

SPECS FOR SIZING AN IRRIGATION PUMP:

2.31 X PSI DESIRED (TYPICALLY 45PSI) + ELEVATION
+ PSI LOSS ON PIPE + PSI LOSS ON VALVES

50 FOOT OR LESS ELEVATION: TYPICALLY USE
1 ½ SUCTION & 1 ¼ MAIN LINE

50 FOOT OR MORE ELEVATION: TYPICALLY USE
2 SUCTION & 1 ½ MAINLINE

SPECS FOR SIZING A WATERFALL PUMP:

2.31 X 10 PSI + ELEVATION + PSI LOSS ON PIPE

FOR EVERY 1 FOOT OF WATER @ ½" OF DEPTH =
20GPM

Power used:

Volts x Amps = Watts ÷ 1000 = Power Used x However Much
Electric Company charges per hour (usually .10 to .14 per
hour)