

R2000 Windfighter



R2000WF-2
U.S. & METRIC



R5
9 - 29 GPH
34 - 110 LPH



R10
.3 - 1.1 GPM
61 - 242 LPH



R10 TURBO
.6 - 2.1 GPM
140 - 469 LPH



R2000
.7 - 3.5 GPM
150 - 792 LPH



R2000WF
1.0 - 5.5 GPM
217 - 1222 LPH

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

 **NELSON IRRIGATION CORPORATION**



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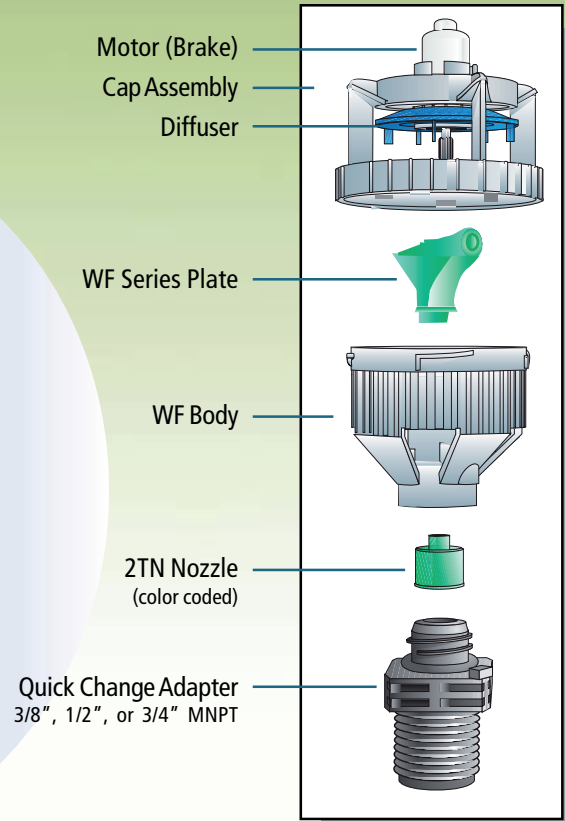
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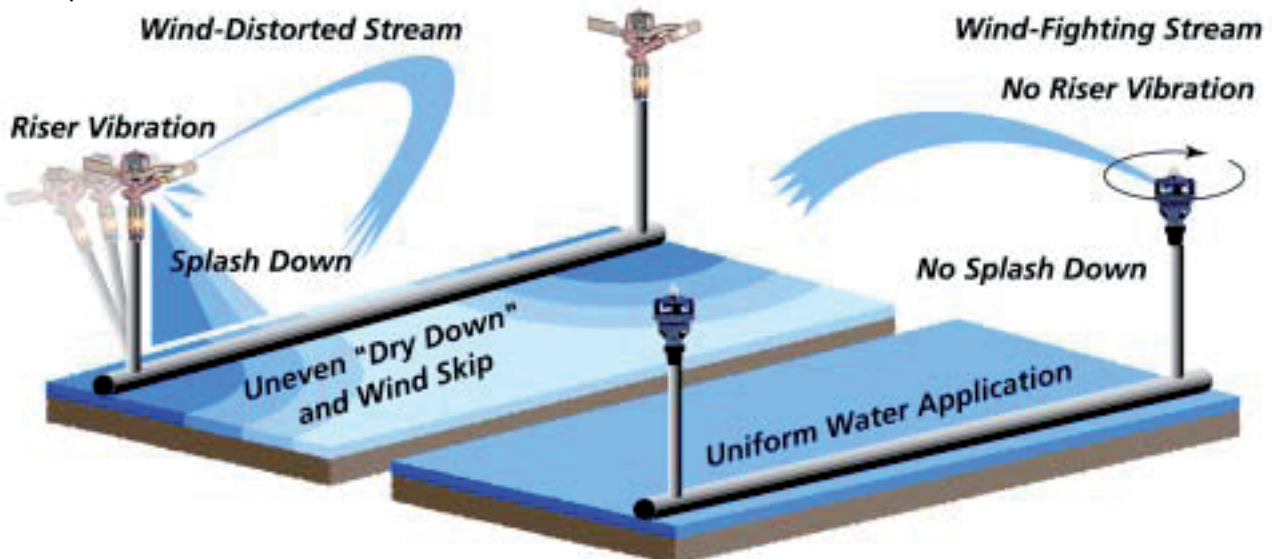
agricultural sprinkler matches the uniform



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



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.



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.

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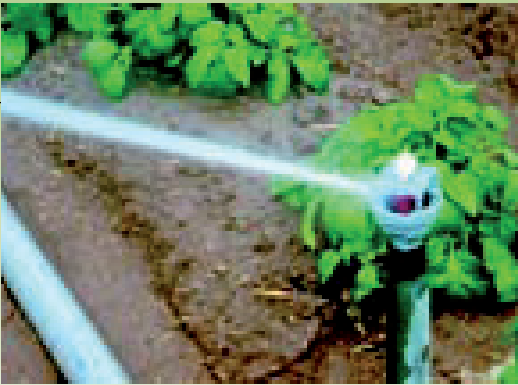
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ty, dependability and durability of the R2000 Windfighter.

HIGH UNIFORMITY IN THE FIELD



Solid Set. Aluminum pipe, PVC, or Polyethylene.

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.



Permanent Set.

Overhead irrigation for cooling.



Wheel Line.



Road Guard.

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

(Seen on a standard R2000.)



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.

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Plate/Nozzle Options and Flow Performance in GPM and LPH

Plate Options*	Recommended Nozzles	PSI								BAR				
		30	35	40	45	50	55	60	2.0	2.5	3.0	3.5	4.0	
Purple WF12  Radius: 34 - 37 Ft (10.4 - 11.3 M)	#10 Blue** 	.97	1.05	1.12	1.19	1.25	1.31	1.37	217	242	266	286	306	
	#11 Orange 	1.17	1.27	1.36	1.45	1.53	1.61	1.68	261	294	323	350	375	
	#12 Purple 	1.39	1.50	1.61	1.70	1.80	1.89	1.98	311	347	380	412	442	
Green WF14  Radius: 39 - 41 Ft (11.9 - 12.5 M)	#13 Yellow (13/128) 	1.64	1.78	1.90	2.02	2.13	2.23	2.34	366	411	451	487	521	
	#14 Green (7/64) 	1.85	2.00	2.15	2.28	2.40	2.53	2.64	413	463	509	550	590	
Red WF16  Radius: 40 - 42 Ft (12.2 - 12.8 M)	#15 Tan (15/128) 	2.17	2.35	2.53	2.67	2.82	2.97	3.11	485	544	597	647	695	
	#16 Red (1/8) 	2.50	2.70	2.89	3.07	3.23	3.40	3.54	559	624	685	739	792	
Gold WF18  Radius: 41-43 Ft (12.5 - 13.1 M)	#18 Gold (9/64) 	3.20	3.44	3.68	3.89	4.11	4.30	4.48	716	795	869	940	1001	
Dark Brown WF20 Call for Availability	#20 Dark Brown*** 	3.90	4.18	4.48	4.76	5.00	5.25	5.47	873	966	1062	1144	1222	

*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. **Always use a purple motor (brake) in combination with a #10 nozzle. ***Always use a gold motor (brake) and brown plate in combination with a #20 nozzle.

Mini Regulator

For systems in which pressure ranges are excessive, the Nelson Mini Regulator provides uniform flow and distribution at each R2000WF. The acme thread outlet directly connects to the R2000WF body. Choose from 40, 45 or 50 PSI (2.8, 3.1 or 3.4 BAR) nominal pressure.

Mini Regulator Drain Check

Eliminate sprinkler drizzle during shut down and start up with the Nelson Mini Regulator. The Mini Regulator Drain Check comes in the same nominal pressures and connections as the Mini Regulator. Use with nozzle size #18 and smaller.



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, DES312865, 5058806, 5372307, 5875815 and other U.S. Patents pending or corresponding issued or pending foreign patents.

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