Calido

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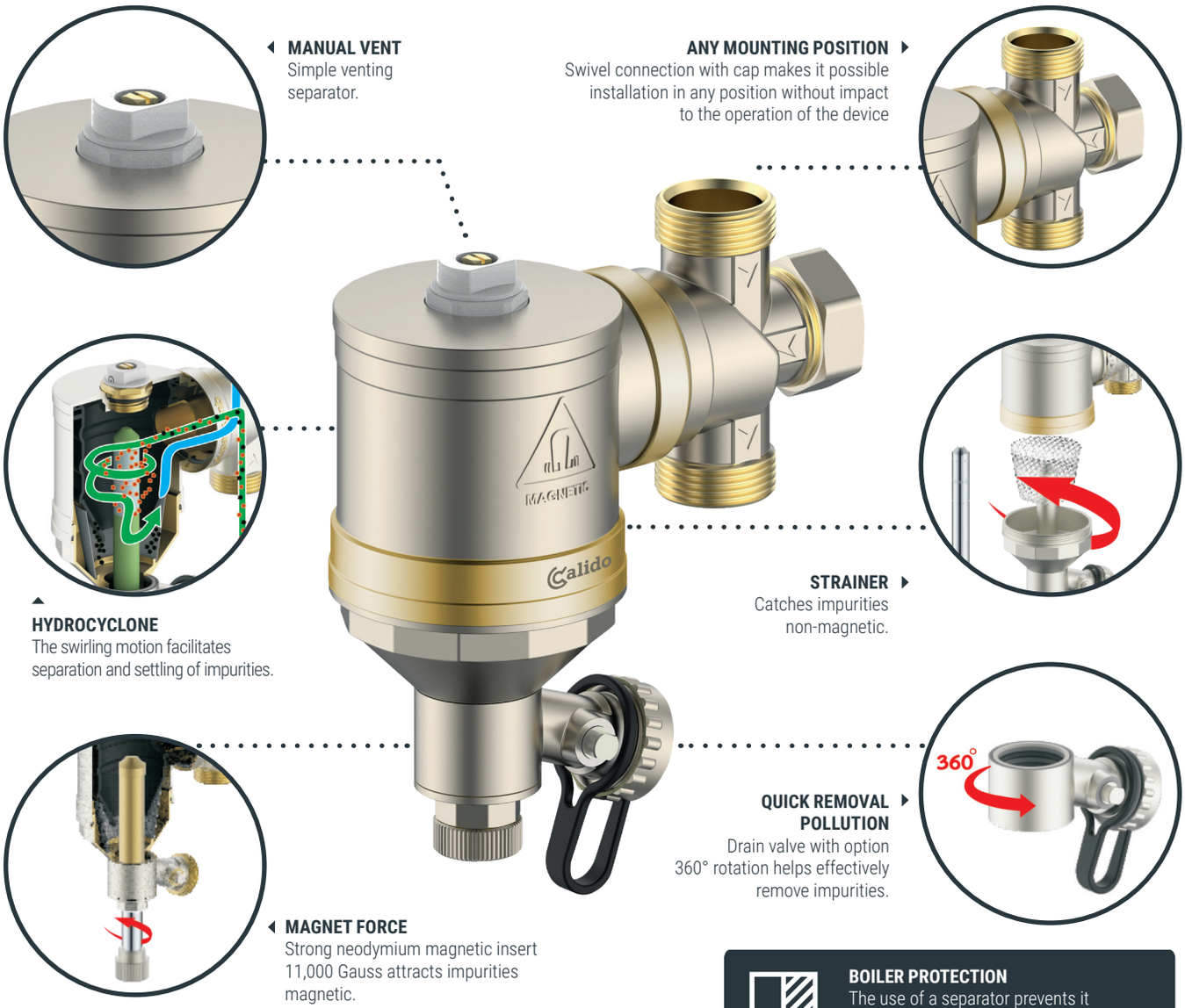
- Maximum efficiency of the heating system
- Multi-stage cleansing heating medium
- Extending the service life heating installations
- Protection of installation components against damage

magnetic SEPARATOR

Effective filtration of impurities in heating installations

Magnetic separator

with filter and sedimentation tank 3/4", 1"



MANUAL VENT
Simple venting separator.

ANY MOUNTING POSITION
Swivel connection with cap makes it possible installation in any position without impact to the operation of the device

HYDROCYCLONE
The swirling motion facilitates separation and settling of impurities.

STRAINER
Catches impurities non-magnetic.

MAGNET FORCE
Strong neodymium magnetic insert 11,000 Gauss attracts impurities magnetic.

QUICK REMOVAL POLLUTION
Drain valve with option 360° rotation helps effectively remove impurities.

BOILER PROTECTION
The use of a separator prevents it deposition of harmful pollutants and sediment.

THREE STEP CONTAMINATION ELIMINATION

The operation of the magnetic separator is based on the principle of hydrocyclone in combination with magnetic and mechanical elimination of impurities.

The factor from the heating system flowing into the separator chamber is set in a swirling motion and subjected to action magnetic field to separate the magnetic particles.

Solid contaminants are captured by the mesh filter located in the lower part of the separator and pass to the settler. The cleaned heating medium, after passing through the mesh filter, flows through the outer jacket filter for the installation.

TECHNICAL PARAMETERS

- **P max:** 10 bar
- **T max:** 110°C
- **Flow rate:**
  Kv= 3,65 m3/h (**3/4"**) / 4,67 m3/h (**1"**)
- **Magnetic power:** 11 000 Gauss
- **Degree of filtration of the mesh insert:** 500 µm
- **Magnet type:** neodymium
- **Maximum power of the heating system:** 24kW
- **Body material:** brass
- **Mounting key** included
- **Acceptable fluids:** water and water-glycol solution with a maximum concentration of 40%