

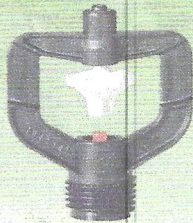
R2000 Windfighter

  
**ROTATOR®**

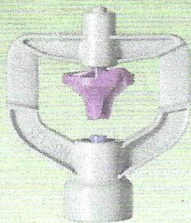
R2000WF-6  
U.S. & METRIC



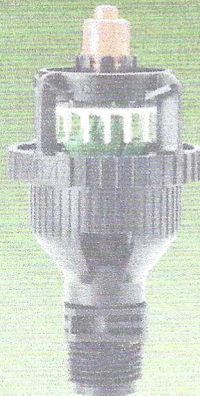
**R5**  
9 - 29 GPH  
34 - 110 LPH



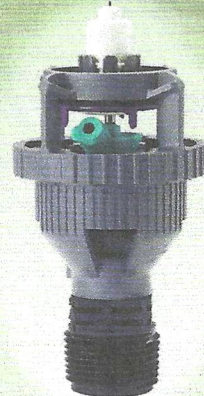
**R10**  
.3 - 1.1 GPM  
61 - 242 LPH



**R10 TURBO**  
.6 - 2.1 GPM  
140 - 469 LPH



**R2000**  
.7 - 3.5 GPM  
150 - 792 LPH



**R2000WF**  
1.1 - 5.7 GPM  
254 - 1295 LPH

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

 **NELSON IRRIGATION CORPORATION**



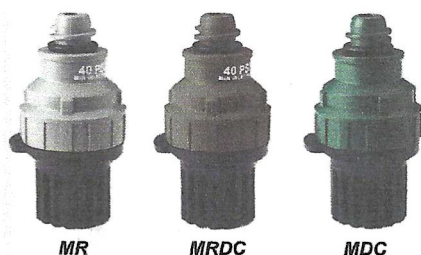


# Plate/Nozzle Options and Flow Performance in GPM and LPH

Plate Options*	Recommended Nozzles		PSI						BAR				
			40	45	50	55	60	65	2.75	3.0	3.5	4.0	4.5
<b>Purple WF12</b>  Radius: 35-39' (10.7-11.9 m)	#10 Blue**		1.12	1.19	1.25	1.31	1.37	1.44	254	266	286	306	320
	#11 Orange		1.36	1.45	1.53	1.61	1.68	1.76	308	323	350	375	401
	#12 Purple		1.61	1.70	1.80	1.89	1.98	2.06	365	380	412	442	469
<b>Green WF14</b>  Radius: 38-40' (11.6-12.2 m)	#13 Yellow (13/128)		1.90	2.02	2.13	2.23	2.34	2.45	431	451	487	521	558
	#14 Green (7/64)		2.15	2.28	2.40	2.53	2.64	2.75	487	509	550	590	626
<b>Red WF16</b>  Radius: 39-41' (11.9-12.5 m)	#15 Tan (15/128)		2.53	2.67	2.82	2.97	3.11	3.24	574	597	647	695	737
	#16 Red (1/8)		2.89	3.07	3.23	3.40	3.54	3.68	655	685	739	792	837
<b>Gold WF18</b>  Radius: 41-42' (12.5-12.8 m)	#18 Gold (9/64)		3.68	3.89	4.11	4.30	4.48	4.66	834	869	940	1001	1060
<b>Dark Brown WF20</b>  Radius: 42-45' (12.8 - 13.7 m)	#20 Dark Brown***		4.48	4.76	5.00	5.25	5.47	5.69	1016	1062	1144	1222	1295

OR APPLICATIONS BETWEEN 25 AND 40 PSI (1.7 AND 2.8 BAR) PLEASE REFER TO THE R2000LP LITERATURE. \*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 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.

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

innovation in irrigation™  
**NELSON**

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# FULL COVERAGE IRRIGATION / ROTATOR® SPRINKLERS

## R2000WF WINDFIGHTER

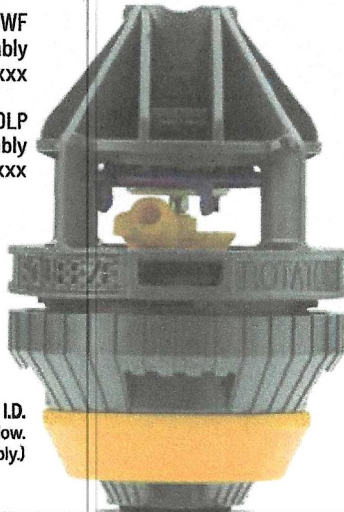
### HOW TO ORDER

Complete R2000WF  
Cap & Body Assembly  
9928-xxxx

Complete R2000LP  
Cap & Body Assembly  
9929-xxxx

(Body 9920)

Optional Color Band for Nozzle I.D.  
See Part Numbers below.  
(No factory assembly)



/OR/



R2000WF  
Cap Assembly  
10299-1xx  
(xx = plate #)

R2000LP  
Cap Assembly  
10299-2xx  
(xx = plate #)

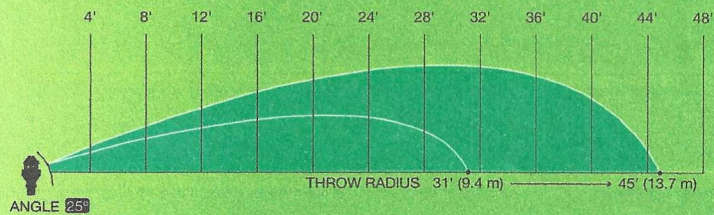
Body & Nozzle  
Assembly  
9920-0xx  
(xx = nozzle #)

1/2" Female Acme Threaded Connection

































### HIGH UNIFORMITY IN REAL WORLD CONDITIONS

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The R2000WF is obsoleting 1/2" brass impacts everywhere. With no riser vibration, better performance, a low cost and less maintenance, the choice is simple.



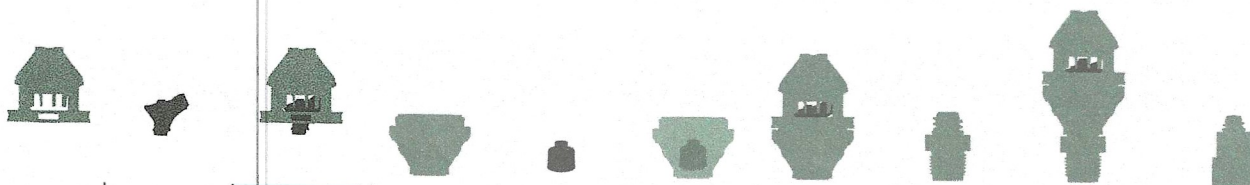
R2000LP now has easy  
to identify green cap.

PLATE		NOZZLES		NOZZLE DIAM. IN INCHES	OPTIONAL COLOR BAND (NOZZLE I.D.)	COMPLETE R2000WF CAP & BODY ASSY	WF MOTOR COLOR	COMPLETE R2000LP CAP & BODY ASSY	LP MOTOR COLOR	FLOW IN GPM / LPH @ 50 PSI / 3.5 BAR
	<b>WF10</b> Blue 12113	 Blue *10	9306-078	5/64	12800-010	9928-1010	 Purple	9929-1010	 Green	1.25 / 286
	<b>WF12</b> Purple 10452	 Orange *11	9306-086	11/128	12800-011	9928-1211	 Ivory	9929-1211	 Green	1.53 / 350
		 Purple *12	9306-094	3/32	12800-012	9928-1212	9928-1212	 Ivory	9929-1212	 Green
	<b>WF14</b> Green 9877	 Yellow *13	9306-102	13/128	12800-013	9928-1413	 Ivory	9929-1413	 Purple	2.13 / 487
		 Green *14	9306-109	7/64	12800-014	9928-1414	9928-1414	 Ivory	9929-1414	 Purple
	<b>WF16</b> Red 9931	 Tan *15	9306-117	15/128	12800-015	9928-1615	 Ivory	9929-1615	 Purple	2.82 / 647
		 Red *16	9306-125	1/8	12800-016	9928-1616	9928-1616	 Ivory	9929-1616	 Purple
	<b>WF18</b> Yellow 9870	 Gold *18	9306-141	9/64	12800-018	9928-1818	 Ivory	9929-1818	 Purple	4.11 / 940
	<b>WF20</b> Brown 9878	 Brown *20	9306-156	5/32	12800-020	9928-2020	 Ivory	9929-2020	 Purple	5.0 / 1144



# R2000WF

## ROTATOR® SPRINKLERS



DESCRIPTION	Cap Assembly — Less Plate	Plates	Cap Assembly & Plate (Assembled)	WF Body (Female Acme Thread)	2TN Nozzle (Nozzle options #10 to #20)	WF Body & 2TN Nozzle (Assembled)	*Total with 2TN Nozzle	Adapter (Male Acme x 3/8", 1/2" or 3/4" MNPT)	*Total with 2TN Nozzle & Threaded Adapter	PVC Adapter (Male Acme x 1/2", 3/4" or 25mm Slip)
BOX	12x12x11"	12x12x11"	12x12x11"	12x12x10"	12x12x5"	12x12x11"	12x12x11"	13x13x17"		13x13x17"
QTY/BOX	125	500	125	250	1200	250	100	2500/2000/1500		950/700
LBS/BOX	8	3	9	14	4	14	14	39/40/44		36/32



### R2000/WF COLOR BAND FOR QUICK NOZZLE IDENTIFICATION

See Part Numbers on Page 44.  
No factory assembly.

### STAKE AND TUBE OPTIONS FOR ANY APPLICATION. SEE PAGE 39.



FT4; 3/4 PVC-10, FT5

## ACCESSORIES

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DESCRIPTION	PC-R2000WF/LP		FLUSH TOOL	NEW STYLE ROAD GUARD	NEW STYLE MOTOR REMOVAL TOOL	CAP REMOVAL TOOL
PART NO.	10242-xxxx	11296-xxxx	9210	12213-001	12215	10689
	(i.e. R2000WF WF12 #11 is 10242-1211)	(i.e. R2000LP WF12 #11 is 11296-1211)	Used to allow cleaning and flushing of the sprinkler without shutting the system down.	Snap on new style R2000(WF) to convert to part-circle operation (irrigates 190"). See page 41 for Legacy Road Guards.	Removes the motor from the R2000(WF).	Easily removes the cap assembly on the R2000(WF).



DESCRIPTION	2TN NOZZLE REMOVAL TOOL	Male Acme X PVC Socket Adapter	Male Acme X MNPT Adapter	Threaded Cap for Acme Adapter	Female Acme X 1/2" PVC Spigot	Pressure Gauge Tap Kit
PART NO.	12260			10615	10352	10366-001 0-60 PSI 10366-002 0-100 PSI 10366-003 0-160 PSI
	Easily removes the nozzle from R2000(WF).	1/2" - 10060-001 3/4" - 10060-002 25 mm - 10060-003	3/8" - 9465 1/2" - 9316-002 3/4" - 9466	Connects to Acme thread and acts as a shut-off cap.	Enables easy attachment to a PVC riser.	10367 Kit without gauge