

# Product Specification

## HR Valves

### Application:

Designed for use in all irrigation systems, turf, landscape and agricultural watering projects.

### Features:

- Globe and Angle configuration for flexibility in design and installation for 40 and 50mm valves.
- Rugged PVC construction to withstand constant 1033kPa pressure and 19 – 378 LPM.
- Slow closing to prevent water hammer.
- Internal Manual bleed.
- Flow control.
- Accepts latching solenoid for use with battery operated controllers (model: DC/LC E2002).

### Operating Range:

- Pressure: 100 – 1034 kPa.
- Flow: 19 – 378 LPM.



### Specifications:

- 24VAC cycle solenoid power requirement: 0.41 A inrush current, 0.23 A holding current.
- Ribbed, heavy duty PVC construction for UV resistance and corrosion protection.
- Durable heavy duty moulded diaphragm.

Flow LPM	HR Series Valve Pressure Loss (kPa) Globe					
	HR25	HR25FC	HR40FC Globe	HR40FC Angle	HR50FC Globe	HR50FC Angle
19	13.78	13.78	–	–	–	–
38	13.78	13.78	–	–	–	–
57	13.78	13.78	–	–	–	–
76	20.67	20.67	–	–	–	–
95	34.45	34.45	6.89	6.89	6.89	6.89
114	–	–	6.89	6.89	6.89	6.89
133	–	–	6.89	6.89	6.89	6.89
152	–	–	13.78	6.89	6.89	6.89
170	–	–	20.67	10.33	6.89	6.89
190	–	–	20.67	10.33	6.89	6.89
227	–	–	–	–	10.33	6.89
265	–	–	–	–	13.78	6.89
303	–	–	–	–	17.22	10.33
340	–	–	–	–	20.67	13.78
378	–	–	–	–	20.56	17.22

Not recommended operating range, velocity above 3m/second

Description	Code
HR 25mm Solenoid Valve slip port	HR25S
HR 25mm Solenoid Valve BSP port	HR25T
HR 25mm Solenoid Valve with flow control	HR25FC
HR 40mm Solenoid Valve with flow control	HR40FC
HR 50mm Solenoid Valve with flow control	HR50FC

**E-MAIL**  
hrproducts@bigpond.com

**WEB SITE**  
www.hrproducts.com.au

**PERTH**  
207 BANNISTER ROAD  
CANNING VALE  
WESTERN AUSTRALIA 6155  
PHONE: (08) 9455 1677  
TOLL FREE: 1 800 998 037

**ADELAIDE**  
Cnr WILSON ST & FREDERICK RD  
ROYAL PARK  
SOUTH AUSTRALIA 5014  
PHONE: (08) 8341 0008  
TOLL FREE: 1 800 888 125

**BRISBANE**  
14-16 TOLMER PLACE  
SPRINGWOOD  
QUEENSLAND 4127  
PHONE: (07) 3290 1200  
TOLL FREE: 1 800 777 325

**SYDNEY**  
11-13 SAMMUT STREET  
SMITHFIELD  
NSW 2164  
PHONE: (02) 9725 5733  
TOLL FREE: 1 800 251 945

**MELBOURNE**  
Cnr Waterdale Rd & Vernon Ave  
HEIDELBERG HEIGHTS  
VICTORIA 3081  
PHONE: (03) 9457 7500  
TOLL FREE: 1 800 331 168

**MACKAY**  
MOBILE: 0418 742 144

**COBRAM**  
MOBILE: 0417 054 475

**NEWCASTLE**  
MOBILE: 0418 292 769

**DUBBO**  
MOBILE: 0409 489 092