

U.S. Performance Data

DUAL SPREADER™ AND LOW ANGLE (LA) NOZZLES

Base Pressure (psi)	50			60			70			80			90			100		
	Radius (ft)	LA (ft)	Flow (gpm)	Radius (ft)	LA (ft)	Flow (gpm)	Radius (ft)	LA (ft)	Flow (gpm)	Radius (ft)	LA (ft)	Flow (gpm)	Radius (ft)	LA (ft)	Flow (gpm)	Radius (ft)	LA (ft)	Flow (gpm)
#20 - Gray	37	32	7.0	39	32	7.8	39	32	8.4	41	34	8.9	—	—	—	—	—	—
#22 - Red	40	40	8.3	45	40	9.5	45	42	10.2	43	41	10.8	—	—	—	—	—	—
#28 - White	55	52	15.2	57	55	16.8	59	56	18.1	59	55	19.3	59	55	20.5	57	56	21.5
#32 - Blue	59	59	17.1	61	61	18.6	61	61	20.0	61	61	21.4	63	62	22.5	63	63	23.9
#36 - Yellow	61	60	19.1	63	63	20.8	65	65	22.6	67	67	24.0	69	69	25.5	69	69	26.5
#40 - Orange	63	62	21.7	67	65	23.8	69	67	25.6	71	67	27.5	71	70	28.9	71	70	30.7
#44 - Green	—	—	—	65	65	26.3	69	69	28.3	71	71	30.4	71	71	32.1	73	73	34.1
#48 - Black	—	—	—	—	—	—	69	69	31.4	73	73	33.7	75	75	35.7	73	73	37.7

WIND TOLERANT NOZZLES

Base Pressure (psi)	50			60			70			80			90			100		
	Radius (ft)	Flow (gpm)	Flow (gpm)	Radius (ft)	Flow (gpm)	Flow (gpm)	Radius (ft)	Flow (gpm)	Flow (gpm)	Radius (ft)	Flow (gpm)	Flow (gpm)	Radius (ft)	Flow (gpm)	Flow (gpm)	Radius (ft)	Flow (gpm)	Flow (gpm)
#16 WTN - Gray	—	—	—	60	15.7	15.7	62	16.7	16.7	62	17.8	17.8	64	18.8	18.8	66	20.4	20.4
#18 WTN - Red	—	—	—	63	18.8	18.8	63	20.0	20.0	65	21.4	21.4	67	22.7	22.7	67	24.0	24.0
#22 WTN - Black	—	—	—	—	—	—	65	27.6	27.6	65	35.8	35.8	67	37.6	37.6	71	41.1	41.1

Metric Performance Data

DUAL SPREADER™ AND LOW ANGLE (LA) NOZZLES

Base Pressure (bars)	3.4				4.1				4.8				5.5				6.2				6.9			
	Radius (m)	LA (m)	Flow (l/s)	Flow (m³/h)	Radius (m)	LA (m)	Flow (l/s)	Flow (m³/h)	Radius (m)	LA (m)	Flow (l/s)	Flow (m³/h)	Radius (m)	LA (m)	Flow (l/s)	Flow (m³/h)	Radius (m)	LA (m)	Flow (l/s)	Flow (m³/h)	Radius (m)	LA (m)	Flow (l/s)	Flow (m³/h)
#20 - Gray	11.3	9.8	0.40	1.59	11.8	9.8	0.49	1.77	11.9	9.8	0.53	1.91	12.5	10.4	0.56	2.02	—	—	—	—	—	—	—	—
#22 - Red	12.2	12.2	0.52	1.89	13.7	12.2	0.60	2.16	13.7	12.8	0.64	2.32	13.1	12.5	0.68	2.45	—	—	—	—	—	—	—	—
#28 - White	16.8	15.8	0.96	3.45	17.4	16.8	1.06	3.82	18.0	17.1	1.14	4.11	18.0	16.8	1.22	4.38	18.0	16.8	1.29	4.66	17.4	17.1	1.36	4.88
#32 - Blue	18.0	18.0	1.08	3.88	18.6	18.6	1.17	4.22	18.6	18.6	1.26	4.54	18.6	18.6	1.35	4.86	19.2	18.9	1.42	5.11	19.2	19.2	1.51	5.43
#36 - Yellow	18.6	18.3	1.21	4.34	19.2	19.2	1.31	4.72	19.8	19.8	1.43	5.13	20.4	20.4	1.51	5.45	21.0	21.0	1.61	5.79	21.0	21.0	1.67	6.02
#40 - Orange	19.2	18.9	1.37	4.93	20.4	19.8	1.50	5.41	21.0	20.4	1.62	5.81	21.0	20.4	1.73	6.25	21.6	21.3	1.82	6.56	21.6	21.3	1.94	6.97
#44 - Green	—	—	—	—	19.8	19.8	1.66	5.97	21.0	21.0	1.79	6.43	21.6	21.6	1.92	6.90	21.6	21.6	2.03	7.29	22.3	22.3	2.15	7.74
#48 - Black	—	—	—	—	—	—	—	—	21.0	21.0	1.98	7.13	22.3	22.3	2.13	7.65	22.9	22.9	2.25	8.11	22.3	22.3	2.38	8.56

WIND TOLERANT NOZZLES

Base Pressure (bars)	3.4			4.1			4.8			5.5			6.2			6.9		
	Radius (m)	Flow (l/s)	Flow (m³/h)	Radius (m)	Flow (l/s)	Flow (m³/h)	Radius (m)	Flow (l/s)	Flow (m³/h)	Radius (m)	Flow (l/s)	Flow (m³/h)	Radius (m)	Flow (l/s)	Flow (m³/h)	Radius (m)	Flow (l/s)	Flow (m³/h)
#16 WTN - Gray	—	—	—	18.3	0.99	3.57	18.9	1.05	3.79	18.9	1.12	4.04	19.5	1.19	4.27	20.1	1.29	4.63
#18 WTN - Red	—	—	—	19.2	1.19	4.27	19.2	1.26	4.54	19.8	1.35	4.86	20.4	1.43	5.16	20.4	1.51	5.45
#22 WTN - Black	—	—	—	—	—	—	19.8	1.74	6.27	19.8	2.26	8.13	20.4	2.37	8.54	21.6	2.59	9.33