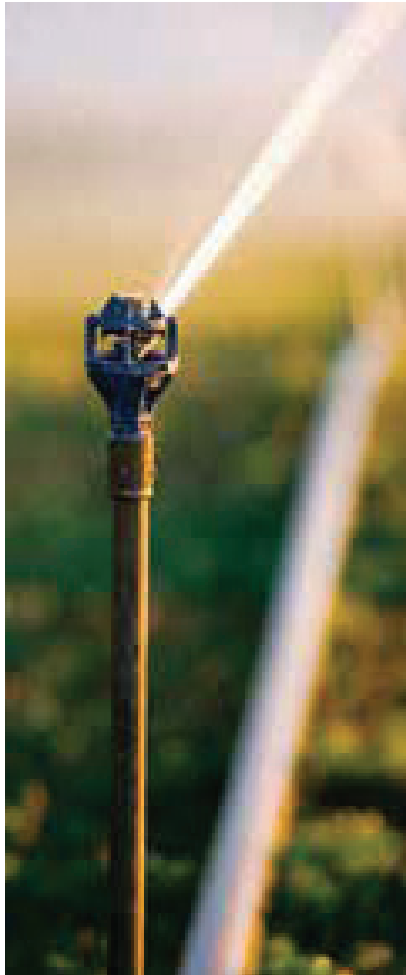




Cap
#11030

Motor
(Purple, ivory,
(Gray for R33,
Purple for
R33LP)

Diffuser
Green #11342,
Gray #10973

Retainer #11039

Plate

Bearing
#11077

Body
#11076

Nozzle

Adapter with
O-ring
#11344



The Road Guard (#11363) easily snaps on to convert the R33 and R33LP to part-circle operation.

FEATURES

- High uniformity
- Easy to clean
- Long wear life
- No riser vibration
- Easy to repair
- No seals under pressure

OVERVIEW

The R33 Rotator® from Nelson Irrigation is an innovation that saves money, saves time and performs better than the 3/4" brass impact sprinklers it's designed to obsolete. Created as an upgrade to replace the Nelson F33 brass sprinkler, the R33 uses Nelson's proven Rotator Technology® to provide longer throw distance, fight the wind better and deliver uniform coverage.

With new advancements in speed control, our breakthrough design allows the sprinkler to move from a slow mode back to a fast mode throughout its rotation. By reducing the speed of rotation intermittently, the R33 produces a wind-fighting pattern with maximum throw distance. The fast mode also assists in filling out the water pattern for greater uniformity. While brass sprinklers are prone to damage, clogging and theft, the R33 is easy to clean, easy to repair and costs less to replace. Without a drive arm, the sprinkler creates no riser vibration. It also has a long wear life because no seals or bearings are exposed to water pressure.

The R33 is also available in a low pressure model (the R33LP). Both are suitable for permanent-set, portable-pipe and wheel line applications for all type of crops, including forage crops, vegetables, grain and pastures, as well as tree and vine crops.

PLATE & NOZZLE	ASSEMBLED R33 CAP, BODY & ADAPTER	ASSEMBLED R33 CAP, BODY (NO ADAPTER)	PLATE & NOZZLE	ASSEMBLED R33LP CAP, BODY & ADAPTER	ASSEMBLED R33LP CAP, BODY (NO ADAPTER)
18	11466-1018	11336-018	18	11466-1118	11336-118
20	11466-1020	11336-020	20	11466-1120	11336-120
22	11466-1022	11336-022	22	11466-1122	11336-122
24	11466-1024	11336-024	24	11466-1124	11336-124
26	11466-1026	11336-026	26	11466-1126	11336-126

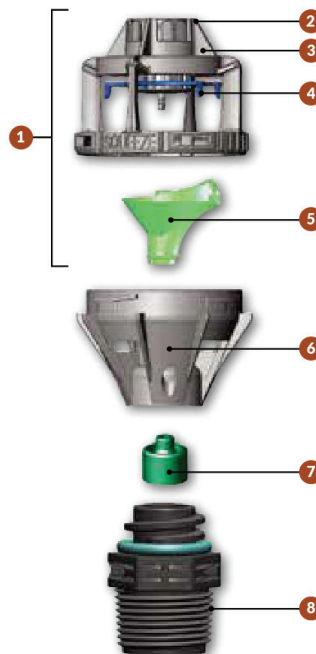
COMBINED R33/R33LP PERFORMANCE

Plate Options	Recommended Nozzles	Model & Radius (ft)	psi								
			25	30	35	40	45	50	55	60	65
 GOLD 18 #10974-018	 Gold #18 #11078-018 (9/64")	R33LP 39-42'	2.9	3.2	3.4	3.6	3.9	4.1			
		R33 43'				3.6	3.9	4.1	4.3	4.5	4.6
 BROWN 20 #10974-020	 Brown #20 #11078-020 (5/32")	R33LP 40-42'	3.5	3.9	4.2	4.5	4.7	5.0			
		R33 44-45'				4.5	4.7	5.0	5.2	5.5	5.7
 GRAY 22 #10974-022	 Gray #22 #11078-022 (11/64")	R33LP 42-45'	4.2	4.6	5.0	5.4	5.7	6.0			
		R33 46-47'				5.4	5.7	6.0	6.3	6.6	6.8
 GREEN 24 #10974-024	 Green #24 #11078-024 (3/16")	R33LP 43-46'	5.0	5.5	6.0	6.4	6.8	7.2			
		R33 47-50'				6.4	6.8	7.2	7.5	7.9	8.2
 MAROON 26 #10974-026	 Maroon #26 #11078-026 (13/64")	R33LP 43-47'	5.9	6.5	7.0	7.6	8.0	8.4			
		R33 49-50'				7.6	8.0	8.4	8.8	9.2	9.5
 BLUE 28 #10974-028	 Blue #28 #11078-028 (7/32")	R33LP 45-47'	7.0	7.6	8.2	8.8	9.4	9.9			
		R33 51-52'				8.8	9.4	9.9	10.4	10.9	11.3



The Flush Tool

The flush tool (Short #11161-001 and Long #11161-002) can be used to disconnect and reconnect the sprinkler for nozzle cleaning while under pressure without getting the irrigator soaked.



R33 PARTS

Quick, snap-apart design allows for easy nozzle cleaning.

- 1 - Cap Assembly
- 2 - Motor — R33 (gray), R33LP (purple)
- 3 - Cap
- 4 - Diffuser
- 5 - Plate
- 6 - Body
- 7 - 33TN Nozzle (color coded)
- 8 - Quick Change Adapter (3/4" MNPT)