xylem
Let's Solve Water

Shell & Tube Heat Exchangers

PRE-ENGINEERED SERIES: SX2000

Southgate Process Equipment, Inc.

Standard Xchange
a xylem brand

Southgate Process Equipment, Inc.
87 Hickory Springs Industrial Drive
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SX2000/ SX2000C

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.
- Expediting options are available please contact us for more information (770) 345-0010.
- ASME Code options available.
- Flanged connection options available.

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

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.

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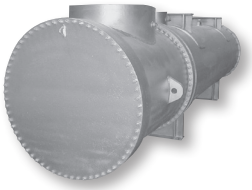
Models of Efficiency

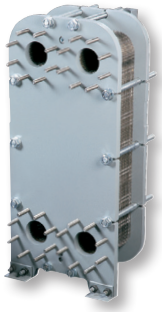


CENTURY SERIES®

Engineered/ customized heat exchangers for process and other heating/cooling applications.

BRAZEPAK®

Brazed plate heat exchanger.



PLATEFLOW®

Gasketed plate & frame heat exchanger.

AIREX® AND FANEX®

Air/oil, air/air, or air/water heat exchangers.

PRE-ENGINEERED SERIES

BCF®/SSCF®/ SX2000®/B300® Pre-engineered shell and tube heat exchanger.

Xylem |ˈzīləm|

1) The tissue in plants that brings water upward from the roots;
2) a leading global water technology company.

We're a global team unified in a common purpose: creating advanced technology solutions to the world's water challenges. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. Our products and services move, treat, analyze, monitor and return water to the environment, in public utility, industrial, residential and commercial building services settings. Xylem also provides a leading portfolio of smart metering, network technologies and advanced analytics solutions for water, electric and gas utilities. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise with a strong focus on developing comprehensive, sustainable solutions.

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