V3 Oct 2026

Smart Radiator Thermostat Compatibility Guide

Find out if the Smart Radiator Thermostat works with your radiator valve

Radiator valves

Non-thermostatic radiator valves

A non-thermostatic or manual valve is a simple on/off valve that works like a tap. It regulates hot water flow to the radiator and changes the room's temperature only when it is manually turned on or off.

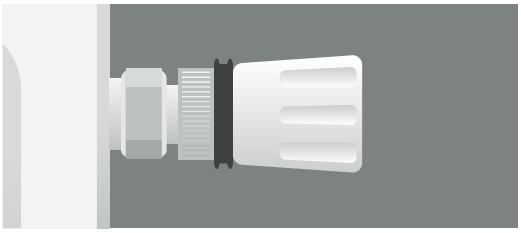
If you unmount the valve head of a manual valve, you'll find that there is no pin that can be pushed in and out.

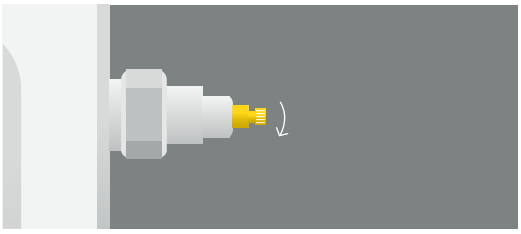
Unfortunately, tado° Smart Radiator Thermostats are not compatible with non-thermostatic radiator valves.

To be able to use tado° on your radiator, consider getting your valve replaced with an M30x1.5 mm thermostatic radiator valve.

How to find out if my radiator valve is thermostatic or manual?

The illustrations on the right show an example of common non-thermostatic radiator valves.





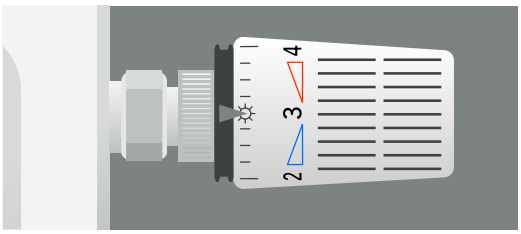
Thermostatic radiator valves

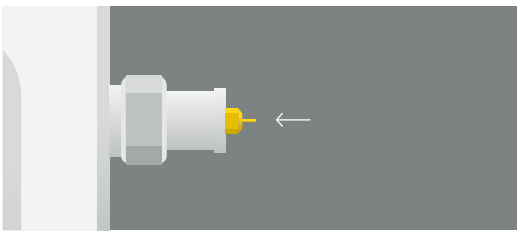
A thermostatic radiator valve senses the room temperature and automatically adjusts the hot water flow to the radiator to maintain a constant temperature in the room.

The tado° Smart Radiator Thermostat only works with thermostatic radiator valves and it replaces your existing thermostatic valve head.

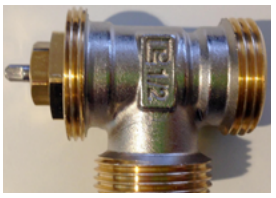
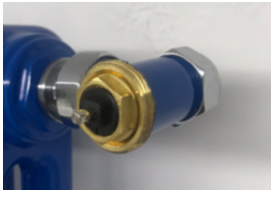
Please note: tado° is not compatible with return temperature limiter valves (RTL valves), which are mostly used for underfloor heating. This is because tado°, in combination with an RTL valve, will not be able to limit the hot water temperature for underfloor heating. Further, tado° is not compatible with one pipe systems since it would stop the water flow if the Smart Thermostat is closed.

Please check the list on the next page to find out if your thermostatic radiator valve is compatible with tado°, if you need an adapter to install tado° and if we provide this adapter or not.





Thermostatic radiator valves

Brand name	Radiator Thermos-tat Model	Type of connection (Thread/ Clamp)	Is tado° compatible?		Is an adapter provided?		Picture
			Yes/No	Connection	Yes/No	Adapter name	
Altecnic	Ecocal	Thread: M30 x 1.5 mm	✓	No adapter needed	✗	✗	
Braukmann		Thread: M40 x 1.5 mm	✗	No adapter available	✗	✗	
BRV		Thread: M30 x 1.5 mm	✗	No adapter available	✗	✗	
Boss	Supreme	Thread: M28 x 1.5 mm	✓	With adapter	✓	M28 x 1.5-00	
Caleffi		Clamp: 23 mm	✓	With adapter	✓	CAL-00	
Caleffi		Thread: M30 x 1.5 mm	✓	No adapter needed	✗	✗	
Carlo Poletti		Thread: M30 x 1.5 mm	✓	No adapter needed	✗	✗	
Comap / SAR		Thread: M30 x 1.5 mm	✓	No adapter needed	✗	✗	

Thermostatic radiator valves

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			Yes/No	Connection	Yes/No	Adapter name	
Comap / SAR	Senso TRV, S2P, Westhern 5 TRV	Thread: M28 x 1.5 mm	✓	With adapter	✓	M28 x 1.5-00	
Danfoss	RAS CK	Thread: M30 x 1.5 mm	✓	No adapter needed	✗	✗	
Danfoss/Honeywell	RA-A, B, C T2000/ T6000/ T3000/ RAS C2	Clamp: 23mm with notches	✓	With adapter	✓	RA-02	
Danfoss	RAV	Clamp: 34 mm with 4 notches	✓	With adapter	✓	RAV-02	
Danfoss	RAVL	Clamp: 25.5 mm with 4 notches	✓	With adapter	✓	RAVL-02	
Danfoss	FJVR	Clamp: 32 mm with 2 notches	✗	RTL-valve	✗	✗	
Danfoss	RTD	Thread: M30 x 1.5 mm	✓	With adapter	✗	RE-DRTD EAN: 8594012221666	
Drayton	RT212 / RT313 / RT414 / TRV4	Thread: M30 x 1.5 mm	✓	No adapter needed	✗	✗	

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Drayton	TRV3/2/4C	Thread: M28 x 1.0 mm	✗	No adapter available	✗	✗	
Emmeti		Clamp: 23 mm	✓	With adapter	✓	CAL-00	
FAR		Thread: M23 x 1.5 mm	✓	With adapter	✗	Far 1941 or EcoDHome 01333-3012-00	
Fratelli - Pettinaroli		Thread: M28 x 1.5 mm	✗	No adapter available	✗	✗	
Gampper		Clamp: Inside thread M20	✓	With adapter	✗	M20 EAN: 4260012710786 (<10 mm) EAN: 4260012710793 (>10 mm)	
Gampper		Clamp: Inside thread M22	✓	With adapter	✗	M22 EAN: 4260012710809	
Gampper		Thread: M30 x 1.5 mm	✓	No adapter needed	✗	✗	
Giacomini		Clamp: 22,6 mm	✓	With adapter	✓	GIA-00	

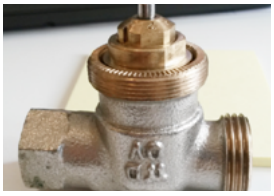
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Heimeier		Thread: M30 x 1.5 mm	✓	No adapter needed	✗	✗	
Herz, Honeywell	7230 / 7235 / 7260 / 7262 / Thera 3	Thread: M28 x 1.5 mm	✓	With adapter	✓	M28 x 1.5-00	
Honeywell	Thera T1000, T2000, T3000, T4000, T6000 Series. VT117E / VT200E / VT15	Thread: M30 x 1.5 mm	✓	No adapter needed	✗	✗	
Ista		Thread: M32 x 1.0 mm	✓	With adapter	✗	9700-36.700 EAN: 4024052562411	
Junkers		Thread: M30 x 1.5 mm	✓	No adapter needed	✗	✗	
Landis & Gyr		Clamp: 24 mm	✗	No adapter available	✗	✗	
MMA Markaryd	Evosense Sprint & Public / MTW-AD / DTW / VR10		✓	With adapter	✓	M28 x 1.5-00	
MNG		Thread: M30 x 1.5 mm	✓	No adapter needed	✗	✗	

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Myson MYSON		Thread: M28 x 1.5 mm	✓	With adapter	✓	M28 x 1.5-00	
Myson MYSON	TRV 2 Way Petite	Thread: M30 x 1.5 mm	✓	No adapter needed	✗	✗	
Orkli orkli	Harmony, Eroso, Victory, Electrónica, Viking	Thread: M28 x 1.0 mm	✓	With adapter	✗	6296/3 EAN: 4011395232583	
Oventrop OV	Uni LV Vaillant	Clamp: 30.5 mm	✓	With adapter	✗	700 100 001 EAN: 4260012710533	
Oventrop OV	UniLDVL	Clamp: 25.5 mm with 4 notches	✓	With adapter	✓	RAVL-02	
Oventrop OV	UniLDV	Clamp: 34 mm with 4 notches	✓	With adapter	✓	RAV-02	
Oventrop / Buderus OV	UniXD	Clamp: 23mm with notches	✓	With adapter	✓		
Oventrop / Herz OV	Uni LA	Thread: M28 x 1.5 mm	✓	With adapter	✓	M28 x 1.5-00	

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Oventrop OV	Vindo TH / Uni series / Pinox H	Thread: M30 x 1.5 mm	✓	No adapter needed	✗	✗	
Oventrop OV	Uni DH, Uni L	Thread: M30 x 1.0 mm	✓	With adapter	✗	1011445 EAN: 4026755228717	
Oventrop / Ista OV	Uni LI ISTA	Thread: M32 x 1.0 mm	✓	With adapter	✗	9700-36.700 EAN: 4024052562411	
Oventrop OV		Thread: M40 x 1.5 mm	✗	No adapter available	✗	✗	
Pegler Yorkshire PEGLER	Yorkshire, Terrier (I) (II) (III) / Mistral (I) (II) / Belmont	Thread: M30 x 1.5 mm (wide touch surface)	✗	No adapter available	✗	✗	
Pegler Yorkshire PEGLER	Conic / Bulldog	Thread: M28 x 1.5 mm	✓	With adapter	✓	M28 x 1.5-00	
Pintossi pintossi+c		Thread: M26 x 1.5 mm	✓	With adapter	✗	01333-3005-00 EAN: 8051084820932	
R.B.M. RBM		Thread: M30 x 1.5 mm	✓	No adapter needed	✗	✗	

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Brand name	Radiator Thermostat Model	Type of connection (Thread/ Clamp)	Is tado° compatible?		Is an adapter provided?		Picture
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Roca		Clamp: 22.6 mm	✓	With adapter	✓	GIA-00	
SALUS		Thread: M30 x 1.5 mm	✓	No adapter needed	✗	✗	
SALUS, SAM (Slovarm)		Thread: M28 x 1.5 mm	✓	With adapter	✓	M28 x 1.5-00	
Schlösser		Thread: M30 x 1.5 mm	✓	No adapter needed	✗	✗	
Siemens	RTN51, SSA911. 01TH	Thread: M30 x 1.5 mm	✓	No adapter needed	✗	✗	
Siemens		Thread: M28 x 1.5 mm	✓	With adapter	✓	M28 x 1.5-00	
Siemens		Thread: M28 x 1.0 mm	✓	With adapter	✗	6296/3 EAN: 4011395232583	
Simplex		Thread: M30 x 1.5 mm	✓	No adapter needed	✗	✗	

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			Yes/No	Connection	Yes/No	Adapter name	
Sunvic	TRV 510	Thread: M28 x 1.5 mm	✓	With adapter	✓	M28 x 1.5-00	
TA		Thread: M28 x 1.5 mm	✓	With adapter	✓	M28 x 1.5-00	
Vaillant, TA Heimeier		Clamp: 30.5 mm	✓	With adapter	✗	700 100 001 EAN: 4260012710533	
Valf Sanayli		Thread: M30 x 1.5 mm	✓	No adapter needed	✗	✗	
Watts Industries		Thread: M30 x 1.5 mm	✓	No adapter needed	✗	✗	

If your valve is not on this list or if none of the given adapters fit your valve, consider getting your valve replaced with an **M30 x 1.5 mm thermostatic radiator valve**.

If you need any help to determine what kind of radiator valve you have, please take pictures of your valve and contact us. How can I take helpful pictures for tado° to determine what kind of radiator valves I have?

Please note: While tado° works with a great range of thermostatic radiator valves, there may be a few that tado° currently does not support. In some cases, the compatibility depends on your complete heating setup. So please bear in mind that all information in this guide is indicative and, in no way, exhaustive.