

# Permutit® XP and NS Series Non-Regenerable Demineralizers

Permutit® versatile XP and NS Series Non-Regenerable Demineralizers offer simple, high performance within a small footprint. They are available in Type 316 stainless steel in either ASME Code or Non-Code designs. Standard sizes include 10", 16" and 30" diameters with 15" and 28" diameters available as special orders.

## Applications

The XP Series models are ideal for decontaminating water containing soluble radioactive isotopes, where construction to ASME code specifications is not required.

For more stringent radioactive water applications, the NS Series models meet the requirements of the ASME Codes and 10CFR50 and 10CFR21.

NS Series demineralizers are widely used for nuclear service. Each unit has resin retention strainers and sluicing connections to eliminate the costly and cumbersome resin baskets usually offered for this service.

## Quality Control

We have been the trusted source for all grades of nuclear and commercial demineralizers for many years. Our capabilities include dissimilar metal welding and fabrication to ANSI and RDT specifications. We meet the requirements of the ASME Codes and 10CFR50, Appendix B through our stringent quality assurance program.

## Advantages

- Compact – units fit easily into small spaces
- Low Cost – standard XP Series units are available from stock
- Easily Transportable – these demineralizers can be easily transported from one location to another
- Versatile – units are available for cation or anion exchange or mixed bed demineralization
- Simple Installation – shipped complete, these demineralizers are easy to handle and designed for quick removal and replacement



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### The Advantage

As the leader in the water treatment industry, Siemens Water Technologies has the greatest depth of personnel and technological resources to overcome any challenge. We offer the widest variety of specialty products for the power generating industry, including many custom components. Please contact us for additional information about your specific requirements.

### Design Features

- Inlet and Outlet Distributors – with our exclusive design, the stainless steel strainers ensure resin retention
- Sluicing Connections – these connections facilitate rapid resin removal and replacement
- Durable Construction Materials – stainless steel or baked phenolic lined carbon steel pressure vessels ensure long-term, reliable operation
- Removable Cover Assembly – positive bolt closure assembly offers easy access to the interior of the vessel
- Lifting Lugs – all vessels are equipped with lifting lugs to facilitate handling

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