

Heater coil ratings

1/2" coils are fine to 10gpm.. BackPressure is only about 75psi

..But.. if hard water scale is a problem in your area, that can choke a coil into several hundred Psi back pressure.. use the 3/4" coils for over 8gpm.

3/4" coils are good to 15gpm, but they blowOut easier.. ..Nobody likes blowOuts ! ..coils are expensive downtime !

1/2" schedule 80 pipe is good to 7000psi. 3/4" I don't like to use over 3500psi..

ExtraHeavy pipe is available.. Schedule 160 is super thick, and rated to 7000psi, but takes a bigger, more expensive machine to bend..

Example: in the 24" coils..

1/2" in schedule 160 is \$1000 additional to the price of schedule 80

3/4" sch160 is an additional \$1700 ! over standard price.

So.. stick with the 1/2" unless you think you'll still be in the business for 25 years.

About the "Euro-style heaters with 3/8" pipe coils..

with 3/8" pipe, your flow restriction at over 4gpm is Stupid-high.

..and keeping it from scaling up will waste your profitability..

Get 1/2" coil for 4 to 8gpm, and 3/4" coils for 8 to 14gpm. **YOU NEED LONG-TERM-LOW-COST**