

DATA SHEET

pH Safe 2

Neutralisation cartridge

Sauermann® part #: PH02CE01UN00



Protecting and respecting the environment

Capable of neutralising up to 6 litres per hour of acidic condensates at pH3, the pH Safe 2 has been specifically designed to treat condensates produced by gas condensing boilers.

The pH Safe 2 is easy to install and can be used in a gravity installation or just before the condensate pump.

Benefits



Protect the pipe system and the environment

- Prevents damage to concrete and corrosion of metal parts.
- Helps protect the environment.



Immediate, constant efficiency

- The inlet and outlet at opposite ends of the cartridge force the condensate to pass through all of the granules.
- The inlet is located lower than the outlet and below the level of the granules, forcing the condensates to remain in the cartridge for a sufficient length of time.
- The neutralisation capacity is optimal over time.



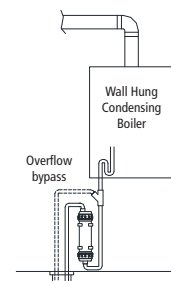
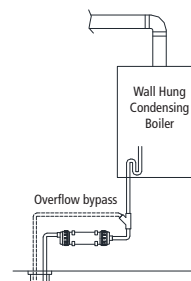
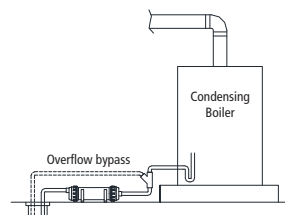
Optimised replacement frequency

- The transparent cartridge means that the consumption level of the active product is always visible.
- Replacement if required, according to the volume and acidity of the condensates treated.



Easy to use

- Installation can be horizontal (recommended) or vertical.
- **Easy installation** of the cartridge, with clip fixation collars.
- **Easy replacement** of granules, (Ref.: SPPH0201).
- No dead volume of sulphuric acid posing a threat to the installer.
- Compact design suitable for installation with both floor and wall mounted boilers.



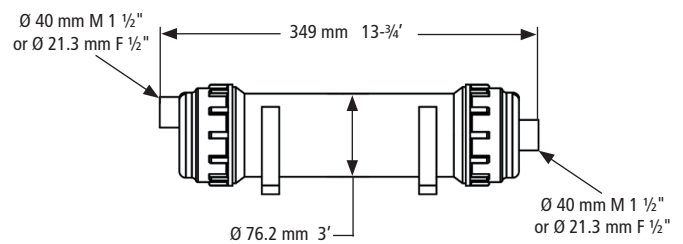
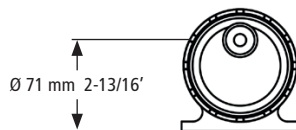
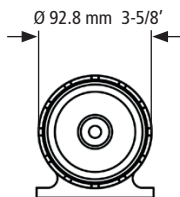
Kit content

- Neutralisation cartridge supplied with granules and ready to use
- Two attachment brackets for attaching to a wall or the floor
- Two screws and plugs

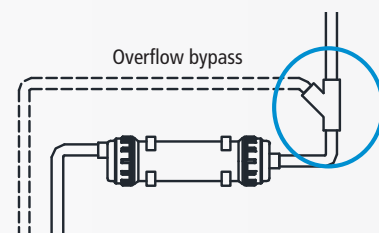
Technical specifications

Max. condensate acidity	pH > 3.0 (Gas condensing boilers)
Max. condensate volume	2500 litres
Max. boiler capacity (can be more depending on actual pH level and condensate volume)	80 kW
Estimated replacement period (can be longer depending on actual pH level and condensate volume)	12 months
Inlet & outlet tube diameter	M Ø 40 mm (1 1/2") F Ø 21.3 mm (1/2")
Max. condensate temperature	65 °C (80 °C – 1 min)
Safety standards	EC
RoHS directive	Compliant
WEEE directive	Compliant
Treatment product weight	0.900 kg
Weight (including box)	2 kg
Cartridge	L 349 mm x Ø ext. 92.8 mm
Packaging	1 pc (L 110 x W 410 x H 106 mm)
Pallet quantity	231 pcs – 500 kg (1100 lb)

Dimensions



To protect your installation and avoid discharge of condensate into the boiler, we recommend that you add a bypass to the flow circuit as shown here (whatever the position of the cartridge, whether horizontal or vertical).



Applications

Gas condensing boilers



Accessories

Name	#Part
Flexible adaptor for PVC tubes Ø ext. 15 - 20 - 24 - 32 - 40 mm (OD 5/8" - 3/4" - 1" - 1 1/4" - 1 1/2")	ACC00939
Adaptor between rigid and flexible tubes Ø ext. 21-40 mm to Ø 6-10 mm (OD 1/2" - 1 1/4" to 1/4" - 3/8")	ACC00921

Consumables

Name	#Part
Granule refill for pH Safe 2	SPPH0201