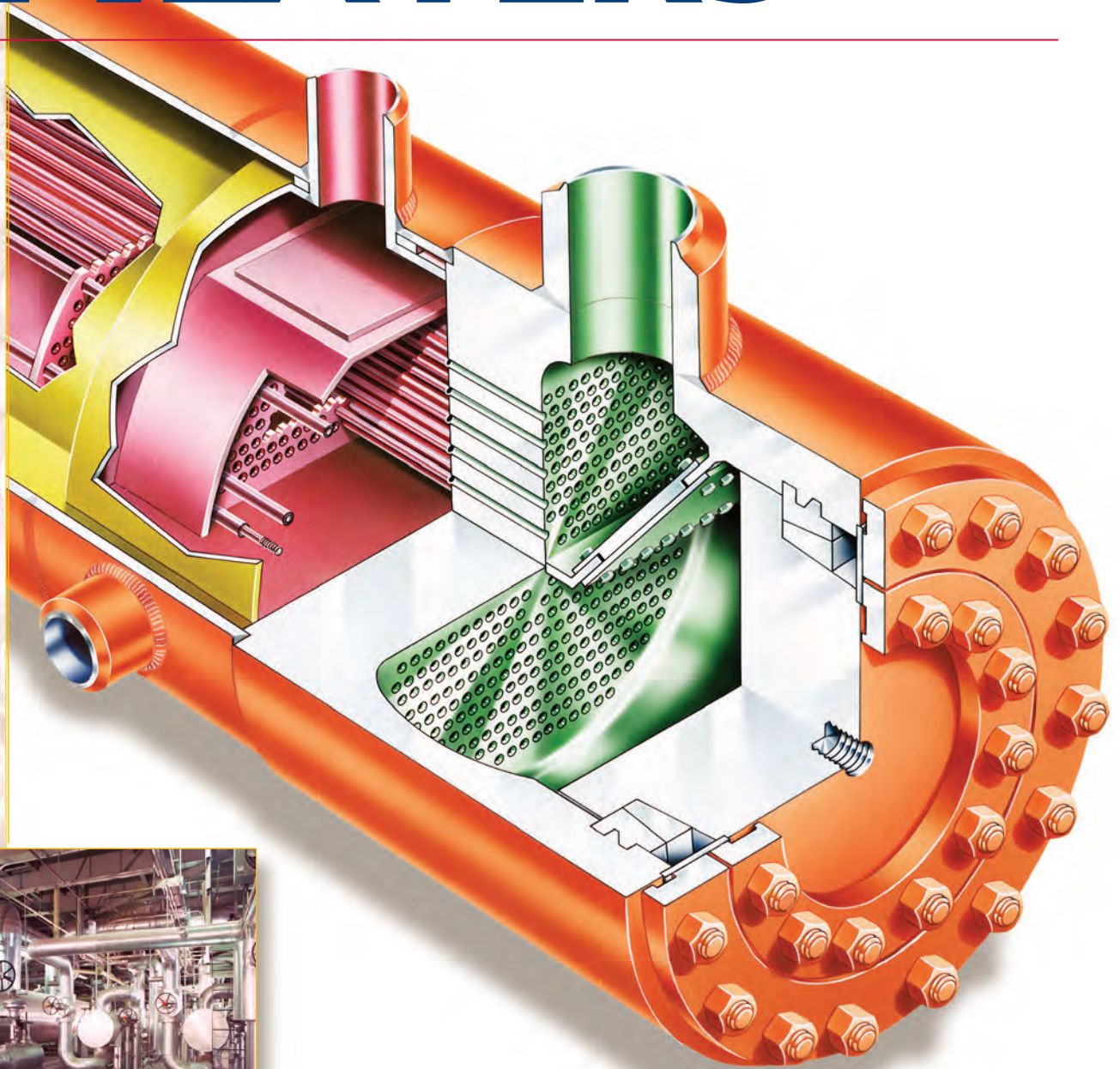


# FEEDWATER HEATERS



**Yuba<sup>®</sup>**



# FEEDWATER HEATERS

## FOR YOUR POWER PLANT

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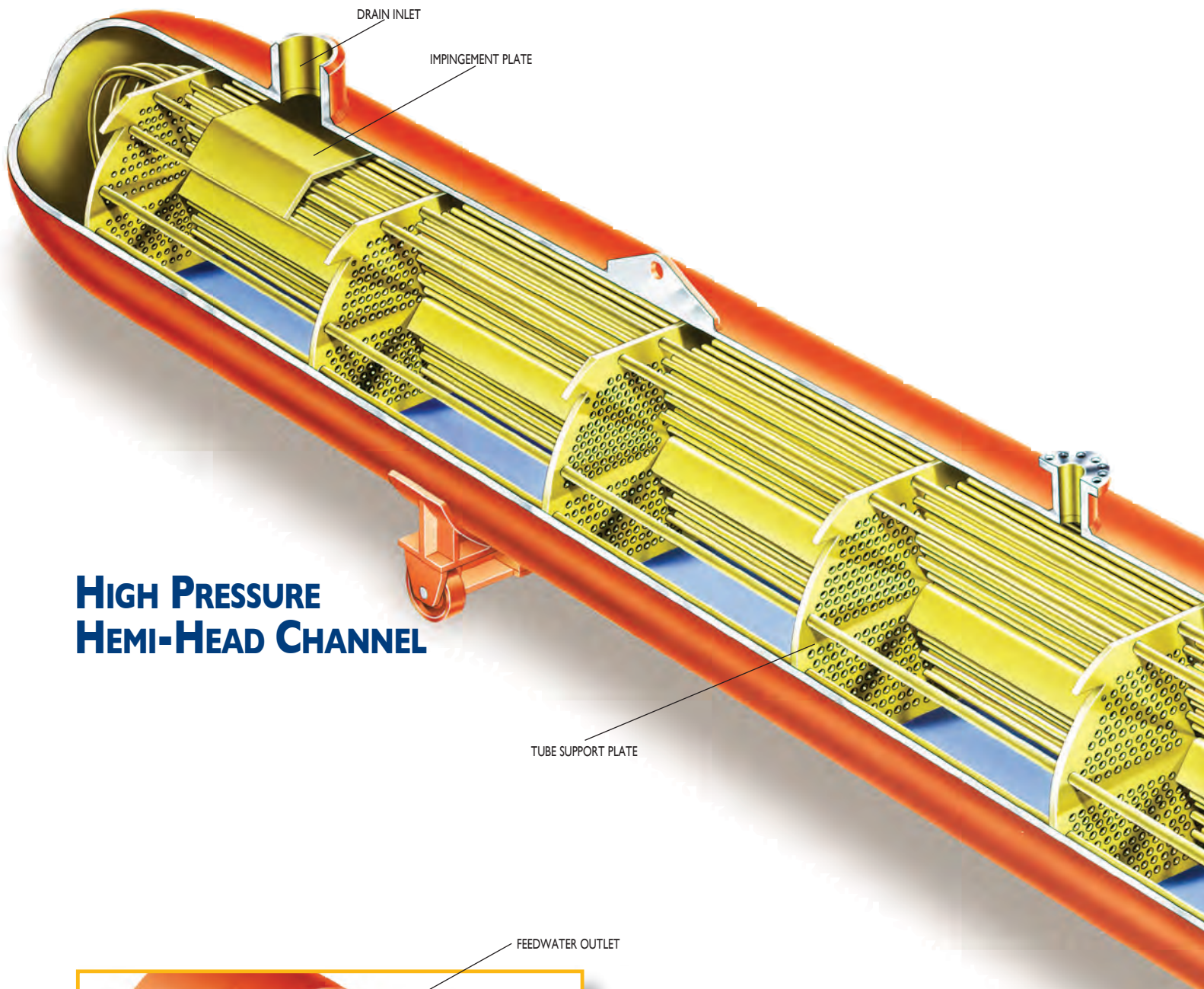


Feedwater heaters from SPX Heat Transfer have more cumulative years of design and manufacturing experience behind them than any others. Plus, there are more Yuba brand feedwater heaters currently in active service in power plants than any others. SPX Heat Transfer understands the unique needs of the power generation industry and provides it feedwater heaters that withstand years of rigorous service.

All shell and tube heat exchangers, irrespective of the type of service for which they were designed, must withstand severe service conditions. The service life of feedwater heaters, however, is one of the toughest because of the longevity and reliability factors inherent in power plant equipment designs.

SPX Heat Transfer's thorough understanding of these factors enhances its ability to communicate clearly with power design engineers. Yuba designs enable power engineers to anticipate maximum efficiency from the turbine extraction steam in preheating the boiler feedwater.

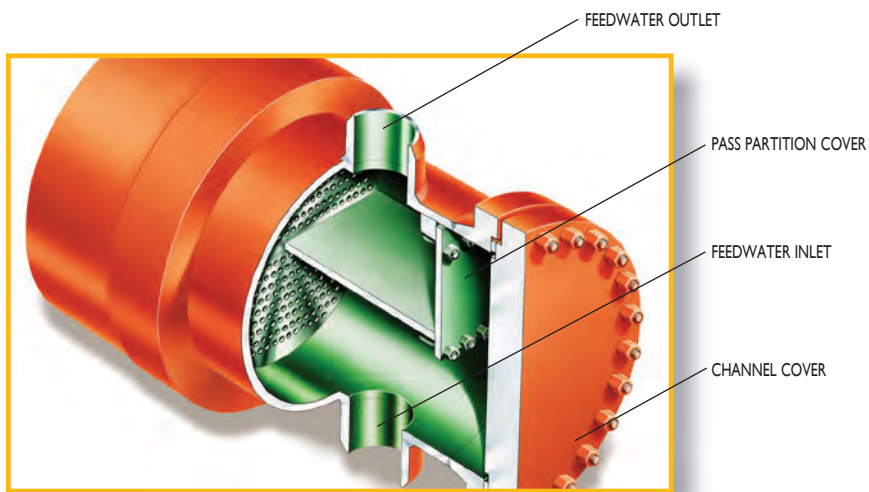




## High Pressure Hemi-Head Channel

DRAIN INLET  
IMPINGEMENT PLATE

TUBE SUPPORT PLATE

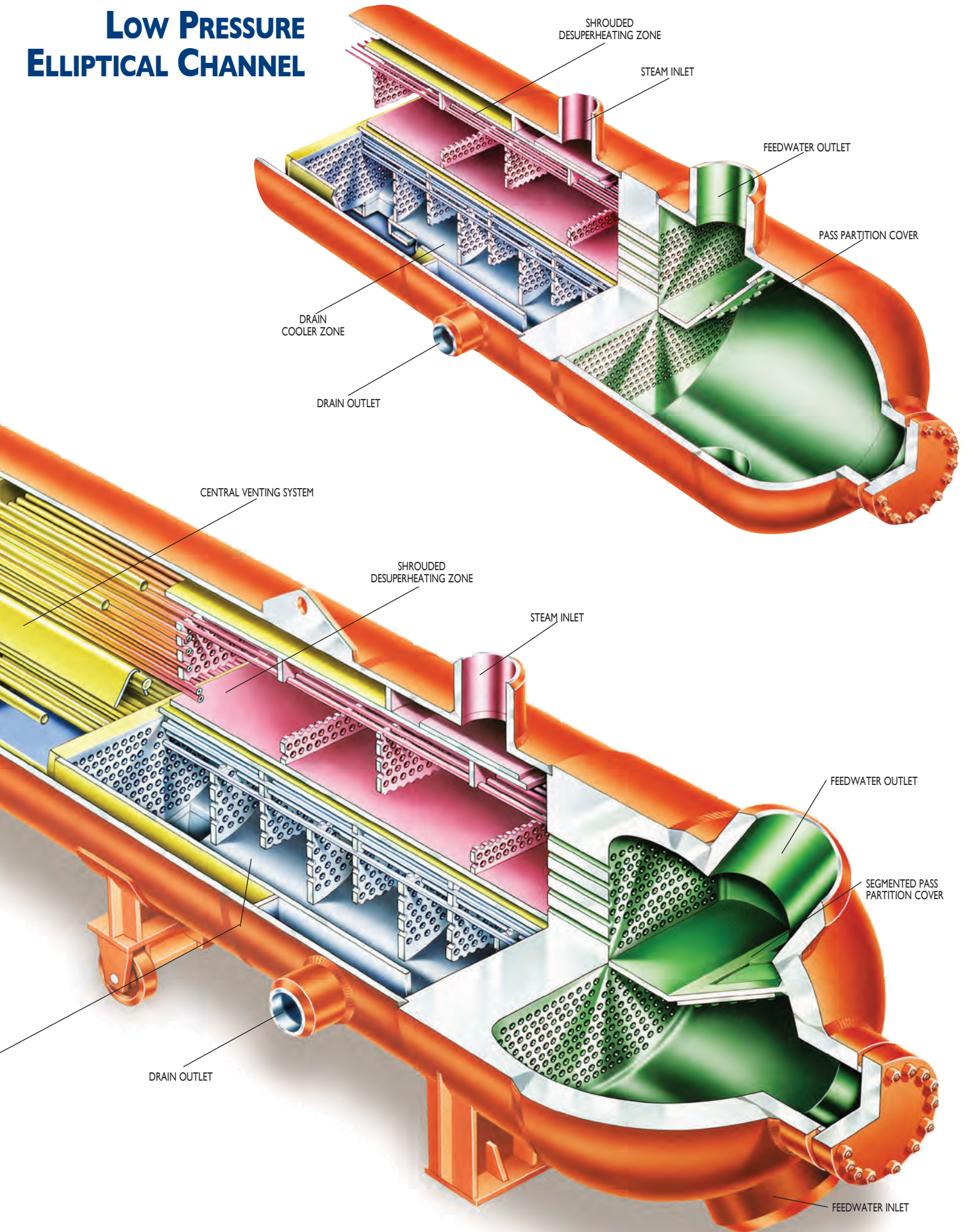


## Low Pressure Full Access Channel

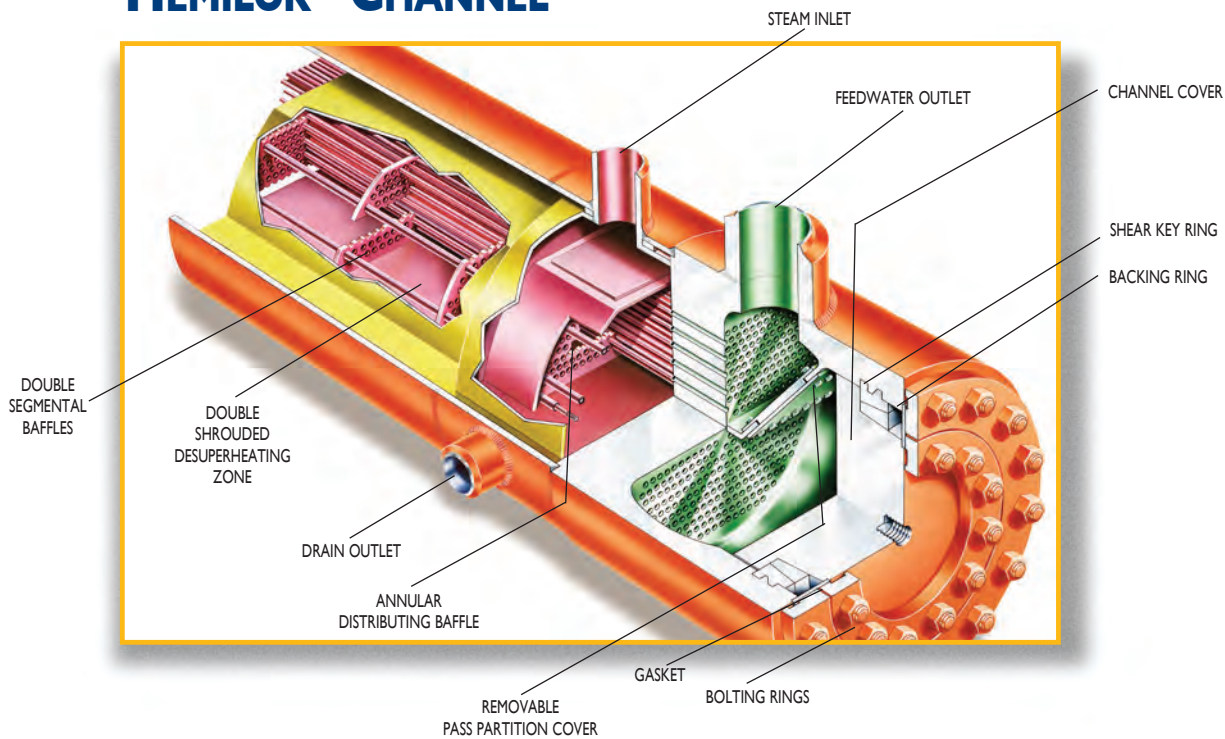
FEEDWATER OUTLET  
PASS PARTITION COVER  
FEEDWATER INLET  
CHANNEL COVER

DRAIN COOLER ZONE

# LOW PRESSURE ELLIPTICAL CHANNEL



# HIGH PRESSURE FULL ACCESS HEMILOK® CHANNEL



SPX Heat Transfer designs and manufactures both low pressure and high pressure feedwater heaters which may be installed either vertically or horizontally, depending on the plant design requirements. The physical and thermal characteristics are vastly different for high and low pressure feedwater heaters. Low pressure feedwater pressure ratings range between 400 and 800 psig, and high pressures range from 1,600 to 4,800 psig.

Each Yuba brand feedwater heater will contain from one to three separate heat transfer areas or zones including the condensing, desuperheating and sub-cooling zones. Economics of design, and the particular performance needs of your plant, will determine the design parameters for your feedwater heaters from SPX Heat Transfer.

SPX Heat Transfer's feedwater heater design engineers are always available to assist you in determining those design parameters and how they will impact performance in your power plant. Call today to experience the unique performance difference of SPX Heat Transfer. From engineering to manufacturing to installation to longer and more reliable service life from your feedwater heaters.

When you need feedwater heaters for your power plant you need SPX Heat Transfer. Call 918 234 6000 or visit the Yuba product website at [spxheattransfer.com](http://spxheattransfer.com)





# Yuba<sup>®</sup>

**SPX<sup>®</sup>**  
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