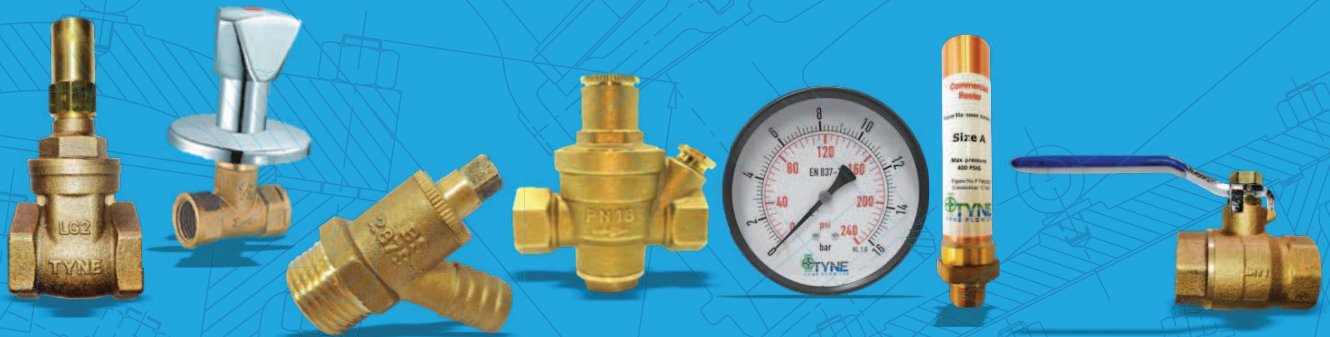




PLUMBING VALVES

PCAT-TFL-1601

www.tyneflow.co.uk



ABOUT THE COMPANY

TYNE FLOW is a leading British manufacturing company established in the West Midlands to meet the growing demand for quality valves and couplers in local and global construction industry.

TYNE FLOW emphasis on quality, reliability, and is the right choice for contractors who consider engineered solutions for fluid network control and fire protection systems. Tyne has designed and developed products to meet the highest expectations of its customers, both domestic and internationally.

Tyne is committed to continually raise the benchmark for innovative design and quality through international accreditations under ISO 9001, ISO 14001 for manufacturing and WRAS, UL & FM recognition for fire product compliance. Our extensive range of valves and couplers strictly comply with European and American standards.

Tyne Flow has a dedicated technical and distribution network to meet local sales and stock requirements for our customers throughout the region we serve.



OUR OTHER PRODUCT RANGES

HVAC Valves

Balancing and Control Valves

Water Works

Fire Solution

Gate Valve	01	PRESSURE REDUCING VALVE	05
Bronze Gate Valve Non Rising Stem		Bronze/Brass Pressure Reducing Valve	
Bronze Gate Valve Rising Stem		DZR Brass Pressure Reducing Valves	
Bronze Gate Valve with lock Shield Non Rising Stem		DRZ Brass PRV - (Compact Type)	
DZR Brass Gate Valve Non Rising Stem			
Ball Valve	02	FLEXIBLE CONNECTOR METAL	05
Bronze Ball Valve (Threaded)		Metal SS Flexible Connector	
DZR Ball Valve (Threaded)			
Globe Valve	02	FLOAT VALVE	06
Bronze Globe Valve Non Rising Stem		Bronze Float Valve	
DZR Brass Globe Valve Non Rising Stem		DRZ Brass Foot Valve	
Check Valve	03	RUBBER FLEXIBLE CONNECTOR	06
Bronze Swing Check Valve		Twin Sphere Rubber Flexible Connector	
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Bronze Lift Check Valve Silent Type			
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Draining Tap	04	ANGLE VALVE	07
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Y-type Strainer	04	STOP VALVE	07
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Bronze Gate Valve Non Rising Stem

Model	11201 - PN20
	111251 - Class 125
	111501 - Class 150
Description: - Size : DN15 to DN50 - Pressure rating : PN20, Class 125, and Class 150. - Taper Pipe Thread to ISO7,NPT, BS21 - Design conforms to BS 5154, MSS SP80	
- Robust and high quality bronze body - Inside screw pattern with non-rising stem - Working Medium: Water, Oil, Steam - Working Temperature: t 170°C	



Bronze Gate Valve Rising Stem

Model	11202 - PN20
	111252 - Class 125
	111502 - Class 150
Description: - Size : DN15 to DN50 - Pressure rating: PN20, Class 125, and Class 150 - Taper Pipe Thread to ISO7,NPT, BS21	
- Design conforms to BS 5154, MSS SP80 - Working Medium: Water, Oil, Steam - Working Temperature: t 170°C	



Bronze Gate Valve with Lock Shield Non Rising Stem

Model	1120LS - PN20
Description: - Size DN15 to DN50 - Pressure rating: PN20 - Taper Pipe Thread to ISO7,NPT, BS21 - Design conforms to BS 5154, MSS SP80	
- Suitable for use with hot and chilled water systems. - Working Medium: Water, Oil, Steam - Working Temperature: t 170°C	



DZR Brass Gate Valve Non Rising Stem

Model	12161 - PN16
Description: - DN15 to DN50 - Pressure rating: PN16 - Pipe Thread to ISO228	
- Working Medium: Water, Oil, Steam - Working Temperature: t 170°C	

BALL VALVE SERIES



Bronze Ball Valve (Threaded)

Model	121201 - PN20
	121251 - PN25
	1211251 - Class125
	1211501 - Class150
Description: - DN15 to DN50 - Pressure rating: PN20, PN 25, Class 125, Class 150 - Taper Pipe Thread to ISO7, NPT, BS21 - Design conforms to BS 5154, MSS SP80	
- Working Medium: Water, Oil, Gas - Working Temperature: t 70°C	



DZR Brass Ball Valve (Threaded)

Model	122161-PN16
	122201-PN20
Description: - DN15 to DN50 - Pressure rating: PN16, PN20 - Pipe Thread to ISO228	
- Working Medium: Water, Oil, Steam - Working Temperature: t 70°C	

GLOBE VALVE SERIES



Bronze Globe Valve (Threaded) Non Rising Stem

Model	21161 - PN16
	21201 - PN20
	211251 - Class 125
	211501 - Class 150
Description: - DN15 to DN50 - Pressure rating: PN16, PN20, Class 125, Class 150 - Taper Pipe Thread to ISO7, NPT, BS21	
- Design conforms to BS 5154, MSS SP80 - Working Medium: Water, Oil, Steam - Working Temperature: t 70°C	



DZR Brass Globe Valve (Threaded) Non Rising Stem

Model	21161 - PN16
Description: - DN15 to DN50 - Pressure rating: PN16 - Pipe Thread to ISO228	
- Working Medium: Water, Oil, Steam - Working Temperature: t 70°C	



Bronze Swing Check Valve

Model	31201 - PN20
	31251 - PN 25
	311251 - Class 125
	311501 - Class 150
Description: - DN15 to DN50 - Pressure rating: PN20, PN25 - Class125, Class150 - Taper Pipe Thread to ISO7, NPT, BS21	
- Design Standard: BS5154 - Working Medium: Water, Oil, Gas - Working Temperature: t 170°C	



DZR Brass Swing Check Valve

Model	32161 - PN16
Description: - DN15 to DN50 - Pressure rating: PN16 - Pipe Thread to ISO228	
- Working Medium: Water, Oil, Gas - Working Temperature: t 170°C	



Bronze Lift Check Valve Silent Type

Model	31202 - PN20
Description: - DN15 to DN50 - Pressure rating: PN20 - Taper Pipe Thread to ISO7, NPT, BS21	
- Working Medium: Water, Oil, Gas - Working Temperature: t 70°C	



Bronze Check Valve Y-Type

Model	311251 - Class 125
	311501 - Class 150
Description: - DN15 to DN50 - Pressure rating: PN20 - Taper Pipe Thread to ISO7, NPT, BS21	
- Working Medium: Water, Oil, Gas - Working Temperature: t 70°C	

AUTOMATIC AIR VENT



Brass Air Vent

Model	82161 – PN16
Description: - DN15 to DN25 - Pressure rating: PN16 - Taper Pipe Thread to ISO7, NPT, BS21	- It mainly used in independent heating system, central heating system, heating boilers, central air conditioning, and solar heating systems, exhaust pipes, etc. - Working Medium: Water - Working Temperature: t 70°C

DRAINING TAP



Brass Draining Tap

Model	12210A – PN10
Description: - DN15 to DN25 - Pressure rating: PN10	- Suitable for hot and cold water systems.

Y-TYPE STRAINER



Bronze Y-Type Strainer

Model	71201 – PN20
Description: - DN15 to DN50 - Pressure rating: PN16, PN20 - Taper Pipe Thread to ISO7, NPT, BS21 - Pipe Thread to ISO228	- Working Medium: Water, Oil, Gas - Working Temperature: t 170°C

Brass Y-Type Strainer

Model	71161 – PN16
Description: - DN15 to DN50 - Pressure rating: PN16, PN20 - Taper Pipe Thread to ISO7, NPT, BS21 - Pipe Thread to ISO228	- Working Medium: Water, Oil, Gas - Working Temperature: t 170°C

BRASS BIBCOCK



Brass Bibcock

Model	1216
Description: - DN15 to DN50 - Pressure rating: PN16 - Threaded to ISO228	- Brass Body - Lever Handle

PRESSURE REDUCING VALVES



Bronze Pressure Reducing Valve

Model	131161 – PN16
	131201 – PN20

DZR Brass Pressure Reducing Valve

Model	132161 – PN16
Description: - DN15 to DN50 - Pressure rating: PN16, PN20 - Taper Pipe Thread to ISO7, NPT, BS21	- Working Medium: Water, Gas - Working Temperature: t 70°C



DZR Brass Pressure Reducing Valve (Compact Type)

Model	13262 – PN16
Description: - DN15 to DN50 - Pressure rating: PN16 - Pipe Thread to ISO228	- Working Medium: Water, Gas - Working Temperature: t 70°C

FLEXIBLE METAL CONNECTOR



Metal SS Flexible Connector

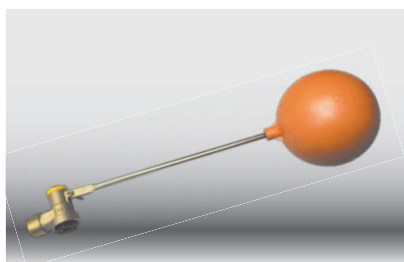
Model	T97162 – PN16
	T97252 – PN25
Description: - DN15 to DN50 - Working Pressure: PN16, PN25 - End Connection : Threaded - Cover : SS304 - Tube : SS304 - Union Threaded : SS304	- Design with a low lateral spring rate, and high movement capacities - Versatile and common throughout all industries.



Metal SS Flexible Connector

Model	F97162 – PN16
	F97252 – PN25
Description: - DN65 to DN300 - Working Pressure: PN16 - End Connection : Flanged - Cover : SS304 - Tube : SS304 - Flange : Carbon Steel	- The spherical design is self-cleaning and allows the pressure to exert itself uniformly in all directions. - Rotatable flanges accommodate easy installation.

FLOAT VALVE



Bronze Float Valve

Model	17110 - Bronze
	17210 - Brass
Description: - DN15 to DN50 - Pressure rating: PN10 - Taper Pipe Thread to ISO7, BS21	
- Replaceable seals - Single lever action	

RUBBER FLEXIBLE CONNECTOR



Twin Sphere Rubber Flexible Connector

Model	T97161 - PN16
	T97251 - PN25
Description: - DN15 to DN50 - Working Pressure: PN16, PN25 - End Connection : Threaded - Cover : EPDM - Tube : EPDM - Union Threaded : Carbon Steel	
- Simplest, most economical design - Accepts axial, movements, lateral - Design with a low lateral spring rate, and high movement capacities - Versatile and common throughout all industries	



Single Sphere Rubber Flexible Connector

Model	F97161 - PN16
	F97251 - PN25
Description: - DN65 to DN300 - Working Pressure: PN16, PN25 - End Connection : Flanged - Cover : EPDM - Tube : EPDM - Flange : Carbon Steel	
- Flexible Rubber Joints are easy and economical way to control piping movement, vibration and noise. - The spherical design is self-cleaning and allows the pressure to exert itself uniformly in all directions. - Rotatable flanges accommodate easy installation	

FOOT VALVE



Bronze Foot Valve

Model	15116
DZR Brass Foot Valve	
Model	15216
Description: - DN15 to DN32 - Pressure rating: PN10 - Pipe Thread to ISO228	
- Working Medium: Water, Oil, Steam - Working Temperature: t 110°C	



ANGLE VALVE



DZR Brass Chrome Plated Angle Valve

Model	125101
Description: - DN15, DN 25 - Pressure Rating : PN10	
- Control water flow to household plumbing fixtures - Valve handle stops flow of water leading to plumbing fixture - Chrome plated construct	



STOP VALVE



Stop Valve

Model	125102
Description: - DN15,DN20 - Pressure Rating: PN 10 - Pipe threaded to ISO228	
- Brass body - Chrome plated handle and cover plated	



WATER HAMMER ARRESTOR



WHA Piston Type

Model	TW1250
Description: - DN25 to DN50 - Max. Pressure: 400 PSI - NPT Male Thread Working Medium: Water - Working Temperature: 33F-180F - Operation Pressure: 0-60 PSI	
- Economical and effective single fixture protection against water pressure shock - Can be installed in concealed locations without access panels - Can be installed in new or existing plumbing systems vertically, horizontally or at any angle	



WHA Diaphragm Type

Model	TW1550 - SS
	TW1150 - Bronze
Description: - DN15 to DN100 - Pressure Rating: PN16 - End Connection: Threaded Ends - Material: Bronze and Stainless Steel	
- Pre-charged air chamber - Sealed in diaphragm - Stainless steel chamber construction	



Dry Pressure Gauge

Model	IH1014
Description: - Dial : 40 to 250 - Case : Black Steel case and bezel with bolt locked - Window : Instrument glass - Wetted parts: Copper alloy bourdon tube and brass connection - Movement: Brass	- Dry Pressure Gauge is used for in light industry and suitable for gases and liquids.



Bimetal Thermometer

Model	I2301
Description: - Dial size: 63,80, 100mm - Case: Zinc plated steel - Bezel: Zinc plated steel bayonet bezel ring - Window: Glass - Bulb: Copper alloy, adjustable at end - Pocket: Brass, friction at axial of thermometer case, fixing by screw for option - Pocket Length including thread: 50, 63, 100, 150mm etc.	- Series bimetal thermometers are designed for light industry, HVAC use, especially for refrigeration and hot/cold water



Thermometer

Model	I111 - I112 - I113
Description: - Size: 110x30mm, 150x30mm, 200x30mm - Casing: Aluminum, V-lined, completely polished, gold colored anodizing. Dual scale °C/°F Temperature range 0°-120°C Length including the thread: 20/40/63/80/100/150/200/250mm Diameter: 10mm as standard, 12mm optional	
Model	I121
Description: - Casing: Thermoplastic shell - Length: 6" - Scale panel White V-shaped aluminum - Dual Scale °C/°F - Temperature range 0°-120°C	- Prismatic capillary, filled with red organic liquid. - Immersion Tubes, Pockets, ½" NPT male - Brass standard - Diameter: 12mm as standard



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Gate Valves
[See General Information for Gate Valves](#)
TYNE FLOW LTD EX16221
 1ST FL SMALL HEATH
 411-421 COVENTRY RD
 BIRMINGHAM, B10 0TH UNITED KINGDOM

Pattern	Model	Size, in.	End Configuration	Rated Pressure, psig
OS&Y	F127	2.5, 3, 4, 6, 8, 10	FLG By FLG	300
OS&Y	F127	12	FLG By FLG	250
NRS	F117	2.5, 3, 4, 6, 8, 10	FLG By FLG	300
NRS	F117	12	FLG By FLG	250

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 411-421 COVENTRY RD
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Check Valves

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Swing-type, Model F218, 2, 2-1/2, 3, 4, 5, 6, 8 in. (DN 65, DN 150), with resilient seat for rated working pressures of 350 psig horizontal and vertical installation.

Swing-type, Model F217, 2, 2-1/2, 3, 4, 5, 6, 8 in. (DN 65, DN 150), with resilient seat for rated working pressures of 350 psig horizontal and vertical installation.

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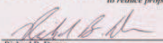
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FM APPROVED

Certificate of Compliance
 This certificate is issued for the following:
Gate Valves, Outside Screw and Yoke Gate Valves
Model F127
Gate Valves, Inside Screw Gate Valves
Model F117
 Prepared for:
 Tyne Flow Ltd.
 411-421 Coventry Road
 1st Floor, Small Heath
 Birmingham, United Kingdom B10 0th GB
 FM Approvals Class: 1120
 Approval Identification: 3047715 Approval Granted: October 31, 2012

Best Approval is subject to satisfactory field performance, continuing follow-up facilities and Procedures Audits, and strict conformity to the conditions as shown in the Approval Guide, an online resource of FM Approvals.

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 Richard B. Deane
 Group Manager - Fire Protection
 FM Approvals
 1151 Boston Providence Turnpike
 Norwood, MA 02062

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FM APPROVED

Certificate of Compliance
 This certificate is issued for the following:
INDICATING BUTTERFLY VALVES
Model F315

Nominal Pipe Size, inch (mm)	Rated Working Pressure, psi (kPa)
2-1/2, 3, 4, 5, 6, 8, 10 (2070)	300 (2070)
76.1, 130.7, 165.1mm	300 (2070)

Prepared for:
 Tyne Flow Ltd
 411-421 Coventry Road 1st Floor, Small Heath, Birmingham B10 0th GB
 United Kingdom
 FM Approvals Class: 1112
 Approval Identification: 3049262 Approval Granted: April 11, 2013

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 Richard B. Deane
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