



## FSF SAMPLE COOLER (special materials)

**Compact, efficient sample cooling for high flow gases and liquids**

- Single helical coil design
- Wide variety of exotic alloys for corrosion resistance

The FSF series sample cooler is a compact sample cooler that provides broad application flexibility through the use of a variety of sample tube materials. Optimal service is for flows below 2000 ccm for single phase heat transfer. Special materials include 310SS, Titanium and nickel alloys listed below. Standard tube side materials are 316SS, Inconel® 625 and Hastelloy© C (see spec sheet 4.4). Consult factory for other materials not listed.

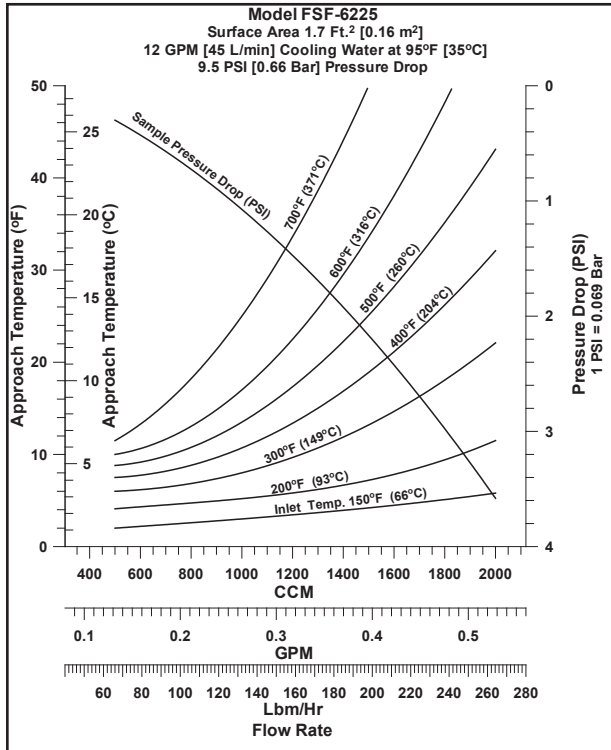
### Specifications - FSF Series

Model No.	Shell Design	Tube Design	Tube Material	Shell Material	Area	Weight	Part Number
FSF62S5	450 psi @ 650°F 31 bar @ 343°C	5000 psi @ 1000°F 344 bar @ 537°C	304SS 3/8" O.D. x 0.065"MW	304/316SS	1.7 ft <sup>2</sup> 0.16 m <sup>2</sup>	17 lbs 8 kg	7-01048D
FSF6261	450 psi @ 600°F 31 bar @ 315°C	800 psi @ 600°F 55 bar @ 315°C	Titanium 3/8" O.D. x 0.035"AW	304/316SS	1.7 ft <sup>2</sup> 0.16 m <sup>2</sup>	17 lbs 8 kg	7-00811B
FSF6251	450 psi @ 650°F 31 bar @ 343°C	1000 psi @ 650°F 68 bar @ 343°C	310SS 3/8" O.D. x 0.049"AW	304/316SS	1.7 ft <sup>2</sup> 0.16 m <sup>2</sup>	17 lbs 8 kg	7-00811A
FSF6201U	300 psi @ 650°F 20 bar @ 343°C	1500 psi @ 650°F 103 bar @ 343°C	Seacure® 3/8" O.D. x 0.035"AW	304/316SS	1.7 ft <sup>2</sup> 0.16 m <sup>2</sup>	17 lbs 8 kg	7-00811C
FSF6283	450 psi @ 650°F 31 bar @ 343°C	3000 psi @ 800°F 206 bar @ 426°C	Monel® 400 3/8" O.D. x 0.049"AW	304/316SS	1.7 ft <sup>2</sup> 0.16 m <sup>2</sup>	17 lbs 8 kg	7-00881A
FSF62A1	450 psi @ 600°F 31 bar @ 315°C	1000 psi @ 600°F 68 bar @ 315°C	Nickel 200 3/8" O.D. x 0.035"AW	304/316SS	1.7 ft <sup>2</sup> 0.16 m <sup>2</sup>	17 lbs 8 kg	7-01048B

**NOTE:**

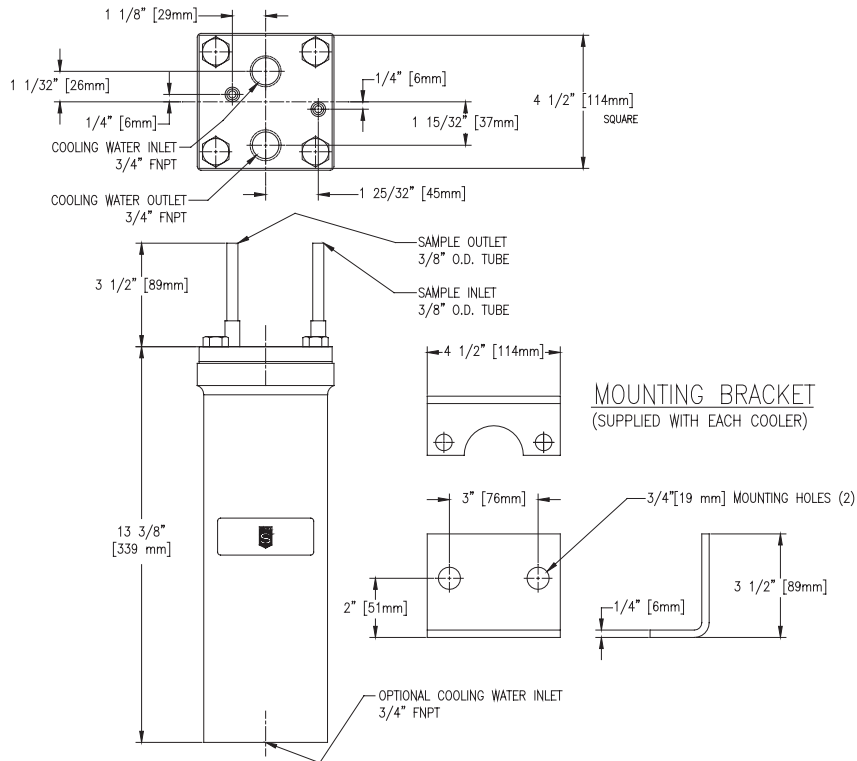
- Canadian Registration Number available for most models. Consult factory for CRN and other options and information.
- U in model number denotes ASME stamped model.
- Vessels are exempt from CE marking per PED 97/23/EC. Vessels are below or equal to the limits set forth in Article 3, Sections 1.1, 1.2, 1.3 and Section 2 as applicable, and are designed and manufactured in accordance with sound engineering practice (meets the general requirements of the ASME Section VIII, Division 1, Boiler And Pressure Vessel Code). Nameplate will bear the name of Sentry Equipment Corp. and safety instructions will be included per Article 3, Section 2.

## Performance Curve - Water



### Note:

Not recommended for steam condensing service. See TLF, FLF, FXF series sample coolers for this application.



## SENTRY Equipment Corp

856 E. Armour Rd.  
PO Box 127  
Oconomowoc, WI 53066 USA  
Phone: 262-567-7256  
Fax: 262-567-4523

E-mail:  
sales@sentry-equip.com

Website:  
www.sentry-equip.com

For further information, contact:

