

# VALVE SELECTION GUIDE EDITION 6











Newcastle West Manufacturing Plant





"Our focus is firmly fixed on the manufacture of quality products here at our factory in Newcastle West"

Patrick Rowley, Manufacturing Director.

# Index

<ul> <li>Matchmate &amp; Euro Lockshield Radiator Valves</li> </ul>	3
Technical Specification	6
<ul> <li>Matchmaster Radiator Valves</li> <li>Technical Specification</li> </ul>	7 9
• Full Flow Commercial Radiator Valves Technical Specification	10 12
• TRV 2 Way, Petite TRV and TRV Packs Technical Specification	13 16
<ul> <li>TRV Accessories</li> <li>Technical Specification</li> </ul>	18 19
Decorative Valves	20
<ul> <li>ABV, TCV &amp; Valve Accessories</li> <li>Technical Specification</li> </ul>	22 23













Description:	Angle Brass Lockshield			
Size:	l 5mm			
Order Code:	MM15LAB			











MYSON VALVES













Description:	Angle Nickel Lockshield				
Size:	I5mm				
Order Code:	MM15LAN				

















# Plastic Pipe Valves (PPV)

Maximum versatility, minimum fuss – your total solution for plastic

Only Myson Controls offer a complete range of plastic pipe valves that fit all manufacturer's BS 10mm and 15mm tube.

The Myson PPV range of both thermostatic and manual radiator valves has been designed in conjunction with heating engineers, national house builders and plastic pipe manufacturers. This has resulted in versatile and attractive ranges with both 'Pushfit' and compression connections specifically for use on central heating systems where plastic pipe or copper has been specified.Up, down, back, front, left, right, vertical or horizontal the Myson Controls PPV range covers them all.

## Introducing the Integral Pushfit 90

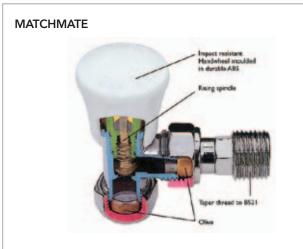
The latest addition to the Myson PPV range is the Integral Pushfit 90. This is available for Chrome TRV's, Matchmaster and the new slimline decorative range.

- Attractive design.
- Integral all in one valve no separate elbow.
- Double EPDM 'O' ring for added security.
- Impact resistant connection, with flexibility for life.

## FOR PUSH FIT VALVES REFER TO THE MYSON PPV BROCHURE HOTLINE NUMBER 0845 402 3434



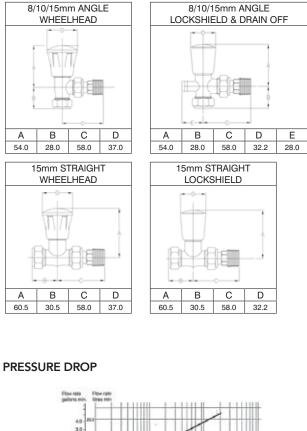
# MATCHMATE & EURO LOCKSHIELD - TECHNICAL SPECIFICATION

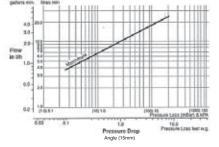


- Maximum operating pressure 10 Bar.
- Pressure tested in accordance with BS 2767.
- Maximum water temperature 120°C.
- Available in high quality Nickel or Brass finish.
- Available with drain off facility.

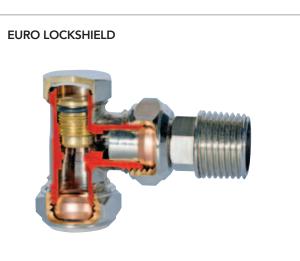
MYSON

### DIMENSIONS

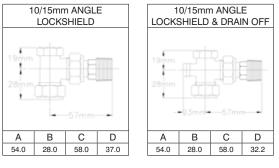




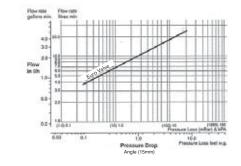
# heating through innovation



- Maximum operating pressure 10 Bar.
- Pressure tested in accordance with BS 2767.
- Maximum water temperature 120°C.
- Available in high quality Nickel finish.
- Available with drain off facility.



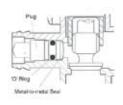
### PRESSURE DROP



## LOCKSHIELD WITH DRAIN OFF FACILITY FOR BOTH MATCHMATE AND EUROVALVE

## Operation

- Close radiator valves.
- Place drip tray under drain off.
- Open radiator air vent screw to release the pressure and close, then remove drain off plug.
- Fit hosepipe or use a suitable resepticle.
   Open radiator vent screw (Note: The flow)
- Open radiator vent screw (Note: The flow from the drain off can be stopped by closing air vent).
- When drain off is completed close radiator air vent screw and replace drain off plug.





## MATCHMASTER











Description:	Angle Brass Lockshield			
Size:	l 5mm			
Order Code:	MRI 5LAB			







Description:	Lockshield
Size:	10mm
Order Code:	MRIOLAC





MYSON VALVES











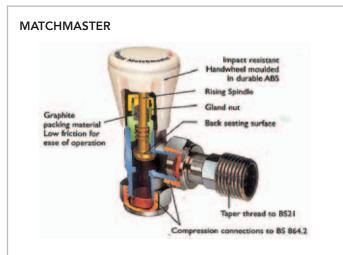


Description:	Straight Chrome Lockshield		
Size:	I5mm		
Order Code:	MR15LSC		









- Conforms to BS 2767-10. .
- Maximum operating pressure 10 Bar. •
- Maximum water temperature 120°C. •
- Available in Chrome or Brass finish. •
- Available with drain off facility.
- Graphite Gland packing.
- Back seating arrangement for maintenance . without draining down.

## DIMENSIONS

55.5

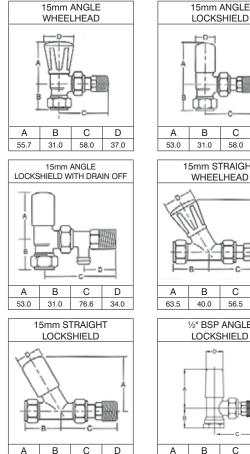
40.0

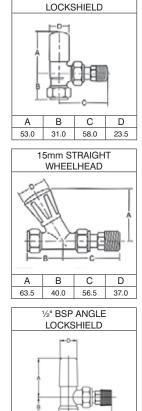
56.5

23.5

53

27



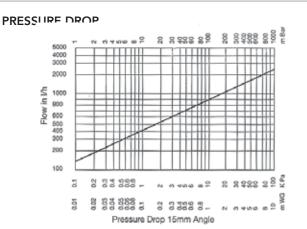


С

58

D

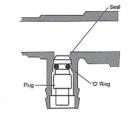
23



### MATCHMASTER LOCKSHIELD WITH DRAIN OFF FACILITY

### FEATURES

- Manufactured to • BS2767-10.
- Tamperproof plug. •
- Double seal (metal-tometal and 'O' ring).
- Available in Brass or . Chrome.
- Sizes 15mm, 10mm • & 8mm.



### **OPERATION**

- Close radiator valves.
- Place drip tray under drain off.
- Open radiator air vent screw to release the pressure and close, then remove drain off plug.
- Fit hosepipe or use a • suitable resepticle.
- Open radiator vent screw (Note: The flow from the drain off can be stopped by closing air vent).
- When drain off is completed close radiator air vent screw and replace drain off plug.































Ior Iron & copper ripe			
Size:	22mm & ¾" bsp		
Order Code:	FF22WAC		





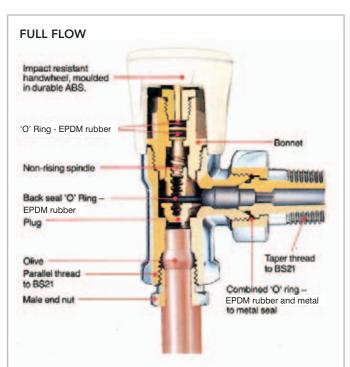






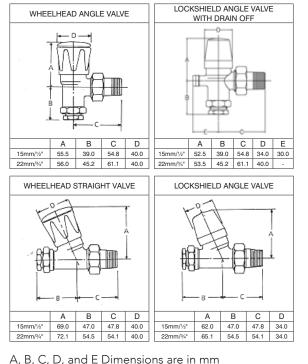


## FULL FLOW - TECHNICAL SPECIFICATION

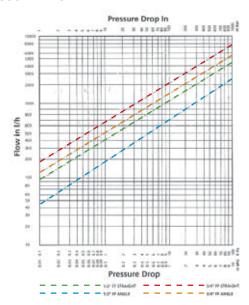


- Conforms to BS 2767-10.
- Maximum operating pressure 10 Bar.
- Maximum water temperature 120°C.
- Available in polished Chrome or Brass finish.
- One value for copper or iron pipes 15mm:  $\frac{1}{2}$ ", 22mm:  $\frac{3}{4}$ ".
- Double 'O'-Ring seal and non-rising spindle.
- 'O'-Ring seal on union guarantees water tight seal.
- Available with drain off facility.

### DIMENSIONS



### PRESSURE DROP



#### Operation

- Close radiator valves.
- Place drip tray under drain off.
- Open radiator air vent screw to release the pressure and close, then remove drain off plug.
- Fit hosepipe or use a suitable resepticle.
- Open radiator vent screw (Note: The flow from the drain off can be stopped by closing air vent).
- When drain off is completed close radiator air vent screw and replace drain off plug.















2TRV15B

Order Code:







Description:	TRV 2-WAY Contract Nickel Angle
Size:	10mm / 15mm
Order Code:	2TRVION



TRV















14















**TRV PACKS** 

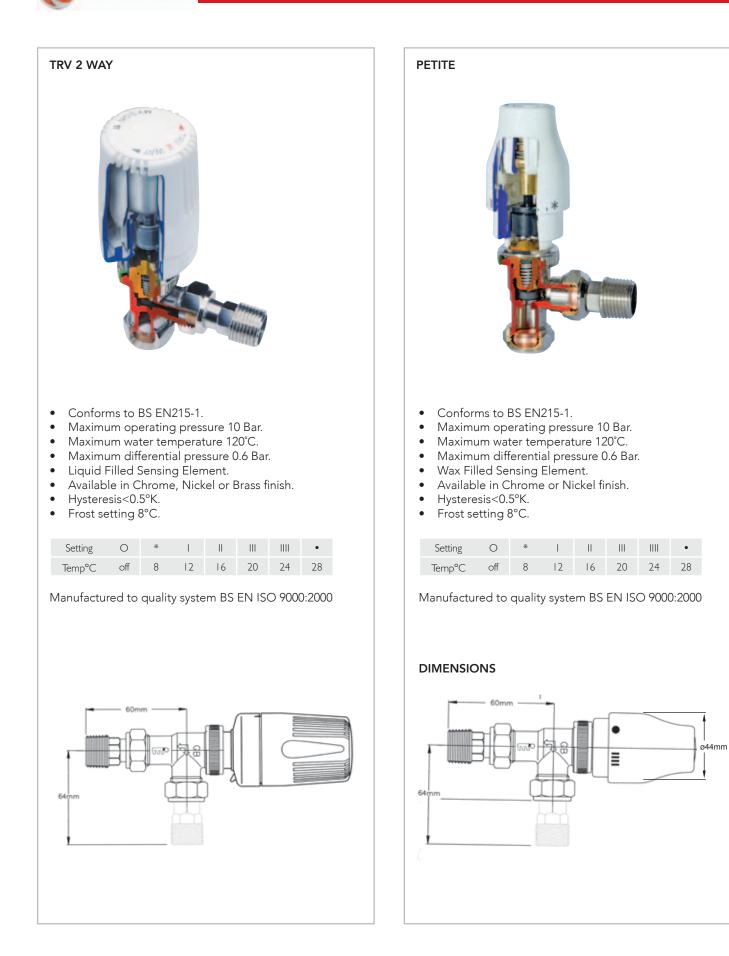
# LST KITS







# MYSON THERMOSTATIC RADIATOR VALVES - TECHNICAL SPECIFICATION





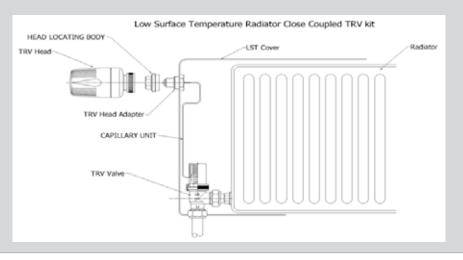
## LST KITS - TECHNICAL SPECIFICATION

### MYSON LST KIT INSTALLATION ARRANGEMENT

### **Close Couple Kit (CCKT)**

### List of contents

- TRV Head.
- Head locating body.
- Capillary unit. 1.8m
- TRV 15mm/1/2" BSP valve body.
- Fullflow L/S 15mm/1/2" BSP valve.

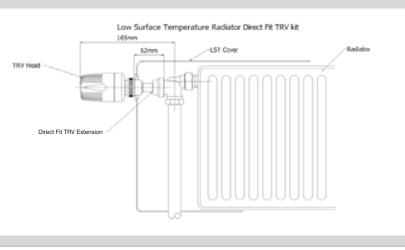


## MYSON LST KIT INSTALLATION ARRANGEMENT

### **Direct Fit Kit (DIRECT FIT)**

### List of contents

- TRV Head.
- TRV 15mm/½" BSP horizontal valve body.
- Extension adaptor.
- Matchmaster L/S 15mm/1/2" BSP valve.
- Plastic bush.



### LST KIT REPLACEMENT PARTS





Description:	Replacement head locating body for CCKTC
Order Code:	2TRVLSTHLB





# LST KITS - TECHNICAL SPECIFICATION













Description:	Nickel Vertical Angle
Size:	22mm/ 3/4"BSP
Order Code:	2TRV22AN





Description: Remote adjuster 2m Capillary Order Code: 2TRVADJHEAD2

























## **TRV - TECHNICAL SPECIFICATION**

т

\_

**ETISS**ETT

Ġ B

н

4

G E-H

エ

œ-

в

G

в

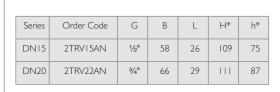
#### **Domestic TRV Body - GB Series**

Angle body available in Chrome (2TRVBOC) or Nickel (2TRVBON), for 15mm, 10mm and 8mm copper connection. Kv 0.60.

Series	Order Code	G	В	L	H*	h*
GB	2TRVBOC	1⁄2"	64	32	108	72
GB	2TRVBON	1⁄2"	64	32	108	72

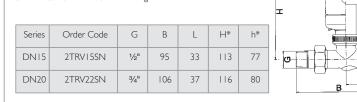
### Vertical Angle Body

Angle body available Nickel plated. 1⁄2" Kv 0.60 ¾" Kv 0.95 BSP Fitting.



#### Straight Body

Straight body available Nickel plated. 1⁄2" Kv 0.60 1⁄4" Kv 0.95 BSP Fitting.



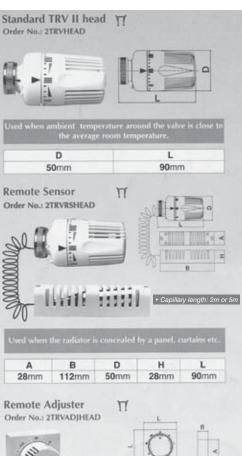
### Horizontal Angle Body

Horizontal angle body available Nickel plated. 1/2" Kv 0.60 BSP Fitting.

Series	Order Code	G	В	L	H*	h*
DN15	2TRV15IN	1⁄2"	53	37	115	79



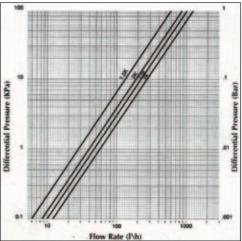
P-Band (K)	Kv
١.5	.4
2	.6
2.5	.7
3	.8







## FLOWRATE CHART FOR DN10 AND **DN15 VALVES**





































Description:	Petite Chrome Angle TRV
Size:	l 5mm
Order Code:	2TRVSL15DFC



e Straight TRV
DEC
DEC





Description:	Chrome Petite Radpak Straight TRV & Lockshield
Size:	I 5mm
Order Code:	PETPAK15DECS





# ABV, TCV & ACCESSORIES

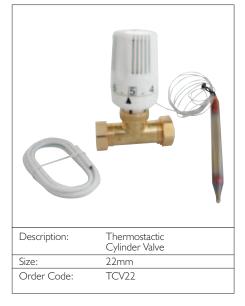




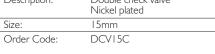
Description.	By-Pass Valve Straight
Size:	22mm
Order Code:	ABV22S









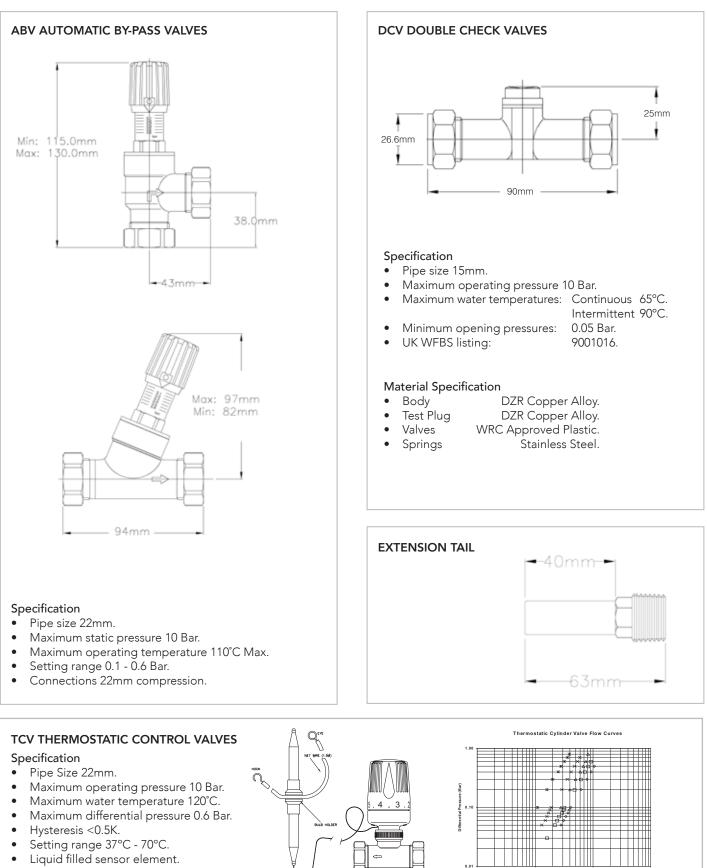












• Conforms to BS EN 215-1.



Flowrate (Litres / Hour) ♦ 3K □ 2K △ 1.5K × 1K −₩−0.5K ABV, TCV & ACCESSORIES





MYSON Eastern Avenue, Team Valley, Gateshead, Tyne & Wear NEII 0PG Sales Office 0845 402 3434, Sales Fax 0191 491 7568 www.myson.co.uk

In accordance with our policy of continual product improvement, we reserve the right to amend the specification of these products without prior notification.