

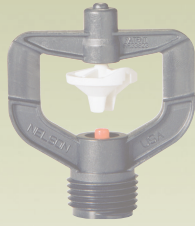
R2000 Windfighter



R2000WF-TEMP
U.S. & METRIC



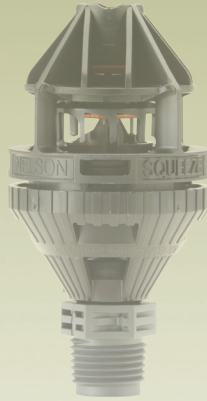
R5
9 - 29 GPH
34 - 110 LPH



R10
0.3 - 1.1 GPM
61 - 242 LPH



R10 TURBO
0.6 - 2.1 GPM
140 - 469 LPH



R2000
0.7 - 3.5 GPM
150 - 792 LPH



R2000WF / LP
0.9 - 5.7 GPM
204 - 1295 LPH

The R2000WF is part of the Nelson Rotator® family of sprinklers.

 **NELSON IRRIGATION CORPORATION**

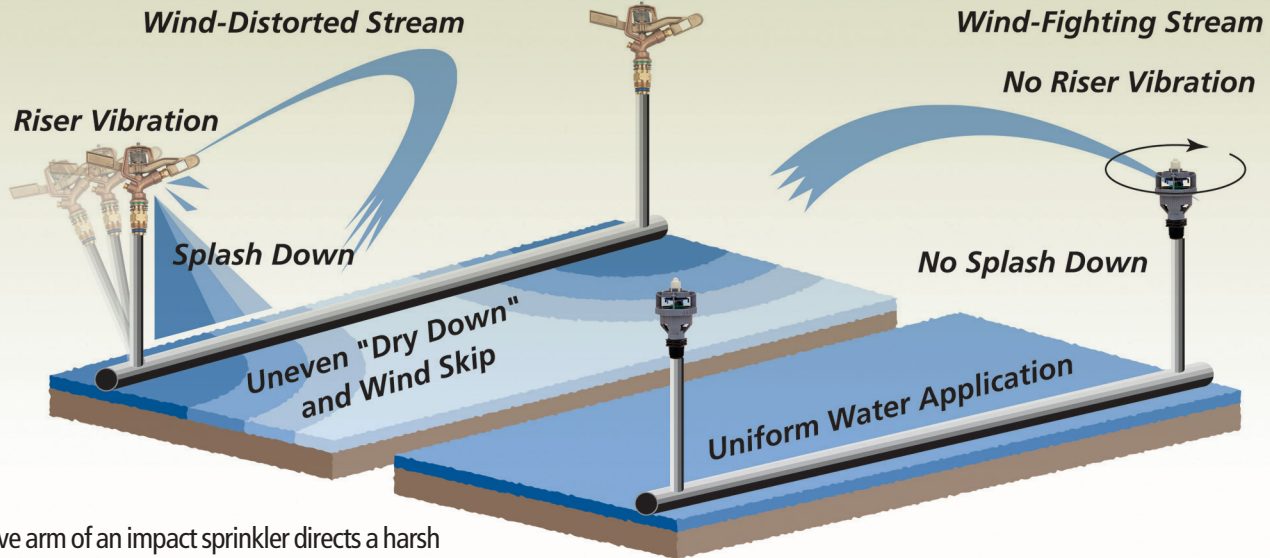


No other



agricultural sprinkler matches the uniformity, depth

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.

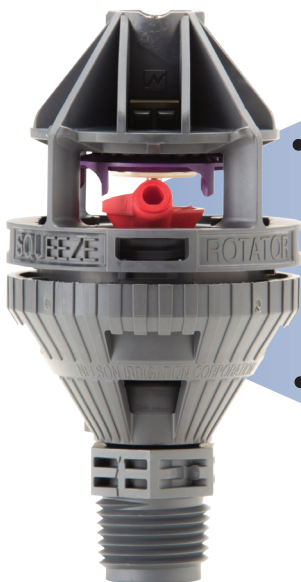


The drive arm of an impact sprinkler directs a harsh "splash down" that seals the soil and causes crop damage directly around the sprinkler, while barren "wind skip" areas develop where the distorted stream doesn't reach the crop.

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	9928-1212	Ivory	9929-1212	Green
14	13	9928-1413	Ivory	9929-1413	Purple
	14	9928-1414	Ivory	9929-1414	Purple
16	15	9928-1615	Ivory	9929-1615	Purple
	16	9928-1616	Ivory	9929-1616	Purple
18	18	9928-1818	Ivory	9929-1818	Purple
	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.



- High Uniformity
- Proven Reliability
- Long Throw Distance
- Low Cost, Less Maintenance
- Low Application Rate
- No Riser Vibration
- No Splash Down

Dependability and durability of the R2000 Windfighter.

HIGH UNIFORMITY IN THE FIELD



Solid Set. Aluminum pipe, PVC, or Polyethylene.



Permanent Set.

Overhead irrigation for cooling.



Wheel Line.

Portable Systems. The R2000WF in combination with the Mini Regulator Drain Check provides the ideal germination sprinkler for PVC or polyethylene systems. Superb uniformity is achieved with low application rates while drain-down problems are virtually eliminated.

Nelson Cap Removal Tool

(#10689) The Cap Removal Tool makes gripping and removing the cap a snap.



A tool that increases profits.

The R2000WF has lower maintenance costs than other sprinklers because it's easy to repair, easy to clean, and proven reliable.

Higher uniformity delivers higher quality and yields, which in turn means higher profits ... bottom line.



Threaded Cap (Shut Off) for Acme Adapters (#10615)









Road Guard (12213-001)

The R2000WF Rotator can be converted into a part-circle sprinkler.


US UNITS

Plate/Nozzle Options and Flow Performance in Gallons Per Minute

Plate Options	Recommended Nozzles	Model & Radius	PSI								
			25	30	35	40	45	50	55	60	65
 BLUE WF10 #12113	Dk. Blue #10 #9306-078	R2000LP Rad. 30-32	0.88	0.97	1.05	1.12	1.19	1.25	-	-	-
	Nozzle/Body Assy. (5/64") #9920-010	R2000WF Rad. 33-35	-	-	-	1.12	1.19	1.25	1.31	1.37	1.44
 PURPLE WF12 #10452	Orange #11 #9306-086	R2000LP Rad. 32-34	1.07	1.17	1.27	1.36	1.45	1.53	-	-	-
	Nozzle/Body Assy. (11/128") #9920-011	R2000WF Rad. 35-37	-	-	-	1.36	1.45	1.53	1.61	1.68	1.76
	Purple #12 #9306-094	R2000LP Rad. 33-35	1.27	1.39	1.50	1.61	1.70	1.80	-	-	-
	Nozzle/Body Assy. (3/32") #9920-012	R2000WF Rad. 37-38	-	-	-	1.61	1.70	1.80	1.89	1.98	2.06
 GREEN WF14 #9877	Yellow #13 #9306-102	R2000LP Rad. 33-36	1.50	1.64	1.78	1.90	2.02	2.13	-	-	-
	Nozzle/Body Assy. (13/128") #9920-013	R2000WF Rad. 37-38	-	-	-	1.90	2.02	2.13	2.23	2.34	2.45
	Green #14 #9306-109	R2000LP Rad. 34-37	1.70	1.85	2.00	2.15	2.28	2.40	-	-	-
	Nozzle/Body Assy. (7/64") #9920-014	R2000WF Rad. 38-40	-	-	-	2.15	2.28	2.40	2.53	2.64	2.75
 RED WF16 #9931	Tan #15 #9306-117	R2000LP Rad. 34-37	1.98	2.17	2.35	2.53	2.67	2.82	-	-	-
	Nozzle/Body Assy. (15/128") #9920-015	R2000WF Rad. 39-41	-	-	-	2.53	2.67	2.82	2.97	3.11	3.24
	Red #16 #9306-125	R2000LP Rad. 36-38	2.28	2.50	2.70	2.89	3.07	3.23	-	-	-
	Nozzle/Body Assy. (1/8") #9920-016	R2000WF Rad. 39-41	-	-	-	2.89	3.07	3.23	3.40	3.54	3.68
 GOLD WF18 #9870	Gold #18 #9306-141	R2000LP Rad. 38-39	2.92	3.20	3.44	3.68	3.89	4.11	-	-	-
	Nozzle/Body Assy. (9/64") #9920-018	R2000WF Rad. 41-42	-	-	-	3.68	3.89	4.11	4.30	4.48	4.66
 BRN. WF20 #9878	Dk. Brown #20 #9306-156	R2000LP Rad. 40-42	3.56	3.90	4.18	4.48	4.76	5.00	-	-	-
	Nozzle/Body Assy. (5/32") #9920-020	R2000WF Rad. 42-45	-	-	-	4.48	4.76	5.00	5.25	5.47	5.69

METRIC UNITS

Plate/Nozzle Options and Flow Performance in Liters Per Hour

Plate Options	Recommended Nozzles	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	R2000LP Rad. 9.1-9.8	201	217	254	266	286	-	-
	Nozzle/Body Assy. (5/64") #9920-010	R2000WF R. 10.1-10.7	-	-	254	266	286	306	328
 PURPLE WF12 #10452	Orange #11 #9306-086	R2000LP R. 9.8-10.4	245	261	308	323	350	-	-
	Nozzle/Body Assy. (11/128") #9920-011	R2000WF R. 10.7-11.3	-	-	308	323	350	375	401
	Purple #12 #9306-094	R2000LP R. 10.1-10.7	290	311	365	380	412	-	-
	Nozzle/Body Assy. (3/32") #9920-012	R2000WF R. 11.3-11.6	-	-	365	380	412	442	469
 GREEN WF14 #9877	Yellow #13 #9306-102	R2000LP R. 10.1-11.0	343	366	431	451	487	-	-
	Nozzle/Body Assy. (13/128") #9920-013	R2000WF R. 11.3-11.6	-	-	431	451	487	521	558
	Green #14 #9306-109	R2000LP R. 10.4-11.3	389	413	487	509	550	-	-
	Nozzle/Body Assy. (7/64") #9920-014	R2000WF R. 11.6-12.2	-	-	487	509	550	590	626
 RED WF16 #9931	Tan #15 #9306-117	R2000LP R. 10.4-11.3	453	485	574	597	647	-	-
	Nozzle/Body Assy. (15/128") #9920-015	R2000WF R. 11.9-12.5	-	-	574	597	647	695	737
	Red #16 #9306-125	R2000LP R. 11.0-11.6	522	559	655	685	739	-	-
	Nozzle/Body Assy. (1/8") #9920-016	R2000WF R. 11.9-12.5	-	-	655	685	739	792	837
 GOLD WF18 #9870	Gold #18 #9306-141	R2000LP R. 11.6-11.9	668	716	834	869	940	-	-
	Nozzle/Body Assy. (9/64") #9920-018	R2000WF R. 12.5-12.8	-	-	834	869	940	1001	1060
 BRN. WF20 #9878	Dk. Brown #20 #9306-156	R2000LP R. 12.2-12.8	814	873	1016	1062	1144	-	-
	Nozzle/Body Assy. (5/32") #9920-020	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. Review motor/plate/nozzle combinations on page 2.

Male Acme Outlet



1/2" (1.25cm) FNPT or Female Acme Inlet for direct connection to PVC or threaded adapters

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.

WARRANTY AND DISCLAIMER: Nelson R2000WF Rotators are warranted for one year from the date of original sale to be free of defective material and workmanship when used within the working specifications for which the products were designed and under normal use and service. The manufacturer assumes no responsibility for installation, removal or unauthorized repair of defective parts and the manufacturer will not be liable for any crop or other consequential damages resulting from any defects or breach of warranty. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSES AND OF ALL OTHER OBLIGATIONS OR LIABILITIES OF MANUFACTURER. No agent, employee or representative of the manufacturer has authority to waive, alter or add to the provisions of this warranty nor to make any representations or warranty not contained herein. This product may be covered by one or more of the following U.S. Patent Numbers 4796811, RE33823, DE5312865, 5058806, 5372307, 5875815 and other U.S. Patents pending or corresponding issued or pending foreign patents.



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