

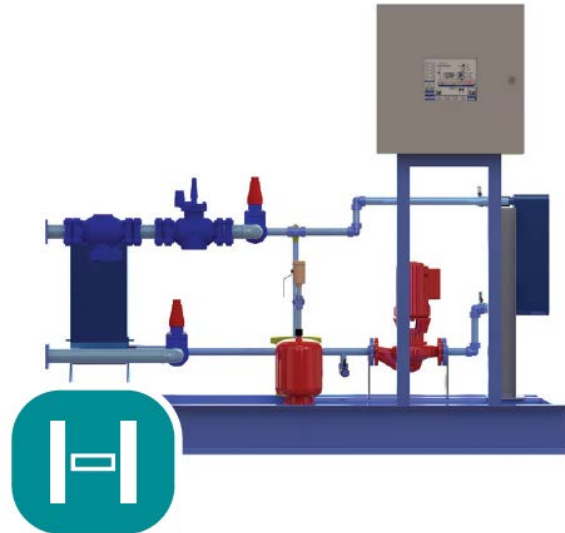


## Alfa Laval Smart Heat

The Alfa Laval Smart Heat is the first industrial desuperheater with a robust design built specifically for the demands of ice rinks.

The by-product of the refrigeration system is heat. Instead of wasting the 'free' heat outside, why not use it where you need it?

The Alfa Laval Smart Heat will provide free heat for your showers, Zamboni water and other hot water needs at your facility.



Size Options	Ammonia-Water HX	Water-Water HX	Potable Water Flow
Single Pad	AlfaNova 76-40H T09	CB60-50H T06	7 GPM
Double Pad	AlfaNova 76-70H T09	CB60-60H	11 GPM

- AlfaNova Fusion Bonded industrial heat exchanger
- CB60 Brazed heat exchanger
- Potable water pre-heat temperature of 150 °F
- Optional water tank assembly
- Integrated Smart Rink Connect technology





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Smart Features	
Pump Watch	<ul style="list-style-type: none"><li>Pump coupling failure notification</li><li>Proactive service notifications</li><li>Pump runtime start/stop monitoring</li><li>Cavitation protection warnings</li></ul>
Green Reporting	<ul style="list-style-type: none"><li>Monitors power consumption</li><li>Provide reporting for internal energy audits</li></ul>
Efficiency Reporting	<ul style="list-style-type: none"><li>Heat Utilization (BTU) calculations and logs</li><li>Utility offset calculations and logs</li><li>Sub-optimal heat transfer efficiency notifications</li></ul>
Water Conditioning	<ul style="list-style-type: none"><li>Intermediate water loop PH level monitoring to detect early sign of HX faults</li><li>Ensure water temperature are within safe operating limits</li></ul>
Easy to use interface	<ul style="list-style-type: none"><li>Touchscreen panel-mounted display</li><li>Remote access through the internet</li><li>Remote alarming and monitoring capabilities</li></ul>