

Calculated Data for expl\_1.db

Line Label	Pipe Dia inches	Pipe Length feet	Flow ft^3/s	USGPM	m^3/s	Head Loss ft	meters	Pressure Drop psid	Velocity ft/s	m/s
A	8.0	1072.81	1.043	468.09	0.03	4.921	1.5	2.13	2.98	0.91
B	12.0	731.08	0.645	289.42	0.018	0.17	0.052	0.07	0.82	0.25
C	10.0	1000.0	1.185	531.91	0.034	1.872	0.57	0.81	2.17	0.66
D	12.0	500.0	3.413	1531.91	0.097	2.879	0.878	1.25	4.34	1.32
E	10.0	1222.82	1.688	757.5	0.048	4.546	1.386	1.97	3.09	0.94
F	6.0	600.0	1.654	742.5	0.047	30.267	9.225	13.1	8.41	2.56
G	8.0	800.0	2.802	1257.5	0.079	25.551	7.788	11.06	8.02	2.44

Fittings for line A	Quantity
Globe Valve Y-Pattern	1
Globe Valve Right Angle	1

Fittings for line B	Quantity
Plug Valve 2-Way	1

Fittings for line C	Quantity
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Fittings for line D	Quantity
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Fittings for line E	Quantity
Globe Valve Y-Pattern	2
Globe Valve Right Angle	1

Fittings for line F	Quantity
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Fittings for line G	Quantity
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