



Cap
#9156-001



Diffuser
Green #11142
Purple #9898
Red #10716



Washer #9482



Motor
(Purple, ivory,
Gold or Green)



Plate



Bearing #9895



Body
#9155-001



Body w/
Bearing #9920

2TN Nozzle



Adapter with
O-ring
#9316-002



O-ring
#9307

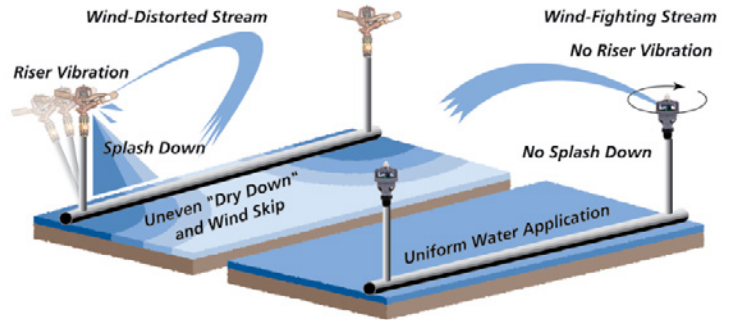
FEATURES

- 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

The R2000WF Rotator® consistently delivers higher uniformity than impact sprinklers. It forms a tight wind-penetrating stream that is systematically broken up by a diffuser, filling in the water pattern. Its sweeping action gently distributes water droplets to the ground preventing soil compaction.









The drive arm of an impact sprinkler directs a harsh "splash down" that seals the soil and causes crop damage directly around the sprinkler, while barren "wind skip" areas develop where the distorted stream doesn't reach the crop.





PLATE/NOZZLE OPTIONS AND FLOW PERFORMANCE IN LPH

PLATE OPTIONS	RECOMMENDED NOZZLE	MODEL & RADIUS (m)	BAR								
			1.75	2.0	2.75	3.0	3.5	4.0	4.5		
BLUE WF10 #12113 	Dk. Blue #10 #9306-078 Nozzle/Body Assy. (5/64") #9920-010	R2000LP Rad. 9.1-9.8	201	217	254	266	286				
		R2000WF R. 10.1-10.7				254	266	286	306	328	
PURPLE WF12 #10452 	Orange #11 #9306-086 Nozzle/Body Assy. (11/128") #9920-011	R2000LP R. 9.8-10.4	245	261	308	323	350				
		R2000WF R. 11.3-11.3				308	323	350	375	401	
	Purple #12 #9306-094 Nozzle/Body Assy. (3/32") #9920-012	R2000LP R. 10.1-10.7	290	311	365	380	412				
		R2000WF R. 11.3-11.6				365	380	412	442	469	
GREEN WF14 #9877 	Yellow #13 #9306-102 Nozzle/Body Assy. (13/128") #9920-013	R2000LP R. 10.1-11.0	343	366	431	451	487				
		R2000WF R. 11.3-11.6				431	451	487	521	558	
	Green #14 #9306-109 Nozzle/Body Assy. (7/64") #9920-014	R2000LP R. 10.4-11.3	389	413	487	509	550				
		R2000WF R. 11.6-12.2				487	509	550	590	626	
RED WF16 #9931 	Tan #15 #9306-117 Nozzle/Body Assy. (15/128") #9920-015	R2000LP R. 10.4-11.3	453	485	574	597	647				
		R2000WF R. 11.9-12.5				574	597	647	695	737	
	Red #16 #9306-125 Nozzle/Body Assy. (1/8") #9920-016	R2000LP R. 11.0-11.6	522	559	655	685	739				
		R2000WF R. 11.9-12.5				655	685	739	792	837	
GOLD WF18 #9870 	Gold #18 #9306-141 Nozzle/Body Assy. (9/64") #9920-018	R2000LP R. 11.6-11.9	668	716	834	869	940				
		R2000WF R. 12.5-12.8				834	869	940	1001	1060	
BRN. WF20 #9878 	Dk. Brown #20 #9306-156 Nozzle/Body Assy. (5/32") #9920-020	R2000LP R. 12.2-12.8	814	873	1016	1062	1144				
		R2000WF R. 12.8-13.7				1016	1062	1144	1222	1295	

*All plate options are high angle. The performance data in this section has been recorded under ideal test conditions and may be adversely affected by poor hydraulic entrance conditions, slope, riser tilt, temperature, wind or other factors. Always be sure to use the nozzle size that is recommended for the plate. Always operate within the recommended pressure range. Only the nozzle and plate combinations grouped together in the above charts are recommended.



MR



MRDC



MDC

Mini Regulator (MR) – For systems in which pressure ranges are excessive, the Nelson Mini Regulator provides uniform flow and distribution at each R2000WF through pressure regulation. Choose from 40, 45, or 50 PSI (2.8, 3.1 or 3.4 BAR) nominal pressures.

Mini Regulator Drain Check (MRDC) – To eliminate sprinkler drizzle during shut down and start up and for pressure regulation use the Nelson Mini Regulator Drain Check. It is available in the same nominal pressures as the Mini Regulator.

Mini Drain Check (MDC) – The MDC is a check valve only that opens 2-5 PSI (.14-.35 BAR) below the nominal pressure rating. Available in 20 and 35 PSI (1.4-2.4 BAR) options. Ideal when a check feature only is needed or when it is necessary to operate the R2000WF at different pressures that best suit environmental conditions.

FULLY ASSEMBLED SPRINKLER LESS ADAPTER

PLATE	NOZZLE	COMPLETE R2000WF CAP & BODY ASSY	WF MOTOR COLOR	COMPLETE R2000LP CAP & BODY ASSY	LP MOTOR COLOR
10	10	9928-1010	Purple	9929-1010	Green
12	11	9928-1211	Ivory	9929-1211	Green
12	12	9928-1212	Ivory	9929-1212	Green
14	13	9928-1413	Ivory	9929-1413	Purple
14	14	9928-1414	Ivory	9929-1414	Purple
16	15	9928-1615	Ivory	9929-1615	Purple
16	16	9928-1616	Ivory	9929-1616	Purple
18	18	9928-1818	Ivory	9929-1818	Purple
20	20	9928-2020	Gold	9929-2020	Purple

The R2000WF / LP have been designed to be easily repaired. Use these pages to determine the recommended plate, nozzle, motor and diffuser combinations when making repairs, or changing nozzle size.



Threaded Cap (Shut Off for Acme Adapters #10615)



Road Guard (12213-001)
The R2000WF Rotator can be converted into a part-circle sprinkler.