

# FULTON DESUPERHEATER STEAM CONDITIONERS



**Fulton**  
**SYSTEMS**

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Product: Horizontal (HH) and Vertical (HV) Desuperheater (Steam Conditioner)

Size & Design: Horizontal: 18" to 48" Shell Diameter Vertical: 12" to 36" Shell Diameter

Description: An absorption type Desuperheater is a tool for the papermaking process that reduces superheated steam temperatures to saturated steam temperatures. It is designed to thoroughly mix steam and condensate using a liquid spray nozzle and mist eliminator pad.

Application: May be installed in main steam supply as well as machine dryer section headers. Desuperheaters are ideal for steam shower applications where steam temperature and water droplet control is critical to your application. Units can be applied to both Yankee and conventional machines.

Design: Pressures to 300 psig Temperatures to 550°F.

Construction: All units are built, inspected and stamped in accordance with the A.S.M.E. Code Section VIII, Div. I. Units include certificate of inspection and national board registration.

Heads and Shell: A.S.M.E. Carbon Steel

Inlet/Outlet Nozzles: 150 or 300 lbs. A.N.S.I. B16.5

Mist Eliminator Pad: Stainless Steel

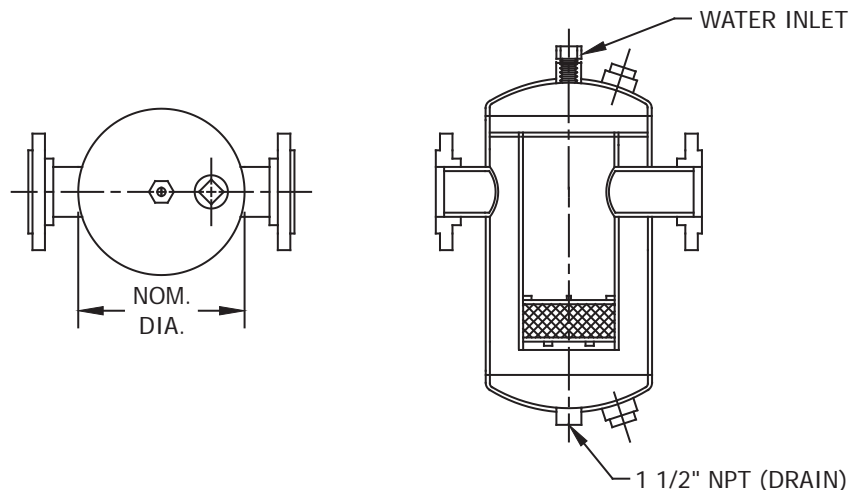
Accessories Included: S.S. spray nozzle, steel spray nozzle reducing bushing, and "Y" strainer with stainless steel screen and NPT connections.

Accessories: Several levels of control are available depending upon the process requirements.

Supports: Saddles, lugs, skirt. Steam Trap for accumulated condensate discharge. Visiflow for visual verification on condensate discharge.

Venturi, mechanically atomized and steam atomized type Desuperheaters are also available upon request.

### Standard Vertical Fulton Systems Desuperheater



### Standard Horizontal Fulton Systems Desuperheater

