Irrigation Pressure Chart

BASED ON A 50 FOOT SUPPLY LINE																
Water Meter	Supply Line	Control Valve	System Pipe	30	35	40	45	50	55	60	65	70	75	80	85	90
5/8"	½”	3/4"	3/4"	2	3	4	4	5	5	6	6	7	7	7		
5/8"	3/4"	3/4"	3/4"	4.5	6.6	8.1	9.4	10.5								
3/4"	3/4"	3/4"	3/4"	4.8	6.9	8.5	9.9	11.1	12.2	13.3	14.3					
3/4"	3/4"	3/4"	1"	5.8	8.0	10.0	11.6	13.0	14.5	15.5	16.6					
3/4"	1"	3/4"	3/4"	5.6	8.1	10.0	11.3	13.0	14.3	15.5	16.6	17.7	18.7			
3/4"	1"	3/4"	1"	7.1	10.1	12.5	14.5	16.3	17.9	19.3						
1"	1"	3/4"	3/4"	5.6	9.1	10.0	11.6	13.0	14.3	15.5	16.6	17.7	18.7			
1"	1"	3/4"	1"	7.6	10.9	13.3	15.5	17.3	19.0							
1'	1"	1"	1"	8.7	12.5	15.5	18.0	20.1								
1"	1 1/4"	1"	1"	9.7	13.9	17.1	19.9									

BASED ON A 100 FOOT SUPPLY LINE																
Water Meter	Supply Line	Control Valve	System Pipe	30	35	40	45	50	55	60	65	70	75	80	85	90
5/8"	3/4"	3/4"	3/4"	3.9	5.6	7.0	8.1	9.1	10.0							
3/4"	3/4"	3/4"	3/4"	4.0	5.8	7.2	8.4	9.5	10.4	11.3	12.2	12.9	13.7			
3/4"	3/4"	3/4"	1"	4.6	6.5	8.1	9.4	10.6	11.7	12.7	13.6	14.5	15.3			
3/4"	1"	3/4"	3/4"	5.3	7.6	9.4	10.9	12.3	13.5	14.7	15.7	16.7	17.7	18.6	19.5	
3/4"	1"	3/4"	1"	6.5	9.3	11.5	13.3	15.0	16.5	17.8	19.1					
1"	1"	3/4"	3/4"	5.5	7.9	9.8	11.4	12.8	14.1	15.2	16.4	17.4	18.4			
1"	1"	3/4"	1"	6.8	9.8	12.0	14.0	15.7	17.3	18.7	20.1					
1"	1"	1"	1"	7.6	11.0	13.7	15.9	17.9	19.7							
1"	1 1/4"	1"	1"	9.2	13.2	16.2	18.9									

BASED ON A 150 FOOT SUPPLY LINE																
Water Meter	Supply Line	Control Valve	System Pipe	30	35	40	45	50	55	60	65	70	75	80	85	90
5/8"	3/4"	3/4"	3/4"	3.5	5.0	6.2	7.2	8.1	9.0	9.7	10.4					
3/4"	3/4"	3/4"	3/4"	3.5	5.1	6.4	7.4	8.4	9.2	10.0	10.7	11.4	12.1			
3/4"	3/4"	3/4"	1"	4.0	5.5	7.0	8.1	9.2	10.1	10.9	11.7	12.5	13.2			
3/4"	1"	3/4"	3/4"	5.0	7.2	8.9	10.4	11.7	12.0	13.9	15.0	16.0	16.8			
3/4"	1"	3/4"	1"	6.0	8.7	10.7	12.4	13.9	15.3	16.6	17.6	18.9	20.0			
1"	1"	3/4"	3/4"	5.1	7.4	9.2	10.7	12.0	13.2	14.4	15.4	16.4	17.4	18.3	19.1	19.9
1"	1"	3/4"	1"	6.3	9.0	11.1	12.9	14.5	16.0	17.3	18.6	19.6				
1"	1"	1"	1"	6.9	10.0	12.4	14.4	16.2	17.9	19.4						
1"	1 1/4"	1"	1"	8.7	12.5	15.6	18.0	20.1								