

# Energy SAVER



Kit for metering  
in air conditioning  
and heating systems

# Energy **SAVER**

**Prefabricated** and with a **factory warranty**, this kit ensures everything you need supplied in a **single package**.

The kit includes:

- Our pressure independent balancing and control valve **EvoPICV** with equalpercentage characteristic at a mechanical level for a perfect control combined with necessary **actuator** (thermoelectric or electromechanical)
- Pettinaroli heating and cooling **Energy Meter**
- **FilterBall** (cut-off valve with filter included), **by-pass** for cleaning the main pipe and **cut-off valve**
- **Air vent, drain** for direct flushing, **additional pressure port** (before the terminal unit) and **insulation** included complete the kit



**Energy Saver** is the Pettinaroli hydronic kit series for **metering and billing** in water installations dedicated to **air conditioning systems** including ultrasonic thermal **Energy Meter and PICV**

# Energy **SAVER** *COMPACT*

**Factory assembly** gives you the **warranty** that everything you need is supplied in a **single package**.

The kit includes:

**Dynasty** pressure independent balancing and control valve for hard and heavily contaminated water, with the suitable actuator (thermoelectric or electromechanical)

Pettinaroli heating and cooling **Energy Meter**

**FilterBall** (cut-off valve with filter included) **by-pass** for cleaning the main pipe and **cut-off valve**

**Isolation valves** included complete the Energy Saver Compact kit

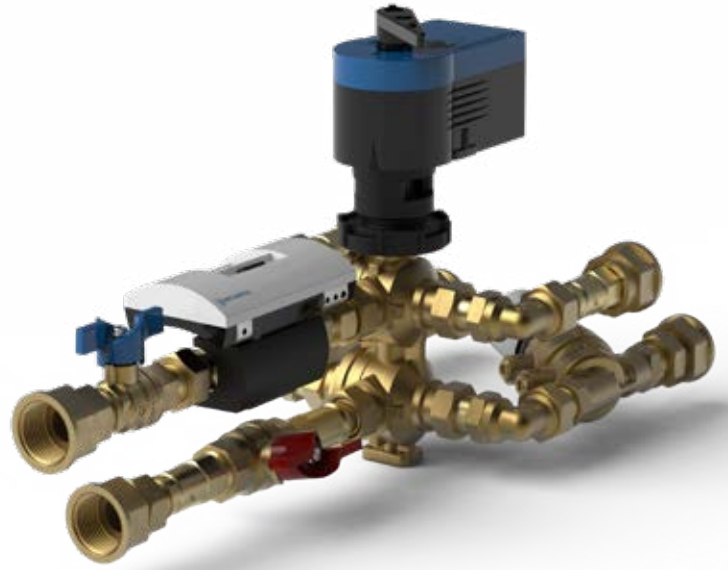


# Energy **SAVER** SWITCH PLUS

Prefabricated and with a factory warranty, this kit ensures everything you need supplied in a single package.

The kit includes:

- **Double Dynasty** pressure independent balancing and control valves for hard and heavily contaminated water, with the suitable **actuator** (thermoelectric or electromechanical)
- **6-way valve EvoSIX** and its electromechanical actuator allowing to select, depending on the needs, the heating or the cooling circuit
- Pettinaroli **Energy Meter** for heating and refrigeration and valve with **temperature probe**



- ✓ Fully **100% factory tested** with Pettinaroli warranty
- ✓ **Flexible and customized** configuration
- ✓ **100% safe**, no flushing and cleaning by PICV
- ✓ **Elimination of errors and delays** at the construction site

## PRODUCT RANGE

### ENERGY SAVER



Pettinaroli "Energy Saver" hydronic kit for metering and billing in water installations for air conditioning systems. Rif. KCX700EB. Insulating case available.

Ø"

1/2" X 150 l/h (0,66 GPM)  
1/2" X 600 l/h (2,64 GPM)  
1/2" X 780 l/h (3,43 GPM)  
3/4" x 1000 l/h (4,40 GPM)  
3/4" x 1500 l/h (6,60 GPM)

### ENERGY SAVER COMPACT



Pettinaroli "Energy Saver Compact" hydronic kit for metering and billing in water installations for air conditioning systems. Rif. KCX700CD. Insulating case available.

Ø"

1/2" x 3/4" x 450 l/h (1,98 GPM)  
1/2" x 3/4" x 850 l/h (3,74 GPM)  
1/2" x 3/4" x 1000 l/h (4,40 GPM)  
1/2" x 3/4" x 1850 l/h (8,15 GPM)

# Energy METER

Pettinaroli ultrasonic Energy Meter for heating and cooling applications certified according to MID directive.

Available with different types of communication protocols.

Male threaded flat face connections.



General technical specifications	
Flow sensor Protection class	IP68
Calculator Protection class	IP65 (EM303) - IP54 (EM403)
<b>Medium in flow sensor</b>	Water
Nominal pressure	PN25
Meter body	CW602N Brass
Temperature sensor cables	1,5 m
Connection cables	1,5 m
Communication protocol	EM303 - M-bus via cable / M-bus Wireless EM403 - M-bus via cable / M-bus Wireless / MODBUS / LoRaWan / BACnet

## ENERGY METERS RANGE

### EM303



Pettinaroli ultrasonic energy meter for heating and cooling applications certified according to MID directive. Available with different types of communication protocols. Male threaded flat face connections.

Ø"

3/4" M - 600 l/h

3/4" M - 1500 l/h

1" M - 2500 l/h

### EM403



Pettinaroli ultrasonic energy meter for heating and cooling applications certified according to MID directive. Available with different types of communication protocols. Male threaded flat face connections.

Ø"

3/4" M - 600 l/h

3/4" M - 1500 l/h

1" M - 2500 l/h

1 1/4" M - 3500 l/h

1 1/4" M - 6000 l/h

2" M - 10000 l/h



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