



PLATE	CAP ASSEMBLY W/ PLATE	NOZZLE	NOZZLE & BODY ASSY	COMPLETE ASSY LESS ADPTR
K1 6	10519-1106	8A	10533-008	11991-0108
		FC	9223-085	11992-0108
K2 6	10519-1206	9	10533-009	11991-0209
		10	10533-010	11991-0210
		FC	9223-100	11992-0210
K2 9	10519-1209	8A	10533-008	11991-0308
		9	10533-009	11991-0309
		10	10533-010	11991-0310
		FC	9223-085	11992-0308
		FC	9223-100	11992-0310
K2 15	10519-1215	8A	10533-008	11991-0408
		9	10533-009	11991-0409
		10	10533-010	11991-0410
		FC	9223-085	11992-0408
		FC	9223-100	11992-0410
K3 9	10519-1309	11	10533-011	11991-0511
		12	10533-012	11991-0512
		FC	9223-125	11992-0512
		FC	9223-150	11992-0515
K3 15	10519-1315	11	10533-011	11991-0611
		12	10533-012	11991-0612
		FC	9223-125	11992-0612
		FC	9223-150	11992-0615
K3 24	10519-1324	11	10533-011	11991-0711
		12	10533-012	11991-0712
		FC	9223-125	11992-0712
		FC	9223-150	11992-0715
K4 6	10519-1406	13	10533-013	11991-0813
		14	10533-014	11991-0814
		FC	9223-150	11992-0815
		FC	9223-200	11992-0820
K4 9	10519-1409	13	10533-013	11991-0913
		14	10533-014	11991-0914
		FC	9223-150	11992-0915
		FC	9223-200	11992-0920
K4 12	10519-1412	13	10533-013	11991-1013
		14	10533-014	11991-1014
		FC	9223-150	11992-1015
		FC	9223-200	11992-1020
K4 15	10519-1415	13	10533-013	11991-1113
		14	10533-014	11991-1114
		FC	9223-150	11992-1115
		FC	9223-200	11992-1120
K4 24	10519-1424	13	10533-013	11991-1213
		14	10533-014	11991-1214
		FC	9223-150	11992-1215
		FC	9223-200	11992-1220
K5 9	10519-1509	15	10533-015	11991-1315
		16	10533-016	11991-1316
		FC	9223-250	11992-1325
K5 15	10519-1515	15	10533-015	11991-1415
		16	10533-016	11991-1416
		FC	9223-250	11992-1425
K5 24	10519-1524	15	10533-015	11991-1515
		16	10533-016	11991-1516
		FC	9223-250	11992-1525



Cap Assembly With Plate

Nozzle & Body Assembly

O-Ring
#9307

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

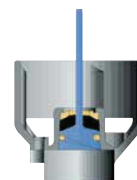
Now there's a sprinkler you can count on to give you both — distance of throw and uniformity. Plus the proven reliability Nelson Rotators® are known for the world over. The Nelson R2000 Rotator® uses the same unique, patented drive principle and simplicity of design as our other Rotator® models. But 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.

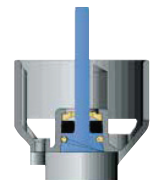
Quick Snap-Apart Design

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



2000FC with high pressure



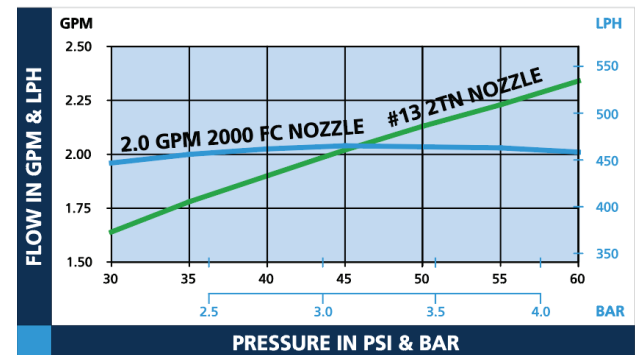
2000FC with low pressure

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

[Additional Information](#) 

PLATE/NOZZLE OPTIONS & 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' (46-94cm)	Gray #8.3	150	166	183	197	210
		White #9	172	192	210	229	245
		Dark Blue #10	217	242	266	286	306
K3	 K2 15° Yellow Radius: 27-30' (8.2-9.1 m) Stream Ht.: 31-55' (79-140 cm)	.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.				
		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
	 K3 15° Red Radius: 27-31' (8.2-9.4 m) Stream Ht.: 38-63' (97-160 cm)	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.				
		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.				
K4	 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 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)						
K5	 K4 12° Wine Radius: 27-31' (8.2-9.4 m) Stream Ht.: 32-51' (81-130 cm)	Tan #15	485	544	597	647	695
		Dark Red #16	559	624	685	739	792
	 K4 15° Gold Radius: 27-33' (8.2-10.1 m) Stream Ht.: 40-60' (102-152 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.