



## PuroPal Pro-50 Mobile Filling Unit

**Treats 1,775 USG**  
(inlet water @ 200ppm)

- Commercial grade and high-capacity stainless steel demineralizing cart
- High-grade stainless-steel cylinder houses replaceable mixed-bed resin
- 50L resin capacity, treats approximately 1,775USG (based on inlet water @ 200ppm)
- Comes with inlet & outlet conductivity meter, flow meter, blending valve, and shut off valves
- Removes scale producing ions like calcium and magnesium
- Lowers electrical conductivity, which reduces corrosion
- Removes aggressive salts such as chlorides, sulphates, and nitrates which attack metals like stainless steel, copper, and aluminum
- Demineralized water meets the strict water quality requirements from boiler and glycol manufacturers
- An economical and convenient alternative to pre-blended glycol

The 'PUROPAL PRO-50' 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. Even marginal water quality can lead to scaling, sediment deposits, and the accumulation of sludge.



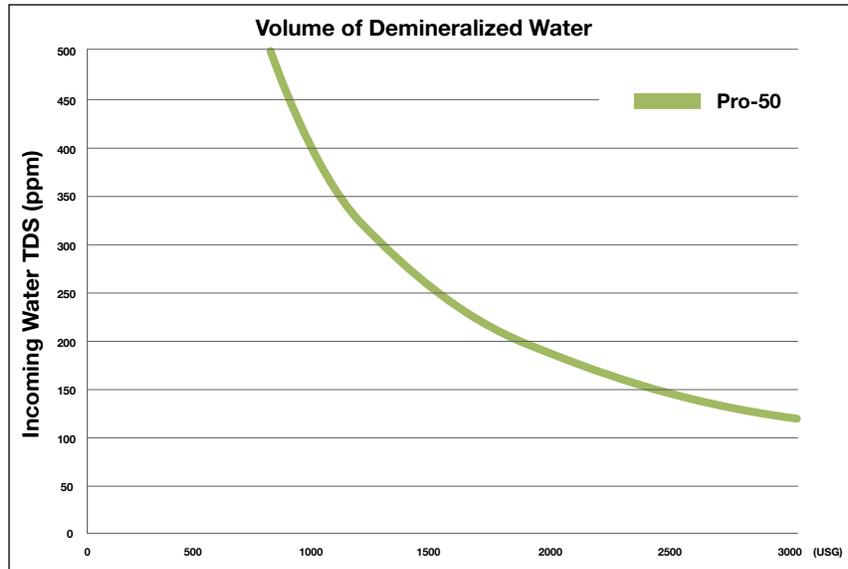


## PUROPAL - PRO 50 H<sub>2</sub>O DEMINERALIZER TECHNICAL INFORMATION

### **APPLICATION :**

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

### **PUROPAL PRO-50**



### **CAPACITY OF THE ION EXCHANGER :**

The capacity of the ion exchange resin depends on the water hardness. The capacity for the Puropal-Pro-50 can be read off the graph below. Example: With a hardness of 11.7 gpg (200 ppm), Puropal-Pro-50 provides 1780 gal (6750 l) of completely demineralized water.

### **SPECIFICATION :**

The H<sub>2</sub>O demineralizer shall be AXIOM INDUSTRIES LTD. model PUROPAL-PRO-50. System shall include S.S. housing, two isolation ball valves, mixing valve, pressure reducing valve, pressure gauge, flow rate and total volume meter, TDS (total dissolved solids) meter that displays measurements at the inlet and outlet, comes with 2xAA batteries. Puropal Pro is tested to 87 psi (600 kPa). Max temp. 140 °F (60°C).

### **OPTIONAL ACCESSORIES :**

- MBR-12** -- Mixed bend resin 12L (4 required) replacement media for the Puropal-Pro 50

### **LIMITED WARRANTY :**

The Axiom PUROPAL PRO-50 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 \_\_\_\_\_