

NEUTROFIL MINI

Acid condensate neutralizing filter
For condensing boilers with power below 35 kW



DESCRIPTION:

The acidity neutralizing filter is specially designed to be installed in the condensate drain of new boilers. With this type of boilers the problem of acid condensate must be faced, which cannot be discharged directly into the sewer as it can cause unpleasant corrosion phenomena in the drain pipes and chrome sinks. With this device it will in fact be possible to safely drain the condensation water as the pH will be neutralized in advance thanks to the product contained within it. NEUTROFIL is installed only once, then only the cartridge needs to be replaced periodically with the neutralizing substance.

OPERATION:

The acidity neutralizing filters have been specially designed to work with small boilers, with power <35 kW. With the installation of the device, the condensate is forced to pass through a bed of neutralizing material which varies its pH, making it fall within the limits set for free discharge (thus obtaining values between 5.5 and 9.5), without damaging the pipes, gutters, sinks or any other component of the domestic system. The correct pH of the neutralized water can be periodically checked using simple litmus papers (our pH ANALYSIS KIT supplied together with the connection fittings and a 90 g neutralizing cartridge) or using a specific pH meter instrument, our CHECK TESTER. A condensing boiler suitable for an average home can produce up to 800 liters of acid condensate per year (pH 4).

PARTICOLARI COSTRUTTIVI:

The neutralizer has been designed and is built and assembled in Italy, purposely with non-toxic materials and can be used in the food sector, in compliance with the requirements of Ministerial Decree 25. The device has been designed for easy installation and simple cleaning operations. The general quality of construction guarantees the most complete reliability. The plastic and the quick topping up system make it the ideal product for wall-hung condensing boilers below 35 kW.

INSTALLATION

NEUTROFIL MINI must be installed on the condensate drain line, in a lower position than the boiler drain, to facilitate the evacuation of condensate; the drain must be free-lying in a funnel, channel, grate or the like in order to make it impossible in any case to siphon or back pressure.

CARATTERISTICHE TECNICHE

Head and glass	reinforced PP
O-ring	EPDM
Fittings IN/OUT	3/4"
Handler	Nylon
Dimension	diameter 70 mm, height 193 mm
Max exercise temp.	55 °C (131 °F)
Max exercise temp.	4°C (39,2 °F)
Neutralizing cartidge	90 gr (calcite e quarzite)
Cartidge lasting	8 ÷ 12 months or earlier in case of exhaust

Max exercise pressure:

- Water with neutral pH 7 bar (101 psi)
- Other conditions 3 bar (43 psi)

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