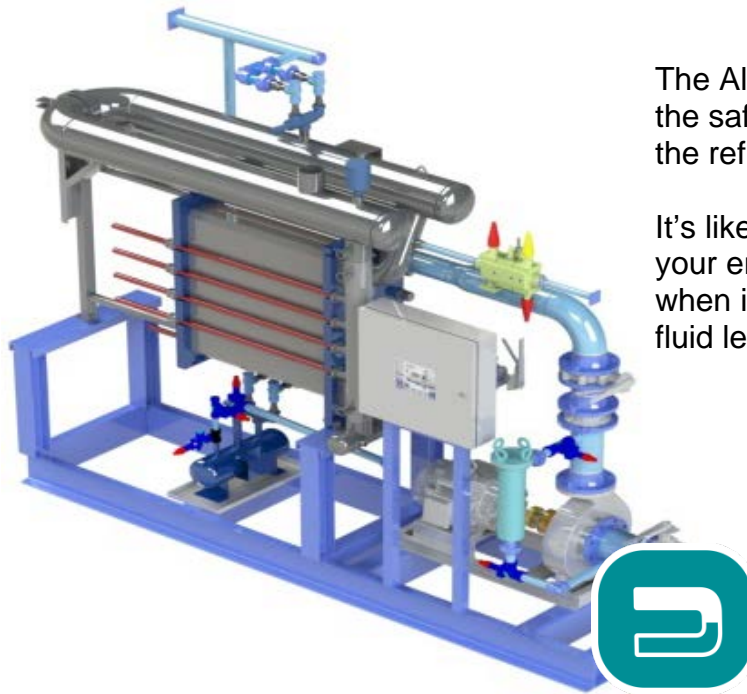




## Alfa Laval Smart Turn



The Alfa Laval Smart Turn enhances the safety of your facility by reducing the refrigerant charge.

It's like having an engineer monitoring your engine room, letting you know when it is time to drain oil, reporting fluid levels, and monitoring efficiency.



Sizes	U-Turn	Heat Exchanger	Recommend Pump
80-100 HP	UR/UL-8-4C-M10-12	M10BW-FD	20 HP
110-150 HP	UL/UR-12-8-C-T20-12	TK20BW-FD	25 HP
150-200 HP	UL/UR-12-8-C-T20-12	TK20BW-FD	30 HP

- Innovative U-Turn ammonia liquid separator
- Semi-welded plate-frame heat exchanger
- Motorized liquid feed valve assembly
- Integrated Smart Rink Connect technology





## Alfa Laval Smart Turn

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>
Refrigerant Level Check	<ul style="list-style-type: none"> <li>Refrigerant overcharge protection</li> <li>Scans and notifies of operational deviations</li> <li>Optimal refrigerant levels</li> </ul>
Green Reporting	<ul style="list-style-type: none"> <li>Monitors power consumption</li> <li>Provide reporting for internal energy audits</li> </ul>
Oil Management	<ul style="list-style-type: none"> <li>Operator and mechanic oil drain logs</li> <li>Notifications when oil draining is required</li> </ul>
Efficiency Reporting	<ul style="list-style-type: none"> <li>Sub-optimal heat transfer efficiency notifications</li> <li>Notification of unusual cooling performance</li> </ul>
Coolant Reporting	<ul style="list-style-type: none"> <li>Plugged side stream filter notifications</li> <li>Coolant expansion tank level monitoring</li> <li>Continuous PH monitoring</li> <li>Leak prediction</li> </ul>
Refrigerant Release Reporting	<ul style="list-style-type: none"> <li>Relief valve release notifications</li> <li>Low suction pressure warnings</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> <li>Easy set-up, intuitive, and no training required</li> </ul>