

Wi+ Inducer Pump – An added feature of the W+ Line

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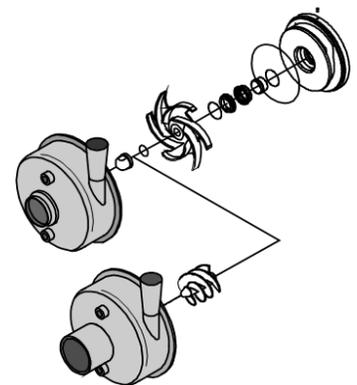
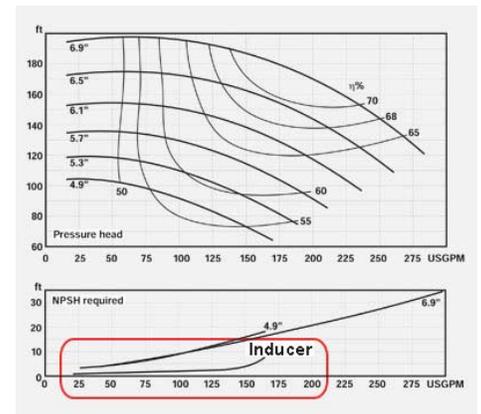
The Wi+ features the most advanced inducer technology available in a sanitary centrifugal pump. The inducer is a screw-like device that lowers a pump's suction head or NPSHR (net positive suction head required) by 50-70%. This allows the Wi+ to successfully handle difficult applications involving:

- Tanker unloading
- CIP return
- Vacuum withdrawal
- High temperature products
- High viscosity products

In each case, inducer technology expands the range in which a centrifugal pump can be successfully applied. Whether it's handling high temperature products near their boiling point, reducing the likelihood of air binding, or addressing previously impossible applications, the Wi+ presents capabilities never before available in a sanitary centrifugal pump.

The inducer is available on 14 W+ models and is effective throughout the performance curves. The Wi+ curves for performance and horsepower are the same as their W+ equivalent. The difference appears on curves displaying suction head requirements as illustrated on the right. These curves appear on models running at 3500 rpm where the option provides the most advantage. In many cases it allows the use of a smaller, more economical pump while still providing better operational characteristics.

Sharing the same platform as the W+, the conversion from one pump to the other simply involves exchanging the impeller nut for the inducer and replacing the W+ housing with one having a larger, extended port.



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