

CARRY PUMPS

REFERENCE CHART

FRICTION LOSS

FITTINGS	4" PIPE	6" PIPE	8" PIPE	10" PIPE	12" PIPE
90° ELBOW	11 FT.	16 FT.	21 FT.	26 FT.	30 FT.
SWING CHECK VALVE	27 FT.	40 FT.	53 FT.	67 FT.	82 FT.

FLOW U.S. GPM	4" PIPE	6" PIPE	8" PIPE	10" PIPE	12" PIPE
	HEAD LOSS PER 100 FT	HEAD LOSS PER 100 FT	HEAD LOSS PER 100 FT	HEAD LOSS PER 100 FT	HEAD LOSS PER 100 FT
100	0.64				
150	1.37	0.19			
200	2.32	0.32			
250	3.51	0.48			
300	4.91	0.67	0.18		
350	6.54	0.89	0.23		
400	8.37	1.14	0.30	0.10	
450	10.26	1.41	0.37	0.12	
500	12.64	1.72	0.45	0.15	
550	15.07	2.05	0.54	0.18	
600	17.71	2.41	0.63	0.21	
650	20.52	2.79	0.73	0.24	
700	23.54	3.20	0.84	0.28	
750	26.73	3.64	0.96	0.32	
800	30.13	4.10	1.07	0.36	
850	33.70	4.59	1.20	0.41	
900	37.42	5.10	1.34	0.44	0.18
950	41.36	5.51	1.48	0.49	0.18
1000	45.52	6.21	1.63	0.54	0.22
1100	54.54	7.40	1.94	0.64	0.27
1200		8.69	2.28	0.76	0.31
1300		10.04	2.65	0.87	0.36
1400		11.56	3.03	1.00	0.42
1500		13.12	3.45	1.14	0.47
1600		14.80	3.89	1.29	0.53
1800		18.41	4.83	1.60	0.66
2000		22.36	5.89	1.94	0.81
2200		26.68	7.02	2.32	0.96
2400		31.32	8.21	2.72	1.13
2600			9.56	3.15	1.31
2800			10.96	3.62	1.50
3000			12.42	4.11	1.71
3200			14.47	4.63	1.90
3500			16.52	5.44	2.27