

Puroxi Ultrasonic Descaler One Page Guide

PIG-UD-001 | Installation | Intended for: Installer

Purpose

The Puroxi Ultrasonic Descaler applies an electrical field around the outside of a pipe to reduce adhesion and support management of scale and biofouling. Suspended material must still be carried away by flow, filtration, flushing or blowdown. It is not a water softener and does not remove dissolved minerals from the water.

Installation summary

- Confirm pipe material, outside diameter, wall condition, operating temperature and installation location.
- Use the current unit manual to position and secure the transducer cables around the pipe.
- Install on a clean, accessible section of pipe with the required straight length and clearance.
- Keep the control unit dry, ventilated and accessible. Use a qualified electrician for power and grounding.
- Record baseline hardness, conductivity, flow, temperature, pressure drop, energy use and existing deposit condition.

Operation and verification

- Inspect cable contact and controller indication regularly.
- Expect existing deposits and new formation to behave differently; document both.
- Provide a way to remove loosened suspended solids through filtration, flushing or blowdown.
- Compare results against baseline measurements over a suitable operating period.
- Contact Puroxi before changing pipe location, cable arrangement or operating conditions.

Use the complete Puroxi Ultrasonic Descaler manual for model-specific cable placement, electrical requirements and service.