

Table 6.5 : K-Values for different fittings

Type of Fitting	Value of K
Sudden contractions	0.3* - 0.5
Entrance shape well rounded	0.5
Elbow 90 ⁰	0.5-1.0
45 ⁰	0.4-0.75
22 ⁰	0.25-0.50
Tee 90 ⁰ take-off	1.5
Straight run	0.3
Coupling	0.3
Gate valve (open)	0.3** - 0.4
With reducer and increaser	0.50
Globe	10.0
Angle	5.0
Swing check	2.5
Venturi Meter	0.3
Orifice	1.0

* Varying with area ratios.

** Varying with radius ratios.