

## PuroPal-1000 Disposable Cartridges



- A Disposable cartridge designed for point-of-use applications
- A One cartridge treats approximately 264 USG (based on inlet water @ 200ppm)
- A Removes scale producing ions like calcium and magnesium
- A Lowers electrical conductivity, which reduces corrosion
- A Removes aggressive salts such as chlorides, sulphates, and nitrates which attack metals like stainless steel, copper, and aluminum
- A Demineralized water meets the strict water quality requirements from boiler and glycol manufacturers
- A An economical and convenient alternative to pre-blended glycol

**Treats 264 USG**  
(inlet water @ 200ppm)



**Optional :**  
PuroPal Meter  
Flow and Conductivity Meter

The 'PUROPAL-1000' disposable cartridges are 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, accumulation of sludge, and increased corrosion rates.



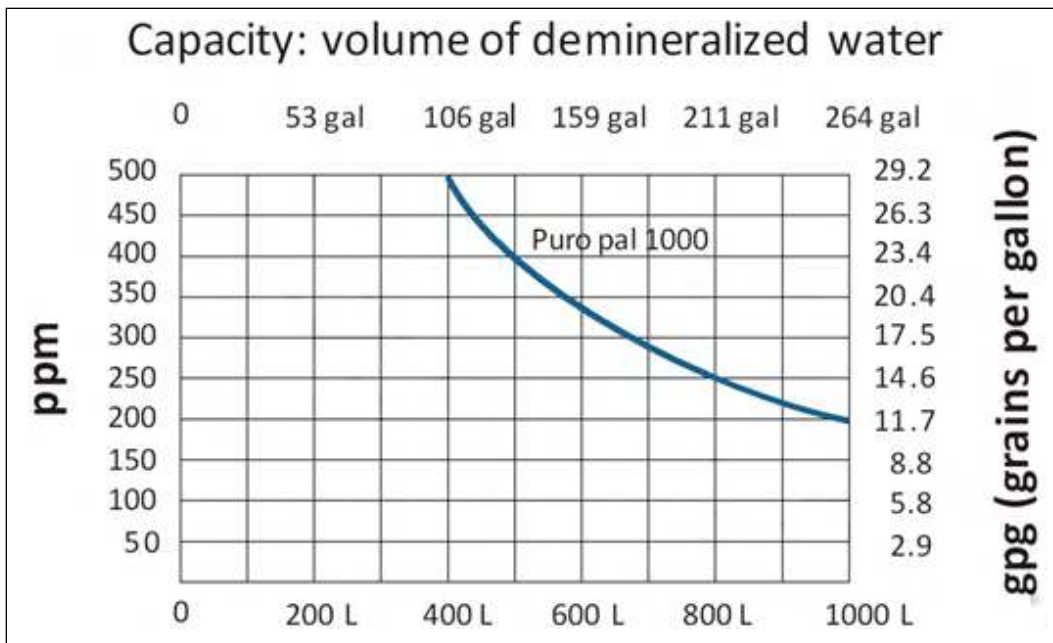
## PUROPAL - 1000 H<sub>2</sub>O DEMINERALIZER TECHNICAL INFORMATION

### APPLICATION :

The closed loop system is filled using local domestic water which has been run through the Puropal cartridge. 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 demineralizing cartridge.

### CAPACITY :

The graph below shows that the capacity of the demineralizing cartridge depends on the total hardness of the domestic water. Example: With a hardness of 11.7 gpg (200 ppm), the Puropal-1000 provides 264 gal (1000 L).



### SPECIFICATION :

The H<sub>2</sub>O demineralizer shall be AXIOM INDUSTRIES LTD. model PUROPAL-1000. System shall include disposable cartridge with demineralizing ions, and two plastic ¾" female BSP x ¾" male garden hose fittings. Max. pressure 58 psi (400 kPa) at 140 °F (60 °C).

### OPTIONAL ACCESSORIES :

- PUROPAL-METER** -- Flow and conductivity meter

### LIMITED WARRANTY :

The PUROPAL-1000 H<sub>2</sub>O demineralizer is warranted against defects in materials and workmanship for one year.

Project \_\_\_\_\_  
 Consultant \_\_\_\_\_  
 Unit Tag \_\_\_\_\_

Location \_\_\_\_\_  
 Contractor \_\_\_\_\_  
 Sales Agent \_\_\_\_\_