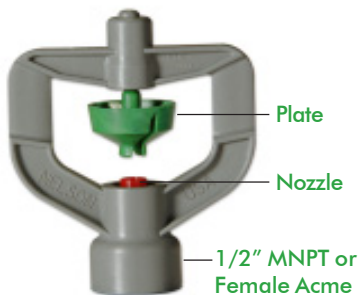


R10TG ROTATOR™



The **R10TG** is a **Rotator™** for irrigation in greenhouses and shade houses. The Rotator™ uses the same unique, patented drive principles and simplicity of design as our other Rotator™ models.



- Durable and Reliable
- High Uniformity
- Low and High-flow Capacity
- Easy-clean, Quick-change Nozzles

ACME CONNECTION OPTIONS:

- PVC Adapter
- Threaded Adapter



PVC ADAPTER

Male Acme x PVC Slip
 #10060-001 1/2"
 #10060-002 3/4"



THREADED ADAPTER

Male Acme x MNPT
 #9465 3/8"
 #9316 1/2"
 #9466 3/4"

THREE PLATE OPTIONS:

The R10TG plate options provide flexibility to mount overhead or on the ground. See the back side for performance details.

MINI REGULATOR DRAIN CHECK OPTION (MRDC)

- A regulator and a check valve* combination
- Check feature with low pressure loss
- Solves erosion, dripping and drainage problems
- Improves uniformity and saves water
- Pressure Options: 20, 30, 35, 40, 45 & 50 PSI



1/2" FNPT or Female Acme









*Call factory for opening and closing pressures.

Color	Trajectory	Use
 Black	 High	Upright
 Green	 Low	Upright or Inverted
 Gray	 Flat	Inverted

DISTRIBUTION UNIFORMITY LIMITATION: The R10TG Rotator divides a small stream into two separate streams, which may result in more water distributed on one side of the R10TG Rotator than on the other. To compensate for this random effect and gain the best uniformity, limit the distance between the sprinklers to 50% of the throw radius.

FLOW IN GPM

PSI at Nozzle

Nozzle Size	Nozzle Color	25	30	35	40	45	50
#12 (3/32")	Purple 	1.27	1.39	1.50	1.61	1.70	1.80
#13	Yellow 	1.50	1.64	1.78	1.90	2.02	2.13
#14 (7/64")	Green 	1.70	1.85	2.00	2.15	2.28	2.40
#15	Tan 	1.98	2.17	2.35	2.53	2.67	2.82
#16 (1/8")	Red 	2.28	2.50	2.70	2.89	3.07	3.23
#17	Turquoise 	2.62	2.87	3.08	3.28	3.48	3.66
#18 (9/64")	Gold 	2.92	3.20	3.44	3.68	3.89	4.11
* #20 (5/32")	Brown 	3.56	3.90	4.18	4.48	4.76	5.00









*Not recommended with Green and Black Plates.

RADIUS IN FEET

Plate	Upright Mount (24" above crop)	Inverted Mount (60" above crop)
High Angle — Black	26 to 29 Feet	N/A
Low Angle — Green	21 to 24 Feet	15 to 18 Feet
Flat Trajectory — Gray	N/A	21 to 24 Feet

FLOW IN LPH

Bar at Nozzle

Size	Color	2	2.5	3	3.5
#12	Purple 	311	347	380	412
#13	Yellow 	366	411	451	487
#14	Green 	413	463	509	550
#15	Tan 	485	544	597	647
#16	Red 	482	624	685	739
#17	Turquoise 	554	711	777	837
#18	Gold 	617	795	869	940
* #20	Brown 	873	966	1062	1144

*Not recommended with Green and Black Plates.

RADIUS IN METERS

Plate	Upright Mount (61 cm above crop)	Inverted Mount (162 cm above crop)
High Angle — Black	7.9 to 8.8 Meters	NA
Low Angle — Green	6.4 to 7.3 Meters	4.6 to 5.5 Meters
Flat Trajectory — Gray	N/A	6.4 to 7.3 Meters

WARRANTY AND DISCLAIMER: Nelson R10TG Rotators are warranted for one year from date of original sale to be free of defective materials 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. The manufacturer's liability under this warranty is limited solely to replacement or repair of defective parts and the manufacturer will not be liable for any crop or other consequential damages resulting from 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. The Mini Regulator Drain Check is covered by the following U.S. Patents: 5875815, 5257646, and other pending US and Foreign Patents.