

Teelnet Variable Rate Spray Nozzles

Tabulations based on water at 70° F.

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15 INCH SPACING																				
SIZE	PSI	GPM	3 MPH	4 MPH	5 MPH	6 MPH	7 MPH	8 MPH	9 MPH	10 MPH	11 MPH	12 MPH	13 MPH	14 MPH	15 MPH	16 MPH	17 MPH	18 MPH	19 MPH	20 MPH
S17A-VR X0.5	30	0.160	21.12	15.84	12.67	10.56	9.05	7.92	7.04	6.34	5.76	5.28	4.87	4.53	4.22	3.96	3.73	3.52	3.33	3.17
	40	0.190	25.08	18.81	15.05	12.54	10.75	9.41	8.36	7.57	6.84	6.27	5.79	5.37	5.02	4.70	4.43	4.18	3.96	3.76
	50	0.220	29.04	21.78	17.42	14.52	12.45	10.89	9.68	8.71	7.92	7.26	6.70	6.22	5.81	5.45	5.12	4.84	4.59	4.36
	60	0.260	34.32	25.74	20.59	17.16	14.71	12.87	11.44	10.30	9.36	8.58	7.82	7.35	6.86	6.44	6.06	5.72	5.42	5.15
	70	0.300	39.60	29.70	23.76	19.80	16.97	14.85	13.20	11.88	10.80	9.90	9.14	8.49	7.92	7.43	6.99	6.60	6.25	5.94
	80	0.350	46.20	34.65	27.72	23.10	19.80	17.33	15.40	13.86	12.60	11.55	10.66	9.90	9.24	8.66	8.15	7.70	7.29	6.93
S17A-VR X1.0	30	0.280	36.96	27.72	21.78	18.18	15.84	13.86	12.45	11.09	10.08	9.24	8.53	7.92	7.35	6.93	6.52	6.16	5.84	5.54
	40	0.350	46.20	34.65	27.72	23.10	19.80	17.33	15.40	13.86	12.60	11.55	10.66	9.90	9.24	8.66	8.15	7.70	7.29	6.93
	50	0.440	58.08	43.56	34.56	28.40	24.89	21.78	19.36	17.42	15.84	14.52	13.40	12.45	11.62	10.89	10.25	9.68	9.17	8.71
	60	0.550	72.60	54.45	43.56	36.30	31.11	27.23	24.20	21.78	19.80	18.15	16.75	15.56	14.52	13.61	12.81	12.10	11.46	10.89
	70	0.670	88.44	66.33	53.06	44.22	37.90	33.17	29.28	26.53	24.12	22.11	20.41	18.95	17.69	16.58	15.61	14.74	13.96	13.27
	80	0.800	105.60	79.20	63.36	52.80	45.26	39.60	35.20	31.68	28.80	26.40	24.37	22.63	21.12	19.80	18.64	17.60	16.67	15.84
S17A-VR X2.0	30	0.700	92.40	69.30	55.44	46.20	39.60	34.65	30.60	27.72	25.20	23.10	21.32	19.80	18.48	17.33	16.31	15.40	14.59	13.86
	40	0.850	112.20	84.15	67.32	56.10	48.09	42.08	37.40	33.66	30.60	28.05	25.89	24.04	22.44	21.04	19.80	18.70	17.72	16.83
	50	1.000	132.00	99.00	79.20	66.00	56.57	49.50	44.00	39.60	36.00	33.00	30.46	28.29	26.40	24.75	23.29	22.00	20.84	19.80
	60	1.170	154.44	115.83	92.66	77.22	66.19	57.92	51.48	46.33	42.12	38.61	35.64	33.09	30.89	28.96	27.25	25.74	24.39	23.17
	70	1.350	178.20	133.65	106.92	89.10	76.37	66.83	59.40	53.46	48.60	44.55	41.12	38.19	35.64	33.41	31.45	29.70	28.14	26.73
	80	1.550	204.60	153.45	122.76	102.30	87.69	76.73	68.20	61.38	55.80	51.15	47.22	43.84	40.92	38.36	36.11	34.10	32.31	30.69
SIZE	PSI	GPM	3 MPH	4 MPH	5 MPH	6 MPH	7 MPH	8 MPH	9 MPH	10 MPH	11 MPH	12 MPH	13 MPH	14 MPH	15 MPH	16 MPH	17 MPH	18 MPH	19 MPH	20 MPH
S13-VR X0.5	20	0.130	17.16	12.87	10.30	8.58	7.35	6.44	5.72	5.15	4.68	4.29	3.96	3.68	3.43	3.22	3.03	2.86	2.71	2.57
	30	0.160	21.12	15.84	12.67	10.56	9.05	7.92	7.04	6.34	5.76	5.28	4.87	4.53	4.22	3.96	3.73	3.52	3.33	3.17
	40	0.180	23.76	17.82	14.26	11.88	10.18	8.91	7.92	7.13	6.38	5.94	5.48	5.09	4.75	4.46	4.19	3.96	3.73	3.56
	50	0.210	27.72	20.79	16.63	13.86	11.88	10.40	9.24	8.32	7.56	6.93	6.40	5.94	5.54	5.20	4.89	4.62	4.38	4.16
	60	0.240	31.68	23.76	19.01	15.84	13.58	11.88	10.56	9.64	8.84	7.92	7.31	6.79	6.34	5.94	5.59	5.28	5.00	4.75
	70	0.280	36.96	27.72	22.18	18.18	15.84	13.86	12.22	11.09	10.08	9.24	8.53	7.92	7.35	6.93	6.52	6.16	5.84	5.54
S13-VR X1.0	20	0.320	42.24	31.68	25.34	21.12	18.10	15.84	14.08	12.67	11.52	10.56	9.75	9.05	8.45	7.92	7.45	7.04	6.67	6.34
	30	0.370	48.84	36.63	29.20	24.42	20.93	18.32	16.28	14.65	13.32	12.21	11.27	10.47	9.77	9.16	8.62	8.14	7.71	7.33
	40	0.420	55.44	41.58	32.36	27.27	23.76	20.79	18.48	16.63	15.12	13.86	12.79	11.88	11.09	10.40	9.78	9.24	8.75	8.32
	50	0.210	27.72	20.79	16.63	13.86	11.88	10.40	9.24	8.32	7.56	6.93	6.40	5.94	5.54	5.20	4.89	4.62	4.38	4.16
	60	0.280	36.96	27.72	22.18	18.18	15.84	13.86	12.22	11.09	10.08	9.24	8.53	7.92	7.35	6.93	6.52	6.16	5.84	5.54
	70	0.350	46.20	34.65	27.72	23.10	19.80	17.33	15.40	13.86	12.60	11.55	10.66	9.90	9.24	8.66	8.15	7.70	7.29	6.93
S13-VR X2.0	20	0.440	56.76	42.57	34.06	28.38	24.33	21.29	18.92	17.03	15.48	14.19	13.10	12.16	11.35	10.64	10.02	9.46	8.96	8.51
	30	0.510	67.32	50.49	40.39	33.66	28.85	25.25	22.44	20.20	18.36	16.83	15.54	14.43	13.46	12.62	11.88	11.22	10.63	10.10
	40	0.610	80.52	60.39	48.31	40.26	34.51	30.20	26.84	24.16	21.96	20.13	18.58	17.25	16.10	15.10	14.21	13.42	12.71	12.08
	50	0.710	93.72	70.29	56.23	46.86	40.17	35.15	31.24	28.17	25.52	23.43	21.63	20.08	18.74	17.57	16.54	15.62	14.80	14.06
	60	0.820	108.24	81.18	64.94	54.12	46.39	40.59	36.08	32.42	29.27	27.06	24.98	23.19	21.65	20.30	19.10	18.04	17.09	16.24
	70	0.930	122.76	92.07	73.66	61.38	52.61	46.04	40.92	36.83	33.48	30.69	28.33	26.31	24.55	23.02	21.66	20.26	19.38	18.41
S13-VR X0.5	20	0.550	72.60	54.45	43.56	36.30	31.11	27.23	24.20	21.78	19.80	18.15	16.75	15.56	14.52	13.61	12.81	12.10	11.46	10.89
	30	0.700	92.40	69.30	55.44	46.20	39.60	34.65	30.60	27.72	25.20	23.10	21.32	19.80	18.48	17.33	16.31	15.40	14.59	13.86
	40	0.840	110.88	83.16	66.53	55.44	47.52	41.58	36.96	32.26	30.24	27.72	25.59	23.76	22.18	20.79	19.57	18.49	17.51	16.63
	50	0.970	128.04	96.03	76.82	64.02	54.87	48.08	42.68	38.41	34.92	32.01	29.55	27.44	25.61	24.01	22.60	21.34	20.21	19.21
	60	1.110	146.52	109.89	87.91	73.26	62.79	54.95	48.84	43.96	39.96	36.63	33.81	31.40	29.30	27.47	25.86	24.42	23.13	21.98
	70	1.250	165.00	123.75	99.00	82.50	70.71	61.88	55.00	49.48	45.00	41.25	38.08	35.36	33.00	30.94	29.12	27.50	26.05	24.75
S13-VR X1.0	20	1.380	182.16	136.62	109.30	91.08	78.07	68.31	60.72	54.65	49.68	45.54	42.04	39.03	36.43	34.16	32.15	30.36	28.76	27.32
	30	1.510	199.32	149.49	119.59	99.66	85.47	74.75	66.44	59.80	54.36	49.83	46.00	43.71	41.36	39.37	35.17	33.21	31.47	29.90
	40	1.640	216.48	162.36	129.89	108.24	92.78	81.18	72.16	64.94	59.04	54.12	49.96	46.39	43.30	40.59	38.20	36.08	34.18	32.47
	50	1.770	234.60	178.95	141.54	117.60	100.80	88.20	78.24	70.44	63.24	57.36	52.44	48.36	45.12	42.48	40.12	38.04	36.12	34.44
	60	1.900	252.00	193.80	153.60	126.00	107.40	93.60	82.80	74.40	67.20	61.20	56.16	51.96	48.60	45.60	43.08	41.04	39.12	37.44
	70	2.030	270.00	208.80	165.60	135.00	114.60	100.20	89.40	80.40	73.20	67.20	62.16	57.96	54.72	51.96	49.44	47.16	45.24	43.68
S13-VR X2.0	20	0.990	11.88	8.91	7.13	5.94	5.09	4.46	3.96	3.56	3.24	2.97	2.74	2.55	2.38	2.23	2.10	1.98	1.88	1.78
	30	0.130	17.16	12.87	10.30	8.58	7.35	6.44	5.72	5.15	4.68	4.29	3.96	3.68	3.43	3.22	3.03	2.86	2.71	2.57
	40	0.170	22.44	16.83	13.46	11.22	9.62	8.42	7.48	6.73	6.12	5.61	5.18	4.81	4.49	4.21	3.96	3.74	3.54	3.37
	50	0.210	27.72	20.79	16.63	13.86	11.88	10.40	9.24	8.32	7.56	6.93	6.40	5.94	5.54	5.20	4.89	4.62	4.38	4.16
	60	0.240	31.68	23.76	19.01	15.84	13.58	11.88	10.56	9.64	8.84	7.92	7.31	6.79	6.34	5.94	5.59	5.28	5.	