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IT IS FOR INFORMATION ONLY

Artwork done by Impala Services Ltd
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SEPARATIONS	JOB INFO
PROCESS BLACK	KNG #: KNG-2563-0001 Agency Job #: PRJ28080 Product Description: Decorative TRV and Lockshield Brand: – Brand Contact: Edward Colman / Alice Chen Barcode: 5036581050795 / 5036581050801 / 5036581050825 / 5036581050849 / 5036581050887 / 5036581050894 / 5036581050900 / 5059340290485 / 5059340290492 / 5059340076249 / 5059340076256 / 50529318372S0 / 5059340122410 / 5063022114877 / 5059340122434 / 5059340290614 / 5059340290621 Vendor: Avonflow No. of New Line Drawings: 0 Page Size: A4 / No. of Pages: 0

VERSION #

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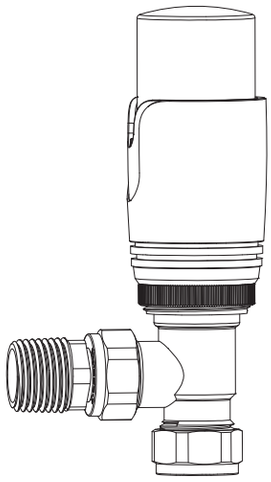

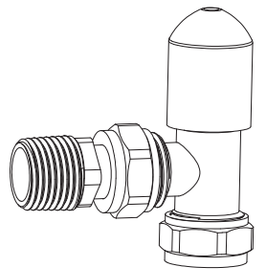

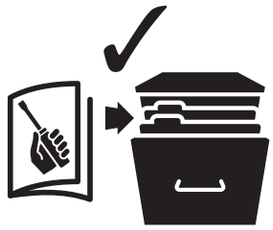

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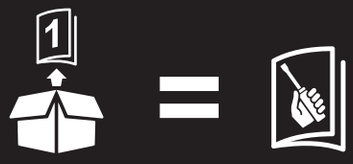
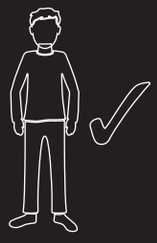
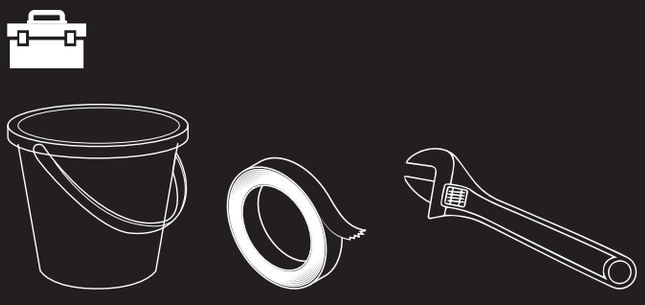


EN IMPORTANT - These instructions are for your safety. Please read through them thoroughly prior to installation and retain them for future reference.





Address

Manufacturer:
UK Manufacturer:
Kingfisher International Products Limited,
1 Paddington Square, London, W2 1GG,
United Kingdom

EN **www.diy.com**
www.screwfix.com
www.screwfix.ie
To view instruction manuals online, visit www.kingfisher.com/products

Before you start

- Fully read and understand these instructions before beginning the installation.
- Please dispose of packaging carefully and keep the product and packaging away from the reach of children.
- Keep this installation manual in a safe place for any future reference.

Introduction

This manual is for the following range of TRVs and TRV kits.

Description	Product EAN
Thermostatic radiator valve & lockshield, Angled 15 mm - 1/2" bidirectional [all colours]	5036581050795 5036581050825 5036581050887 5059340290485 5059340076249 5052931837250 5063022114877 5059340290614 5059340497358
Thermostatic radiator valve & lockshield, Straight 15 mm - 1/2" bidirectional [all colours]	5036581050801 5036581050849 5036581050900 5059340290492 5059340076256 5059340122410 5059340122434 5059340290621
White/chrome thermostatic radiator valve head *	5036581050894

Temperature Regulating Valves (TRV's) when fitted to your radiators will allow independent room by room temperature control. This will help you to reduce energy consumption, resulting in lower energy bills.

Product Technical Data and Approvals

Technical Data	
Settings/Temperature range:	6 - 28°C
Hysteresis:	0.5 K
Differential pressure effect:	0.3 K
Water temperature effect:	1 K
Max. operating pressure:	10 bar
Max. water temperature:	120°C
Max. operating differential pressure:	1.0 bar
Control:	Liquid sensor
Response time:	20 min
TELL Scheme Energy Efficiency Rating:	≤ 0.50 / Class I

TRV's have been fully tested and certified to the latest EN215 European Standard. Products also hold the European quality mark KEYMARK.

*For TRV head only skip to Installation step 10.

Safety

- Avoid contact with any central heating water in case of chemical irritation.
- It is advised to wear gloves and eye protection when working on the central heating system.
- If a blowtorch is used for any adjacent works, do not allow it to heat up the TRV body as it could result in damage and invalidate your guarantee.

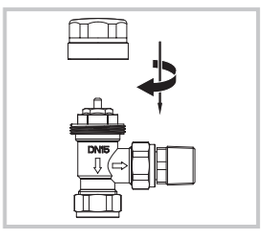
Installation

Site the TRV where there is good air circulation and it is not exposed to direct sunlight or behind curtains or doors. If known, install valve on the supply pipe. Our valves are Bi-directional so can be placed on the supply or return lines. Ensure central heating system is free of debris before fitting the valve.

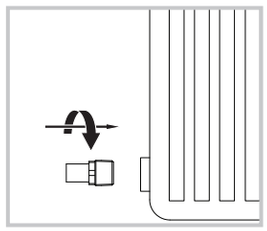
Before starting works, turn off the related central heating system/boiler, allowed to cool and then drain down the central heating system. Ensure the area is clean and you have a method of catching and mopping up any remaining system water.

An automatic differential by-pass valve must be fitted to the system when TRVs are being installed.

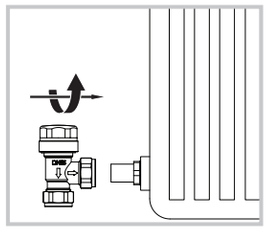
1. Screw the manual closing cap to the top of the valve and close the valve fully. Do not overtighten.



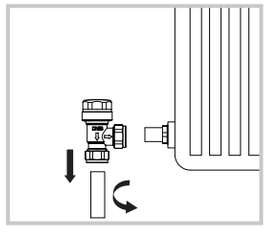
2. Remove the radiator tail piece from the valve ensuring the nut and olive remain in place.
3. Wrap approximately 8-10 turns of PTFE tape tightly around the male thread of the tail piece. The PTFE must be applied in the same direction as if you were connecting a nut to the thread so that it doesn't unravel when fitting to the radiator.
4. Screw the tail piece into the radiator panel and secure using a spanner.



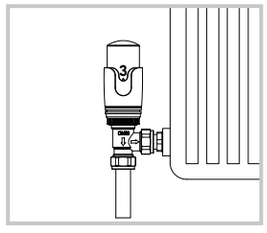
5. Slide the nut and olive onto the tail piece and connect the valve body in the desired position. Only hand tighten the nut at this stage, as it will need to be removed on step 7.



6. Measure, mark and cut the pipework. Remember that the pipe will need to be inserted into the compression end of the radiator valve up to the pipe stop, so always ensure that enough pipe is remaining before cutting.
7. Remove valve body from the tail piece, then slide the pipe side nut and olive onto the supply pipework. Fully tighten using a spanner. Do not overtighten.



8. Reconnect the valve body to the tail piece and tighten the nut with a spanner. Do not overtighten.
9. Refill the system, bleed radiator and check for leaks. Further minimal tightening will stop any that appear.
10. Turn control head to fully open (position 5), remove manual closing cap from the valve and attach control head by tightening the knurled securing ring by hand. Do not overtighten or use grips.



Note: If your kit includes a lockshield valve, follow installation steps 2 - 9 to aid in the installation.

Operating Instructions

Setting the temperature

- Calibration marks on the control head correspond to the temperatures in table 1. to set the temperature, select the desired room temperature from the table and turn the control head to align the appropriate number with the fixed pointer. Allow at least an hour for the room temperature to stabilise.

*	1	2	3	4	5 MAX
Frost protection at 7°C	12°C	16°C	20°C	24°C	28°C

Table 1

Frost protection

- Where heating is not required but there is a risk of freezing, turn the control head to the frost protection setting * which will allow the valve to open if the temperature falls below 7°C. Ensure the boiler is operational.

Summer operation

- In the summer months, when the heating system is turned off for a considerable period, set the control head to the fully open position.