

Remove heat and reduce flush fluid temperature to increase mechanical seal reliability and life without cooling water, electricity or compressed air.

The ANC Seal Cooler is designed to increase performance of finned pipe seal cooler designs, including no-wind and low-wind applications. The ANC Seal Cooler can be applied to multiple seal support systems, including piping plans 21, 23, 53B and 53C.

Features and benefits

- Unique conical design maximizes heat transfer in no-wind or low-wind services
- Fully compliant with API 682 4th Edition with large tube size to maximize flow
- 316 stainless steel construction provides superior corrosion resistance
- Minimizes operating costs and maintenance with no utilities required
- Compact design simplifies installation and maintenance, including easy cleaning, venting and draining
- Robust welded fins can be cleaned with power washers
- Two tube lengths with series and parallel flow configurations provide flexibility to achieve the right amount of cooling



Model numbers

Example:		Tube length (m)	Series or parallel coil	Connection type	Flange class
ANC06SW0600	ANC	06	S	W	0600
Model					
06 or 12					
S or P					
N (NPT), T (tube), W (welded flange) or F (flange with tube connector)					
0300, 0600 or 1500					

Add “-P” for Pressure Equipment Directive (PED) 2014/68/EU on 12S and 12P models only.

Note: not all configurations are available on all models.



ANC Seal Cooler included in a plan 53B assembly

Technical details for 6 m length

Standard materials of construction	316 stainless steel
Cooling coil tube O.D.	19 mm (0.750 in)
Cooling coil tube wall thickness	2.77 mm (0.109 in)
Effective cooling area	7.3 m ² (78 ft ²)
Maximum temperature	371°C (700°F)
Maximum pressure	200 bar @ 371°C (2,900 psig @ 700°F)
Volume	0.85 or 1.7 L (0.22 or 0.45 gallon)
Connections	Tube end, NPTF or flange
Flange rating	300#, 600# or 1500#

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Headquarters

Flowserve Corporation
5215 North O'Connor Blvd.
Suite 2300
Irving, Texas 75039-5421 USA
Telephone: +1 937 890 5839

USA and Canada

Kalamazoo, Michigan USA
Telephone: +1 269 381 2650

Europe, Middle East, Africa

Etten-Leur, The Netherlands
Telephone: +31 765 028 200

Asia Pacific

Singapore
Telephone: +65 6544 6800

Latin America

Mexico City
Telephone: +52 55 5567 7170

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