

## New-Design Bubble Trap Meets Specific Pharmaceutical Needs



A new bubble trap specifically designed for sanitary service is now available from L.J. Star Inc. The trap is the first of its kind in that it is designed to be crevice-free and self-draining, efficiently removing unwanted gas or air bubbles in process fluids without areas where harmful bacteria can accumulate.

Additionally, these traps are ASME BPRE compliant with full traceability on all wetted components and the gaskets meet USP Class VI and are FDA compliant and fully traceable. The surface finish is 15Ra with electropolish, they utilize hygienic sealing O-rings and there are no threads exposed. Washdown is simple and efficient and both disassembly and reassembly are quickly and easily accomplished.

L.J. Star pharmaceutical bubble traps provide a user with assurance that the trap will function and remain sterilized with less need for frequent SIP/CIP cleaning and associated downtime. Most significantly they reduce the risk of product contamination which can cost thousands of dollars and require time-consuming cleaning of the entire process.

The new design originated with a request from an L.J. Star client and subsequent product development was done with the cooperation of three other clients as well. Beta testing began in mid 2007 with formal introduction in early 2008. Since then, L.J. Star bubble traps have already proven safe and effective in several pharmaceutical installations.

L.J. Star sanitary-service traps are available as standard in sizes ranging from four to ten inches and in custom designs. All are competitively priced and backed by individual expert engineering support.

To obtain additional information, contact L.J. Star Incorporated, P.O. Box 1116, Twinsburg, OH 44087. Phone: 330-405-3040. Fax: 330-405-3070. Email: [view@ljstar.com](mailto:view@ljstar.com). Or visit our web site: [www.ljstar.com/pubs14.htm](http://www.ljstar.com/pubs14.htm).

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