



PLATE	CAP ASSEMBLY W/ PLATE	NOZZLE	NOZZLE & BODY ASSY	COMPLETE ASSY LESS ADPTR
K1	10519-1106	8A	10533-008	11991-0108
		FC	9223-085	11992-0108
		9	10533-009	11991-0209
K2	10519-1206	10	10533-010	11991-0210
		FC	9223-100	11992-0210
		9	10533-009	11991-0309
K3	10519-1209	10	10533-010	11991-0310
		FC	9223-085	11992-0308
		FC	9223-100	11992-0310
K3	10519-1215	8A	10533-008	11991-0408
		9	10533-009	11991-0409
		10	10533-010	11991-0410
K3	10519-1309	FC	9223-085	11992-0408
		FC	9223-100	11992-0410
		11	10533-011	11991-0511
K3	10519-1315	12	10533-012	11991-0512
		FC	9223-125	11992-0512
		FC	9223-150	11992-0515
K3	10519-1315	11	10533-011	11991-0611
		FC	9223-125	11992-0612
		FC	9223-150	11992-0615
K3	10519-1324	11	10533-011	11991-0711
		12	10533-012	11991-0712
		FC	9223-125	11992-0712
K4	10519-1406	13	10533-013	11991-0813
		14	10533-014	11991-0814
		FC	9223-150	11992-0815
K4	10519-1409	FC	9223-200	11992-0820
		13	10533-013	11991-0913
		14	10533-014	11991-0914
K4	10519-1412	FC	9223-150	11992-0915
		FC	9223-200	11992-0920
		13	10533-013	11991-1013
K4	10519-1415	14	10533-014	11991-1014
		FC	9223-150	11992-1015
		FC	9223-200	11992-1020
K4	10519-1415	14	10533-014	11991-1114
		FC	9223-150	11992-1115
		FC	9223-200	11992-1120
K4	10519-1424	13	10533-013	11991-1213
		14	10533-014	11991-1214
		FC	9223-150	11992-1215
K5	10519-1509	FC	9223-200	11992-1220
		15	10533-015	11991-1315
		16	10533-016	11991-1316
K5	10519-1515	FC	9223-250	11992-1325
		15	10533-015	11991-1415
		16	10533-016	11991-1416
K5	10519-1524	FC	9223-250	11992-1425
		15	10533-015	11991-1515
		16	10533-016	11991-1516
		FC	9223-250	11992-1525



FEATURES

- High uniformity
- Proven reliability
- Long throw distance
- Low cost, less maintenance
- Low application rate
- No riser vibration
- No splash down

OVERVIEW

Maximize Radius and Uniformity

Now there's a sprinkler you can count on to give you both — distance of throw and uniformity. Plus the proven reliability Nelson Rotators® are known for the world over. The Nelson R2000 Rotator® uses the same unique, patented drive principle and simplicity of design as our other Rotator® models. But we've given it a diffuser device which "fills in" the sprinkler pattern for greater uniformity and allows for a long distance of throw comparable to an impact sprinkler!

The right combination of radius and uniformity makes the R2000 the ideal sprinkler for a variety of tree and field crop applications.

Quick Snap-Apart Design

By "squeezing" on the releasing points (the words "squeeze"), the cap easily twists off of the body for changing or cleaning the nozzle.

Flow Regulating options

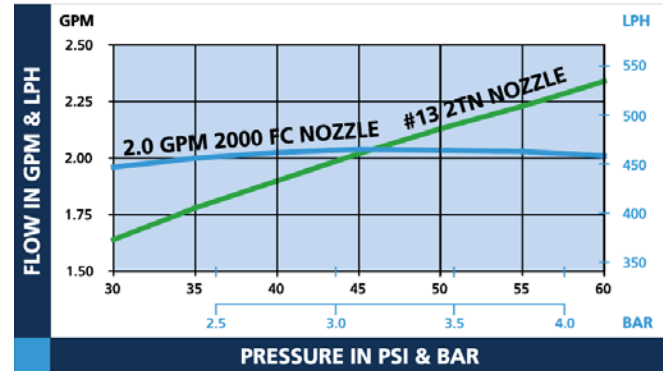


The 2000FC nozzles illustrated above are operating at the same flow. As pressure increases, the flexible flow washers reduce the orifice opening size giving a constant flow over a wide range of pressure



PLATE/NOZZLE OPTIONS AND FLOW PERFORMANCE IN LPH

PLATE SERIES	PLATE OPTIONS	RECOMMENDED NOZZLES	BAR								
			2.0	2.5	3.0	3.5	4.0				
K1	K1 6° Cream Radius: 21-25' (6.4-7.6 m) Stream Ht.: 15-25" (38-64 cm)	Gray #8.3	150	166	183	197	210				
		.85 2000FC	Within the recommended pressure range of 2.0-4.0 BAR, the .85 2000 FC flow control nozzle is flow regulating within a flow range of no more than 3.5% greater and 8% less than the nominal flow of 193 LPH.								
K2	K2 6° Light Blue Radius: 22-26' (6.7-7.9 m) Stream Ht.: 15-32" (38-81 cm)	White #9	172	192	210	229	245				
		Dark Blue #10	217	242	266	286	306				
	1.0 2000FC	Within the recommended pressure range of 2.0-4.0 BAR, the 1.0 2000 FC flow control nozzle is flow regulating within a flow range of no more than 3.5% greater and 8% less than the nominal flow of 227 LPH.									
	K2 9° Green Radius: 23-27' (7.0-8.2 m) Stream Ht.: 18-37" (46-94 cm)	Gray #8.3	150	166	183	197	210				
White #9		172	192	210	229	245					
K2 15° Yellow Radius: 27-30' (8.2-9.1 m) Stream Ht.: 31-55" (79-140 cm)	Dark Blue #10	217	242	266	286	306					
	.85 2000FC	Within the recommended pressure range of 2.0-4.0 BAR, the .85 2000 FC flow control nozzle is flow regulating within a flow range of no more than 3.5% greater and 8% less than the nominal flow of 193 LPH.									
K2 15° Yellow Radius: 27-30' (8.2-9.1 m) Stream Ht.: 31-55" (79-140 cm)	1.0 2000FC	Within the recommended pressure range of 2.0-4.0 BAR, the 1.0 2000 FC flow control nozzle is flow regulating within a flow range of no more than 3.5% greater and 8% less than the nominal flow of 227 LPH.									
	K3 9° Brown Radius: 25-28' (7.6-8.5 m) Stream Ht.: 19-33" (48-84 cm)	Orange #11	261	294	323	350	375				
Purple #12		311	347	380	412	442					
1.25 2000FC		Within the recommended pressure range of 2.0-4.0 BAR, the 1.25 2000 FC flow control nozzle is flow regulating within a flow range of no more than 3.5% greater and 8% less than the nominal flow of 284 LPH.									
K3 15° Red Radius: 27-31' (8.2-9.4 m) Stream Ht.: 38-63" (97-160 cm)	1.5 2000FC	Within the recommended pressure range of 2.0-4.0 BAR, the 1.5 2000 FC flow control nozzle is flow regulating within a flow range of no more than 3.5% greater and 8% less than the nominal flow of 341 LPH.									
	K3 24° Gray Radius: 29-35' (8.8-10.7 m) Stream Ht.: 68-103" (173-262 cm)	Yellow #13	366	411	451	487	521				
		Green #14	413	463	509	550	590				
K4	K4 6° Turquoise Radius: 21-25' (6.1-7.6 m) Stream Ht.: 10-24" (25-61 cm)	1.5 2000 FC	Within the recommended pressure range of 2.0-4.0 BAR, the 1.5 2000 FC flow control nozzle is flow regulating within a flow range of no more than 3.5% greater and 8% less than the nominal flow of 341 LPH.								
		2.0 2000 FC	Within the recommended pressure range of 2.0-4.0 BAR, the 2.0 2000 FC flow control nozzle is flow regulating within a flow range of no more than 3.5% greater and 8% less than the nominal flow of 454 LPH.								
	K4 9° Purple Radius: 26-32' (7.9-9.4 m) Stream Ht.: 28-42" (71-107 cm)	K4 12° Wine Radius: 27-31' (8.2-9.4 m) Stream Ht.: 32-51" (81-130 cm)	K4 15° Gold Radius: 27-33' (8.2-10.1 m) Stream Ht.: 40-60" (102-152 cm)	K4 24° Black Radius: 28-36' (8.5-11.0 m) Stream Ht.: 65-100" (165-254 cm)	K5 9° Orange Radius: 27-31' (8.2-9.4 m) Stream Ht.: 25-42" (54-107 cm)	Tan #15	485	544	597	647	695
							Dark Red #16	559	624	685	739
	K5 15° Tan Radius: 31-36' (9.4-11.0 m) Stream Ht.: 36-49" (91-124 cm)	K5 24° Blue Radius: 32-37' (9.8-11.3 m) Stream Ht.: 76-104" (193-264 cm)	2.5 2000FC	Within the recommended pressure range of 2.0-4.0 BAR, the 2.5 2000 FC flow control nozzle is flow regulating within a flow range of no more than 3.5% greater and 8% less than the nominal flow of 568 LPH.							



2000FC Nozzle and 2TN nozzle flow rates with changes in pressure



Why use Flow Control Nozzles?

- Constant flow over a range of pressure
- Increases field uniformity
- Low cost, high value

Flow control nozzles (2000FC) are an excellent low cost option when system pressure ranges between 30-60 PSI (2.0-4.0 BAR). When system pressure differences are more extreme the Nelson Mini Regulator or Mini Regulator Drain Check are ideal products.

Mini Regulator (MR), Mini Regulator Drain Check (MRDC) and Mini Drain Check (MDC)

The Mini Regulator and Mini Regulator Drain Check increase the potential to conserve water when the pressure is maintained at or above the nominal rating of the regulator. Every sprinkler in a system delivers exactly the same flow, droplet size, and distribution uniformity. The MR and MRDC are available in 30, 35, 40, 45, 50 or 60 PSI (2.0, 2.4, 2.8, 3.1, 3.4 or 4.0 BAR) nominal pressures.

The Drain Check feature (available in the MRDC and MDC) eliminates sprinkler drizzle during shut down and start up. The Mini Drain Check is available in 20 and 35 PSI (1.4-2.4 BAR) options.

All models have a Male Acme Outlet and 1/2" FNPT or Female Acme Inlet for direct connection to PVC or threaded adapters.