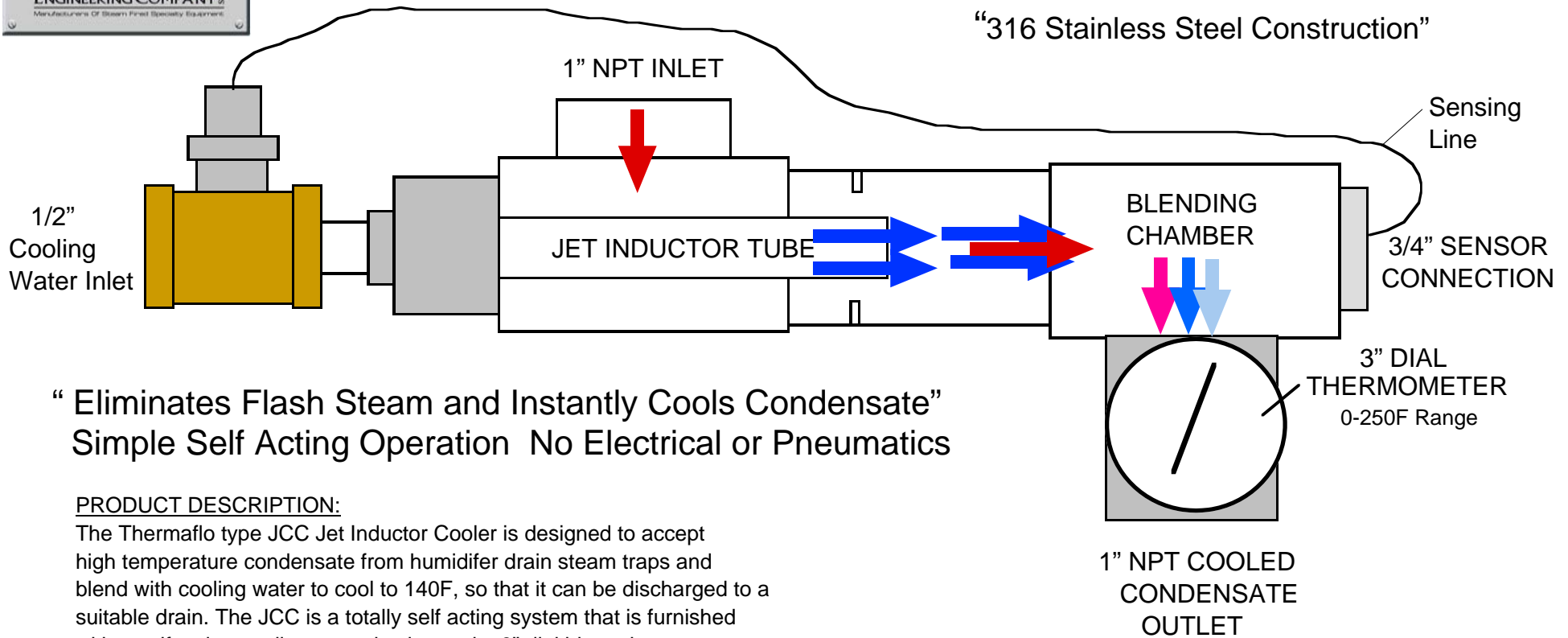




TYPE JCC Jet Condensate Cooler

“316 Stainless Steel Construction”



“Eliminates Flash Steam and Instantly Cools Condensate”
Simple Self Acting Operation No Electrical or Pneumatics

PRODUCT DESCRIPTION:

The Thermaflo type JCC Jet Inductor Cooler is designed to accept high temperature condensate from humidifier drain steam traps and blend with cooling water to cool to 140F, so that it can be discharged to a suitable drain. The JCC is a totally self acting system that is furnished with a self acting cooling control valve and a 3" dial bimetal type thermometer located in the outlet. The cooling valve has a hand adjustment so that the outlet blowdown temperature can be regulated.

The JCC totally eliminates the need for vented tanks or flash tanks on small systems. JCC 316 stainless construction last for many years in this service.

OPERATION

Hot condensate from steam traps enters the JCC at the top 1" port and flows directly into the blending chamber. The self acting cooling valve senses this hot liquid and opens allowing cooling water to flow into the blending chamber through the jet eductor tube. This greatly increases the velocity and suction on the inlet port, which promotes blending and cooling and condensing of the liquids or flash steam before cooled discharge to drain at 140F

Application Note: Humidifier separator drain traps and inner dispersion tube traps condensate loads do not exceed 100 lbs/hr each.

MAX BLOWDOWN TEMP: 220F 50 PSIG
MAX COOLING WATER PRESSURE: 100 PSIG
MIN COOLING WATER PRESSURE: 50 PSIG
MAX CONDENSATE FLOW RATE: 1000 lbs/hr
and or 3 GPM Condensate Flow
FACTORY SET POINT: 140F

DIMENSIONS:

Overall Length 18"
Overall Height: 10"

MATERIALS OF CONSTRUCTION:

316 Stainless Steel Blending Chamber
Bronze Single Seated Cooling Valve
Bronze Thermal Probe SS Well Optional

MADE IN USA INFO S210JCC

Thermaflo Engineering Inc. 2880 Fair Ave Newberry, South Carolina 29108