



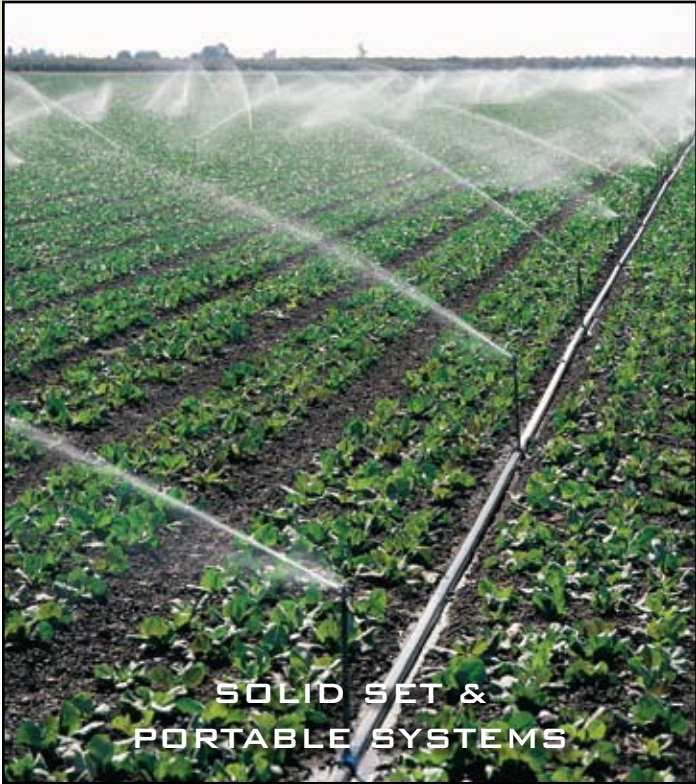
R2000LP  
U.S. & METRIC

The R2000LP is an R2000WF that is configured for use with lower pressures. The recommended operating pressure is 25-50 psi (1.75-3.5 bar). Operating pressure for the R2000WF is 40-65 psi (2.75-4.5 bar). The R2000LP has faster rotation speeds and more diffusion than an R2000WF.

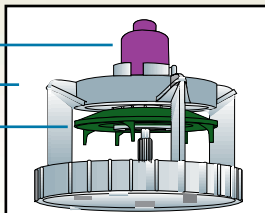


LOW PRESSURE  
OPTIONS

**R2000LP**  
**0.88 - 5.0 GPM**  
**201 - 1144 LPH**



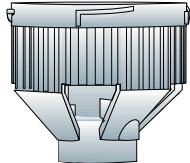
Motor (Brake)  
Cap Assembly  
Diffuser



WF Series Plate



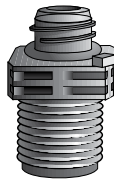
WF Body



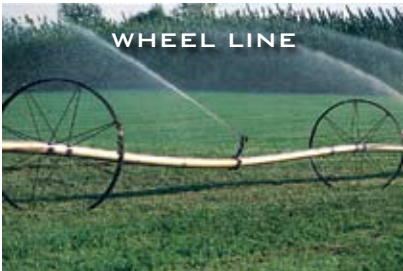
2TN Nozzle  
(color coded)



Quick Change Adapter  
3/8", 1/2", or 3/4" MNPT



The Nelson Flush Tool can be used to disconnect and reconnect the sprinkler for nozzle cleaning while under pressure without getting the irrigator soaked. In addition, the top of the flush tool will disengage the Rotator<sup>®</sup> motor from the cap for changing or replacing the diffuser, cap or motor.



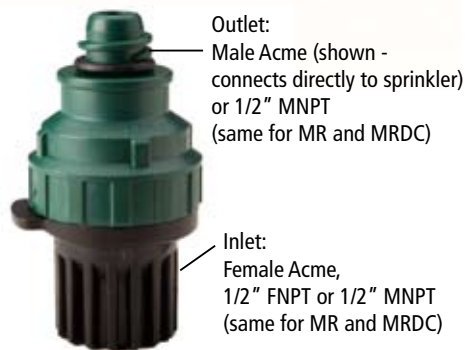
Road Guard



# R2000LP Plate/Nozzle Options and Flow Performance in GPM and LPH

Plate Options	Recommended Nozzles	PSI						BAR					
		25	30	35	40	45	50	1.75	2	2.5	3	3.5	
<b>GREEN MOTOR</b> <b>Purple WF12</b>  Radius: 31 - 35 Ft (9.4 - 10.7 M)	#10 Blue*		0.88	0.97	1.05	1.12	1.19	1.25	201	217	242	266	286
	#11 Orange*		1.07	1.17	1.27	1.36	1.45	1.53	245	261	294	323	350
	#12 Purple*		1.27	1.39	1.50	1.61	1.70	1.80	290	311	347	380	412
<b>PURPLE MOTOR</b> <b>Green WF14</b>  Radius: 33 - 37 Ft (10.1 - 11.3 M)	#13 Yellow (13/128)**		1.50	1.64	1.78	1.90	2.02	2.13	343	366	411	451	487
	#14 Green (7/64)**		1.70	1.85	2.00	2.15	2.28	2.40	389	413	463	509	550
	#15 Tan (15/128)**		1.98	2.17	2.35	2.53	2.67	2.82	453	485	544	597	647
		#16 Red (1/8)**		2.28	2.50	2.70	2.89	3.07	3.23	522	559	624	685
	#18 Gold (9/64)**		2.92	3.20	3.44	3.68	3.89	4.11	668	716	795	869	940
#20 Dark Brown**		3.56	3.90	4.18	4.48	4.76	5.00	814	873	966	1062	1144	

All plate options for the R2000LP 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 green motor (brake) with nozzle sizes #10, #11 and #12. \*\*Always use a purple motor (brake) in combination with nozzle sizes #13, #14, #15, #16, #18 and #20.



**Mini Drain Check (MDC)**  
**Low Check** — 40 Ft. (12 M) of check head  
**Medium Check** — 75 Ft. (23 M) of check head

The Mini Drain Check (MDC) is a check valve only. It opens once the inlet pressure reaches the nominal check pressure. This option is ideal when flow control nozzles are used, or when there is uncertainty as to the consistency of inlet pressures.



**Mini Regulator (MR)**  
 30, 35, 40, 45 or 50 PSI  
 (2.1, 2.4, 2.8, 3.1 or 3.4 BAR)

The Mini Regulator (MR) is a pressure regulator only. It is a normally open device that reduces higher inlet pressures down to its nominal pressure.



**Mini Regulator Drain Check (MRDC)**  
 30, 35, 40, 45 or 50 PSI  
 (2.1, 2.4, 2.8, 3.1 or 3.4 BAR)

The Mini Regulator Drain Check (MRDC) is a combination regulator and check valve. It is the ideal option when a check feature is required and the required minimum inlet pressure is certain to be available in the system. Pressure regulation enables the highest potential Distribution Uniformity because it delivers consistent spray patterns, and equal emission rates at each sprinkling device. Use with nozzle size #18 and smaller.

**WARRANTY AND DISCLAIMER:** Nelson R2000LP 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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