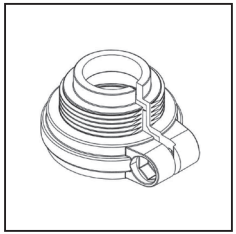
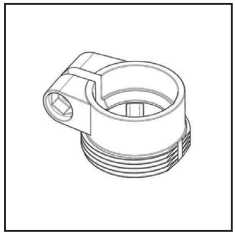
START HERE

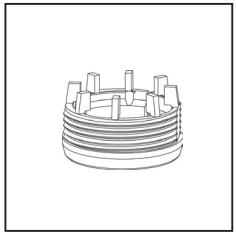
In the plastic bag:



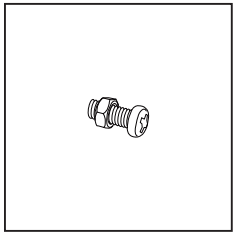
RAV



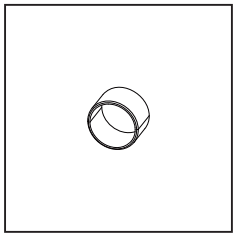
RA



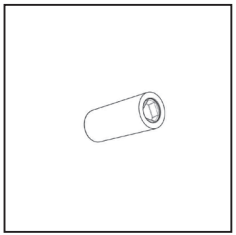
RAVL



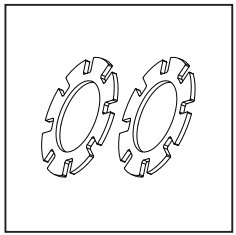
Union Nut



Supporting Ring

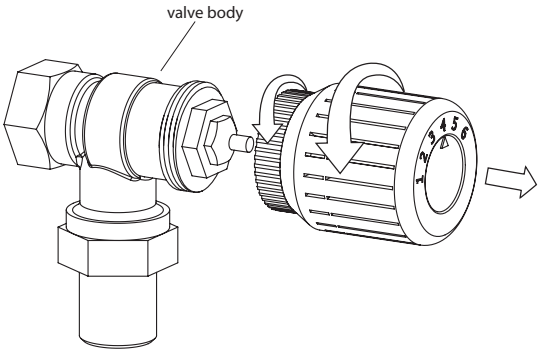


RAV spigot extension

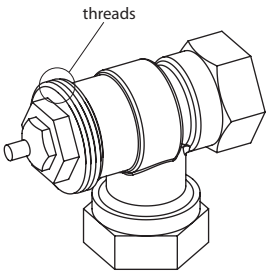


Spacers

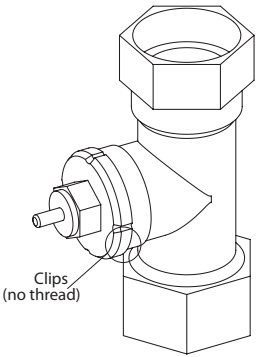
Section A



Remove the existing thermostatic valve from your radiator to access the valve body



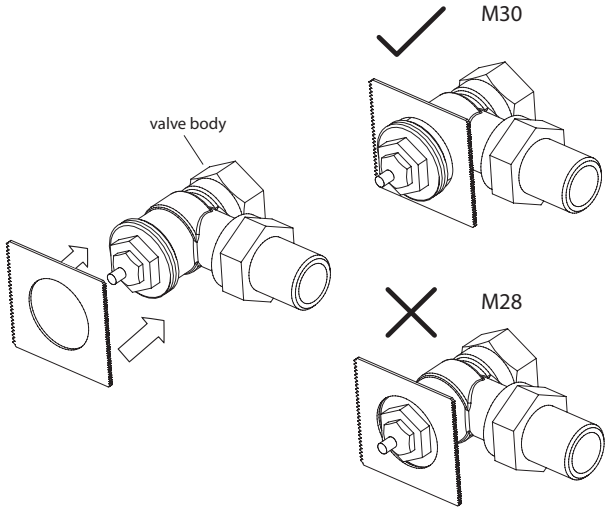
SECTION B



SECTION C

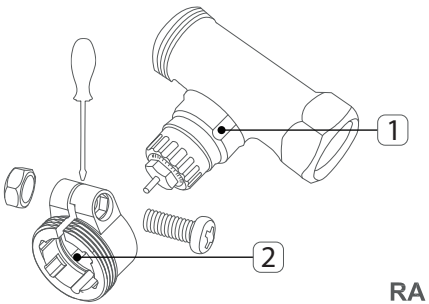
If you valve body has threads, go to Section B of this document
If you valve body has clips, go to Section C of this document.

Section B: Valve bodies with threads

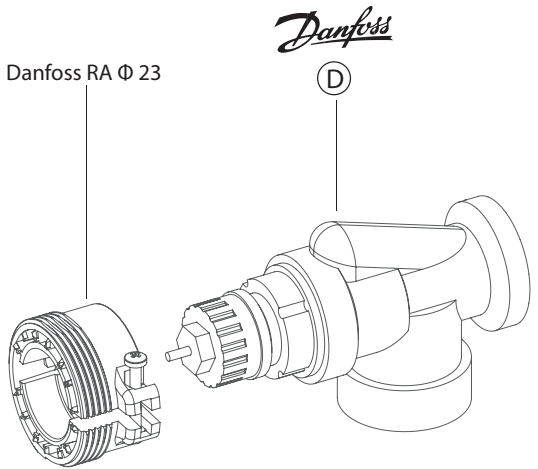


First step: Determine the diameter of your valve with a template or precision rule
Second step: Measure the thread size of your valve.
Third step: Default by factory setting, a M30x1.5 adaptor is fixed with radiator valve.
If your valves requires for M28 x1.5 adaptor please contact your local supply shop for it.

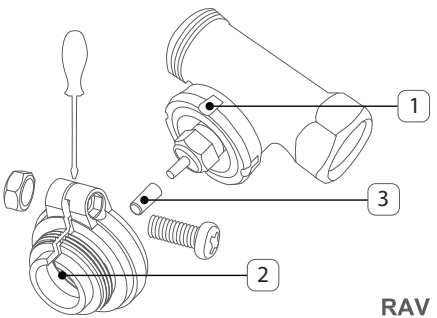
Section C: Valve bodies with clips



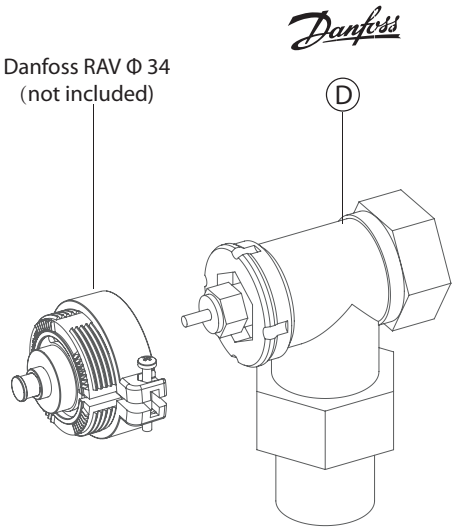
RA



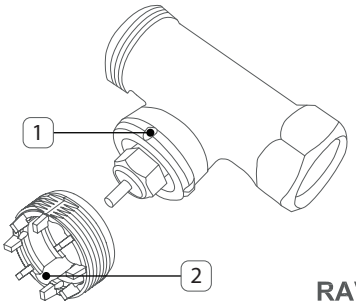
- Included
- During installation, please ensure that the pins inside the adapter (2) are lined up with the notches (1) on the valve. Ensure that a suitable adapter for the valve is properly clipped on



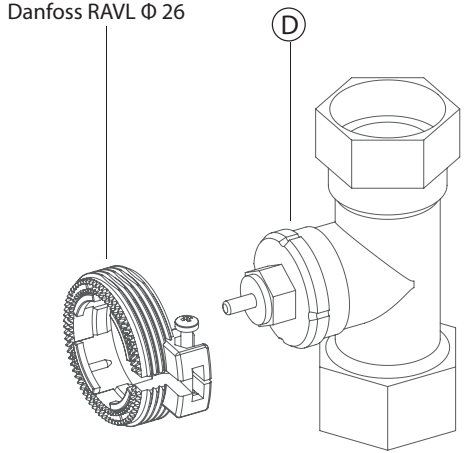
RAV



- Included
- During installation, please ensure that the pins inside the adapter (2) are lined up with the notches (1) on the valve. Ensure that a suitable adapter for the valve is properly clipped on.
- The lifter extension (3) must be fitted to the valve pin of RAV valves prior to installation.

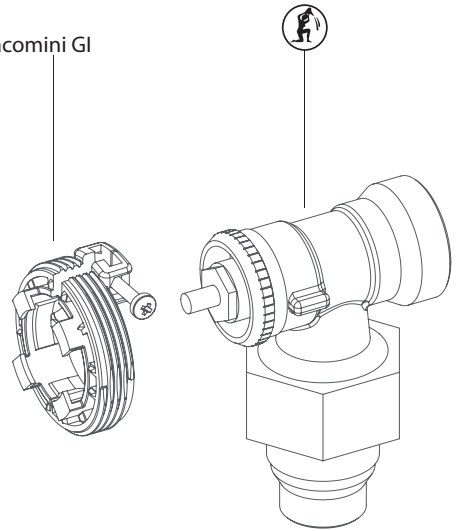


RAVL

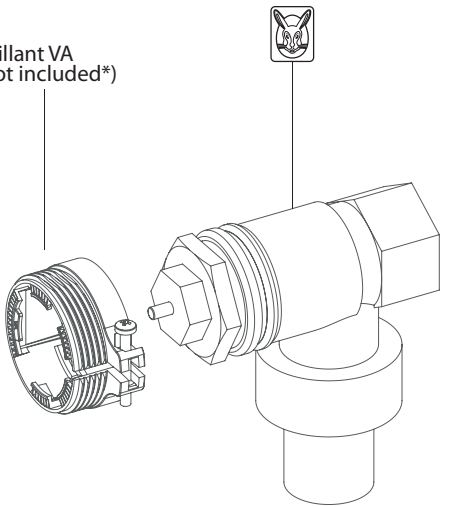


- Included
- During installation, please ensure that the pins inside the adapter (2) are lined up with the notches (1) on the valve. Ensure that a suitable adapter for the valve is properly clipped on.

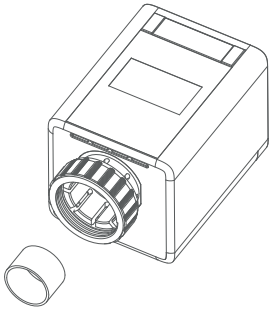
Giacomini GI



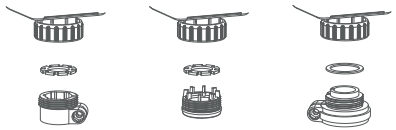
Vaillant VA
(not included*)



- NOT INCLUDED



The valves from different manufacturers may have tolerance fluctuations that make the radiator thermostat more loosely seated on the valve. In this case, the provided support ring should be placed into the flange before mounting the radiator thermostat



In some case, where the valve pin have different length greater than 14mm, you will need to add a spacer inside the base ring, the spacer comes with two thickness, 0.5mm/1mm.

Section D: Trouble-Shooting

Appear code	Meaning	Solution
F1	Valve drive sluggish	check whether valve pin is stuck;
F2	Actuation range too wide	check whether valve pin is not installed in place, if the screw is fastened;
F3	Adjustment range too small	check whether valve pin is stuck ;
F4	Valve adaption failed	check whether valve bearing moving distance too small, and adjust the distance with the provided spacers.