



FXF SAMPLE COOLER

Compact, efficient sample cooling for high flow gases and liquids

- Double helical coil design
- Steam condensing service

The FXF series sample cooler is designed for efficient and cost effective sample cooling where higher flow is required. Optimal service for flows below 5000 ccm for both single phase and condensing heat transfer. Standard tube side materials are 316SS or Inconel® 625 for high chloride cooling water applications.

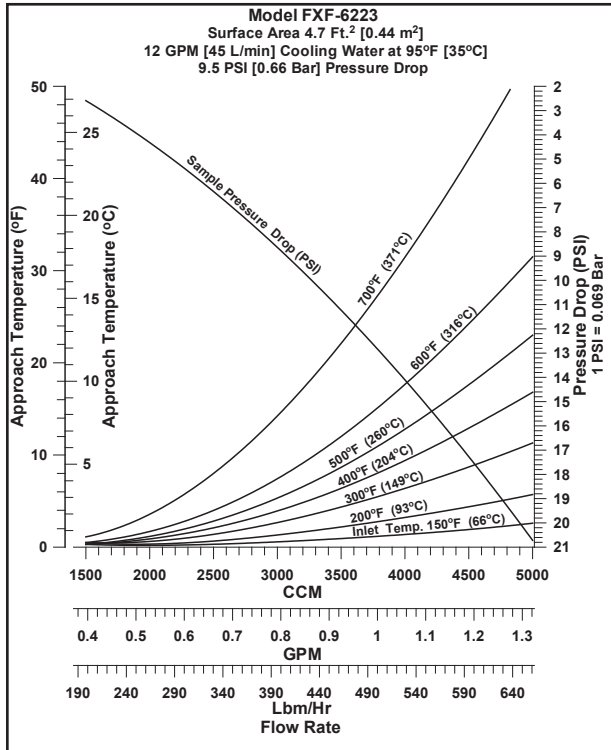
Specifications - FXF Series

Model No.	Shell Design	Tube Design	Tube Material	Shell Material	Area	Weight	Part Number
FXF6223	450 psi @ 650°F 31 bar @ 343°C	2850 psi @ 1000°F 196 bar @ 537°C	316SS 3/8" O.D. x 0.042"AW	304/316SS	4.7 ft ² 0.44 m ²	23 lbs 10.5 kg	7-00757B
FXF6223U	300 psi @ 650°F 20 bar @ 343°C	2560 psi @ 1000°F 176 bar @ 537°C	316SS 3/8" O.D. x 0.042"AW	304/316SS	4.7 ft ² 0.44 m ²	23 lbs 10.5 kg	7-00757E
FXF6225	450 psi @ 650°F 31 bar @ 343°C	5000 psi @ 1000°F 344 bar @ 537°C	316SS 3/8" O.D. x 0.065"MW	304/316SS	4.7 ft ² 0.44 m ²	30 lbs 14 kg	7-00757D
FXF62B3	450 psi @ 650°F 31 bar @ 343°C	3400 psi @ 1100°F 234 bar @ 593°C	Inconel® 625 3/8" O.D. x 0.035"MW	304/316SS	4.7 ft ² 0.44 m ²	35 lbs 16 kg	7-00757H

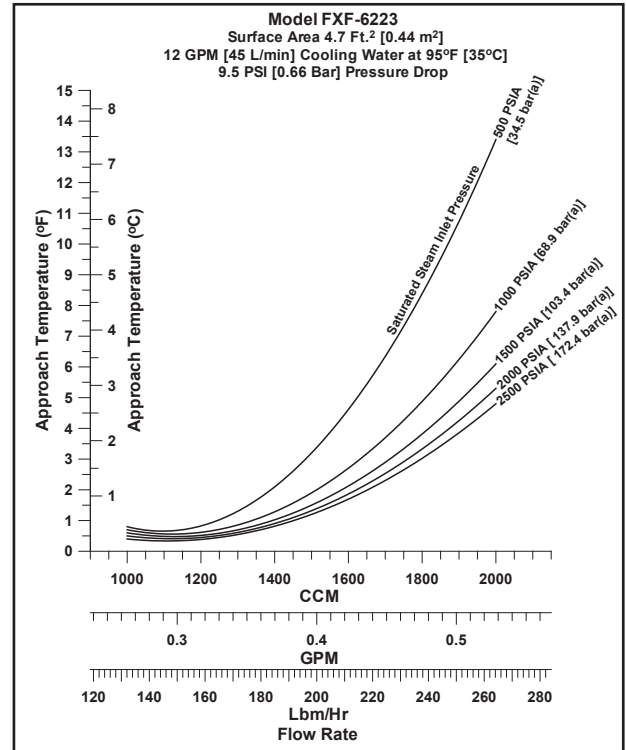
NOTE:

- 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.

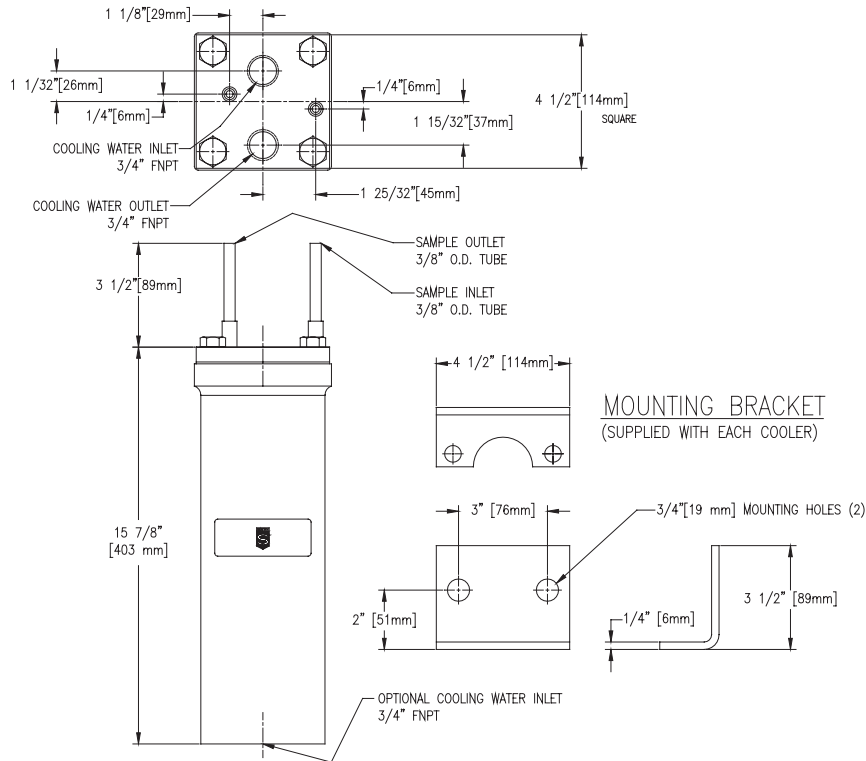
Performance Curve - Water



Performance Curve - Steam



Due to two-phase flow variability, please consult factory for pressure drop.



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