



Shell & Tube Heat Exchangers

PRE-ENGINEERED SERIES: SX2000

Standard **X**change
a xylem brand

SX2000



MATERIALS

SHELL	Fabricated Carbon Steel
TUBE SHEETS	Fabricated Carbon Steel with option for Stainless Steel 316 or 90/10 CuNi
TUBES	Copper with option for Stainless Steel 316, 90/10 or 70/30 CuNi. Tube Diameter: 1/4" and 3/8"
BONNETS	Cast Iron with cast Stainless Steel 316 and Cast Bronze options
FEET & BOLTING	Carbon Steel

SX2000/SX2000C STANDARD DESIGN CAPABILITIES

	DESIGN PRESSURE	DESIGN TEMPERATURE
Tube Side	150 psi 10.5 kg/cm ²	300°F 148.9°C
Shell Side	300 psi 21.1 kg/cm ²	300°F 148.9°C

DETAILS

- Compact design with shell diameters 2" to 8", standard tube lengths 8" to 72" with custom tube lengths to 144".
- Available in 1, 2 & 4 tube side pass configurations.
- Same day, three-day, or five-day Quick Ship Program available.
- ASME Code options available.
- Flanged connection options available.

EXCHANGER TYPE:

Straight Tube

Fixed Tubesheet

ADVANTAGES:

All welded rugged carbon steel shell side construction provides maximum durability.

Less costly than removable bundle exchangers.

Provides maximum heat transfer surface area per given shell and tube size.

Easily interchangeable with designs of various manufacturers.

Tube side can be steam or mechanically cleaned.

Only tube side fluids exposed to gaskets.

No packed joints.

LIMITATIONS:

No provision for differential expansion of tubes and shell.

Shell side may not be mechanically cleaned.