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

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tado°

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 **M30 x 1.5 mm** thermostatic radiator valve.

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

The pictures below show a few examples 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.
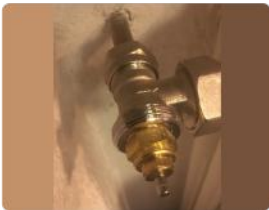
The tado° Smart Radiator Thermostat works **only with thermostatic radiator valves** and it replaces your existing thermostatic valve head.

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.

Please check the list below to find out if your thermostatic radiator valve is compatible with tado°, if an adapter is needed to install tado° on it and if we supply this adapter or not.

Brand name	Model	Type of connection (Thread / Clamp)	Is tado° compatible?	Is an adapter provided?	Picture
Altecnic	Ecotal	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 needed	-	

Brand name	Model	Type of connection (Thread / Clamp)	Is tado° compatible?	Is an adapter provided?	Picture
Boss	Supreme	Thread: M28 x 1.5 mm	✓ With adapter	✓ Adapter name: M28 x 1.5-00	
Caleffi		Clamp: 23 mm	✓ With adapter	✓ Adapter name: CAL-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	✓ Adapter name: RA-02	
Danfoss	RAV / RA-N	Clamp: 34 mm with 4 notches	✓ With adapter	✓ Adapter name: RAV-02	
Danfoss	RAVL	Clamp: 25.5 mm with 4 notches	✓ With adapter	✓ Adapter name: RAVL-02	
Danfoss	FJVR	Clamp: 32 mm with 2 notches	✗ No, RTL-valve	✗	
Danfoss	RTD	Thread: M30 x 1.5 mm	✓ With adapter	✗ Adapter Name: RE-DRTD EAN: 8594012221666	
Drayton	RT212 / RT313 / RT414 / TRV4	Thread: M30 x 1.5 mm	✓ No adapter needed	-	
Drayton	TRV3/2/4C	Thread: M28 x 1.0 mm	✓ With adapter	✗ Adapter name: Terrier AD3 (635111)	
Emmeti		Clamp: 23 mm	✓ With adapter	✓ Adapter name: CAL-00	
FAR		Thread: M23 x 1.5 mm	✓ With adapter	✗ Adapter name: Far 1941 or EcoDHome 01333-3012-00	

Brand name	Model	Type of connection (Thread / Clamp)	Is tado° compatible?	Is an adapter provided?	Picture
Fratelli - Pettinaroli		Thread: M28 x 1.5 mm	✗ No adapter available	-	
Gampper		Clamp: inside thread M20	✓ With adapter	✗ Adapter name: M20 EAN: 4260012710786 (<10 mm) EAN: 4260012710793 (>10 mm)	
Gampper		Clamp: inside thread M22	✓ With adapter	✗ Adapter name: M22 EAN: 4260012710809	
Gampper		Thread: M30 x 1.5 mm	✓ No adapter needed	-	
Giacomini		Clamp: 22,6 mm	✓ With adapter	✓ Adapter name: GIA-00	
Heimeier		Thread: M30 x 1.5 mm	✓ No adapter needed	-	
Herz, Honeywell	7230 / 7235 / 7260 / 7262	Thread: M28 x 1.5 mm	✓ With adapter	✓ Adapter name: M28 x 1.5-00	
Honeywell / Braukmann	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	✗ Adapter name: 9700-36.700 EAN: 4024052562411	
Junkers		Thread: M30 x 1.5 mm	✓ No adapter needed	-	
Landis & Gyr		Clamp: 24 mm	✗ No adapter available	-	

Brand name	Model	Type of connection (Thread / Clamp)	Is tado° compatible?	Is an adapter provided?	Picture
Markardys MMA	Evosense Sprint & Public / MTW-AD / DTW / VR10	Thread: M28 x 1.5 mm	✓ With adapter	✓ Adapter name: M28 x 1.5-00	
MNG		Thread: M30 x 1.5 mm	✓ No adapter needed	-	
Myson MYSON		Thread: M28 x 1.5 mm	✓ With adapter	✓ Adapter name: 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	✗ Adapter name: 6296/3 EAN: 4011395232583	
Oventrop OV	Uni LV Vaillant	Clamp: 30.5 mm	✓ With adapter	✗ Adapter name: 700 100 001 EAN: 4260012710533	
Oventrop OV	UniLDVL	Clamp: 25.5 mm with 4 notches	✓ With adapter	✓ Adapter name: RAVL-02	
Oventrop OV	UniLDV	Clamp: 34 mm with 4 notches	✓ With adapter	✓ Adapter name: RAV-02	
Oventrop OV	UniXD	Clamp: 23 mm with notches	✓ With adapter	✓ Adapter name: RA-02	
Oventrop OV	Uni LA Herz	Thread: M28 x 1.5 mm	✓ With adapter	✓ Adapter name: M28 x 1.5-00	
Oventrop OV	Vindo TH / Uni series / Pinox H	Thread: M30 x 1.5 mm	✓ No adapter needed	-	
Oventrop OV		Thread: M30 x 1.0 mm	✓ With adapter	✗ Adapter name: 1011445 EAN: 4026755228717	

Brand name	Model	Type of connection (Thread / Clamp)	Is tado° compatible?	Is an adapter provided?	Picture
Oventrop OV	Uni LI ISTA	Thread: M32 x 1.0 mm	✓ With adapter	✗ Adapter name: 9700-36.700 EAN: 4024052562411	
Oventrop OV		Thread: M40 x 1.5 mm	✗ No adapter available	-	
Pegler PEGLER PY	Yorkshire, Terrier (I) (II) (III) / Mistral (I) (II) / Belmont	Thread: M30 x 1.5 mm	✓ No adapter needed	-	
Pegler Yorkshire PEGLER PY	Conic / Bulldog	Thread: M28 x 1.5 mm	✓ With adapter	✓ Adapter name: M28 x 1.5-00	
Pintossi pintossi+c		Thread: M26 x 1.5 mm	✓ With adapter	✗ Adapter Name: 01333-3005-00 EAN: 8051084820932	
Poletti		Thread: M30 x 1.5 mm	✓ No adapter needed	-	
R.B.M. RBM		Thread: M30 x 1.5 mm	✓ No adapter needed	-	
Roca ROCA BAXI GROUP		Clamp: 22,6 mm	✓ With adapter	✓ Adapter name: GIA-00	
SALUS SALUS CONTROLS	SALUS TRV	Thread: M30 x 1.5 mm	✓ No adapter needed	-	
SAM (Slovarm)		Thread: M28 x 1.5 mm	✓ With adapter	✓ Adapter name: M28 x 1.5-00	
Schlösser		Thread: M30 x 1.5 mm	✓ No adapter needed	-	
Siemens SIEMENS		Thread: M30 x 1.5 mm	✓ No adapter needed	-	

Brand name	Model	Type of connection (Thread / Clamp)	Is tado° compatible?	Is an adapter provided?	Picture
Siemens SIEMENS		Thread: M28 x 1.5 mm	✓ With adapter	✓ Adapter name: M28 x 1.5-00	
Siemens SIEMENS		Thread: M28 x 1.0 mm	✓ With adapter	✗ Adapter name: 6296/3 EAN: 4011395232583	
Simplex Simplex		Thread: M30 x 1.5 mm	✓ No adapter needed	-	
Sunvic sunvic		Thread: M28 x 1.5 mm	✓ With adapter	✓ Adapter name: M28 x 1.5-00	
TA TA HYDRONICS		Thread: M28 x 1.5 mm	✓ With adapter	✓ Adapter name: M28 x 1.5-00	
Vaillant Vaillant	TA Heimeier Vaillant Adapter	Clamp: 30.5 mm	✓ With adapter	✗ Adapter name: 700 100 001 EAN: 4260012710533	
Valf Sanayli TSE		Thread: M30 x 1.5 mm	✓ No adapter needed	-	
Watts		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.

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.