

# Fluid Cooling Shell & Tube A Series

0916

## Performance Notes

- ITT interchange
- B or HC series is recommended for new applications
- Competitively priced
- NPT, SAE O-Ring, SAE flange, or BSPP shell side connections available
- End bonnets removable for servicing
- Mounting feet included (may be rotated in 90° increments)



### Options

Non-ferrous construction (water-to-water service)

90/10 copper nickel cooling tubes, bronze end bonnets for sea water service and zinc anodes

## Ratings

### Maximum Operating Pressure - Shell Side

300 PSI

### Maximum Operating Pressure - Tube Side

150 PSI

### Maximum Operating Temperature

300°F

## Materials

**Tubes** Copper

**Hubs & Tubesheets** Steel or brass

**Shell** Steel or brass

**Baffles** Brass

**End Bonnets** Cast iron

**Mounting Brackets** Steel

**Gaskets** Nitrile rubber/cellulose fiber

**Nameplate** Aluminum foil

## How to Order

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<b>Model Series</b>		<b>Model Size Selected</b>		<b>Baffle Spacing</b>		<b>Tube Diameter Code</b>		<b>Tubeside Passes</b>		<b>Shell Material</b>		<b>Cooling Tube Material</b>		<b>End Bonnet Material</b>		<b>Zinc Anodes</b>
SA						4 - 1/4"		0 - One Pass		Blank - Steel		Blank - Copper		Blank - Cast Iron		Blank - None
SAF						6 - 3/8"		T - Two Pass		BR - Brass		CN - CuNi		B - Bronze		Z - Zinc
A								F - Four Pass								
AS																
AM																
AF																
AFM																

SA = NPT Shell side, NPT Tube. Available in 1200 & 1600 models only.

SAF = SAE 4 Bolt Flange (with UNC threads) Shell side connections; NPT Tube side connections. Available in 1200 & 1600 models only.

A = NPT Shell side connections; NPT Tube side connections (Not available in 400s. See SA)

AS = SAE O-Ring Shell side connections; NPT Tube side connections

AM = BSPP Shell side connections; BSPP Tube side connections

AF = SAE 4 Bolt Flange (with UNC threads) Shell side connections; NPT Tube side connections

AFM = SAE 4 Bolt Flange (with Metric threads) Shell side connections; BSPP Tube side connections

SAE flanges available on some models. Consult factory for details.