



Rodney Industries

2025



RI 10

TRAVELLING IRRIGATORS

**MACHINE DETAILS &
PERFORMANCE DATA**



RI 10

RI RANGE

Rotor Drive Travelling Irrigator



OPERATING PRESSURE

275 - 345
kPa



FLOW RATE

.73 - 1.4
L/S



WETTED WIDTH

32 - 40
Mtrs



TRAVEL DISTANCE PER RUN

100
Mtrs

STANDARD EQUIPMENT

- Water-jet powered rotary driving arms acting through high quality worm reduction drive to cable winch.
- Heavy duty welded steel chassis all hot dip galvanized.

Basic Irrigator

Code

Without Hose Kit & Sprinkler

RI010

Complete Irrigator

Code

1" x 55m Hose Kit
Hose connection to irrigator end only
Nelson F70 Sprinkler with 5.6mm Nozzle

RI010K

Nozzle Options

Code

5.6mm

7RN732

6.4mm

7RN14

7.2mm

7RN932

8.0mm

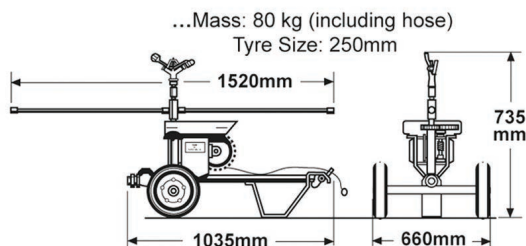
7RN516

Seal Kits

Code

Seal Kit to Suit RI10 & RI20

TCAKIT



FREIGHT INFORMATION

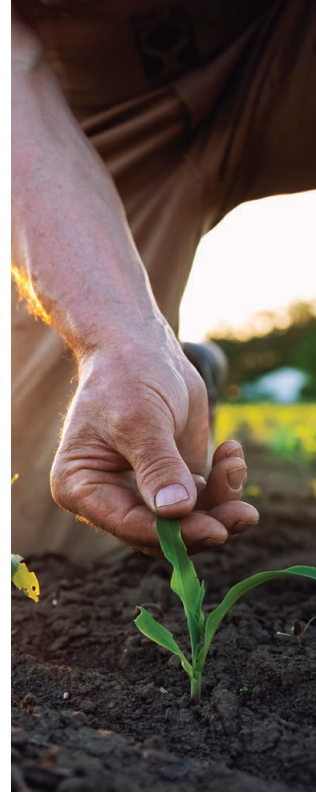


The RI 10 is despatched on a skid and requires a forklift for loading and unloading.

RI 10

PERFORMANCE SPECIFICATIONS

Sprinkler and Hose	Nozzle Diam. Mm (ins)	Sprinkler Pressure kPa (psi)	Flow Rate l/sec (gpm)	Friction Loss in Hose kPa (psi)	Sprinkler Wetted Width m (ft)	Average Application Rate/hr mm (points)	Depth of water Applied Per Run @ Travel Speed mm (inches)
 Nelson F70V Sprinkler 55m x 25mm Hose	5.6 (7/32)	275 (40)	0.73 (9.7)	55 (8.0)	32 (106)	3.7 (14.5)	11.7 (0.46) @ 7m/hr
		345 (50)	0.81 (10.6)	69 (10.0)	34 (110)	3.7 (14.7)	12.4 (0.49) @ 7m/hr
	6.4 (1/4)	275 (40)	0.90 (11.9)	90 (13.0)	33 (109)	4.3 (16.8)	14.0 (0.55) @ 7m/hr
		345 (50)	0.99 (13.1)	112 (16.2)	35 (114)	4.3 (16.9)	14.7 (0.58) @ 7m/hr
	7.2 (9/32)	275 (40)	1.08 (14.3)	135 (19.6)	34 (112)	4.9 (19.2)	16.3 (0.64) @ 7m/hr
		345 (50)	1.19 (15.7)	161 (23.4)	36 (119)	4.7 (18.6)	16.8 (0.66) @ 7m/hr
	8.0 (5/16)	275 (40)	1.30 (17.7)	165 (24.0)	38 (124)	5.5 (21.8)	18.0 (0.70) @ 7m/hr
		345 (50)	1.40 (19.7)	195 (28.3)	40 (131)	5.7 (22.8)	18.5 (0.72) @ 7m/hr





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