

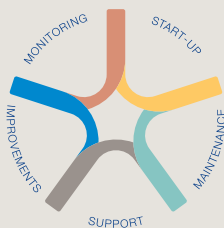
Ten top tips

to keep your Alfa Laval hygienic gasketed plate heat exchanger in tip top condition



1. Make sure that the operating conditions (temperatures and flow rates) comply with the design specifications.
2. At start-up and when switching between different media, make sure that valve opening- and closing times are long enough so that pressure surges or water hammers are not created.
3. Use upstream filters and strainers to remove particulate fouling and protect the heat exchanger.
4. Check for any changes in temperature, pressure and any signs of external leaks daily.
5. On a regular basis keep the tightening bolts clean and well-lubricated.
6. Use Alfa Laval Integrity Test (or other condition monitoring techniques) to avoid having to open the plate heat exchanger for inspection.
7. Use Cleaning-in-Place (CIP) to avoid the need to open the heat exchanger for cleaning.
8. Always keep stand-by units clean and dry. If a heat exchanger is taken out of service, flush with fresh water and drain it completely.
9. Protect the plate heat exchanger from water or product splash. Also avoid exposure to ultra violet rays and ozone (typically generated from electrical sources), since it can damage the gaskets.
10. Only use Alfa Laval spare parts for guaranteed performance, reliability and equipment life. Maintain a stock of essential spare parts, and follow the storage instructions.

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Alfa Laval 360°
Service Portfolio



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