



## PUROPAL - 1W 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-1W 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 the Puropal-1W demineralizing cartridge.

Puropal-1W provides a great advantage because neither meters nor special knowledge are required for water treatment.

### CAPACITY :

Figure 1 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-1W provides 65 gal (246 L) of completely demineralized water.

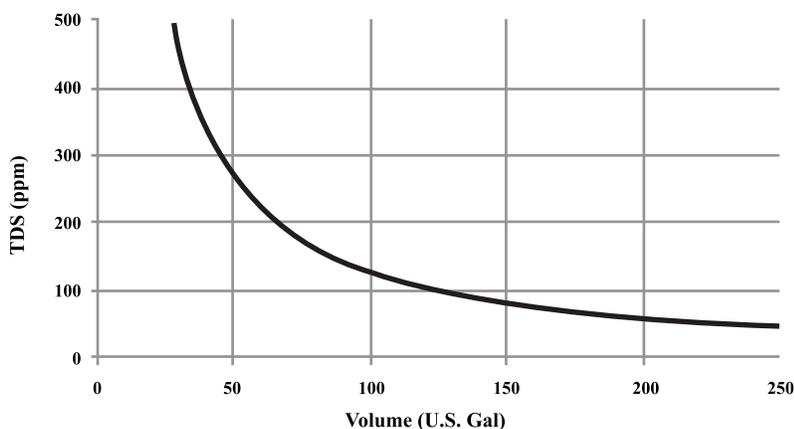


Figure 1 - Capacity of PUROPAL-1W based on incoming water TDS

### SPECIFICATION :

The H<sub>2</sub>O demineralizer shall be AXIOM INDUSTRIES LTD. model PUROPAL-1W. System shall include disposable cartridge with demineralizing ions, and ¾" FGHT inlet and outlet connections. Max. pressure 150 psi (10.3 bar) at 140 °F (60 °C).

### OPTIONAL ACCESSORIES :

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

**PUROPAL-1W-RC** -- Replacement cartridge for PuroPal-1W

### LIMITED WARRANTY :

The PUROPAL-1W H<sub>2</sub>O demineralizer is warranted against defects in materials and workmanship for one year.

Project

Location

Consultant

Contractor

Unit Tag

Sales Agent