

MV100 - Solenoid Valve

Solenoid control valve with high flow and low pressure loss for use in drip, spray, and pop up sprinkler watering systems. Valve has been designed to utilise a minimum number of internal parts to ensure reliability and cost effectiveness.

FEATURES

Body material natural Nylon 66 30% glass filled
Solenoid outer casing natural Nylon 66 30% glass filled
Stainless steel plunger with natural Nitrile elastomer tip
Natural Nitrile elastomer diaphragm
Flow control
Internal manual bleed
Female inlet / outlet bsp threads to AS1722
WATERMARK approval ATS 5200.030-2004.
(Plumbing & drainage products - Solenoid valves)

ELECTRICS

Solenoid encapsulant Nylon 66 (30%) Glass filled
Magnetic stainless steel grade plunger
Natural Nitrile elastomer plunger tip
Stainless steel 302 plunger spring
Voltage 24Vac 50Hz
Voltage tolerance +10% or -10%
Power consumption 4.5 VA
Inrush current 400mA, Holding current 200mA
Electrical connections to field wires are made via the two flying leads protruding from valve using King One Step Dry Conn model 61135, 61235 or similar



MV100

OPERATION

The valve will operate correctly with in the following conditions
Ambient temperature 2° C to 60° C
Relative Humidity 0% to 100%
Temperature of water 2° C to 40° C
Direction of flow markings on body (check before installing)
Flow range 5lpm to 100lpm
Minimum operating pressure 70kpa
Maximum operating pressure 1250kpa
Supply pipe velocity range 1.2 m/s to 6.5 m/s
For best performance valve should be installed in horizontal position with solenoid in an upright position.

Built to Watermark standard allowing valve to be used as MASTER VALVE in WA domestic home watering systems (check local guides other states)

MODELS	CODE
25mm male female thread inlet / outlet, with flow control and 24vac solenoid	MV100

PERTH

PH: 08 9455 1677
FAX: 08 9455 1680
hrproducts@bigpond.com.au

SYDNEY

PH: 02 9725 5733
FAX: 02 725 5283
nsw_hrproducts@bigpond.com

MELBOURNE

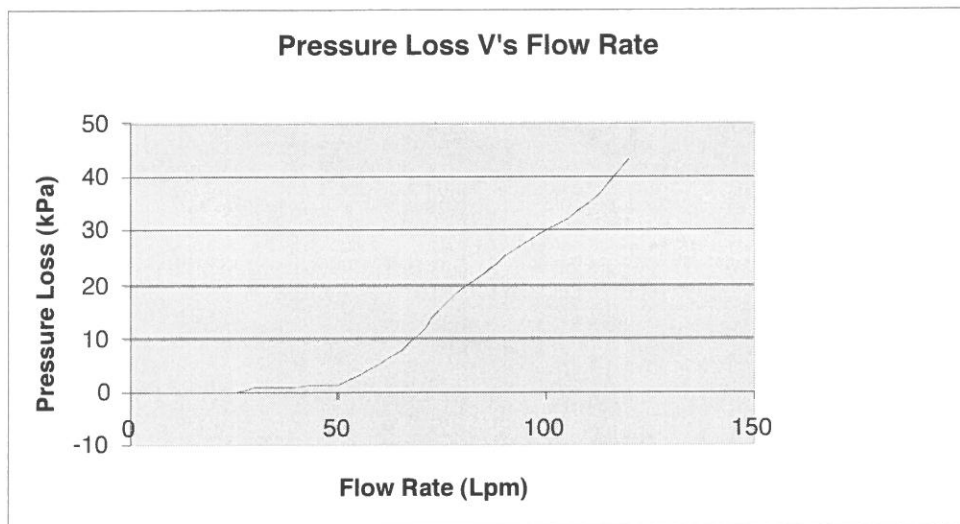
PH: 03 9457 7500
FAX: 03 9457 7400
vic_hrproducts@bigpond.com

BRISBANE

PH: 07 3290 1200
FAX: 07 3808 4997
qld_hrproducts@bigpond.com

ADELAIDE

PH: 08 8341 0008
FAX: 08 8341 0707
sa_hrproducts@bigpond.com



PERTH

PH: 08 9455 1677
FAX: 08 9455 1680
hrproducts@bigpond.com.au

SYDNEY

PH: 02 9725 5733
FAX: 02 725 5283
nsw_hrproducts@bigpond.com

MELBOURNE

PH: 03 9457 7500
FAX: 03 9457 7400
vic_hrproducts@bigpond.com

BRISBANE

PH: 07 3290 1200
FAX: 07 3808 4997
qld_hrproducts@bigpond.com

ADELAIDE

PH: 08 8341 0008
FAX: 08 8341 0707
sa_hrproducts@bigpond.com

www.hrproducts.com.au