

“AQUAVAIRE Water-bath Factory Pre-Treatment”

Effective July 16, 2010 Algas-SDI will begin flushing and pre-treating the water-bath section of all AQUAVAIRE vaporizers and QM's prior to shipment. This pretreatment will give customers additional protection during transport and storage. The vessels will continue to be filled and fully test fired as before to validate fabrication and assembly, but will now also benefit from having been flushed with a Liquid Alkaline Cleaner (LAC) that acts as a cleaning solution to remove oils, grease, silt, clay, mill scale and organic matter that can contaminate heat transfer fluids. Additionally, after the vessels have been flushed and purged, a vapor phase corrosion inhibitor will be added and the waterbox sealed to further protect the surfaces during transportation and storage for up to 2 years.

Through this effort Algas-SDI will be reducing its impact on the environment by using and disposing of less treated city potable water. Instead the solution used will be recycled, treated and stored on site.

For the convenience of the user, each unit will now come standard with a heat transfer fluid quality test kit. The test kits include enough test strips for the first 24 months of operation after shipment for measuring sodium nitrate level, sodium molybdate level, freeze protection, and pH level. Additional kits may be purchased using P/N 40630.



As before, the vessel must be filled with the recommended heat transfer fluid and distilled or de-ionized water, the vessel must be properly grounded to an adequate direct earth ground, and the heat transfer fluid quality must be monitored and maintained. For further information regarding recommended heat transfer solutions and care please refer to the Operations and Maintenance manual and Technical Bulletin QV-20310.

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