

HYDRO RAIN - ONE PIECE IRRIGATION VALVE

HRZ 100 stands in the market as the industry's first "one piece" low-flow irrigation station valve, filter, and pressure regulator combination. Designed for use in residential and commercial drip or micro watering systems.

FEATURES

- One-piece construction—Combines a low-flow irrigation valve, a 200 mesh filter, and a pressure regulator.
- Accessibility—"Jar-Top" valve and filter are easily maintained; no tools are required for service with no valve bonnet screws or bolts.
- Internal manual bleed—Operate HRZ 100 manually with no external bleed stream or use external bleed option for effective "blow out" during seasonal system shut-down.
- Compact—HRZ 100 is easily contained in a 150mm round valve box.
- 25mm Low-flow valve—HRZ 100 operates efficiently from 0.4 to 18.9 LPM.
- Water management—Features pressure regulation at 206 kPa.
- Filtration—Removable 200 mesh filter with top-loaded service cap makes flushing fast and simple.
- Stainless steel metering—Design ensures optimal diaphragm performance.
- Durable—Glass-filled nylon construction for years of reliable operation.



SPECIFICATION

- Flow: 0,4 to 18,9 LPM
- Inlet Pressure: 140 - 830 kPa
- Regulated Pressure: 206 kPa
- Filtration: 200 mesh filter
- Dimensions:
 - Height 139mm
 - Length 238mm
 - Width 76mm

ELECTRICAL SPECIFICATION

- 24 VAC 50 HZ (Cycles/Sec) Solenoid
- Inrush Current: .40 A
- Holding Current: .20 A
- Coil Resistance: 42–55 OHMS



Flow Chart

Inlet Pressure kPa	Flow LPM
210	0.8
220	3.8
240	7.6
280	11.3
320	15.1
360	18.9

MODELS	CODE
25mm 24vac solenoid valve with pressure regulator and filter	HRZ100MB-30

PERTH

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