

































Performance Chart

US Measurements

BRAKE ASSEMBLY WITH DEFLECTOR	NOZZLE	STREAM HEIGHT	FLOW RATES AT STANDARD PRESSURE						MODEL NUMBER		
			GALLONS PER MINUTE (gpm)						PART NUMBER		
			Throw Radius (feet)						NPT THREAD	ACME THREAD	
			25 psi	30 psi	35 psi	40 psi	45 psi	50 psi			
 9 Degree Red 1804999R	Light Blue #40 0.040" (1.016 mm) Item# 18116940B		20-23 in (50.8-58.4cm)	—	—	0.28	0.30	0.32	0.34	LF03N09R40	LF03A09R40
	Light Purple #45 0.045" (1.143 mm) Item# 18116945P		19-25 in (48.3-63.5cm)	0.29	0.32	0.35	0.37	0.39	0.41	LF03N09R45	LF03A09R45
	Dark Green #50 0.050" (1.270 mm) Item# 18116950G		21-29 in (53.3-73.6cm)	0.36	0.40	0.43	0.46	0.48	0.51	LF03N09R50	LF03A09R50
	FC1 0.35gpm (79.5 l/h) Item# 18212535		20-25 in (50.8 - 63.5cm)	0.35						LF03N09RF1	LF03A09RF1
	FC3 0.43 gpm (97.7 l/h) Item# 18212543		20-25 in (50.8 - 63.5cm)	0.43						LF03N09RF3	LF03A09RF3
 9 Degree White 1804999W	Dark Green #50 0.050" (1.270 mm) Item# 18116950G		20-24 in (50.8-61cm)	—	—	0.43	0.46	0.48	0.51	LF03N09W50	LF03A09W50
	Light Yellow #55 0.055" (1.397 mm) Item# 18116955Y		17-25 in (43.2-63.5cm)	0.44	0.48	0.52	0.55	0.59	0.62	LF03N09W55	LF03A09W55
	Light Red #60 0.060" (1.524 mm) Item# 18116960R		17-25 in (43.2-63.5cm)	0.51	0.56	0.61	0.65	0.69	0.73	LF03N09W60	LF03A09W60
	FC2 0.50 gpm (113.6 l/h) Item# 18212550		20-25 in (50.8-63.5cm)	0.50						LF03N09WF2	LF03A09WF2
 15 Degree Orange 18049915O	Dark Green #50 0.050" (1.270 mm) Item# 18116950G		34-39 in (86.4-99.1cm)	—	—	0.43	0.46	0.48	0.51	LF03N15O50	LF03A15O50
	Light Yellow #55 0.055" (1.397 mm) Item# 18116955Y		36-42 in (91.4-106.7cm)	0.44	0.48	0.52	0.55	0.59	0.62	LF03N15O55	LF03A15O55
	Light Red #60 0.060" (1.524 mm) Item# 18116960R		33-41 in (83.8-104.1cm)	0.51	0.56	0.61	0.65	0.69	0.73	LF03N15O60	LF03A15O60
	FC2 0.50 gpm (113.6 l/h) Item# 18212550		30-42 in (76.2-106.7 cm)	0.50						LF03N15OF2	LF03A15OF2

Metric Measurements

BRAKE ASSEMBLY WITH DEFLECTOR	NOZZLE	STREAM HEIGHT	FLOW RATES AT STANDARD PRESSURE							MODEL NUMBER		
			LITERS PER HOUR (l/h)							PART NUMBER		
			Throw Radius (meter)							NPT THREAD	ACME THREAD	
			1.75 bar	2 bar	2.25 bar	2.5 bar	2.75 bar	3 bar	3.25 bar			
 9 Degree Red 1804999R	Light Blue #40 0.040" (1.016 mm) Item# 18116940B		20-23 in (50.8-58.4cm)	—	—	62	65	68	71	74	LF03N09R40	LF03A09R40
	Light Purple #45 0.045" (1.143 mm) Item# 18116945P		19-25 in (48.3-63.5cm)	67	72	76	80	84	88	91	LF03N09R45	LF03A09R45
	Dark Green #50 0.050" (1.270 mm) Item# 18116950G		21-29 in (53.3-73.6cm)	83	88	94	99	104	108	113	LF03N09R50	LF03A09R50
	FC1 0.35gpm (79.5 l/h) Item# 18212535		20-25 in (50.8 - 63.5 cm)	80							LF03N09RF1	LF03A09RF1
	FC3 0.43 gpm (97.7 l/h) Item# 18212543		20-25 in (50.8 - 63.5 cm)	98							LF03N09RF3	LF03A09RF3
 9 Degree White 1804999W	Dark Green #50 0.050" (1.270 mm) Item# 18116950G		20-24 in (50.8-61cm)	—	—	94	99	104	108	113	LF03N09W50	LF03A09W50
	Light Yellow #55 0.055" (1.397 mm) Item# 18116955Y		17-25 in (43.2-63.5cm)	100	107	114	120	126	131	137	LF03N09W55	LF03A09W55
	Light Red #60 0.060" (1.524 mm) Item# 18116960R		17-25 in (43.2-63.5cm)	118	126	134	141	148	154	161	LF03N09W60	LF03A09W60
	FC2 0.50 gpm (113.6 l/h) Item# 18212550		20-25 in (50.8 - 63.5 cm)	114							LF03N09WF2	LF03A09WF2
 15 Degree Orange 18049915O	Dark Green #50 0.050" (1.270 mm) Item# 18116950G		34-39 in (86.4-99.1cm)	—	—	94	99	104	108	113	LF03N15O50	LF03A15O50
	Light Yellow #55 0.055" (1.397 mm) Item# 18116955Y		36-42 in (91.4-106.7cm)	100	107	114	120	126	131	137	LF03N15O55	LF03A15O55
	Light Red #60 0.060" (1.524 mm) Item# 18116960R		33-41 in (83.8-104.1cm)	118	126	134	141	148	154	161	LF03N15O60	LF03A15O60
	FC2 0.50 gpm (113.6 l/h) Item# 18212550		30-42 in (76.2-106.7 cm)	114							LF03N15OF2	LF03A15OF2