

MODULAR MANIFOLDS WATER DISTRIBUTION SYSTEM

16 Bar pressure rating



The cost effective Talbot Stopvalve Manifold System is used to divide a water service pipe into virtually any number of outlets, each outlet having its own shut-off device and the option for individual metering facilities.

The system can be used in crowded areas for multiple-dwelling developments and its modular construction provides a wide range of installation options. The Talbot Stopvalve Manifold System is a purpose designed unit which gives maximum benefit to both the installer and operator.

Feature	Specification
Shut Off Device	Non Raising Spindle
Non Return Valve	In accordance with BS EN 13959: 2004 Family E Type B.
Manifold	Plastic (Acetal Co-Polymer)
Meter Connection	1½" BSP concentric meter to BS EN ISO 4064; Q3 4.0 (Qn 2.5)
Inlet	63mm or 50mm Pushfit or 2" Female BSP
Outlet	25mm Pushfit for PE pipe in accordance with WIS 4-32-11
Blank Plugs	Full Flow (standard), Trickle Flow (optional), No Flow (optional). 27/28 mm tapered A/F hexagonal upstand
Product Weight (approx)	4 port: 2.8kg, 6 port: 3.4kg
Tools	BOP77011-28: 28mm socket for meter plug & NRV BOP77008: Short T bar 400mm long BOP77009: T bar extension 500mm long

The technical data and performance may be modified without prior notice depending on the technical advances.

MODULAR MANIFOLDS MULTI METERS

General application

The Talbot Modular Manifold system divides a single inlet of either 50mm or 63mm Talbot Pushfit for PE or female thread connection into virtually any number of outlets required depending on site conditions and water pressure.

The shut off device is a multi-turn stopvalve and has a removable key with torque overload protection.

The outlets are of either 20mm or 25mm Talbot Pushfit or 3/4" female threaded connections. The Talbot Pushfit connection uses a common body and only two sets of interchangeable components to connect to metric PE pipes and their imperial equivalents.

Safety

As with all industrial products it is important to take adequate safety precautions such as the use of adequate protective clothing like gloves, overalls, eye protection and safety footwear during installation, use and maintenance with this product.



Technical data

Pressures	Working	Test
Water:	16 bar	24 bar

Temperature: Up to 40°C

Temperature increases may affect the installed life of the product. For further information relating to operating temperatures/pressure please contact Atplas.

Material: Manifold
 Body: Acetal
 End Cap: Acetal
 Stopvalve Rotor/Plunger: Polypropylene
 Stopvalve Cap: Acetal
 Stopvalve Key: Polypropylene
 'O' Ring seals: EPDM Rubber
 Stopvalve Seat Washer: EP Rubber to BS 3457

Material: Meter Mount
 Meter Mount Body: Acetal
 Meter Locking Ring: Acetal
 Blanking Plugs: Acetal
 Meter Mounting Thread: Acetal
 Connecting Bushes: Acetal
 Seals in contact with Water: EPDM Rubber
 Other Seals: EPDM, Nitrile Rubber or Thermoplastic Elastomer

Please note that meters are not supplied with the manifold system.

How to order

The Talbot Stopvalve Manifold System can be supplied in almost any configuration so when ordering the following should be considered:

- The size and type of inlet required (2"/63mm Talbot Pushfit or 2" Female)
- The number of outlets required
- The size and type of outlet required (3/4"/25mm Talbot Pushfit or 3/4" Female)
- Whether meters are to be used and if so what type (Concentric or In-line)
- If Concentric meters are to be used which meter unit blanking plug is needed (Full, Trickle or No Flow.)