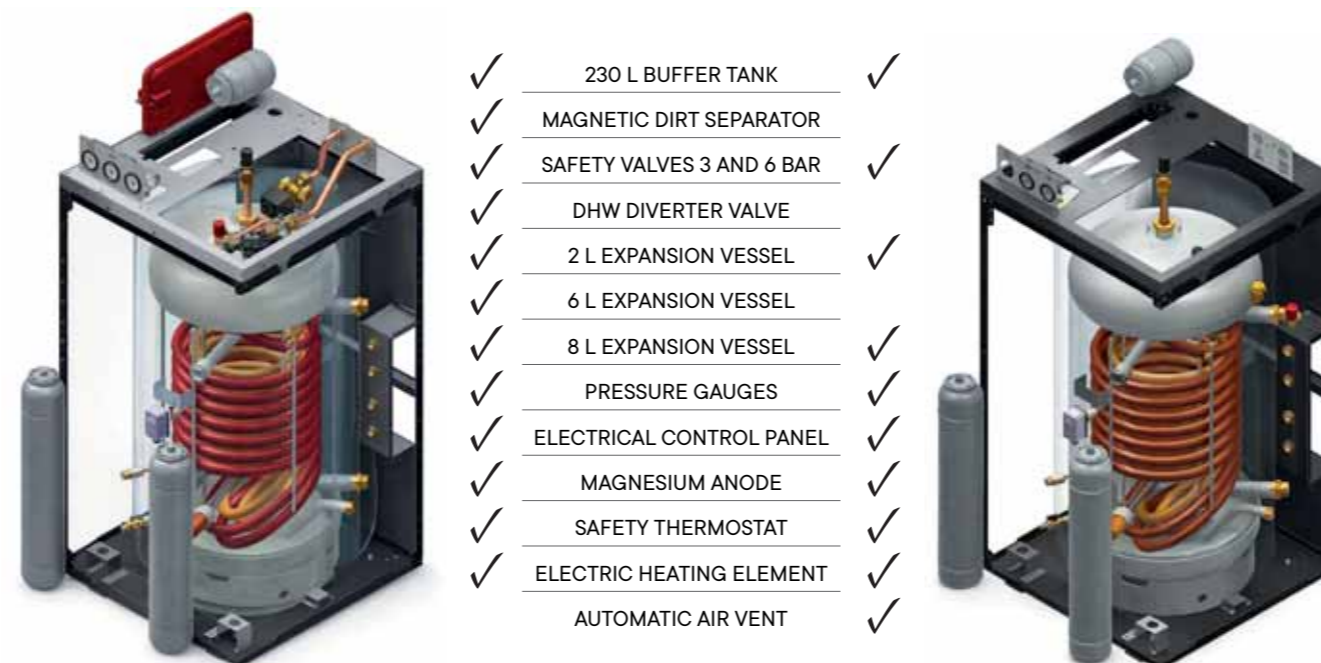
Internal layout and optimized pre-arrangements reduce installation time, simplify hydraulic and electrical connections, and facilitate commissioning and maintenance operations.



## MAXIMUM INTEGRATION, MINIMUM FOOTPRINT

The AMOS system is designed as a compact all-in-one solution, developed to concentrate within a single cabinet everything required for system management and domestic hot water production. Inside, it integrates a **217-liter glass-lined DHW storage tank**, engineered to ensure durability, hygiene, and long service life. The internal vitrification protects the tank against corrosion, while the **double technical coil** with a heat exchange **surface of 2.4m<sup>2</sup>** provides efficient and high-performance thermal transfer. The equipment package includes a 6 kW electric heating element, thermostatic anti-scald mixing valve, safety valves, expansion vessels dedicated to the different circuits, magnesium anode, safety thermostat, and pressure gauges; in the 2-pipe version, a motorized diverter valve and a dirt separator filter are also included.

An integrated solution that optimizes space, installation time, and system management, delivering order, protection, and maximum functionality within a single compact unit.



- ✓ 230 L BUFFER TANK ✓
- ✓ MAGNETIC DIRT SEPARATOR ✓
- ✓ SAFETY VALVES 3 AND 6 BAR ✓
- ✓ DHW DIVERTER VALVE ✓
- ✓ 2 L EXPANSION VESSEL ✓
- ✓ 6 L EXPANSION VESSEL ✓
- ✓ 8 L EXPANSION VESSEL ✓
- ✓ PRESSURE GAUGES ✓
- ✓ ELECTRICAL CONTROL PANEL ✓
- ✓ MAGNESIUM ANODE ✓
- ✓ SAFETY THERMOSTAT ✓
- ✓ ELECTRIC HEATING ELEMENT ✓
- AUTOMATIC AIR VENT ✓

### 2-PIPE VERSION

The **AMOS 2-pipe** version manages space heating/cooling and domestic hot water with a single circuit, thanks to the integrated motorized 3-way "T" diverter valve that prioritizes DHW production. Compatible with **MEVO Standard and Pro**, it ensures an efficient and optimized system.

### 4-PIPE VERSION

The **AMOS 4-pipe** version is dedicated exclusively to domestic hot water production and is designed for pairing with **MEVO Magis**. Thanks to the dedicated circuit, it enables efficient and continuous DHW storage and distribution, ensuring high performance and maximum integration with the system.

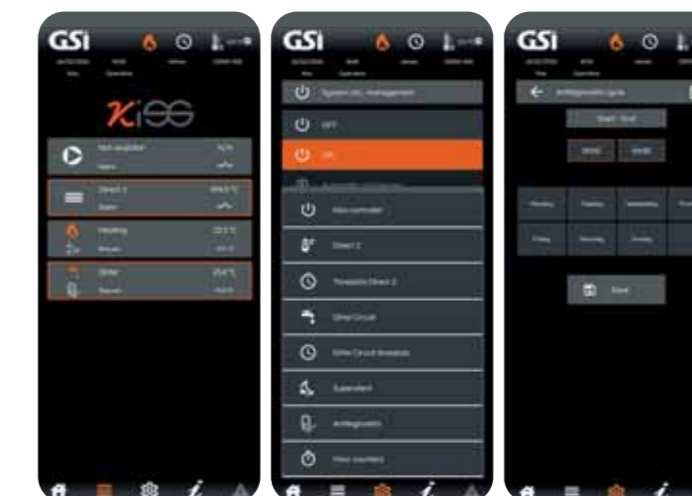
## COMFORT AND PROTECTION WITHOUT WORRY

AMOS is equipped with all needed to perform the anti-legionella cycle, which involves periodically raising the storage temperature to prevent bacterial growth. The cycle needs to be managed via an external controller, ensuring hygiene, safety, and constant protection of domestic hot water.



## DESIGNED TO PROTECT

AMOS integrates **all safety devices directly on board** to ensure installation compliant with regulations. Dedicated safety valves are provided for the different circuits (3 bar heat pump side and 6 bar domestic hot water side), safety thermostat, magnesium anode for tank protection, expansion vessels, anti-scald thermostatic mixing valve with adjustable temperature set, and pressure gauges for continuous pressure monitoring. A complete set of equipment already included, designed to provide maximum protection and peace of mind from the very first installation.



## ADVANCED MANAGEMENT WITH KISS

AMOS integrates an on-board electrical panel for simple and protected connections. Complete storage management is handled by the external KISS panel, which controls the temperature probe, diverter valve (when present), and electric integration, ensuring perfect coordination with the heat pump.

A modular solution that separates power and signal, offering greater flexibility and control of the entire system.

## EXPLORE THE FULL RANGE AND FIND THE SOLUTION THAT FITS YOUR NEEDS



**MEVO Standard**  
Single service operation: space heating or DHW, no system modification.



**MEVO Magis**  
Simultaneous heating and DHW, no system modification.