

Sidearm Heat Exchangers

are designed using the natural thermo-siphon concept on the domestic hot water side. While traditional sidearms are made of two bare copper tubes and their capacity is determined by the length of these sidearm-tubes, their heat transfer efficiency is very low. Our fin-enhanced sidearms are made of stainless steel and have a high heat transfer efficiency resulting from the utilization of an internal finned tube. The fin tubed design provides a surface area five to eight times bigger than the bare tube design and produces significant turbulence on the system side. The fin-enhanced sidearm provides a larger capacity and faster heating using a shorter unit.

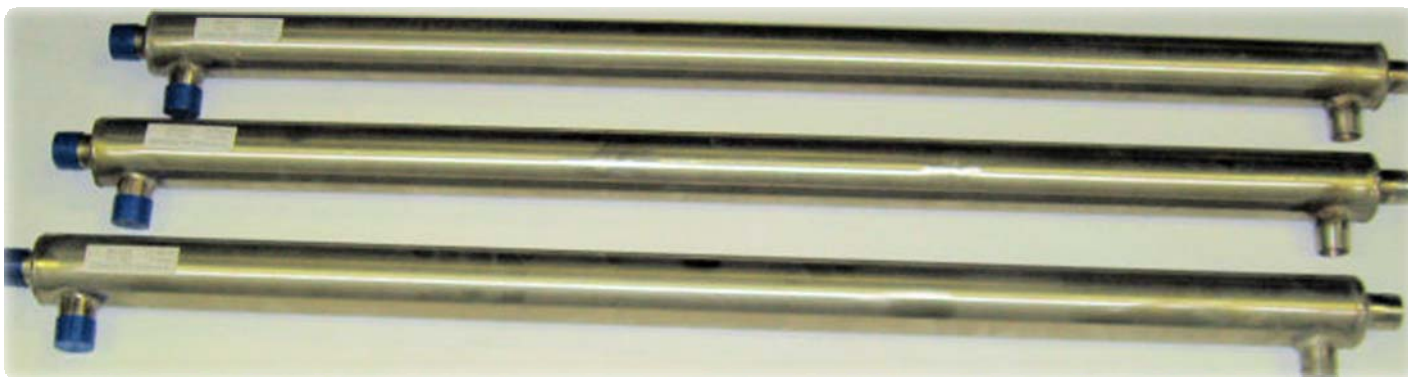
Applications:

- Domestic Water Systems
- Conventional Boilers
- Outdoor Wood Furnaces
- Solar Hot Water Systems

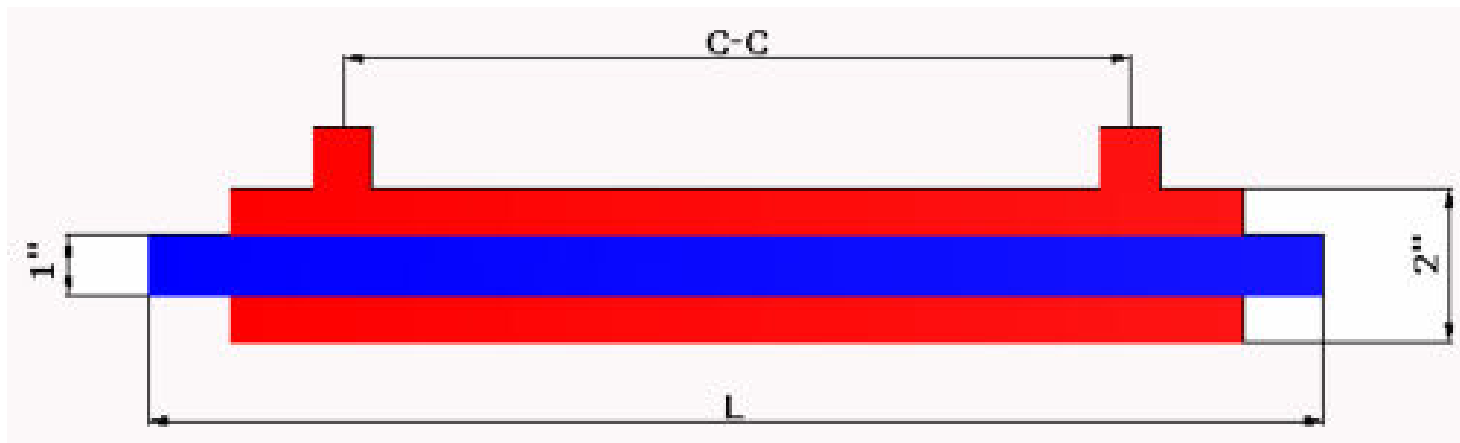
Benefits:

Manufactured under stringent quality control standards, our Sidearm Heat Exchangers offer:

- Stainless Steel Construction
- Greater Heat Transfer Efficiency
- Larger Capacity and Faster Heating
- No Cross Contamination of Potable Water
- Compact Size
- Lightweight Design



Model No	BTU	Length	Construction Size		Construction	C-C Distance
			DHW Side	System Side		
FES-115	11500	975mm	3/4" NPT	3/4" NPT	SS304	855mm
FES-95	9500	840mm	3/4" NPT	3/4" NPT	SS304	720mm



Main Features:

- **Double Walled Fin-Enhanced Design:** with fin-enhanced sidearm you need only a shorter unit, but get bigger capacity and faster heating.
- **Natural Thermo-Siphon Design:** designed using the natural thermo-siphon concept on domestic hot water side.



Double walled fin-enhanced sidearms are available upon request.

www.heatexchangersonline.com

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Units kept in stock for immediate delivery.