

Solenoid valves RN 155 PLUS

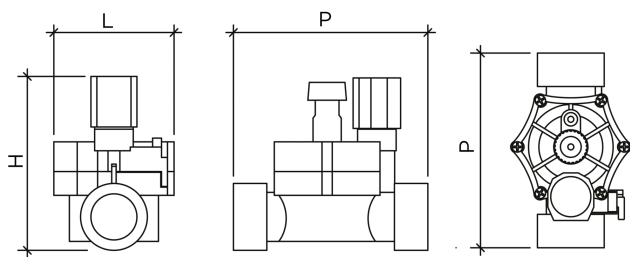


The RN 155 solenoid valve is the ideal solution for residential and commercial irrigation with flow rates from 30 l/min to 90 l/min. Available in different configurations of diameters (3/4" to 1") and voltage (24 Vac and 9 Vdc). The presence of the ferrule of the patented Manifold system allows significant time savings during installation, but more importantly it allows the solenoid valve to be replaced in a matter of seconds, directly from inside the valve box and without the use of tools.

Technical Features

- Threads available: 3/4" M, 1" F, 1" M, 1" MxU
- Solenoid type: 24 Vac - normally closed, 9 Vdc - latching
- Minimum pressure: 1 bar
- Maximum pressure: 12 bar
- Minimum operating flow rate: 30 l/min
- Maximum operating flow rate: 150 l/min
- Minimum operating temperature: 4°C
- Maximum operating temperature: 70°C
- Diaphragm type: In co-molded parts
- Manufacturing material: Glass fiber PA 6 30%
- Manual opening
- Solenoid inrush absorption 24 Vac: 0,43 A
- Absorption at solenoid maintenance 24 Vac: 0,21 A
- Optional pressure regulator (PR)

Codice	Name	Model
100.1580911	RN 155 PLUS	24VAC - 1"F
100.1560711	RN 155 PLUS	24VAC - 3/4"M
100.1560911	RN 155 PLUS	24VAC - 1"M
100.1560916	RN 155 PLUS	24VAC - 1" MxUN
100.1588911	RN 155 PLUS	24VAC - 1"F - PR
164.1560711	RN 155 PLUS	9VDC - 3/4"M
164.1560911	RN 155 PLUS	9VDC - 1"M
164.1580911	RN 155 PLUS	9VDC - 1"F
164.1560916	RN 155 PLUS	9VDC - 1"MxUN
164.1588911	RN 155 PLUS	9VDC - 1"F - PR



Modello	H	P	L
3/4"M	11.5 cm	13.1 cm	8.1 cm
1"M	11.5 cm	13.1 cm	8.1 cm
1"F	11.5 cm	13.1 cm	8.1 cm
1"MxUN	11.5 cm	13.9 cm	8.1 cm

Load Loss Table

l/min	15 l/min	30 l/min	45 l/min	60 l/min	75 l/min	90 l/min	105 l/min	120 l/min	135 l/min	150 l/min
3/4"M	0.49 bar	0.54 bar	0.55 bar	0.58 bar	0.68 bar	0.75 bar	1.02 bar	1.33 bar	1.52 bar	1.91 bar
1"F	0.35 bar	0.38 bar	0.42 bar	0.44 bar	0.46 bar	0.46 bar	0.48 bar	0.59 bar	0.72 bar	0.86 bar
1"M	0.33 bar	0.37 bar	0.37 bar	0.39 bar	0.41 bar	0.43 bar	0.47 bar	0.67 bar	0.77 bar	0.95 bar
1"MxUN	0.35 bar	0.38 bar	0.38 bar	0.39 bar	0.43 bar	0.45 bar	0.52 bar	0.71 bar	0.88 bar	1.08 bar



Solenoid 9 Vdc

Battery-operated controllers control 9Vdc latching solenoids. The control unit will send an electrical signal at the start of irrigation to open the solenoid valve and a signal at the end of irrigation to close the solenoid valve.



Solenoid 24 Vac

The controllers control 24 Vac normally closed solenoids. The control unit will supply the solenoid with a 24 Vac electrical signal for the entire irrigation time to open the electrovalve.



Manifold system

The patented Rain Manifold System allows easy installation of solenoid valves and during valve box maintenance allows quick removal of the solenoid valve.