

INLET PIPING

INLET # _____ PROVIDE CALCULATION SHEETS FOR INLET WITH MOST RESTRICTION

**EQUIV.
LIN. FT.**

**FT. OF
HEAD**

SECTION A (ALL PIPE AND FITTINGS FROM THE FITTING BY THE POOL OR FROM THE PREVIOUS INLET TEE OR ELL)

_____ 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.....

Equivalent length of piping, section A—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 individual skimmer piping—section A _____ feet/sec.

SECTION B (ALL PIPE AND FITTINGS FROM THE INLET TEE OR ELL TO POOL WALL)

_____ 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.....

_____ inlet orifice _____ inch—loss in feet of head.....

Equivalent length of piping, section B—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 inlet piping—section B _____ feet/sec.

NOTES:

1. Use the actual flow through the section A for section A gpm (step 17 flow times # of inlets being fed by section B). Use the flow from step 17 as the gpm from section B.