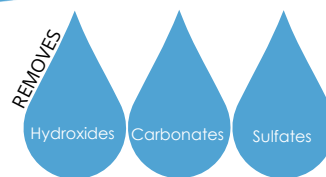


KL™ LpH Membrane Cleaner



KL™ LpH is a heavy duty action low pH powder cleaner that quickly and easily mixes with water to make an easy-to-use cleaning solution that effectively removes a wide range of inorganic scale such as metal hydroxides, carbonates, phosphates and inorganic membrane foulants from reverse osmosis (RO), nanofiltration (NF), and ultrafiltration (UF) membrane elements. Use alongside KL™ HpH for a comprehensive cleaning. If a more aggressive low pH cleaner is needed, try Diamite™ LpH Plus.

Features

- Removes scale due to hardness.
- Heavy duty action broad spectrum cleaning.
- Ideal for the removal of acid-soluble scale including iron, calcium carbonate and metal oxides.
- Powder formulation for efficient shipping and handling.
- Compatible with RO, NF, and UF membranes from all major manufacturers.
- Certified under NSF/ANSI Standard 60 for drinking water production.



Dilution Ratio

Prepare each cleaning solution using a ratio of 1 lb of cleaning powder to 10 gallons of permeate or DI water. If the system is not drained before cleaning, assume that approximately 4 gallons of water is present in each 8"x40" membrane element and 1 gallon of water is present in each 4"x40" membrane element after a thorough system flush.



Specs

Appearance:	Product pH (1%):
Colorless Crystals	2.0 ± 1.2

Application

Clean when the train's normalized productivity has decreased 15% from clean operation. Soak and circulation times will vary based on membrane condition. Monitor and maintain recommended pH throughout cleaning by adding neat chemical, if necessary. Document each step with results to empirically fine-tune your procedure.



Packaging

2 lb (0.9 kg), 4 lb (1.8kg),
25 lb (11.3 kg), 45 lbs (20.4 kg)

