



MAJibar-CAPI

INTEGRATED SYSTEM
OF WATER PRESSURISATION

BAR

MAJIBAR - CAPI

INTEGRATED WATER PRESSURISATION SYSTEM

When the water network does not supply sufficient pressure and/or quantity of water, MB CAPI makes it possible to guarantee water supply to the highest floors of buildings. MB CAPI guarantees maximum water hygiene, as the water is withdrawn from a closed pressure vessel arriving directly from the water mains without coming into contact with the atmosphere before use. In case the mains pressure is sufficient MB CAPI remains inactive, avoiding wastage of power and allowing a water exchange inside the tank so as to avoid stagnation and consequent bacterial contamination.

CE-certified pressure boosting plant according to European Dir. 2014/68/EU-PED as 'INSIEME' and subject to Declaration of Commissioning (D.M. 329 of 01/12/2004).

SELECTION TABLE

MB CAPI Integrated Pressure Booster System - VEB/IEB

	Plant code	Building			Pre autoclave	Flow rate [m³/h]	Head [m]	Pumps	
		Number Flats	Number Floors	Bathrooms cistern				Power supply 50 Hz	Power max. [kW]
MB CAPI VEB	45/80 M	21	13	2	500	9,6	50,5	1 x 230 V	2,11
	45/80 T							400 V	1,93
	45/120 M	52	10	2	1000	16	42	1 x 230 V	2,83
	45/120 T							400 V	2,6
	60/120 M	52	13	2	1500	16	53	1 x 230 V	3,1
	60/120 T							400 V	3,1
MB CAPI IEB	45/120 M	48	11	2	1000	14,4	45	1 x 208-240 V	1,97
	45/120 T	54	9	2	1500	16,8	38,5	3 x 380-580 V	1,93

Approximate data calculated according to the maximum operating efficiency of the pump.



Reduces space and installation time.

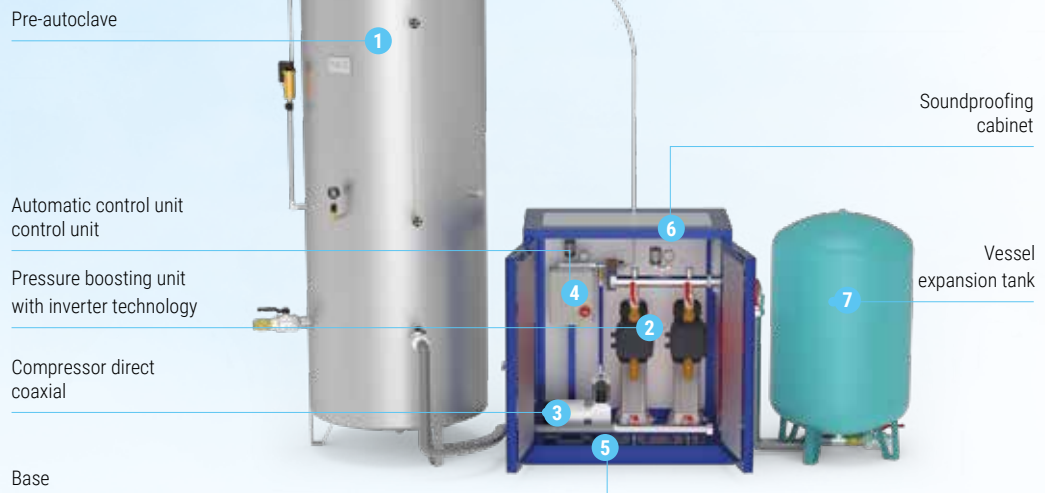
The pre-assembly of the components on the plinth allows the system to be compact, thus reducing occupation space and installation time, as well as facilitating connection, as the Majitekno system is completely pre-assembled and only needs to be connected directly to the water supply, utilities and mains.



MB CAPI - IEB



MB CAPI - VEB



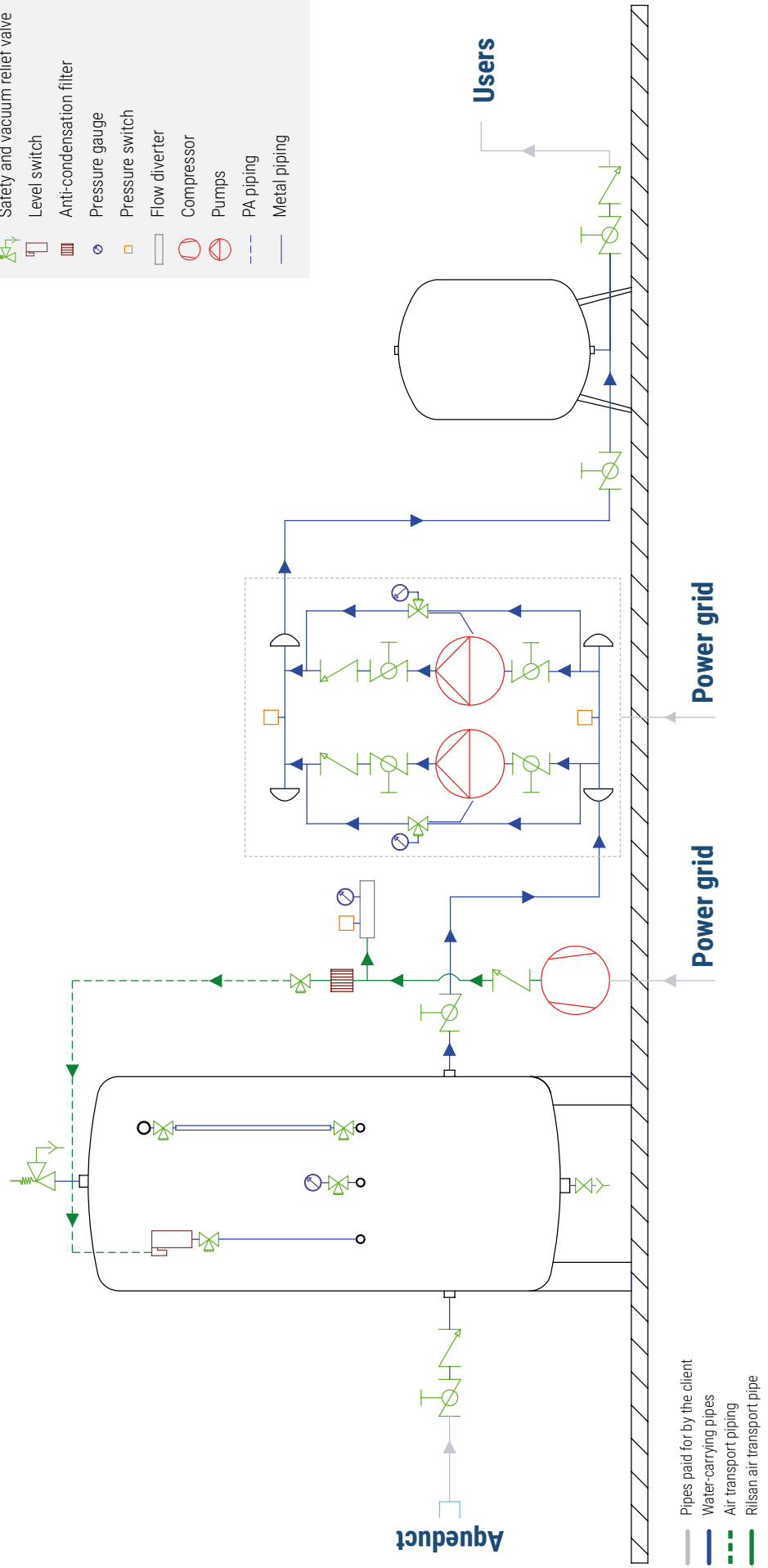
- 1 - Capacity: 500, 1000 or 1500 litres
- Material: galvanised steel;
- Maximum operating pressure: 8 bar.
- Accessories: safety valve, anti-vacuum valve, drain valve, shut-off valves, non-return valve, level indicator, pressure gauge and quick couplings.
- 2 Thanks to the inverter system, the pressurisation units guarantee performance that automatically adapts to the different demands of the system by meeting constant pressure requirements.
- MB CAPI - VEB (Vertical Electronic Booster): variable speed booster set with 2 vertical multistage centrifugal pumps. They are characterised by high reliability, simple operation and minimal maintenance.
- MB CAPI - IEB (Integrated Electronic Booster): variable speed pressurisation unit with 2 vertical electronic multi-impeller pumps housed on the hydraulic connection base. They stand out for their compactness and noiselessness and, thanks to the integrated connectivity, it is possible to view the operating parameters on a smartphone and manage them remotely.

- 3 - Power: 1 HP/0.75 kW;
- Flow rate: 120 l/min.
- 4 Accessories: compressor control panel, flow diverter, pressure gauge, pressure switch, anti-condensation filter, shut-off valve, non-return valve and quick coupling.
- 5 - Material: steel;
- Dimensions: 800 x 1200 mm MB CAPI - IEB
650 x 1200 mm MB CAPI - VEB

Optional

- 6 - Material: pre-insulated metal panels with mineral fibre insulation;
- Sound Insulation: 36.6 Decibel;
- Dimensions: 800 x 1200 x 1300 mm MB CAPI - IEB.
650 x 1200 x 1300 mm MB CAPI - VEB.
- 7 - Capacity: 50, 100, 200, 300 o 500 litres;
- Material: hot-dip galvanised steel;
- Diaphragm: interchangeable food-grade elastic EPDM rubber suitable for containing potable water;
- Maximum operating pressure: 10 bar.

INTEGRATED SYSTEM PRESSURISATION SYSTEM WATER MB CAPI VEB/IEB



THE ADVANTAGES OF THE INTEGRATED SYSTEM MB CAPI - VEB/IEB



Facilitates transport and passage in confined spaces.

The pallet-shaped base (800 x 1200 mm or 650 x 1200 mm) on site facilitates its handling and passage in tight spaces.



It has a neat design.

Placing the components in a box makes that the installation is visually uncluttered and organised.



Reduces noise pollution.

The box made of sound-absorbing panels makes it possible to reduce noise and, consequently, the possibility of being located anywhere, as well as guaranteeing continuous operation of the system.



It guarantees safety and economy.

The pressure tank ensures water hygiene, as it never comes into contact with the atmosphere before being used, and, cost savings, as recovering the pressure from the water mains reduces the pressure required by the pumps.



Maintains constant pressure.

Inverter technology allows constant pressure to be maintained by varying the motor speed according to user demand, which guarantees greater comfort, efficiency and energy savings, as well as less noise pollution.



MB CAPI - IEB improves connectivity.

Allows easy configuration of operating parameters with the possibility of visualisation on a smartphone.



majitekno.com

MAJITEKNO
engineering for water

Majitekno s.r.l.

Registered offices Via L. da Vinci 10 - 23900 Lecco - Italy

Production headquarters Via Ca' Fittavoli 31 - 24030 Barzana (BG) - Italy

T. + 39 035 553042 - info@majitekno.com - www.majitekno.com