

LH1000 POWER OUTPUT CHART

Head (feet)	Flow Volume (GPM)	Watts (approximate)	Pipe Size (minimum)
1	320	25	8"
2	450	70	8"
3	550	150	10"
4	635	250	10"
5	710	350	10"
6	775	465	12"
7	840	585	12"
8	895	715	12"
9	950	850	12"
10	1000	1000	12"

Head in feet can be converted to meters by multiplying feet x .3048

If there is not enough water volume for the available head, the head can be reduced to match the available volume of water. The head can be reduced by adjusting the vertical drop for the diversion inlet and/or the length of the draft tube. If the site cannot produce the water volume necessary for the head, the turbine will not have enough water to operate, causing air to be sucked into the machine. This situation will reduce the power output considerably. If the water flow exceeds what is required to operate the machine, consider adding additional turbines.