

HEATER PIPING

INCLUDE ALL PIPE, FITTINGS, AND VALVES IN THE HEATER LOOP TO AND FROM THE MAIN RETURN PIPING

	EQUIV. LIN. FT.	FT. OF HEAD
_____ lineal feet of _____ inch diameter pipe.....		
_____ ell(s) 45 _____ inch, each equivalent to _____ feet of straight pipe – total.....		
_____ ell(s) 90 _____ inch, each equivalent to _____ feet of straight pipe – total.....		
_____ tee(s) _____ inch, each equivalent to _____ feet of straight pipe – total.....		
_____ adapter(s) _____ inch, each equivalent to _____ feet of straight pipe – total.....		
_____ reduction(s) _____ inch to _____ inch-loss in feet of head.....		
_____ enlargement(s) _____ inch to _____ inch-loss in feet of head.....		
_____ valve(s) _____ inch, each equivalent to _____ feet of straight pipe – total.....		
_____ _____ inch, each equivalent to _____ feet of straight pipe – total.....		
_____ heater—loss in feet of head.....		
Equivalent length of heater piping—total (add all equivalent lineal feet for this section).....		
Loss in feet of head due to friction in _____ feet of _____ inch pipe at _____ gpm.....		
Velocity through heater piping _____ feet/sec.		

NOTES:

1. Use the flow from step 11 or actual flow through heater as the gpm for this section.