



552 Block Rotors

U.S. Performance Data

CASCADE NOZZLES

Base Pressure (psi)	50		60		70		80		90		100	
	Radius (ft)	Flow (gpm)										
#51-Blue	33	6.8	34	7.4	35	8.0	36	8.5	37	8.8	37.5	9.3
#52-Beige	37	6.7	39	7.2	37	8.1	37	8.2	39	8.7	39	9.3
#53-Gray	51	9.3	51	10.1	51	11.0	51	11.7	51	12.5	51	13.2
#54-Red	—	—	—	—	53	12.0	54	12.4	55	13.3	55	14.0

Metric Performance Data

CASCADE NOZZLES

Base Pressure (bar)	3.4			4.1			4.8			5.5			6.2			6.9		
	Radius (m)	Flow (m ³ /h)	Flow (l/s)	Radius (m)	Flow (m ³ /h)	Flow (l/s)	Radius (m)	Flow (m ³ /h)	Flow (l/s)	Radius (m)	Flow (m ³ /h)	Flow (l/s)	Radius (m)	Flow (m ³ /h)	Flow (l/s)	Radius (m)	Flow (m ³ /h)	Flow (l/s)
#51-Blue	10.1	1.54	0.43	10.4	1.68	0.47	10.7	1.82	0.50	11.0	1.93	0.54	11.3	2.00	0.56	11.3	2.11	0.59
#52-Beige	11.3	1.52	0.42	11.9	1.64	0.46	11.3	1.83	0.51	11.3	1.87	0.52	11.9	1.99	0.55	11.9	2.11	0.59
#53-Gray	15.5	2.12	0.59	15.5	2.29	0.64	15.5	2.49	0.69	15.5	2.65	0.73	15.5	2.83	0.79	15.5	2.99	0.83
#54-Red	—	—	—	—	—	—	16.2	2.72	0.75	16.5	2.82	0.78	16.8	3.01	0.84	16.8	3.18	0.88



702 Series Rotors

U.S. Performance Data

DUAL-SPREADER™ NOZZLES

Base Pressure (psi)	50		60		70		80		90		100	
	Radius (ft)	Flow (gpm)										
#28 - White	59	16.9	60	18.8	62	20.3	62	21.5	63	22.7	65	24.2
#32 - Blue	62	20.6	63	22.1	65	23.3	67	25.0	69	27.3	69	28.7
#36 - Yellow	66	21.0	66	24.0	68	26.4	70	28.3	70	28.8	71	31.2
#40 - Orange	64	23.9	68	26.3	71	28.7	72	30.6	73	32.1	74	33.5
#44 - Green	—	—	69	29.0	73	31.8	75	33.9	75	35.6	75	37.2
#48 - Black	—	—	—	—	72	35.4	74	37.5	75	40.9	77	42.9

Metric Performance Data

DUAL-SPREADER™ NOZZLES

Base Pressure (bar)	Radius (m)	3.4		4.1		4.8		5.5		6.2		6.9						
		Flow (m ³ /h)	Flow (l/s)															
#28 - White	18.0	3.83	1.06	18.3	4.26	1.18	18.9	4.61	1.28	18.9	4.88	1.36	19.2	5.14	1.43	19.8	5.50	1.53
#32 - Blue	18.9	4.67	1.30	19.2	5.01	1.39	19.8	5.29	1.47	20.4	5.67	1.57	21.0	6.20	1.72	21.0	6.51	1.81
#36 - Yellow	20.1	4.76	1.32	20.1	5.44	1.51	20.7	6.00	1.67	21.3	6.42	1.78	21.3	6.54	1.83	21.6	7.09	1.97
#40 - Orange	19.5	5.43	1.51	20.7	5.97	1.66	21.6	6.52	1.81	22.0	6.95	1.93	22.3	7.29	2.03	22.6	7.60	2.11
#44 - Green	—	—	—	21.0	6.59	1.83	22.3	7.23	2.01	22.9	7.71	2.14	22.9	8.09	2.25	22.9	8.44	2.34
#48 - Black	—	—	—	—	—	—	22.0	8.04	2.23	22.6	8.51	2.36	22.9	9.29	2.58	23.5	9.73	2.70



752 Series Rotors

U.S. Performance Data

DUAL-SPREADER™ NOZZLES WITH STANDARD AND LOW ANGLE (LA) HOUSINGS

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)
REQUIRES LOW-FLOW VALVE																		
#18 - Beige	—	—	—	—	—	—	30	—	6.8	31	—	7.2	32	—	7.5	34	—	7.8
#20 - Gray	—	—	—	—	—	—	37	34	8.4	38	35	9.1	39	36	9.5	40	37	10.0
#22 - Red	41	38	8.8	43	40	9.7	44	41	10.2	44	42	10.8	44	42	11.5	44	43	12.0
#24 - Plum	46	42	8.3	47	43	8.9	47	44	9.6	48	44	10.2	48	45	10.8	48	46	11.4
#26 - Lt. Green	50	46	9.5	50	45	10.1	51	47	10.9	51	49	11.6	52	49	12.3	53	50	12.8
REQUIRES STANDARD VALVE																		
#28 - White	54	51	14.9	56	54	16.4	58	56	17.6	58	57	18.8	57	58	20.2	59	57	21.4
#32 - Blue	62	54	17.1	62	56	19.0	63	59	20.3	63	61	21.8	67	61	22.9	67	61	24.0
#36 - Yellow	64	59	19.5	65	62	21.3	66	64	23.2	68	65	24.7	68	66	26.2	69	68	27.2
#40 - Orange	63	63	22.3	65	64	24.0	67	66	26.3	68	67	27.9	69	68	29.7	69	68	31.1
#44 - Green	—	—	—	67	66	26.9	69	68	28.6	71	70	30.6	71	71	32.5	73	71	34.0
#48 - Black	—	—	—	—	—	—	76	—	31.5	76	—	34.0	76	—	35.8	75	—	38.5
#50 - Dk. Brown	—	—	—	—	—	—	79	—	39.4	81	—	41.9	82	—	44.7	84	—	47.0

Metric Performance Data

DUAL-SPREADER™ NOZZLES WITH STANDARD AND LOW ANGLE (LA) HOUSINGS

Base Pressure (bar)	3.4				4.1				4.8				5.5				6.2				6.9			
	Radius (m)	LA (m)	Flow (m ² /h)	Flow (l/s)	Radius (m)	LA (m)	Flow (m ² /h)	Flow (l/s)	Radius (m)	LA (m)	Flow (m ² /h)	Flow (l/s)	Radius (m)	LA (m)	Flow (m ² /h)	Flow (l/s)	Radius (m)	LA (m)	Flow (m ² /h)	Flow (l/s)	Radius (m)	LA (m)	Flow (m ² /h)	Flow (l/s)
REQUIRES LOW-FLOW VALVE																								
#18 - Beige	—	—	—	—	—	—	—	—	9.1	—	1.54	0.43	9.5	—	1.63	0.45	9.8	—	1.70	0.47	10.4	—	1.77	0.49
#20 - Gray	—	—	—	—	—	—	—	—	11.3	10.4	1.92	0.53	11.6	10.7	2.06	0.57	11.9	11.0	2.15	0.60	12.2	11.3	2.27	0.63
#22 - Red	12.5	11.6	2.00	0.56	13.1	12.2	2.19	0.61	13.4	12.5	2.32	0.64	13.4	12.8	2.45	0.68	13.4	12.8	2.60	0.72	13.4	13.1	2.73	0.76
#24 - Plum	14.0	12.8	1.89	0.53	14.3	13.1	2.02	0.56	14.3	13.4	2.18	0.61	14.6	13.4	2.31	0.64	14.6	13.7	2.45	0.68	14.6	14.0	2.59	0.72
#26 - Lt. Green	15.2	14.0	2.16	0.60	15.2	13.7	2.30	0.64	15.5	14.3	2.48	0.69	15.5	14.9	2.64	0.73	15.9	14.9	2.80	0.78	16.2	15.2	2.90	0.80
REQUIRES STANDARD VALVE																								
#28 - White	16.5	15.5	3.38	0.94	17.1	16.5	3.71	1.03	17.7	17.1	3.99	1.11	17.7	17.4	4.27	1.19	17.4	17.7	4.58	1.27	18.0	17.4	4.86	1.35
#32 - Blue	18.9	16.5	3.88	1.08	18.9	17.1	4.32	1.20	19.2	18.0	4.62	1.28	19.2	18.6	4.94	1.37	20.4	18.6	5.20	1.44	20.4	18.6	5.44	1.51
#36 - Yellow	19.5	18.0	4.44	1.23	19.8	18.9	4.84	1.35	20.1	19.5	5.27	1.47	20.7	19.8	5.61	1.56	20.7	20.1	5.96	1.65	21.0	20.7	6.18	1.72
#40 - Orange	19.2	19.2	5.06	1.40	19.8	19.5	5.44	1.51	20.4	20.1	5.98	1.66	20.7	20.4	6.34	1.76	21.0	20.7	6.75	1.87	21.0	20.7	7.06	1.96
#44 - Green	—	—	—	—	20.4	20.1	6.12	1.70	21.0	20.7	6.49	1.80	21.6	21.3	6.95	1.93	21.6	21.6	7.38	2.05	22.3	21.6	7.73	2.15
#48 - Black	—	—	—	—	—	—	—	—	23.2	—	7.15	1.99	23.2	—	7.71	2.14	23.2	—	8.13	2.26	22.9	—	8.74	2.43
#50 - Dk. Brown	—	—	—	—	—	—	—	—	24.1	—	8.94	2.48	24.7	—	9.52	2.64	25.0	—	10.16	2.82	25.6	—	10.68	2.97



752 Series Rotors

U.S. Performance Data

REAR-SPREADER NOZZLES

Spreader Nozzle Color	Flow (gpm)	Nozzle Range																
		Main (ft)	Rear (ft)															
MAIN NOZZLE #18 – BEIGE																		
Pressure (psi)	70			80			70			80			70			80		
Orange	11.3	26	36	12.2	28	36	11.4	38	36	12.2	38	34	13.0	42	32	13.6	42	34
Green	13.9	26	52	14.6	28	52	15.3	34	50	16.3	36	52	16.4	40	52	17.5	40	52
Blue	14.2	26	48	15.2	26	48	15.6	36	48	16.6	36	44	16.7	42	46	17.9	42	46
Black	13.3	26	46	14.0	26	46	14.5	36	46	15.3	36	46	15.8	40	44	16.9	42	44
Red	12.3	26	50	12.9	26	52	13.3	36	50	14.3	36	52	14.7	40	50	15.8	40	50
Blue + Diffuser	10.8	26	34	11.3	28	34	12.2	36	34	12.8	38	34	13.5	40	32	14.3	40	34
Black + Diffuser	11.4	27	32	11.1	28	32	12.1	36	33	12.8	37	32	13.2	39	32	14.1	39	32
MAIN NOZZLE #20 – GRAY																		
Pressure (psi)	70			80			70			80			70			80		
Orange	12.2	44	32	12.9	44	32	15.0	48	32	16.0	52	34	20.3	58	34	21.8	58	34
Green	15.9	44	50	16.9	46	50	18.7	48	50	19.9	50	52	23.8	56	50	25.0	56	50
Blue	16.2	44	46	17.3	44	46	18.9	50	46	20.2	50	46	24.3	56	42	25.8	56	42
Black	15.2	44	46	16.4	44	46	17.3	48	44	18.5	48	44	23.3	58	40	24.7	58	40
Red	14.1	46	50	15.2	46	50	16.8	48	50	17.8	48	52	22.4	60	50	23.6	58	50
Blue + Diffuser	13.0	46	34	13.8	44	34	15.2	50	34	16.3	50	34	21.4	60	34	22.6	60	34
Black + Diffuser	12.7	44	32	13.6	44	32	15.5	47	31	16.5	48	31	20.8	57	32	22.4	58	31
MAIN NOZZLE #22 – RED																		
Pressure (psi)	70			80			70			80			70			80		
Orange	22.5	64	32	24.1	64	32	25.0	66	32	26.8	66	32	28.2	68	30	30.1	68	30
Green	25.8	60	50	27.5	62	50	28.4	64	48	31.8	64	48	31.6	68	46	33.2	68	46
Blue	25.8	60	42	27.5	60	42	28.5	64	40	30.5	64	40	31.5	66	40	33.5	66	40
Black	25.5	60	38	27.1	60	40	28.2	64	38	29.6	64	36	38.7	66	38	32.9	68	38
Red	24.1	62	48	25.9	62	48	27.0	64	48	29.0	66	48	30.1	68	48	32.3	68	48
Blue + Diffuser	23.3	62	32	24.7	62	34	26.1	64	34	27.9	68	34	28.2	68	32	28.5	68	32
Black + Diffuser	22.9	61	31	24.4	61	31	25.9	64	31	27.5	66	31	28.4	67	30	30.8	68	30
MAIN NOZZLE #24 – PLUM																		
Pressure (psi)	70			80			70			80			70			80		
Orange	30.6	68	32	32.7	70	30	33.4	70	30	35.9	70	30	41.1	74	30	43.7	76	30
Green	33.6	68	46	36.2	70	46	36.2	66	46	38.7	70	46	43.6	72	42	46.2	74	42
Blue	34.7	68	38	36.6	70	38	36.9	66	34	40.0	68	36	43.4	72	36	46.5	74	36
Black	33.3	68	38	34.9	70	38	35.9	68	38	38.1	70	38	42.7	72	34	45.8	74	34
Red	32.5	68	48	34.5	70	48	34.8	70	46	37.5	72	46	42.3	72	44	44.8	74	44
Blue + Diffuser	31.4	70	32	33.7	72	32	34.6	70	34	36.0	72	34	41.6	74	32	44.2	76	32
Black + Diffuser	31.5	69	30	33.3	71	30	34.3	71	30	36.7	71	30	41.2	73	29	43.8	75	29
MAIN NOZZLE #26 – LT. GREEN																		
Pressure (psi)	70			80			70			80			70			80		
Orange	30.6	68	32	32.7	70	30	33.4	70	30	35.9	70	30	41.1	74	30	43.7	76	30
Green	33.6	68	46	36.2	70	46	36.2	66	46	38.7	70	46	43.6	72	42	46.2	74	42
Blue	34.7	68	38	36.6	70	38	36.9	66	34	40.0	68	36	43.4	72	36	46.5	74	36
Black	33.3	68	38	34.9	70	38	35.9	68	38	38.1	70	38	42.7	72	34	45.8	74	34
Red	32.5	68	48	34.5	70	48	34.8	70	46	37.5	72	46	42.3	72	44	44.8	74	44
Blue + Diffuser	31.4	70	32	33.7	72	32	34.6	70	34	36.0	72	34	41.6	74	32	44.2	76	32
Black + Diffuser	31.5	69	30	33.3	71	30	34.3	71	30	36.7	71	30	41.2	73	29	43.8	75	29
MAIN NOZZLE #28 – WHITE																		
Pressure (psi)	70			80			70			80			70			80		
Orange	30.6	68	32	32.7	70	30	33.4	70	30	35.9	70	30	41.1	74	30	43.7	76	30
Green	33.6	68	46	36.2	70	46	36.2	66	46	38.7	70	46	43.6	72	42	46.2	74	42
Blue	34.7	68	38	36.6	70	38	36.9	66	34	40.0	68	36	43.4	72	36	46.5	74	36
Black	33.3	68	38	34.9	70	38	35.9	68	38	38.1	70	38	42.7	72	34	45.8	74	34
Red	32.5	68	48	34.5	70	48	34.8	70	46	37.5	72	46	42.3	72	44	44.8	74	44
Blue + Diffuser	31.4	70	32	33.7	72	32	34.6	70	34	36.0	72	34	41.6	74	32	44.2	76	32
Black + Diffuser	31.5	69	30	33.3	71	30	34.3	71	30	36.7	71	30	41.2	73	29	43.8	75	29
MAIN NOZZLE #32 – BLUE																		
Pressure (psi)	70			80			70			80			70			80		
Orange	30.6	68	32	32.7	70	30	33.4	70	30	35.9	70	30	41.1	74	30	43.7	76	30
Green	33.6	68	46	36.2	70	46	36.2	66	46	38.7	70	46	43.6	72	42	46.2	74	42
Blue	34.7	68	38	36.6	70	38	36.9	66	34	40.0	68	36	43.4	72	36	46.5	74	36
Black	33.3	68	38	34.9	70	38	35.9	68	38	38.1	70	38	42.7	72	34	45.8	74	34
Red	32.5	68	48	34.5	70	48	34.8	70	46	37.5	72	46	42.3	72	44	44.8	74	44
Blue + Diffuser	31.4	70	32	33.7	72	32	34.6	70	34	36.0	72	34	41.6	74	32	44.2	76	32
Black + Diffuser	31.5	69	30	33.3	71	30	34.3	71	30	36.7	71	30	41.2	73	29	43.8	75	29
MAIN NOZZLE #36 – YELLOW																		
Pressure (psi)	70			80			70			80			70			80		
Orange	30.6	68	32	32.7	70	30	33.4	70	30	35.9	70	30	41.1	74	30	43.7	76	30
Green	33.6	68	46	36.2	70	46	36.2	66	46	38.7	70	46	43.6	72	42	46.2	74	42
Blue	34.7	68	38	36.6	70	38	36.9	66	34	40.0	68	36	43.4	72	36	46.5	74	36
Black	33.3	68	38	34.9	70	38	35.9	68	38	38.1	70	38	42.7	72	34	45.8	74	34
Red	32.5	68	48	34.5	70	48	34.8	70	46	37.5	72	46	42.3	72	44	44.8	74	44
Blue + Diffuser	31.4	70	32	33.7	72	32	34.6	70	34	36.0	72	34	41.6	74	32	44.2	76	32
Black + Diffuser	31.5	69	30	33.3	71	30	34.3	71	30	36.7	71	30	41.2	73	29	43.8	75	29
MAIN NOZZLE #40 – ORANGE																		
Pressure (psi)	70			80			70			80			70			80		
Orange	30.6	68	32	32.7	70	30	33.4	70	30	35.9	70	30	41.1	74	30	43.7	76	30
Green	33.6	68	46	36.2	70	46	36.2	66	46	38.7	70	46	43.6	72	42	46.2	74	42
Blue	34.7	68	38	36.6	70	38	36.9	66	34	40.0	68	36	43.4	72	36	46.5	74	36
Black	33.3	68	38	34.9	70	38	35.9	68	38	38.1	70	38	42.7	72	34	45.8	74	34
Red	32.5	68	48	34.5	70	48	34.8	70	46	37.5	72	46	42.3	72	44	44.8	74	44
Blue + Diffuser	31.4	70	32	33.7	72	32	34.6	70	34	36.0	72	34	41.6	74	32	44.2	76	32
Black + Diffuser	31.5	69	30	33.3	71	30	34.3	71	30	36.7	71	30						



752 Series Rotors

Metric Performance Data

REAR-SPREADER NOZZLES

Spreader Nozzle Color	Flow (m ³ /h) (l/s)		Nozzle Range (m)		Flow (m ³ /h) (l/s)		Nozzle Range (m)		Flow (m ³ /h) (l/s)		Nozzle Range (m)		Flow (m ³ /h) (l/s)		Nozzle Range (m)		Flow (m ³ /h) (l/s)		Nozzle Range (m)					
	Main	Rear	Main	Rear																				
MAIN NOZZLE #18 – BEIGE																								
Pressure (bar)	4.8				5.5				4.8				5.5				4.8				5.5			
Orange	2.6	0.71	7.9	11.0	2.8	0.77	8.5	11.0	2.6	0.72	11.6	11.0	2.8	0.77	11.6	10.4	3.0	0.82	12.8	9.8	3.1	0.86	12.8	10.4
Green	3.2	0.88	7.9	15.8	3.3	0.92	8.5	15.8	3.5	0.97	10.4	15.2	3.7	1.03	11.0	15.8	3.7	1.03	12.2	15.8	4.0	1.10	12.2	15.8
Blue	3.2	0.90	7.9	14.6	3.5	0.96	7.9	14.6	3.5	0.98	11.0	14.6	3.8	1.05	11.0	13.4	3.8	1.05	12.8	14.0	4.1	1.13	12.8	14.0
Black	3.0	0.84	7.9	14.0	3.2	0.88	7.9	14.0	3.3	0.91	11.0	14.0	3.5	0.97	11.0	14.0	3.6	1.00	12.2	13.4	3.8	1.07	12.8	13.4
Red	2.8	0.78	7.9	15.2	2.9	0.81	7.9	15.8	3.0	0.84	11.0	15.2	3.2	0.90	11.0	15.8	3.3	0.93	12.2	15.2	3.6	1.00	12.2	15.2
Blue + Diffuser	2.5	0.68	7.9	10.4	2.6	0.71	8.5	10.4	2.8	0.77	11.0	10.4	2.9	0.81	11.6	10.4	3.1	0.85	12.2	9.8	3.2	0.90	12.2	10.4
Black + Diffuser	2.6	0.72	8.2	9.8	2.5	0.70	8.5	9.8	2.7	0.76	11.0	10.1	2.9	0.81	11.3	9.8	3.0	0.83	11.9	9.8	3.2	0.89	11.9	9.8
MAIN NOZZLE #24 – PLUM																								
Pressure (bar)	4.8				5.5				4.8				5.5				4.8				5.5			
Orange	2.8	0.77	13.4	9.8	2.9	0.81	13.4	9.8	3.4	0.95	14.6	9.8	3.6	1.01	15.8	10.4	4.6	1.28	17.7	10.4	5.0	1.38	17.7	10.4
Green	3.6	1.00	13.4	15.2	3.8	1.07	14.0	15.2	4.2	1.18	14.6	15.2	4.5	1.26	15.2	15.8	5.4	1.50	17.1	15.2	5.7	1.58	17.1	15.2
Blue	3.7	1.02	13.4	14.0	3.9	1.09	13.4	14.0	4.3	1.19	15.2	14.0	4.6	1.27	15.2	14.0	5.5	1.53	17.1	12.8	5.9	1.63	17.1	12.8
Black	3.5	0.96	13.4	14.0	3.7	1.03	13.4	14.0	3.9	1.09	14.6	13.4	4.2	1.17	14.6	13.4	5.3	1.47	17.7	12.2	5.6	1.56	17.7	12.2
Red	3.2	0.89	14.0	15.2	3.5	0.96	14.0	15.2	3.8	1.06	14.6	15.2	4.0	1.12	14.6	15.8	5.1	1.41	18.3	15.2	5.4	1.49	17.7	15.2
Blue + Diffuser	3.0	0.82	14.0	10.4	3.1	0.87	13.4	10.4	3.5	0.96	15.2	10.4	3.7	1.03	15.2	10.4	4.9	1.35	18.3	10.4	5.1	1.43	18.3	10.4
Black + Diffuser	2.9	0.80	13.4	9.8	3.1	0.86	13.4	9.8	3.5	0.98	14.3	9.4	3.7	1.04	14.5	9.4	4.7	1.31	17.4	9.8	5.1	1.41	17.7	9.4
MAIN NOZZLE #26 – LT. GREEN																								
Pressure (bar)	4.8				5.5				4.8				5.5				4.8				5.5			
Orange	5.1	1.42	19.5	9.8	5.5	1.52	19.5	9.8	5.7	1.58	20.1	9.8	6.1	1.69	20.1	9.8	6.4	1.78	20.7	9.1	6.8	1.90	20.7	9.1
Green	5.9	1.63	18.3	15.2	6.2	1.73	18.9	15.2	6.5	1.79	19.5	14.6	7.2	2.01	19.5	14.6	7.2	1.99	20.7	14.0	7.5	2.09	20.7	14.0
Blue	5.9	1.63	18.3	12.8	6.2	1.73	18.3	12.8	6.5	1.80	19.5	12.2	6.9	1.92	19.5	12.2	7.2	1.99	20.1	12.2	7.6	2.11	20.1	12.2
Black	5.8	1.61	18.3	11.6	6.2	1.71	18.3	12.2	6.4	1.78	19.5	11.6	6.7	1.87	19.5	11.0	8.8	2.44	20.1	11.6	7.5	2.08	20.7	11.6
Red	5.5	1.52	18.9	14.6	5.9	1.63	18.9	14.6	6.1	1.70	19.5	14.6	6.6	1.83	20.1	14.6	6.8	1.90	20.7	14.6	7.3	2.04	20.7	14.6
Blue + Diffuser	5.3	1.47	18.9	9.8	5.6	1.56	18.9	10.4	5.9	1.65	19.5	10.4	6.3	1.76	20.7	10.4	6.4	1.78	20.7	9.8	6.5	1.81	20.7	9.8
Black + Diffuser	5.2	1.44	18.6	9.4	5.5	1.54	18.6	9.4	5.9	1.63	19.5	9.4	6.2	1.73	20.1	9.4	6.5	1.79	20.4	9.1	7.0	1.94	20.7	9.1
MAIN NOZZLE #32 – BLUE																								
Pressure (bar)	4.8				5.5				4.8				5.5				4.8				5.5			
Orange	7.0	1.93	20.7	9.8	7.4	2.06	21.3	9.1	7.6	2.11	21.3	9.1	8.2	2.26	21.3	9.1	9.3	2.59	22.6	9.1	9.9	2.76	23.2	9.1
Green	7.6	2.12	20.7	14.0	8.2	2.28	21.3	14.0	8.2	2.28	20.1	14.0	8.8	2.44	21.3	14.0	9.9	2.75	21.9	12.8	10.5	2.91	22.6	12.8
Blue	7.9	2.19	20.7	11.6	8.3	2.31	21.3	11.6	8.4	2.33	20.1	10.4	9.1	2.52	20.7	11.0	9.9	2.74	21.9	11.0	10.6	2.93	22.6	11.0
Black	7.6	2.10	20.7	11.6	7.9	2.20	21.3	11.6	8.2	2.26	20.7	11.6	8.7	2.40	21.3	11.6	9.7	2.69	21.9	10.4	10.4	2.89	22.6	10.4
Red	7.4	2.05	20.7	14.6	7.8	2.18	21.3	14.6	7.9	2.20	21.3	14.0	8.5	2.37	21.9	14.0	9.6	2.67	21.9	13.4	10.2	2.83	22.6	13.4
Blue + Diffuser	7.1	1.98	21.3	9.8	7.7	2.13	21.9	9.8	7.9	2.18	21.3	10.4	8.2	2.27	21.9	10.4	9.4	2.62	22.6	9.8	10.0	2.79	23.2	9.8
Black + Diffuser	7.2	1.99	21.0	9.1	7.6	2.10	21.6	9.1	7.8	2.16	21.6	9.1	8.3	2.32	21.6	9.1	9.4	2.60	22.3	8.8	9.9	2.76	22.9	8.8
MAIN NOZZLE #36 – YELLOW																								
Pressure (bar)	4.8				5.5				4.8				5.5				4.8				5.5			
Orange	5.1	1.42	19.5	9.8	5.5	1.52	19.5	9.8	5.7	1.58	20.1	9.8	6.1	1.69	20.1	9.8	6.4	1.78	20.7	9.1	6.8	1.90	20.7	9.1
Green	5.9	1.63	18.3	15.2	6.2	1.73	18.9	15.2	6.5	1.79	19.5	14.6	7.2	2.01	19.5	14.6	7.2	1.99	20.7	14.0	7.5	2.09	20.7	14.0
Blue	5.9	1.63	18.3	12.8	6.2	1.73	18.3	12.8	6.5	1.80	19.5	12.2	6.9	1.92	19.5	12.2	7.2	1.99	20.1	12.2	7.6	2.11	20.1	12.2
Black	5.8	1.61	18.3	11.6	6.2	1.71	18.3	12.2	6.4	1.78	19.5	11.6	6.7	1.87	19.5	11.0	8.8	2.44	20.1	11.6	7.5	2.08	20.7	11.6
Red	5.5	1.52	18.9	14.6	5.9	1.63	18.9	14.6	6.1	1.70	19.5	14.6	6.6	1.83	20.1	14.6	6.8	1.90	20.7	14.6	7.3	2.04	20.7	14.6
Blue + Diffuser	5.3	1.47	18.9	9.8	5.6	1.56	18.9	10.4	5.9	1.65	19.5	10.4	6.3	1.76	20.7	10.4	6.4	1.78	20.7	9.8	6.5	1.81	20.7	9.8
Black + Diffuser	5.2	1.44	18.6	9.4	5.5	1.54	18.6	9.4	5.9	1.63	19.5	9.4	6.2	1.73	20.1	9.4	6.5	1.79	20.4	9.1	7.0	1.94	20.7	9.1
MAIN NOZZLE #40 – ORANGE																								
Pressure (bar)	4.8				5.5				4.8				5.5				4.8				5.5			
Orange	7.0	1.93	20.7	9.8	7.4	2.06	21.3	9.1	7.6	2.11	21.3	9.1	8.2	2.26	21.3	9.1	9.3	2.59	22.6	9.1	9.9	2.76	23.2	9.1
Green	7.6	2.12	20.7	14.0	8.2	2.28	21.3	14.0	8.2	2.28	20.1	14.0	8.8	2.44	21.3	14.0	9.9	2.75	21.9	12.8	10.5	2.91	22.6	12.8
Blue	7.9	2.19	20.7	11.6	8.3	2.31	21.3	11.6	8.4	2.33	20.1	10.4	9.1	2.52	20.7	11.0	9.9	2.74	21.9	11.0	10.6	2.93	22.6	11.0
Black	7.6	2.10	20.7	11.6	7.9	2.20	21.3	11.6	8.2	2.26	20.7	11.6	8.7	2.40	21.3	11.6	9.7	2.69	21.9	10.4	10.4	2.89	22.6	10.4
Red	7.4	2.05	20.7	14.6	7.8	2.18	21.3	14.6	7.9	2.20	21.3	14.0	8.5	2.37	21.9	14.0	9.6	2.67	21.9	13.4	10.2	2.83	22.6	13.4
Blue + Diffuser	7.1	1.98	21.3	9.8	7.7	2.13	21.9	9.8	7.9	2.18	21.3	10.4	8.2	2.27	21.9	10.4	9.4	2.62	22.6	9.8	10.0	2.79	23.2	9.8
Black + Diffuser	7.2	1.99	21.0	9.1	7.6	2.10	21.6	9.1	7.8	2.16	21.6	9.1	8.3	2.32	21.6	9.1	9.4	2.60	22.3	8.8	9.9	2.76	22.9	8.8
MAIN NOZZLE #44 – GREEN																								
Pressure (bar)	4.8				5.5				4.8				5.5				4.8				5.5			
Orange	7.0	1.93	20.7	9.8	7.4	2.06	21.3	9.1	7.6	2.11	21.3	9.1	8.2	2.26	21.3	9.1	9.3	2.59	22.6	9.1	9.9	2.76	23.2	9.1
Green	7.6	2.12	20.7	14.0	8.2	2.28	21.3	14.0	8.2	2.28	20.1	14.0	8.8	2.44	21.3	14.0	9.9	2.75	21.9	12.8	10.5	2.91	22.6	12.8
Blue	7.9	2.19	20.7	11.6	8.3	2.31	21.3	11.6	8.4	2.33	20.1	10.4	9.1	2.52	20.7	11.0	9.9	2.74	21.9	11.0	10.6	2.93	22.6	11.0
Black	7.6	2.10	20.7	11.6	7.9	2.20	21.3	11.6	8.2	2.26	20.7	11.6	8.7	2.40	21.3	11.6	9.7	2.69	21.9	10.4	10.4	2.89	22.6	10.4
Red	7.4	2.05	20.7	14.6	7.8	2.18	21.3	14.6	7.9	2.20	21.3	14.0	8.5	2.37	21.9	14.0	9.6	2.67	21.9	13.4	10.2	2.83	22.6	13.4
Blue + Diffuser	7.1	1.98	21.3	9.8	7.7	2.13	21.9	9.8	7.9	2.18	21.3	10.4	8.2	2.27										



952 Series Rotors

U.S. Performance Data

FRONT NOZZLES															
	Base Pressure (psi)	#44 – Blue		#46 – Tan		#48 – Yellow		#52 – Orange		#56 – Green		#60 – Black		#64 – Red	
		Radius (ft)	Flow (gpm)	Radius (ft)	Flow (gpm)	Radius (ft)	Flow (gpm)	Radius (ft)	Flow (gpm)	Radius (ft)	Flow (gpm)	Radius (ft)	Flow (gpm)	Radius (ft)	Flow (gpm)
STANDARD	60	70	19.7	74	22.9	76	27.1	79	31.5	81	35.3	83	38.8	85	42
	70	71	21.3	74	25	78	29.7	81	34	84	38.2	86	42.1	89	47.1
	80	73	22.8	76	26.7	79	31.6	83	36.3	87	41	88	44.9	93	48.7
	90	73	23.8	78	28.5	82	33.3	85	38.4	90	42.8	91	47.6	98	51.7
	100	74	25	78	30.2	82	35.1	88	40.6	92	45.5	94	49.1	101	54.5
LOW-ANGLE	60	70	19.7	75	23.2	77	27.7	78	31.8	82	35.9	81	39.4	—	—
	70	73	21.1	79	25.2	80	30	81	34.2	82	38.7	86	42.6	—	—
	80	75	22.9	79	26.6	81	31.5	83	36.6	84	40.9	87	45.6	—	—
	90	77	24.1	80	28.7	84	33.5	87	38.7	90	43.4	92	48.1	—	—
	100	79	25.4	80	30.2	86	35.4	89	40.8	94	46	96	51	—	—

Metric Performance Data

FRONT NOZZLES																						
	Base Pressure (bar)	#44 – Blue			#46 – Tan			#48 – Yellow			#52 – Orange			#56 – Green			#60 – Black			#64 – Red		
		Radius (m)	Flow (m³/h)	Flow (l/s)	Radius (m)	Flow (m³/h)	Flow (l/s)	Radius (m)	Flow (m³/h)	Flow (l/s)	Radius (m)	Flow (m³/h)	Flow (l/s)	Radius (m)	Flow (m³/h)	Flow (l/s)	Radius (m)	Flow (m³/h)	Flow (l/s)	Radius (m)	Flow (m³/h)	Flow (l/s)
STANDARD	4.1	21.3	4.5	1.24	22.5	5.2	1.45	23.2	6.2	1.71	24.1	7.2	1.99	24.7	8.0	2.23	25.3	8.8	2.45	25.9	9.5	2.65
	4.8	21.6	4.8	1.34	22.7	5.7	1.58	23.8	6.7	1.87	24.7	7.7	2.15	25.6	8.7	2.41	26.2	9.6	2.66	27.1	10.7	2.97
	5.5	22.3	5.2	1.44	23.1	6.1	1.68	24.1	7.2	1.99	25.3	8.2	2.29	26.5	9.3	2.59	26.8	10.2	2.83	28.3	11.1	3.07
	6.2	22.3	5.4	1.50	23.7	6.5	1.80	25.0	7.6	2.10	25.9	8.7	2.42	27.4	9.7	2.70	27.7	10.8	3.00	29.9	11.7	3.26
	6.9	22.6	5.7	1.58	23.7	6.9	1.91	25.0	8.0	2.21	26.8	9.2	2.56	28.0	10.3	2.87	28.7	11.2	3.10	30.8	12.4	3.44
LOW-ANGLE	4.1	21.3	4.5	1.24	22.9	5.3	1.47	23.5	6.3	1.75	23.8	7.2	2.01	25.0	8.2	2.26	24.7	8.9	2.49	—	—	—
	4.8	22.3	4.8	1.33	24.1	5.7	1.59	24.4	6.8	1.89	24.7	7.8	2.16	25.0	8.8	2.44	26.2	9.7	2.69	—	—	—
	5.5	22.9	5.2	1.44	24.1	6.0	1.68	24.7	7.2	1.99	25.3	8.3	2.31	25.6	9.3	2.58	26.5	10.4	2.88	—	—	—
	6.2	23.5	5.5	1.52	24.3	6.5	1.81	25.6	7.6	2.11	26.5	8.8	2.44	27.4	9.9	2.74	28.0	10.9	3.03	—	—	—
	6.9	24.1	5.8	1.60	24.5	6.9	1.91	26.2	8.0	2.23	27.1	9.3	2.57	28.7	10.4	2.90	29.3	11.6	3.22	—	—	—



952 Series Rotors

REAR-SPREADER NOZZLES – U.S. PERFORMANCE DATA

Spreader Nozzle Color	Flow (gpm)	Nozzle Range			Flow (gpm)	Nozzle Range			Flow (gpm)	Nozzle Range			Flow (gpm)	Nozzle Range			Flow (gpm)	Nozzle Range			Flow (gpm)	Nozzle Range																		
		Main (ft)	Rear (ft)	Flow (ft)		Main (ft)	Rear (ft)	Flow (ft)		Main (ft)	Rear (ft)	Flow (ft)		Main (ft)	Rear (ft)	Flow (ft)		Main (ft)	Rear (ft)	Flow (ft)		Main (ft)	Rear (ft)																	
MAIN NOZZLE #44 – BLUE																							MAIN NOZZLE #46 – TAN						MAIN NOZZLE #48 – YELLOW						MAIN NOZZLE #52 – ORANGE					
Pressure (psi)	70			80			70			80			70			80			70			80																		
Orange	23.9	69	35	25.4	71	35	28.4	71	33	29.2	73	33	32.1	75	33	34.1	77	33	36.5	80	33	39.0	83	32																
Green	27.7	69	52	29.6	70	51	31.0	73	51	32.8	73	49	35.7	75	50	37.8	77	50	39.9	79	50	42.3	81	50																
Blue	26.5	69	41	28.2	70	41	30.5	71	45	33.6	73	43	34.4	76	40	37.0	77	39	39.6	81	39	41.9	83	39																
Black	28.6	68	43	28.9	71	43	30.9	71	43	32.1	73	45	35.1	75	41	37.5	77	41	39.7	79	40	43.9	80	40																
Red	25.9	68	52	27.4	69	51	29.9	71	33	31.6	73	31	34.2	74	51	36.4	77	52	38.4	79	50	40.8	80	51																
Blue + Diffuser	24.4	70	35	26.0	70	34	28.2	73	35	29.9	75	35	32.5	75	35	34.7	77	34	37.1	81	35	39.1	83	33																
Black + Diffuser	24.2	69	35	25.9	71	33	28.2	73	35	30.0	71	35	33.3	76	34	34.7	78	34	36.9	79	33	39.5	81	33																
MAIN NOZZLE #56 – GREEN							MAIN NOZZLE #60 – BLACK						MAIN NOZZLE #64 – RED																											
Pressure (psi)	70			80			70			80			70			80																								
Orange	40.6	83	33	43.8	86	33	44.3	85	32	47.4	87	31	48.2	89	33	51.4	92	33																						
Green	44.0	80	50	46.8	84	50	47.9	83	49	50.7	85	49	51.8	85	49	53.3	89	50																						
Blue	43.7	83	39	46.1	85	39	47.1	85	39	50.3	87	38	50.7	88	39	54.0	92	37																						
Black	43.5	81	40	46.5	85	39	47.4	85	39	50.6	87	39	49.9	85	40.7	55	91	39																						
Red	42.4	82	50	45.4	84	50	46.1	83	51	49.9	86	50	50.0	87	50	53.1	89	51																						
Blue + Diffuser	41.3	82	34	44.2	85	33	45.3	83	33	48.2	85	33	48.5	86	33	52.7	90	35																						
Black + Diffuser	41.5	83	34	44.6	86	33	45.3	84	32	48.3	87	32	48.6	87	31	51.7	87	31																						

REAR-SPREADER NOZZLES – METRIC PERFORMANCE DATA

Spreader Nozzle Color	Flow (m³/h) : (l/s)	Nozzle Range			Flow (m³/h) : (l/s)	Nozzle Range			Flow (m³/h) : (l/s)	Nozzle Range			Flow (m³/h) : (l/s)	Nozzle Range			Flow (m³/h) : (l/s)	Nozzle Range			Flow (m³/h) : (l/s)	Nozzle Range																		
		Main (m)	Rear (m)	Flow (m)		Main (m)	Rear (m)	Flow (m)		Main (m)	Rear (m)	Flow (m)		Main (m)	Rear (m)	Flow (m)		Main (m)	Rear (m)	Flow (m)		Main (m)	Rear (m)																	
MAIN NOZZLE #44 – BLUE																							MAIN NOZZLE #46 – TAN						MAIN NOZZLE #48 – YELLOW						MAIN NOZZLE #52 – ORANGE					
Pressure (bar)	4.8			5.5			4.8			5.5			4.8			5.5			4.8			5.5																		
Orange	5.4	1.51	21.1	10.6	5.8	1.60	21.7	10.8	6.3	1.79	21.6	10.1	6.6	1.84	22.3	10.1	7.3	2.02	23.0	10.2	7.7	2.15	23.6	10.2	8.3	2.30	24.4	10.0	8.9	2.46	25.4	9.8								
Green	6.3	1.75	20.9	15.8	6.7	1.87	21.3	15.6	6.9	1.96	22.3	15.5	7.4	2.07	22.3	14.9	8.1	2.25	23.0	15.2	8.6	2.39	23.4	15.2	9.1	2.52	24.2	15.2	9.6	2.67	24.8	15.2								
Blue	6.0	1.67	21.1	12.6	6.4	1.78	21.3	12.6	6.8	1.92	21.6	13.7	7.6	2.12	22.3	13.1	7.8	2.17	23.2	12.2	8.4	2.34	23.6	12.0	9.0	2.50	24.6	12.0	9.5	2.64	25.2	11.8								
Black	6.5	1.81	20.7	13.0	6.6	1.82	21.5	13.2	6.9	1.95	21.6	13.1	7.3	2.03	22.3	13.7	8.0	2.22	23.0	12.4	8.5	2.37	23.6	12.4	9.0	2.51	24.0	12.2	10.0	2.77	24.4	12.2								
Red	5.9	1.63	20.7	15.8	6.2	1.73	20.9	15.6	6.7	1.89	21.6	10.1	7.2	1.99	22.3	9.4	7.8	2.15	22.6	15.6	8.3	2.30	23.4	15.8	8.7	2.42	24.0	15.2	9.3	2.57	24.4	15.4								
Blue + Diffuser	5.5	1.54	21.3	10.8	5.9	1.64	21.3	10.4	6.3	1.78	22.3	10.7	6.8	1.89	22.9	10.7	7.4	2.05	23.0	10.6	7.9	2.19	23.6	10.4	8.4	2.34	24.6	10.6	8.9	2.47	25.2	10.2								
Black + Diffuser	5.5	1.52	21.1	10.6	5.9	1.64	21.7	10.2	6.3	1.78	22.3	10.7	6.8	1.89	21.6	10.7	7.6	2.10	23.2	10.4	7.9	2.19	23.8	10.4	8.4	2.33	24.0	10.0	9.0	2.49	24.8	10.0								
MAIN NOZZLE #56 – GREEN							MAIN NOZZLE #60 – BLACK						MAIN NOZZLE #64 – RED																											
Pressure (bar)	4.8			5.5			4.8			5.5			4.8			5.5																								
Orange	9.2	2.56	25.4	10.2	9.9	2.76	26.2	10.2	10.1	2.80	25.8	9.8	10.8	2.99	26.6	9.6	10.9	3.04	27.0	10.0	11.7	3.24	28.0	10.2																
Green	10.0	2.77	24.4	15.2	10.6	2.95	25.6	15.2	10.9	3.02	25.2	14.8	11.5	3.20	26.0	15.0	11.8	3.26	26.0	15.0	12.1	3.36	27.2	15.2																
Blue	9.9	2.75	25.4	12.0	10.5	2.91	26.0	11.8	10.7	2.97	25.8	11.8	11.4	3.18	26.6	11.6	11.5	3.20	26.8	11.8	12.3	3.40	28.0	11.4																
Black	9.9	2.74	24.8	12.2	10.6	2.93	25.8	12.0	10.8	2.99	25.8	11.8	11.5	3.19	26.4	12.0	11.3	3.15	26.0	12.4	12.4	3.44	27.6	11.8																
Red	9.6	2.68	25.0	15.2	10.3	2.86	25.6	15.2	10.5	2.91	25.4	15.4	11.3	3.15	26.2	15.2	11.4	3.15	26.4	15.2	12.1	3.35	27.0	15.4																
Blue + Diffuser	9.4	2.60	25.0	10.4	10.0	2.79	25.8	10.2	10.3	2.85	25.3	10.1	10.9	3.04	25.9	10.1	11.0	3.06	26.2	10.2	12.0	3.32	27.4	10.6																
Black + Diffuser	9.4	2.62	25.2	10.4	10.1	2.81	26.2	10.2	10.3	2.86	25.6	9.8	11.0	3.05	26.6	9.8	11.0	3.07	26.6	9.6	11.7	3.26	26.6	9.6																



952LT Series Rotors

U.S. Performance Data

Front Nozzles			
#LT - Maroon			
	Base Pressure (psi)	Radius (ft)	Flow (gpm)
Standard	80	98	58
	90	108	61
	100	112	65
	110	115	68
Low Angle	80	98	58
	90	108	61
	100	112	65
	110	115	68



Metric Performance Data

Front Nozzles				
#LT - Maroon				
	Base Pressure (bar)	Radius (m)	Flow (m ³ /h)	Flow (l/s)
Standard	4.1	29.9	13.2	3.66
	4.8	32.9	13.9	3.85
	5.5	34.1	14.8	4.10
	6.9	35.1	15.4	4.29
Low Angle	4.1	29.9	13.2	3.66
	4.8	32.9	13.9	3.85
	5.5	34.1	14.8	4.10
	6.9	35.1	15.4	4.29