

Pentair 50 mm 3-Way Valve – Technical Datasheet

Function

3-way diverter valve designed for flow diverting, shut-off, and mixing in pool and spa systems.

Construction & Materials

- PVC / CPVC body
- Fibreglass-reinforced handle
- Chemical-resistant for pool environments

Performance

- High flow rate, low restriction design
- Pressure rating up to ~150 psi (≈ 1 MPa)
- Suitable for continuous operation

Sealing & Maintenance

- Lube-free operation
- PTFE (Teflon) coated diverter seal
- Maintenance-free sealing system
- Positive shut-off sealing

Installation & Compatibility

- Designed for 50 mm PVC pipe systems
- Inlet can be configured on any port
- Field-adjustable stop positions
- Compatible with automation actuators

Design Advantages

- Easy installation and operation
- Long service life
- Suitable for manual or automated control systems