

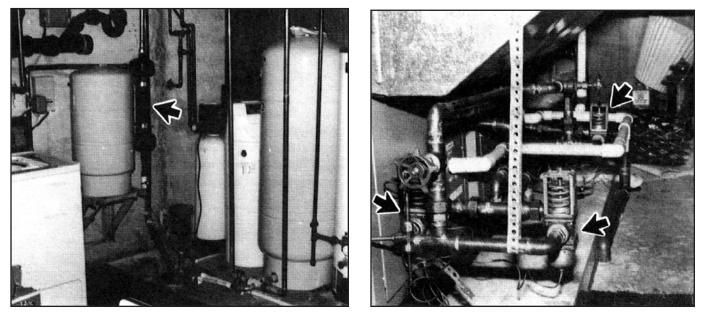
Application Bulletin

Heat Pump Distributor Refuses "Warranty" Service

Without LAKOS Separators

To protect the water regulating valves on their groundwater heat pump installations, Decker & Mattison Co., Inc. of Hutchinson, Kansas automatically includes a LAKOS Separator with every system ... and it's all but eliminated their once most common service and operating problem: *sand*.

"Sand chews up the valve seats on the regulating valves," says Mr. Brett Mattison, "and that soon leads to constant leaking by the valves. Before long, the system's pump is operating much too often to replace the continuous water loss. It's a nuisance ... and the warranty repairs and replacements were chewing up our profits." Estimating the cost of parts and labor to replace the valve seats (2 per system) at nearly \$120, LAKOS has indeed proven to be a cost-saving alternative to this once frequent problem.

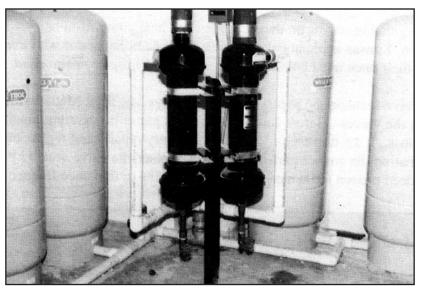


Installed nearly against a wall near the pressure tank and water conditioning equipment (photo at left), this LAKOS Separator provides sure protection for a heat pump system's regulating valves (right). Close quarters and the typical maze of plumbing for such installations further underscores the value of LAKOS Separators to help eliminate valve and maintenance problems.

"We simply won't honor that part of the warranty (valve seat replacement) if a customer refuses the installation of a LAKOS Separator," says Mattison. "It's solved a world of problems for us ... and our customers happily also comment that the strainers on their sinks and tub faucets no longer have to be cleaned."

Installation of the LAKOS Separator is easy, placed prior to each system's pressure tank, and manual purging is most common.

"With the LAKOS Separator," says Mattison, "we feel our customer gets a better value."



This pair of LAKOS Separators, installed by Price Water Well Service at a state government facility in Hutchinson, Kansas, protects a system of 13 heat pumps from a serious problem of troublesome sand and grit. "Without the separators, " says Mattison, "we would have had to replace more than two dozen valve seats in the regulating valves at a cost of almost \$1,000."

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