



# FULL RANGE

of products for the protection  
of boilers and water heating loops

## SLUDGE FILTERS

FDM-1P / FDM-2 / FDM-3

## ACID CONDENSATE NEUTRALISERS

NEUTRAL COND / NEUTRAL MINI

# NEUTRAL COND

## ACID CONDENSATE NEUTRALISERS FOR WALL-MOUNTED CONDENSING BOILERS

Condensing boilers reach elevated energy efficiency because the heat produced by the discharge gases used to preheat water instead of being dispersed outdoors. This process determines the formation of acid condensate, which is often simply discharged into the sewer pipes leaving the residence. A condensing boiler adapted to an average residence can produce up to 800 litres of acid condensate a year (pH 4.0)

To limit the damage to the sewage system and protect the environment, the environmental standards in many countries only allow water with a pH between 5.5 and 9.5 to be discharged. **Neutralisers are in-line devices containing substances that neutralise the acid condensate from the condensing boiler.**

The condensate that flows through the device comes into contact with the neutralising substances.

The neutralisers must only be installed on the condensate discharge line in a lower position compared to the boiler discharge to facilitate evacuating the condensate.

Once the load of neutralising material (Neutral Mini) or the cartridge (Neutral Cond) are exhausted, the filter must simply be refilled with a new load (Neutral Mini) or a new cartridge (Neutral Cond).

### Advantages

- ✓ Effectively neutralise acid condensate
- ✓ Quick, simple assembly
- ✓ Easy cleaning and maintenance
- ✓ Suitable for all wall-mounted condensing boilers
- ✓ Do not interfere with boiler operation

#### WORKING CONDITIONS

Maximum operating pressure \_\_\_\_\_ 3 bar (43 psi)  
 Maximum operating temperature \_\_\_\_\_ 55°C (131°F)  
 Minimum operating temperature \_\_\_\_\_ 4°C (39.2°F)

#### SPECIFICATIONS

Head, ring nut and bowl: pure polypropylene.  
 O-ring: VITON.  
 Vent valve: polypropylene body with VITON o-ring.  
 Cartridge: Polystyrene.  
 IN/OUT connections: 3/4" - 1".  
 Dimensions (mm): width 145 - height 321.



# NEUTRAL MINI

#### WORKING CONDITIONS

Maximum operating pressure \_\_\_\_\_ 3 bar (43 psi)  
 Maximum operating temperature \_\_\_\_\_ 55°C (131°F)  
 Minimum operating temperature \_\_\_\_\_ 4°C (39.2°F)

#### SPECIFICATIONS

Head and bowl: reinforced polypropylene.  
 O-ring: EPDM.  
 IN/OUT connections: 3/4" + hose holder in NYLON.  
 Dimensions: diameter 70 mm - height 193 mm.



#### ACCESSORIES INCLUDED



connection joints  
Neutral Mini

pH test kit (strips)  
both models

#### SPARE PARTS / REFILL



Neutral cartridge  
Neutral Cond

packets  
Neutral Mini

0.5 kg pack  
Neutral Mini