

Fin Sidearm Heat Exchanger

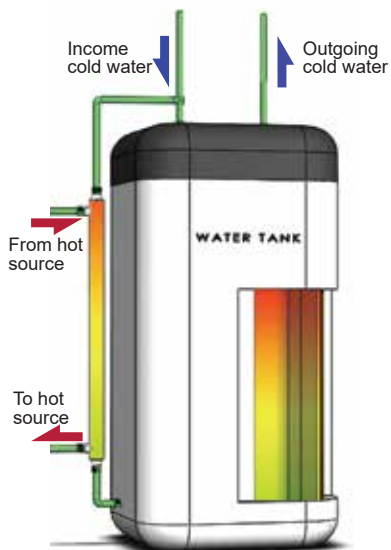
Applications:

- Outdoor wood boiler domestic hot water tie in
- Boiler tie into domestic hot water
- Solar thermal heat dump to domestic hot water

The Fin Enhanced side arm heat exchanger, using a fin design adds more surface area giving us an surface area five to eight times larger than traditional tube & shell side arms.

Fin Enhanced Advantages:

- Highly Efficient
- Better Heat Transfer
- Takes up less space due to compact design
- Faster recovery time
- Made from stainless steel



Domestic water heating

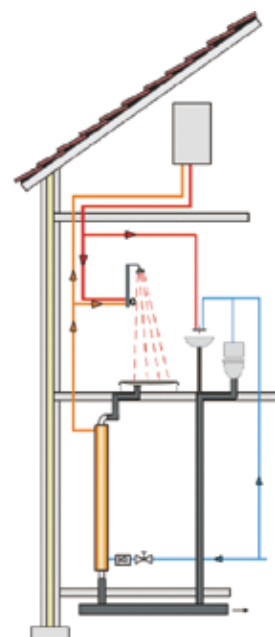
As the Domestic Water is being heated, it is being drawn up the center of the water to water heat exchanger by convection, Both fluids are exchanger heat in separate chambers insuring that the two fluids do not mix This convection process is constantly working as long as the boiler system is circulating the preheated water through the jacket of the Side Arm heat exchanger

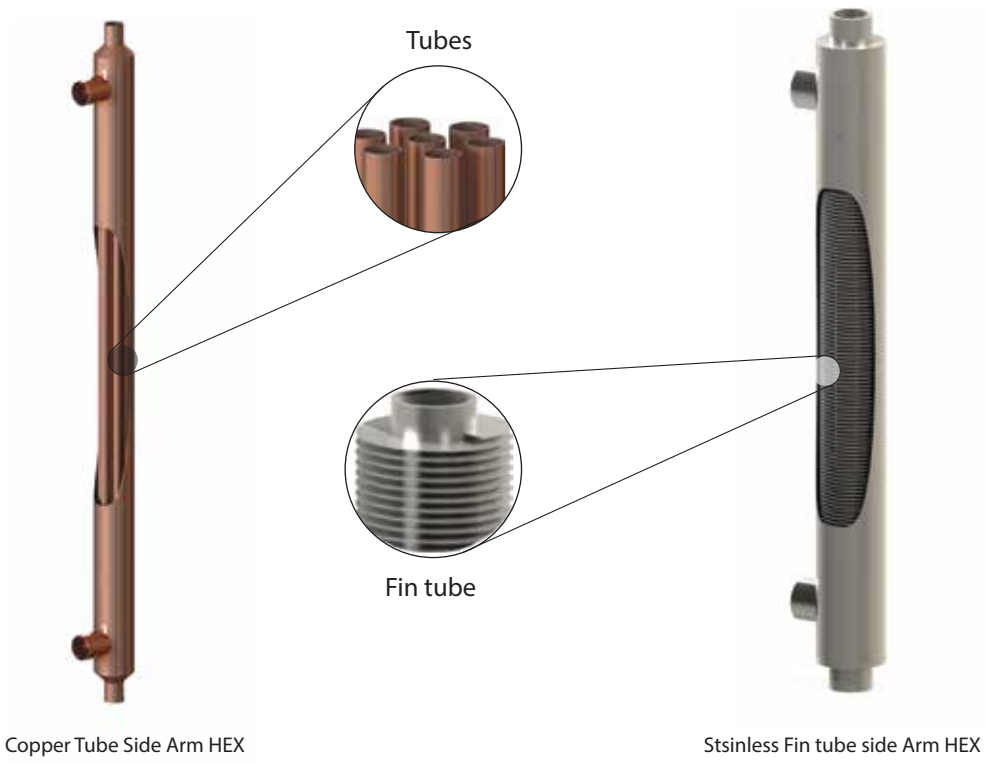
Shower Waste water heat recovery

By applying the fin showersave the cold water going to the water heater and the shower's mixer tap will be preheated. The water heater needs to work less then half of it's capacity during a shower. For dwellings savings over 200m³ gas a year can be achieved.

The fin sidearm showersave can be used in dwellings that have the shower on the first floor.

Besides dwellings the Fin sidearm showersave can also be used in hotels,apartments, nursing homes, swimming pools, hospitals, industrial applications, etc.





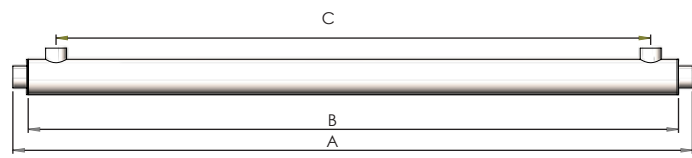
Sidearm Heat Exchanger Specification

Material

Fin Side Arm: 316L / 304
 Copper Side Arm: Copper

Connection type:

Fin Side Arm: NPT Female
 Copper Side Arm: Solder



Model	A	B	C
CSA24	609	549	510
SA33	840	800	720
SA38	977	935	855

