

# MINIDUE FILTRO

Cleaning filter and shut-off valve  
+ compact mechanical volumetric dosing pump



- ✓ self-priming, with injection valve that also acts as a non-return valve
- ✓ fully mechanical operation
- ✓ complete with 89 µ 304 stainless steel cartridge
- ✓ precise dosage, effective treatment with AcquaSIL 2/15®

## CHARACTERISTICS

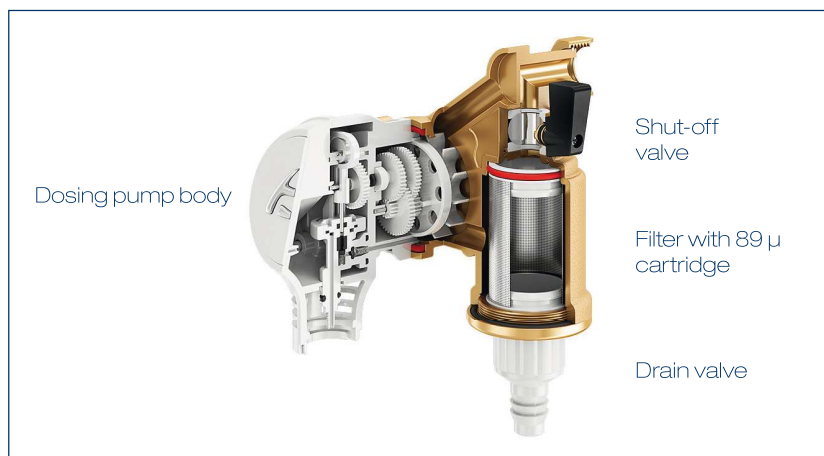
MiniDUE FILTRO is the first compact combined system that integrates in a single device a mechanical filter and mechanical volumetric dosing pump for dosing AcquaSIL 2/15® an anti-scaling and anti-corrosion product.

MiniDUE FILTRO is made with connection plate and filter cartridge housing in brass, pump body in plastic material, filter cartridge in stainless steel clamped on bush with O-ring seal; the cartridge filters dangerous particles present in water, thanks to its stainless-steel cartridge with size greater than 89 microns.

AcquaSIL 2/15® product is supplied in disposable bags of gr. 250 or of 1 kg, to be connected directly to the pump body or to be used with the remote kit connection provided with the standard product.

MiniDUE FILTRO prevents mechanical damage due to coarse materials that could enter the heating systems, such as rust flakes, small stones, processing scraps, etc. By means of the dosage of polyphosphate-based products, even at very low concentrations, can efficiently prevent the formation of limescale and corrosion in the hot- and cold-water distribution lines, thus protecting the heat exchangers and the heat generators' parts from premature breakage.

For maintenance and sanitation interventions, please contact the industry professionals.



First AcquaSIL 2/15® refill and remote kit supplied

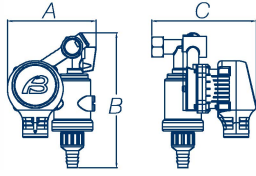
## WHAT WE SUPPLY

MiniDUE FILTRO is placed inside a smooth cardboard box.

The standard supply includes: MiniDUE FILTRO dosing pump, 250 g AcquaSIL 2/15® refill, remote installation kit and instructions manual.

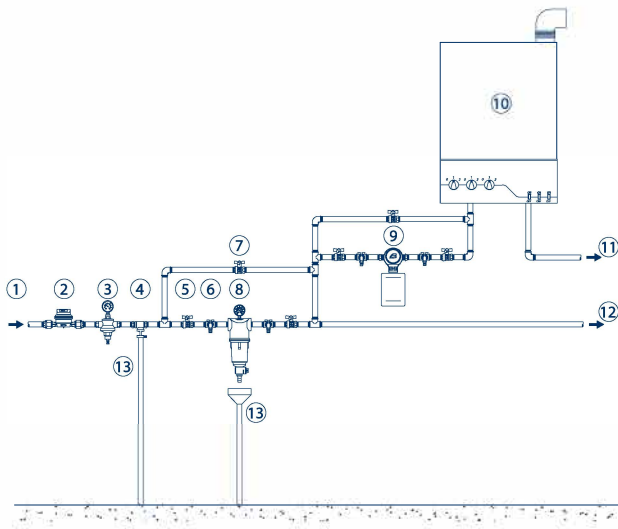
Code	Connections	Flow rate m <sup>3</sup> /h	Min/max pressure bar	Pieces per package	Kg. per package
PM006S	½" F	0,9	1,5 - 10	10	20,0

## OVERALL DIMENSIONS EXPRESSED IN MM



Code	Width - A	Height - B	Depth - C
PM006S	107	162	126

## EXAMPLE OF INSTALLATION SCHEME



### Legend

1. Raw water inlet;
2. General counter;
3. Pressure reducer;
4. Disconnecter;
5. Shut-off valve;
6. Sampling tap;
7. By-pass valve;
8. Filter;
9. MiniDUE dosing pump;
10. Boiler;
11. Hot water outlet;
12. Cold water outlet;
13. Discharge.

## GUIDELINES FOR CORRECT MAINTENANCE

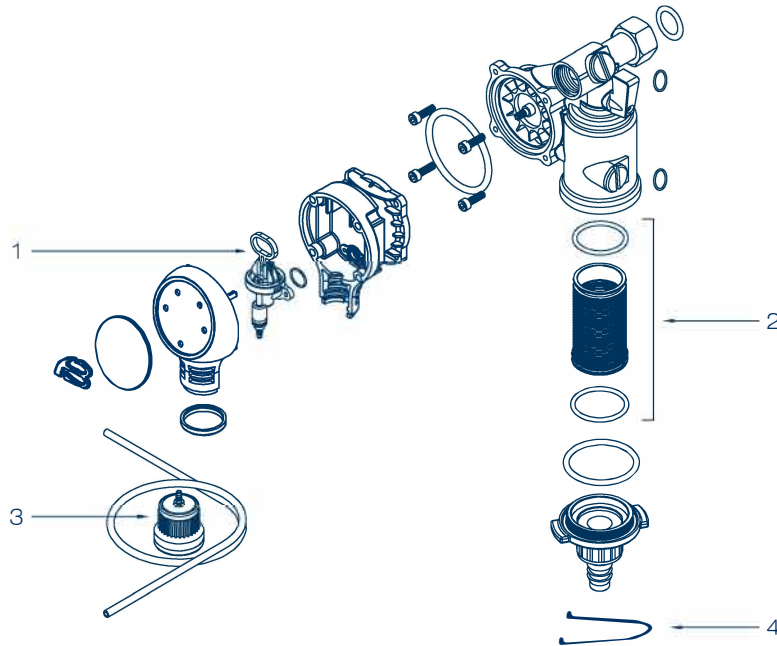


The correct operation and duration of the equipment over time depend on correct installation, proper use and methodical application of the maintenance instructions supplied.

First year	Second year	Third year	Fourth year	Fifth year
<b>CHAMBER ASSEMBLY</b> Clean or lubricate with food grade silicone	<b>CHAMBER ASSEMBLY</b> Clean or lubricate with food grade silicone	<b>CHAMBER ASSEMBLY</b> Replace	<b>CHAMBER ASSEMBLY</b> Clean or lubricate with food grade silicone	<b>CHAMBER ASSEMBLY</b> Clean or lubricate with food grade silicone
<b>SANITATION INTERVENTION</b> Annually or for periods of inactivity longer than 30 days	<b>SANITATION INTERVENTION</b> Annually or for periods of inactivity longer than 30 days	<b>SANITATION INTERVENTION</b> Annually or for periods of inactivity longer than 30 days	<b>SANITATION INTERVENTION</b> Annually or for periods of inactivity longer than 30 days	<b>SANITATION INTERVENTION</b> Annually or for periods of inactivity longer than 30 days

## RECOMMENDED SPARE PARTS

Pos.	Code	Description	Q.ty
1	<b>99006021</b>	Dosing chamber assembly 1/2"	1
2	<b>99009002</b>	Cartridge assembly with o.ring	1
3	<b>99006020</b>	Remote kit assembly	1
4	<b>11006013</b>	Opening key	1



## CONSUMABLES AND MAINTENANCE

Code	Description	Q.ty
<b>48170005</b>	KIT SANITY Sanitizing product for sanitation processes 1 Kg. can - 4 Kg. pack	1
<b>48105016</b>	PEROXIDE ANALYSIS KIT for KIT SANITY The kit allows you to check whether the sanitation was done correctly	1
<b>48500007</b>	Food grade silicone suitable for the lubrication of mechanical parts and o.rings	1
<b>PC100</b>	AcquaSIL 2/15® - anti-scale anti-corrosion product Box with n° 4 refill (250 gr. / each)	1
<b>PC104</b>	AcquaSIL 2/15® - anti-scale anti-corrosion product Box with n° 1 refill (1 Kg.)	1