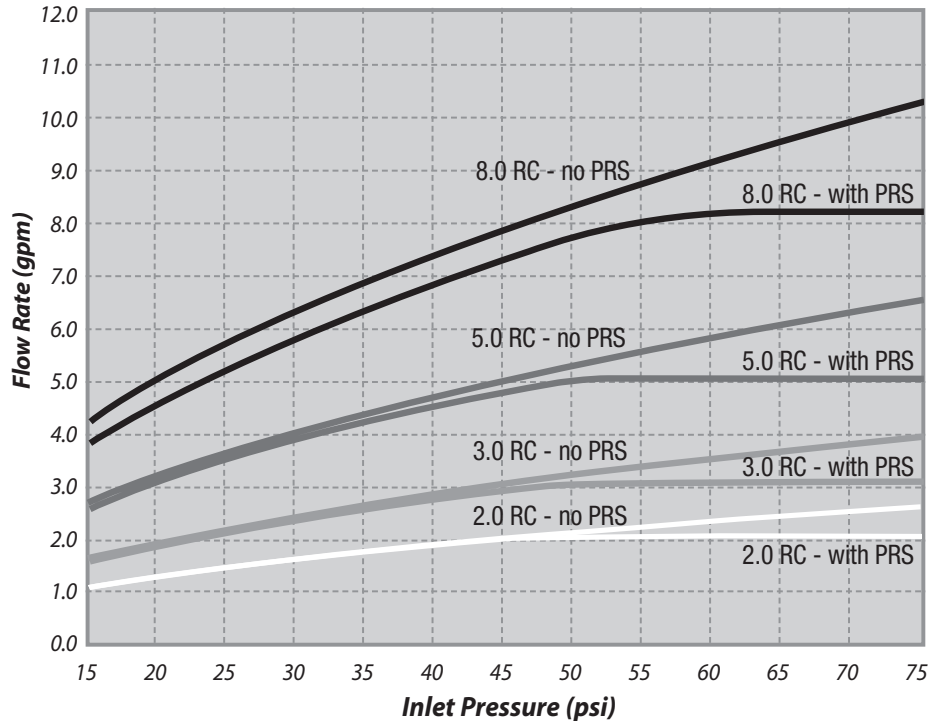


PRS Flow Comparisons and Savings

5000 PRS Rotors with Flow Optimizer Technology

Flow Rate v Inlet Pressure – Rain Curtain™ Nozzles



How much water can you save each minute using Rain Bird® 5000 PRS Rotors with Flow Optimizer Technology?

		Dynamic Pressure							
		45	50	55	60	65	70	75	80
Total Zone Flow in GPM	GPM								
	6	0	0.33	0.66	0.96	1.25	1.54	1.81	2.06
	8	0	0.43	0.85	1.24	1.62	1.98	2.33	2.67
	10	0	0.55	1.07	1.57	2.05	2.52	2.96	3.39
	12	0	0.66	1.27	1.86	2.43	2.97	3.50	4.01
	14	0	0.77	1.49	2.18	2.84	3.48	4.10	4.70
	16	0	0.87	1.69	2.48	3.24	3.97	4.67	5.35
	18	0	0.98	1.90	2.79	3.64	4.46	5.25	6.01
	20	0	1.10	2.12	3.10	4.05	4.96	5.83	6.68
	22	0	1.21	2.33	3.42	4.46	5.47	6.44	7.37
	24	0	1.30	2.54	3.72	4.85	5.94	7.00	8.01
	26	0	1.41	2.76	4.04	5.27	6.45	7.60	8.70
28	0	1.53	2.96	4.34	5.66	6.93	8.16	9.35	
30	0	1.63	3.17	4.65	6.07	7.43	8.74	10.02	

Total gallons of water saved per minute of run time

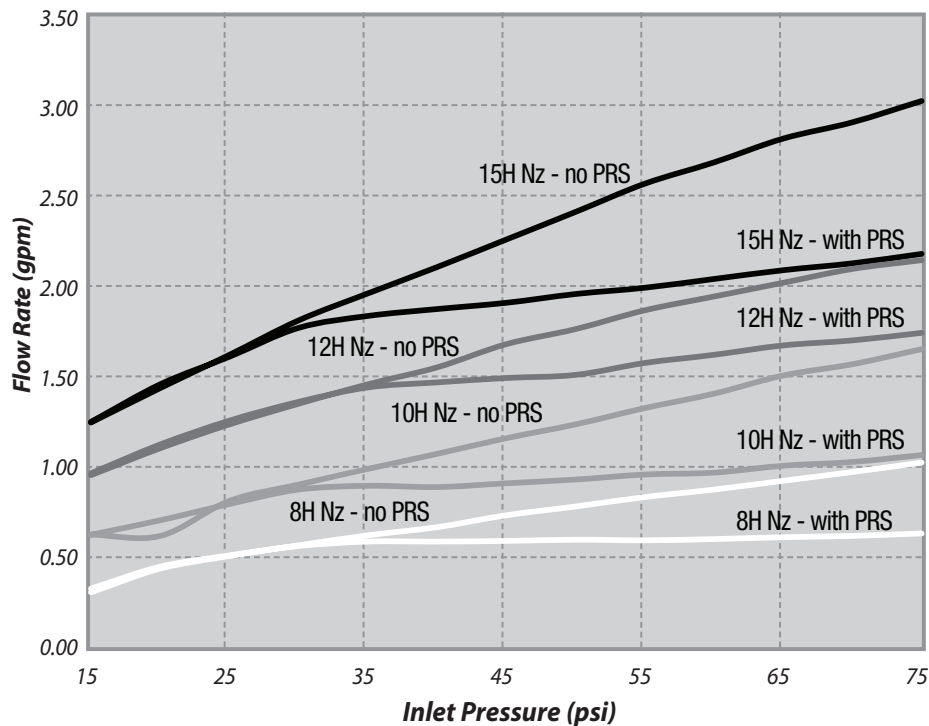
Ex: At 70 psi a zone with 20 gpm of flow would save 4.96 gallons a minute with 5000 PRS



PRS Flow Comparisons and Savings

1800 PRS and RD1800 PRS Spray Heads with Flow Optimizer Technology

Flow Rate v Inlet Pressure – 1800 Series PRS & RD Sprays



How much water can you save each minute using Rain Bird® 1800 PRS and RD1800 PRS Sprays with Flow Optimizer Technology?

		Dynamic Pressure							
		30	35	40	45	50	55	65	75
Total Zone Flow in GPM	6	0	0.44	0.86	1.25	1.61	1.96	2.61	3.22
	8	0	0.59	1.14	1.66	2.15	2.61	3.48	4.29
	10	0	0.81	1.57	2.28	2.96	3.60	4.80	5.90
	12	0	0.96	1.86	2.70	3.49	4.25	5.66	6.97
	14	0	1.11	2.14	3.11	4.03	4.91	6.54	8.05
	16	0	1.26	2.43	3.53	4.57	5.56	7.41	9.12
	18	0	1.41	2.71	3.94	5.11	6.21	8.28	10.20
	20	0	1.63	3.15	4.57	5.92	7.20	9.59	11.81
	22	0	1.78	3.43	4.98	6.45	7.85	10.46	12.88
	24	0	1.92	3.72	5.40	6.99	8.50	11.34	13.96
	26	0	2.07	4.00	5.81	7.53	9.15	12.20	15.03
	28	0	2.22	4.29	6.23	8.06	9.81	13.07	16.10
30	0	2.37	4.57	6.64	8.60	10.46	13.95	17.17	

Total gallons of water saved per minute of run time

Ex: At 55 psi a zone with 20 gpm of flow would save 7.20 gallons a minute with 1800 PRS and RD1800 PRS

