

SERVICE BULLETIN
1202503

TITLE: INTEGRAL HEAT EXCHANGER PACKAGE
DATE: JULY 15, 1996

The new Darley Integral Heat Exchanger was designed to provide a heat exchanger compliant with NFPA 1901 requirements at a drastic reduction in cost to the body builder. Its unique design accomplishes that task easily, and provides several additional benefits that make this package a superb addition to any apparatus.

The package starts by incorporating the heat exchanger directly into a special chamber cast in the pump. This eliminates the need to purchase an expensive shell and tube type heat exchanger and plumb water lines between it and the pump, reducing installation time and eliminating the numerous brackets and clamps associated with conventional heat exchanger installations. Additionally, since pump water no longer circulates from discharge to suction, the need for a panel mounted on/off valve is eliminated and pump capacity and efficiency are enhanced. Drain lines are eliminated, too.

An added benefit of this design is that it helps prevent pump freezing during cold weather operation -- an important consideration for Apparatus in Northern climates.

This accessory is available on all Darley midship pumps, all front mounts and all PTO driven pumps (except JMP). Given the savings in material costs and installation time, along with the increase in pump capacity and efficiency, we strongly recommend all OEM's take advantage of this design and specify it as standard in all future apparatus specifications.

Please direct any questions regarding this bulletin to our Engineering office at 800-634-7812 or 715-726-2650.

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