

'PUROPAL JR. PRO' H₂O DEMINERALIZERS

The 'PUROPAL JR. PRO' is ideal for demineralizing fill water for closed loop hydronic systems. The quality of water, especially when mixed with anti-freeze (glycol), can have an impact on system performance. Marginal water quality can lead to scaling, sediment deposits, and the accumulation of sludge.

**FEATURES and BENEFITS**

- *Demineralized water meets the strict water quality requirements from boiler and glycol manufacturers*
- *Removes all the aggressive salts such as chlorides, sulphates, and nitrates which specifically attack metals like stainless steel, copper, and aluminum*
- *Removes scale producing ions like calcium and magnesium that damage components and block heat transfer*
- *Lowers electrical conductivity, which reduces corrosion*
- *Stainless steel housing*
- *Includes conductivity and flow meter*
- *Includes shut off valve*
- *Portable and easy to use*



INDUSTRIES LIMITED

PUROPAL JR. PRO H₂O demineralizer TECHNICAL INFORMATION

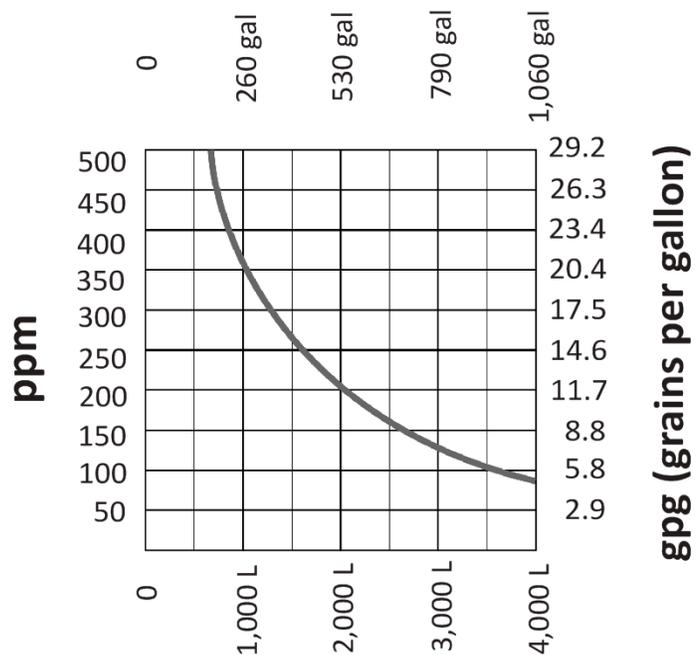
APPLICATION

The closed loop system is filled using local domestic water which has been run through the Puropal Jr. Pro. In doing so the water is demineralized, meeting fill water specifications of glycol and boiler manufacturers. It is also possible to demineralize an existing “water only” system by circulating the system water through a Puropal Jr. Pro demineralizer.

CAPACITY OF THE ION EXCHANGER

The capacity of the ion exchange resin depends on the water hardness. The capacity for the Puropal Jr. Pro can be read off the graph to the right. For example: With a hardness of 11.7 gpg (200 ppm), Puropal Jr. Pro provides 530 gal (2000 l) of completely demineralized water.

PUROPAL JR. PRO
capacity: volume of completely demineralized water



SPECIFICATION

The H₂O demineralizer shall be AXIOM INDUSTRIES LTD. model PUROPAL JR. PRO. System shall include S.S. housing, shut off valve, conductivity and flow meter with programmable conductivity limit, limit warning signal light, automatic quality monitor, total litres treated display, comes with 3xAAA batteries. Puropal Junior Pro is rated to 87 psi (600 kPa) at 140 °F (60°C).

ACCESSORIES

MBR-12– Mixed bend resin 12L (replacement media for the Puropal Jr. Pro)

LIMITED WARRANTY

The Axiom PUROPAL JR. PRO H₂O demineralizer is warranted against defects in materials and workmanship for one year.

Project _____ Location _____
 Consultant _____ Contractor _____
 Unit Tag _____ Sales Agent _____