

PURO PAL

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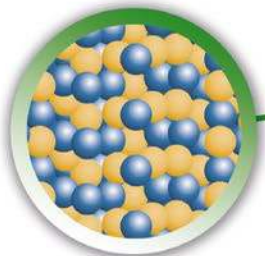
Demineralizers prevent valuable metal components in closed loop hydronic systems from corroding and scaling

H2O Demineralizer Benefits

- Removes scale producing ions like calcium and magnesium that reduce boiler efficiency and can lead to heat exchanger failure
- Removes aggressive salts such as:
 - Nitrates which cause corrosion
 - Sulfates which attack copper piping
 - Chlorides which cause stress corrosion cracking in stainless steel
- Lowers electrical conductivity, which reduces corrosion by slowing the rate of oxidation
- Demineralized water meets the strict water quality requirements from boiler and glycol manufacturers
- An economical and convenient alternative to pre-blended/diluted glycol



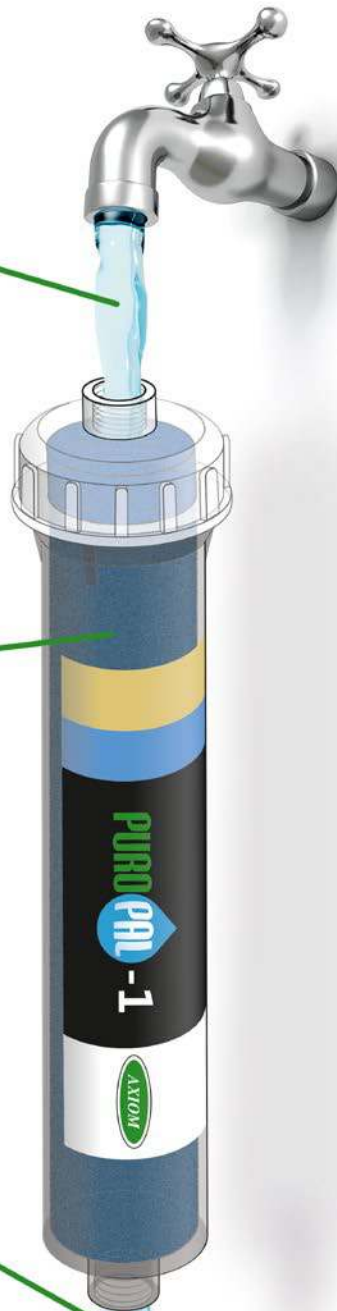
Domestic water with minerals and gases



Special Puropal 2-component mixed bed resin



Fully demineralized water through ion exchange



AXIOM

H₂O Demineralizers



DISPOSABLE CARTRIDGES

Simple “Carry Inside” solution for job specific water treatment

PuroPal-1



PuroPal-300



PuroPal-1000



MOBILE FILLING UNITS

Mobile solutions designed to treat large amounts of water



PuroPal Leader



PuroPal Pro-50

MAKE-UP WATER

Fixed location solutions used to top up water in closed loop hydronic systems



PuroPal Comp-2



PuroPal Comp-12
PuroPal Comp-25
PuroPal Comp-50

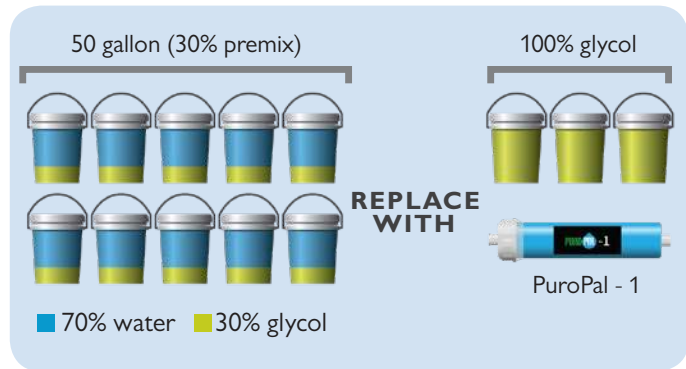
Axiom Water Demineralizers provide a simple solution to ensure high quality water is used in closed-loop hydronic systems. Buying and transporting expensive pre-mix glycol is no longer the only solution, simply hook up via garden hose connection and let our special 2-component mixed bed resin deliver demineralized water through its ion exchange.

APPLICATIONS:

Water Demineralizers are ideal for treating the water used to fill closed-loop hydronic systems. Treated water can be used on its own, with a chemical inhibitor (AxiTherm Protect 1) or can be blended with glycol solutions for freeze protection.

Features and Benefits

- ◆ Removes scale producing ions like calcium and magnesium that reduce boiler efficiency and can lead to heat exchanger failure
- ◆ Removes aggressive salts such as
 - Nitrates, which cause corrosion
 - Sulfates, which attack copper piping
 - Chlorides, which cause stress corrosion cracking in stainless steel
- ◆ Lowers electrical conductivity, which reduces corrosion by slowing the rate of oxidation
- ◆ Demineralized water meets the strict water quality requirements from boiler and glycol manufacturers
- ◆ An economical and convenient alternative to pre-blended/diluted glycol



Model	Inlet water @ 200ppm	Inlet water @ 300ppm
PuroPal-1	65 USG	40 USG
PuroPal-300	90 USG	55 USG
PuroPal-1000	265 USG	176 USG
PuroPal Comp 2	55 USG	37 USG
PuroPal Jr Pro & PuroPal Comp 12	480 USG	321 USG
PuroPal Leader	793 USG	528 USG
PuroPal Comp 25	828 USG	587 USG
PuroPal Pro 50 & PuroPal Comp 50	1775 USG	1213 USG