

# SONDEX Shell & Tube Heat Exchangers

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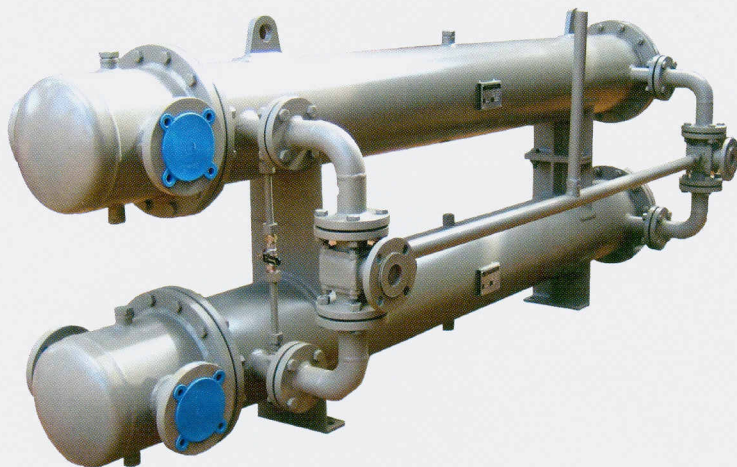
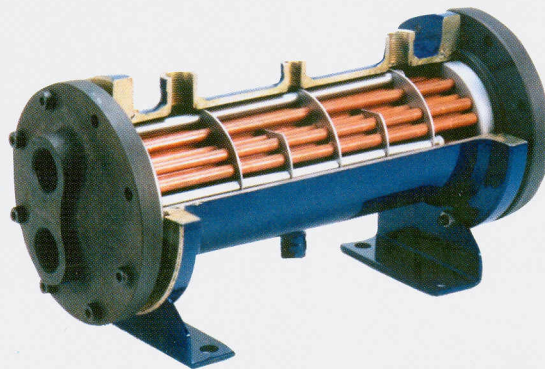
# SONDEX





# SHELL & TUBE HEAT EXCHANGERS

- Materials of construction: Copper, brass, cupro-nickel, gun metal, stainless steel, carbon steel and nickel alloys.
- Fluids handled: Mineral oil, SAE oil, furnace oil, vegetable oil, water glycol, phosphate esters, steam, sea water, white water and black liquor, sugar syrup and c-masquit.
- Shell size DN80 to DN1000, L = 6100
- Heat dissipation rate: Up to 6000 kw
- Fluid flow rate: Up to 10.000 LPM
- Operating pressure: Up to 80 bar
- Temperature range: From -30 °C to + 650 °C

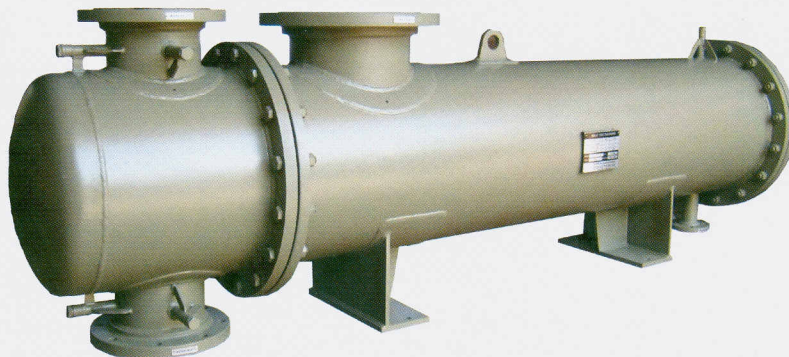


- Designs as per:  
TEMA class R, C, B.  
ASME section VIII Div.1.  
DGQA.  
AD-Merkblätter  
EN 13445
- Available in low fine tube design for compactness.
- Available in removable bundle type, fixed tube sheet type and 'U' bundle type constructions.
- Equivalent replacement tube bundles.

Approval:  
DNN    LRS  
BV     ABS  
GL  
PED

## OTHER APPLICATIONS

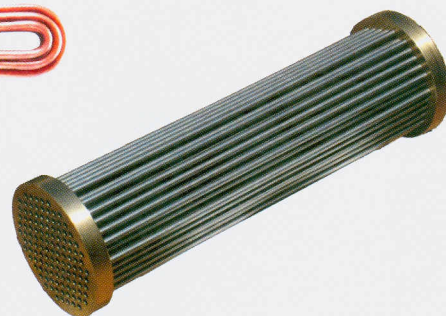
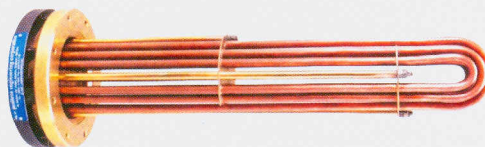
- Steam condensers and evaporators.
- Water preheaters.
- Oil Preheaters / suction heaters.
- Exhaust gas heat exchangers. (Bio and natural gas)
- Juice and C masquite heaters for sugar industries.
- Black liquor and white water for paper industries.
- Engine jacket water coolers.
- Refrigeration condensers.



Heat Exchanger for Marine Application

Tank Mounted Heat Exchanger

Replacement Tube bundles



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