

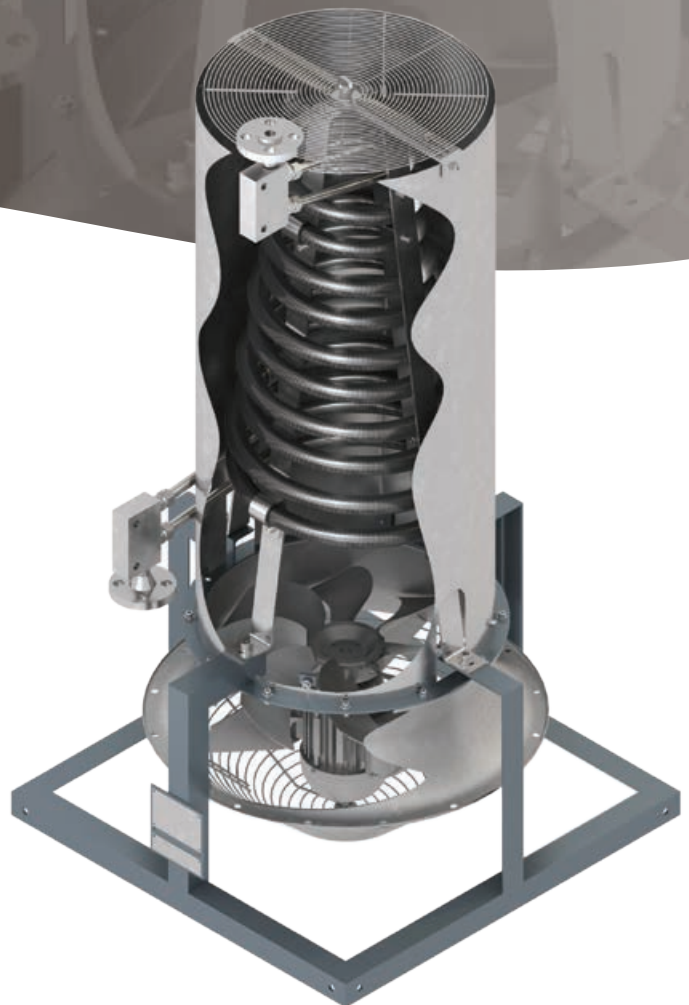
Increase mechanical seal reliability without the installation, maintenance and cost associated with cooling water

The AFC Seal Cooler is a forced draft system that increases performance of finned pipe designs by boosting airflow across the cooling coil. It increases mechanical seal reliability by removing heat and reducing fluid temperature without cooling water.

The AFC Seal Cooler can be applied to multiple seal support systems, including piping plans 21, 23, 53B and 53C.

Features and benefits

- Unique conical design optimizes heat transfer
- Fully compliant with API 682 4th Edition with large tube size to maximize flow
- Designed to ASME B31.3 process piping standards
- Corrosion-resistant materials used throughout; suitable for marine environments
- Minimize operating and maintenance costs by eliminating the need for cooling water
- Compact design simplifies installation and maintenance, including easy cleaning, venting and draining
- Robust welded fins can be cleaned with power washers
- Optional certifications available:
 - ATEX assembly with PED
 - ATEX motor (only)
 - NEC/CSA explosion-proof motor



Model numbers

Example:	Model	Cooler type	Connections	Motor selection	Certifications
AFC12P1500M1-P	AFC	12P	1500	M1	-P
AFC					
12 m parallel: 12P					
Flange rating Class 1500: 1500 Flange rating Class 600: 0600 Flange rating Class 300: 0300 NPT: 0000					
ATEX motor: M1 NEC/CSA motor: M2					
PED compliance: -P					

Technical details

Maximum pressure	200 bar (2,900 psig) @ 371°C (700°F)
Maximum temperature	371°C (700°F)



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