



**PERFORMANCE DATA - WR-33 BRASS IMPACT SPRINKLER**

NOTE: Optional straightening vane will increase diameters by 4-8% at pressures of 40 psi and above. Highest point of stream is 8 ft. above nozzle with 1/8" nozzle at normal operating pressure. Performance stated at base pressure.

**WR-33 SINGLE NOZZLE - 27 DEG. TRAJECTORY (NO VANE)**

PSI	1/8"		9/64"		5/32"		11/64"		3/16"		13/64"		7/32"	
	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.
25	—	—	2.88	80'	3.52	82'	4.24	83'	5.00	85'	5.90	86'	6.85	88'
30	—	—	3.15	81'	3.85	85'	4.64	88'	5.50	91'	6.50	94'	7.55	95'
35	—	—	3.40	82'	4.16	87'	5.02	90'	6.00	94'	7.05	97'	8.20	100'
40	—	—	3.64	83'	4.45	88'	5.37	92'	6.40	96'	7.55	99'	8.80	102'
45	3.05	82'	3.86	84'	4.72	89'	5.70	94'	6.80	98'	8.00	101'	9.35	104'
50	3.22	83'	4.07	85'	4.98	90'	6.01	95'	7.20	100'	8.45	103'	9.90	106'
55	3.38	84'	4.27	86'	5.22	91'	6.30	96'	7.50	101'	8.85	104'	10.40	107'
60	3.53	85'	4.46	87'	5.45	92'	6.57	97'	7.90	102'	9.25	105'	10.75	108'
65	3.68	86'	4.65	88'	5.68	93'	6.83	98'	8.20	103'	9.60	106'	11.10	109'
70	3.82	86'	4.83	89'	5.90	94'	7.09	99'	8.50	104'	9.95	107'	11.40	110'
75	3.96	87'	5.00	90'	6.11	95'	7.34	100'	8.80	105'	10.25	108'	11.70	111'
80	4.09	87'	5.17	91'	6.30	96'	7.58	101'	9.10	106'	10.50	109'	12.00	112'

**WR-33 DOUBLE NOZZLE - 27 DEG. TRAJECTORY (NO VANE)**

PSI	9/64" x 3/32"		5/32" x 3/32"		11/64" x 3/32"		3/16" x 3/32"		3/16" x 1/8"		13/64" x 1/8"		7/32" x 1/8"	
	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.
25	4.18	80	4.83	82	5.55	83	6.31	85	7.40	85	8.30	86	9.25	88
30	4.58	81	5.28	85	6.07	88	6.93	91	8.15	91	9.15	94	10.20	96
35	4.95	82	5.71	87	6.57	90	7.51	94	8.83	94	9.93	97	11.10	100
40	5.29	83	6.11	88	7.03	92	8.03	96	9.46	96	10.65	99	11.90	102
45	5.61	84	6.48	89	7.46	94	8.53	98	10.05	98	11.30	101	12.65	104
50	5.91	85	6.82	90	7.78	95	9.00	100	10.60	100	11.90	103	13.35	106
55	6.20	86	7.15	91	8.25	96	9.45	101	11.10	101	12.50	104	14.00	107
60	6.48	87	7.47	92	8.60	97	9.86	102	11.60	102	13.00	105	14.50	108
65	6.75	88	7.78	93	8.93	98	10.27	103	12.10	103	13.50	106	15.00	109
70	7.00	89	8.08	94	9.25	99	10.66	104	12.50	104	14.00	107	15.45	110
75	7.25	90	8.37	95	9.56	100	11.02	105	12.90	105	14.40	108	15.90	111
80	7.49	91	8.65	96	9.87	101	11.36	106	13.25	106	14.80	109	16.30	112