



Dynamic Valves

Dynamic Valves

Dynamic Angled
Nickel Plated

Dynamic Angled TRV 15mm

Dynamic Angled TRV 1/2" BSP

Dynamic Straight
Nickel Plated

Dynamic Straight TRV 15mm

Dynamic Straight TRV 1/2" BSP

Dynamic Reverse Angled
Nickel Plated

Dynamic Reverse Angled TRV 15mm

Dynamic Reverse Angled TRV 1/2" BSP

TRV Heads

Anti-tamper plastic TRV head A421

Lockable plastic TRV head (White) A49500A

Lockable plastic TRV head (Chrome) A49500B

To be ordered separately to valve body & lockshield

Non-thermostatic hand wheel

Plastic hand wheel (White) A57915A

Plastic hand wheel (Chrome) A57915B

To be ordered separately to valve body & lockshield

Dynamic Angled
Chrome

Dynamic Angled Chrome TRV 15mm

Also available with 1/2" BSP connections

Dynamic Straight
Chrome

Dynamic Straight Chrome TRV 15mm

Also available with 1/2" BSP connections

Dynamic Reverse Angled
Chrome

Dynamic Reverse Angled Chrome TRV 15mm

Also available with 1/2" BSP connections

TRV Heads

Lockable plastic TRV head A49500

Brass TRV head A409

To be ordered separately to valve body & lockshield

Non-thermostatic hand wheel

Plastic hand wheel A574

To be ordered separately to valve body & lockshield

Finishes

Satin (B)

Chrome (P)

Antique Copper (AAC)

Antique Brass (AAB)

Black (ABL)

White (W)

All products on this page are available in these finishes.

Valves

Combining high quality engineering with a sleek and elegant style, these beautifully smooth valves provide the perfect finishing touch to any radiator. Available in an array of stunning finishes, with a choice of angled, corner or straight versions, Radius valves offer superior heating control while complementing and enhancing a radiator's design.

Radius angled manual



Radius antique copper angled manual 15mm



Radius antique brass angled manual 15mm



Radius black angled manual 15mm

Also available with 1/2" BSP connections

Radius angled TRV



Also available with 1/2" BSP connections

Valves

Radius corner manual



Also available with 1/2" BSP connections

Radius corner TRV



Also available with 1/2" BSP connections

Valves

Valves

Radius straight manual



Radius chrome straight manual 15mm

Radius satin straight manual 15mm

Radius black straight manual 15mm

Also available with 1/2" BSP connections

Radius straight TRV



Radius chrome straight TRV 15mm

Radius satin straight TRV 15mm

Radius black straight TRV 15mm

Also available with 1/2" & 3/4" BSP connections

Chartwell manual angled



Chartwell black nickel angled manual 15mm

Chartwell brass angled manual 15mm

Chartwell anthracite angled manual 15mm

Also available with 1/2" & 3/4" BSP connections

Chartwell angled TRV



Chartwell black nickel TRV angled 15mm

Chartwell brass TRV angled 15mm

Chartwell anthracite TRV angled 15mm

Also available with 1/2" & 3/4" BSP connections

Valves

Valves

Nostalgia Manual



Manual angled brass valves



Manual angled anthracite valves

Also available with 1/2" & 3/4" BSP connections

Kentwell angled manual

Kentwell black nickel angled manual 15mm



Kentwell satin angled manual 15mm



Kentwell antique copper angled manual 15mm



Kentwell antique brass angled manual 15mm



Kentwell chrome angled manual 15mm



Kentwell polished brass angled manual 15mm



Also available with 1/2" & 3/4" BSP connections

Nostalgia TRV



TRV angled brass valves



TRV angled anthracite valves

Also available with 1/2" & 3/4" BSP connections

Kentwell corner manual

Kentwell polished brass corner manual 15mm

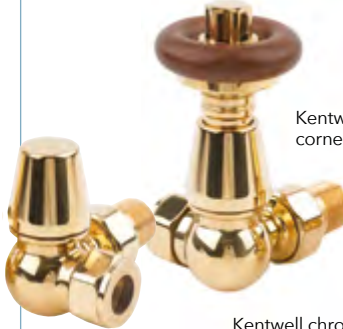


Kentwell chrome corner manual 15mm



Kentwell corner TRV

Kentwell polished brass corner TRV 15mm



Kentwell chrome corner TRV 15mm



Valves

Valves

Kentwell angled TRV



Also available with 1/2" & 3/4" BSP connections

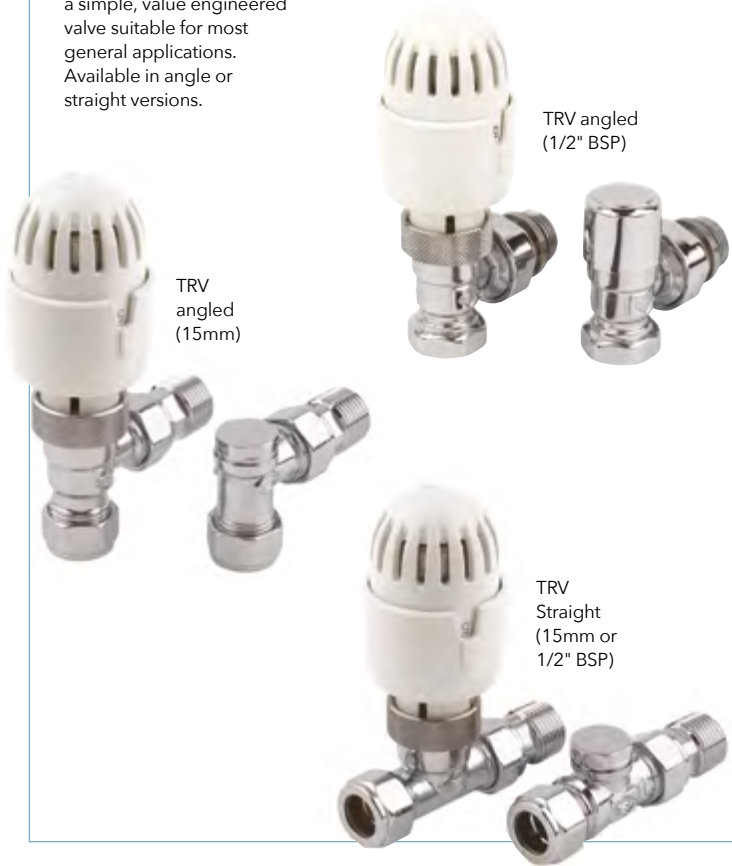
Stratford Corner, Double Angle Valves

This dynamic corner/double angle valve set is the perfect solution to tidy pipework for your towel rails.



Sterling Valve

The Sterling contract TRV is a simple, value engineered valve suitable for most general applications. Available in angle or straight versions.



Studio Valves

The dynamic Studio Valve represents unrivalled aesthetics and value, combining gleaming futuristic sophistication and engineered precision.



Also available as a straight valve



Valves

Valves

Twin Valve

The Twin Valve represents unrivalled aesthetics with gleaming futuristic sophistication and engineered precision. Connection centres = 50mm.



Variocon Valve

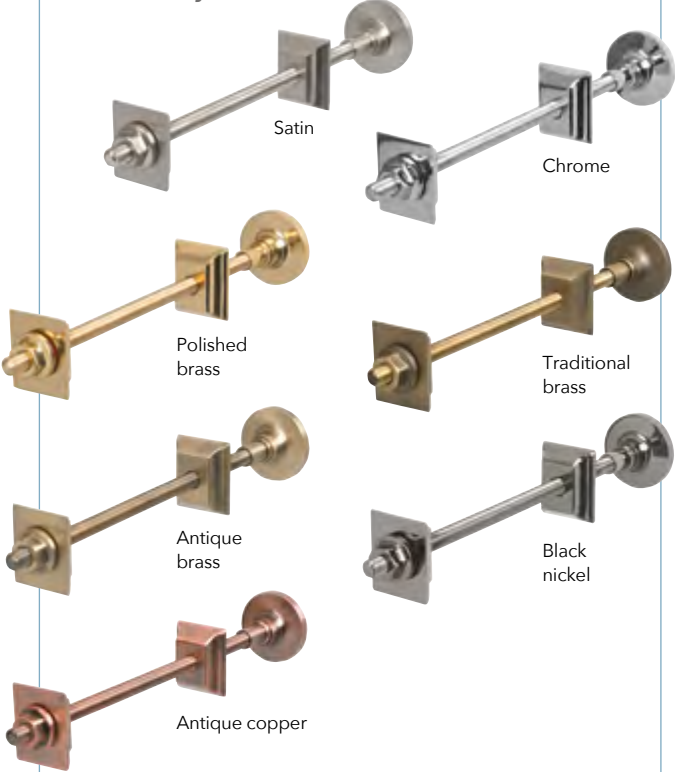
The versatile Variocon valve set is a straight /angled valve all-in-one, allowing connections through the wall or up from the floor.



Sleeving kits



Wall stays



Air vents

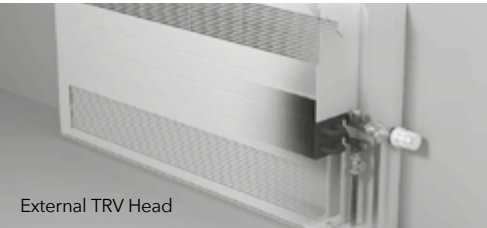


Valves

Valves & Correction factor tables

PowerKon External Valves

PowerKon External TRV Valve Set
(Code: PKVLV-EXT)
PowerKon Pressure Independent External TRV Valve Set
(Code: PKVLV-EXTPI)



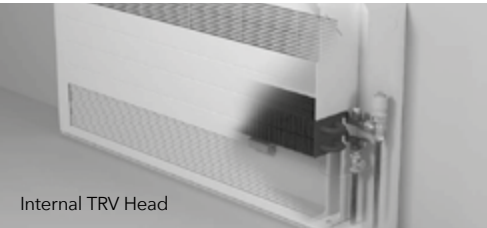
PowerKon Inbuilt Valves

PowerKon Inbuilt TRV Valve Set
(Code: PKVLV-IB)
PowerKon Pressure Independent Inbuilt TRV Valve Set
(Code: PKVLV-IBPI)



PowerKon Internal Valves

PowerKon Internal TRV Valve Set
(Code: PKVLV-INT)
PowerKon Pressure Independent Internal TRV Valve Set
(Code: PKVLV-INTPI)



Secureguard Internal Valve Kit

(Code: SG-VALVE KIT-INT)
The Secureguard Internal valve kit is an internal control and comprises of 1/2" angle pattern presettable valve body, remote sensing phial and TRV head, plus a 1/2" angle lockshield on the return connection.



Secureguard External Valve Kit

(Code: SG-VALVE KIT-EXT)
The Secureguard External valve kit is an external control and comprises of 1/2" angle pattern presettable valve body, remote sensing phial and TRV head, plus a 1/2" lockshield valve on the return connection. The kit also includes a unique, slim-fitting anti-ligature shroud, dial and fixings.



Note: The external valve kit must be ordered at the same time as the casings, with handing of the TRV specified.

Correction factor table

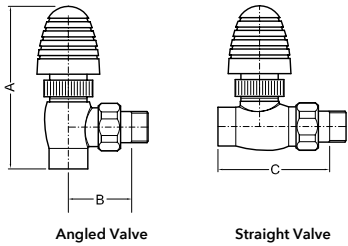
The outputs shown within this brochure are based on BS EN442. BS EN442 specifies that all outputs must be stated at ΔT 50°C, which is based on 75-65-20°C operating conditions. The ΔT is calculated by taking the mean water temperature and deducting the ambient air temperature. For example, a typical air-source heat pump system will have flow temperatures of 45°C and return temperatures of 40°C. With an ambient air temperature of 20°C, this means the system is operating at ΔT 22.5°C. To calculate the output of a radiator at operating conditions other than ΔT 50°C, multiply the listed output by the correction factors shown in the table on the right.

ΔT	CORRECTION FACTOR	ΔT	CORRECTION FACTOR
60	1.267	41	0.773
59	1.240	40	0.748
58	1.213	39	0.724
57	1.186	38	0.700
56	1.159	37	0.676
55.5	1.145	36	0.652
55	1.132	35	0.629
54	1.105	34	0.606
53	1.079	33	0.583
52	1.052	32	0.560
51	1.026	31	0.537
50	1.000	30	0.515
49	0.974	29	0.493
48	0.948	28	0.471
47	0.923	27	0.449
46	0.897	26	0.427
45	0.872	25	0.406
44	0.847	24	0.385
43	0.822	23	0.364
42	0.797	22.5	0.354

Typical valve dimensions The following notation has been used for dimensions:

Valves	A	B	C
Chartwell	Chartwell Angle Manual	107	44
	Chartwell Angle TRV	139	44
	Chartwell 1/2" BSP Angle	93	53
	Chartwell 3/4" BSP Angle	95	53
Kentwell	Angled/Corner Manual	100	46
	Angled/Corner TRV	110	46
	Angled Manual	107	53
	Angled TRV	139	53
Nostalgia	1/2" BSP Angled Manual	93	53
	3/4" BSP Angled Manual	95	53
	1/2" BSP Angled TRV	125	53
	3/4" BSP Angled TRV	127	53
Radius	Angled Manual	77	41
	Straight Manual/TRV	-	67
	Angled TRV	126	41
	Corner Manual	54	41
Sterling	Corner TRV	110	41
	Angled TRV	120	48

Valves	A	B	C
Sterling	Straight TRV	-	77
	1/2" BSP Angled TRV	120	48
	1/2" BSP Straight TRV	-	77
Stratford Corner	Corner TRV	110	41
	Angled Manual	60	40
	Straight Manual	-	77
Studio	Angled TRV	130	40
	1/2" BSP Angled TRV	130	40
	Angled TRV	68	42
	1/2" BSP Angled TRV	68	40
Dynamic (excluding TRV Head)	Straight TRV	-	70
	1/2" BSP Straight TRV	-	70
	Reverse Angled TRV	89	43
	1/2" BSP Reverse Angled TRV	89	43



Important Note: All dimensions are given in good faith however it is always advisable to await delivery of your radiator and valves before setting the pipework in its final positions. MHS cannot accept any liability for pre delivery installed pipework not matching up with the final item.

All MHS valves are suitable for connection to 15mm copper pipe only (except where stated)

All products in this publication are supplied without valves unless stated otherwise. This publication is issued subject to alteration or withdrawal without notice. The illustrations and specifications are not binding in detail. All offers and sales are subject to the Company's current terms and conditions of sale.