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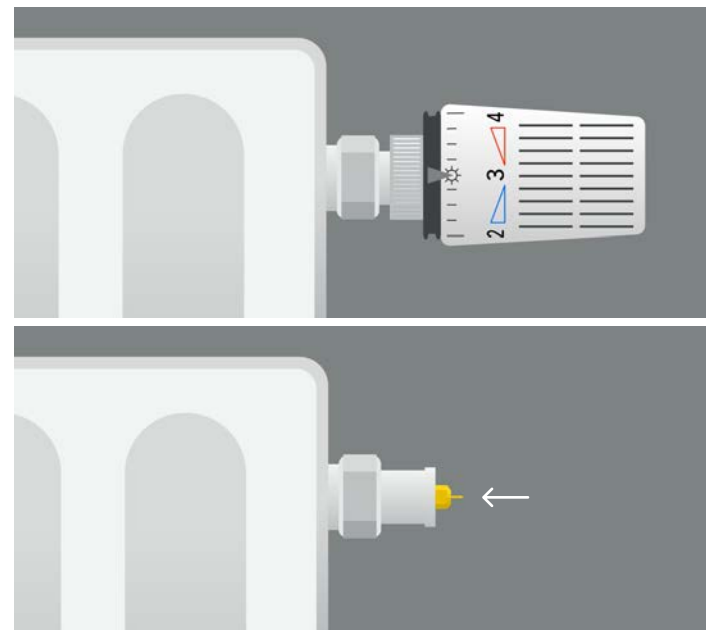
Find out if the Smart Radiator Thermostat X works with your radiator valve.

Compatible:

Thermostatic radiator valves (TRVs)

tado° Smart Radiator Thermostats only work with thermostatic radiator valves. tado° will replace your existing thermostatic valve head.

Most thermostatic radiator valves have numbers, screens, or other control buttons on them. Thermostatic valve heads can easily be unmounted and replaced with a tado° Smart Radiator Thermostat to improve temperature control.
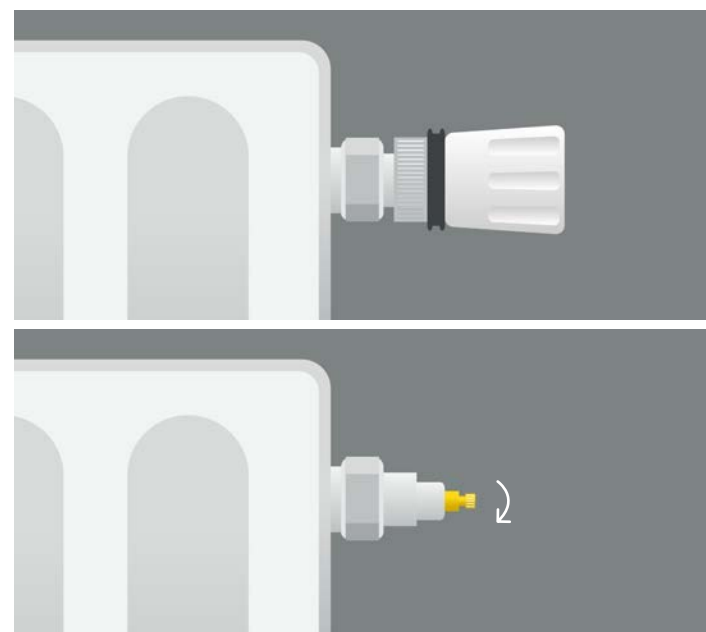
Incompatible:

Non-thermostatic radiator valves

A manual (non-thermostatic) valve is a simple on/off valve that works like a tap. Manual valves usually have no numbers or buttons. There may be plus and minus (or on and off) signs on a manual valve, indicating the direction you need to turn it to. Unlike thermostatic valves, manual valves have no pin that can be pushed in and out.

tado° is not compatible with manual valves. You can have your manual valve replaced with an M30 x 1.5 mm thermostatic radiator valve to be able to install the tado° Smart Radiator Thermostat. We recommend you ask a professional to do this for you.

Return Temperature Limiter (RTL) valves & underfloor actuators

tado° Smart Radiator Thermostats are not compatible with RTL or other valves which are used in underfloor heating systems.

Monotube radiator systems

tado° Smart Radiator Thermostats are not compatible with monotube/single pipe radiator systems.

For more information, please see our [Help Center article.](#)

Interoperability

The Smart Radiator Thermostat X cannot be used in the same tado° Home as previous generation tado° devices (tado° V3+ and earlier).

Thermostatic radiator valves

Brand	Model	Type of connection	tado° compatibility	An adapter provided?	Image
altecnic — Altecnic	Ecocal	Thread: M30 x 1.5 mm.	✓ No adapter needed	✗	
Braukmann		Thread: M40 x 1.5 mm.	✗ No adapter available	✗	
brv — BRV		Thread: M30 x 1.5 mm.	✗ No adapter available	✗	
BOSS THERM™ — Boss	Supreme	Thread: M28 x 1.5 mm.	✓ With an adapter	✓ M28 x 1.5-00	
Caleffi		Clamp: 23 mm.	✓ With an 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 — Comap / SAR		Thread: M30 x 1.5 mm.	✓ No adapter needed	✗	
COMAP — Comap / SAR	Senso TRV, S2P, Westhern 5 TRV	Thread: M28 x 1.5 mm.	✓ With an adapter	✓ M28 x 1.5-00	

Thermostatic radiator valves

Brand	Model	Type of connection	tado° compatibility	An adapter provided?	Image
Danfoss	RAS CK	Thread: M30 x 1.5 mm.	✅ No adapter needed	❌	
Danfoss / Honeywell	RA-A, B, C T2000/ T6000/ T3000/ RAS C2	Clamp: 23 mm. with notches	✅ With an adapter	✅ RA-02	
Danfoss	RAV	Clamp: 34 mm. with 4 notches	✅ With an adapter	✅ RAV-02	
Danfoss	RAVL	Clamp: 25.5 mm. with 4 notches	✅ With an adapter	✅ RAVL-02	
Danfoss	FJVR	Clamp: 32 mm. with 2 notches	❌ RTL-valve	❌	
Danfoss	RTD	Thread: M30 x 1.5 mm.	✅ With an adapter	❌ RE-DRTD EAN:8594012221666	
Drayton	RT212/ RT313/ RT414/ TRV4	Thread: M30 x 1.5 mm.	✅ No adapter needed	❌	
Drayton	TRV 1	Thread: M32 x 1.5 mm.	❌ No adapter available	❌	
Drayton	TRV3 / 2 / 4C	Thread: M28 x 1.0 mm.	✅ With an adapter	❌ TerrierAD3 (635111) No longer produced	
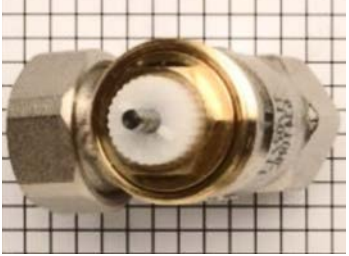
Thermostatic radiator valves

Brand	Model	Type of connection	tado° compatibility	An adapter provided?	Image
EMMETI Emmeti		Clamp: 23 mm.	✅ With an adapter	✅ CAL-00	
FAR FAR		Thread: M23 x 1.5 mm.	✅ With an adapter	❌ FAR 1941 or EcoDHome 01333-3012-00	
Fratelli - Pettinaroli		Thread: M28 x 1.5 mm.	❌ No adapter available	❌	
Gampper ARMATUREN Gampper		Clamp: inside thread M20	✅ With an adapter	❌ M20 EAN:4260012710786(<10 mm.) EAN :4260012710793 (>10 mm.)	
Gampper ARMATUREN Gampper		Clamp: inside thread M22	✅ With an adapter	❌ M22 EAN:4260012710809	
Gampper ARMATUREN Gampper		Thread: M30 x 1.5 mm.	✅ No adapter needed	❌	
Giacomini		Clamp: 22.6 mm.	✅ With an adapter	✅ GIA-00	
TA HEIMEIER Heimeier		Thread: M30 x 1.5 mm.	✅ No adapter needed	❌	
TA HEIMEIER Heimeier		Thread: M28 x 1.5 mm.	✅ With an adapter	✅ M28 x 1.5-00	

Thermostatic radiator valves

Brand	Model	Type of connection	tado° compatibility	An adapter provided?	Image
♡ HERZ® Herz / Honeywell	7230/ 7235/ 7260/ 7262	Thread: M28 x 1.5 mm.	✅ With an adapter 🛒	✅ M28 x 1.5-00	
♡ HERZ® Herz		Thread: M30 x 1.5 mm.	✅ No adapter needed 🛒	❌	
Honeywell Honeywell	Thera T1000, T2000, T3000, T4000, T6000 series	Thread: M30 x 1.5 mm.	✅ No adapter needed 🛒	❌	
ista Ista		Thread: M32 x 1.0 mm.	✅ With an adapter 🛒	❌ 9700-36.700 EAN:4024052562411	
▽ Junkers		Thread: M30 x 1.5 mm.	✅ No adapter needed 🛒	❌	
LANDIS & GYR Landis & Gyr		Clamp: 24 mm.	❌ No adapter available	❌	
MMA MMA Markaryd	Evosense Sprint & Public/ MTW-AD/ DTW/ VR10	Thread: M28 x 1.5 mm.	✅ With an adapter 🛒	✅ M28 x 1.5-00	
MNG MNG		Thread: M30 x 1.5 mm.	✅ No adapter needed 🛒	❌	
MYSON Myson		Thread: M28 x 1.5 mm.	✅ With an adapter 🛒	✅ M28 x 1.5-00	
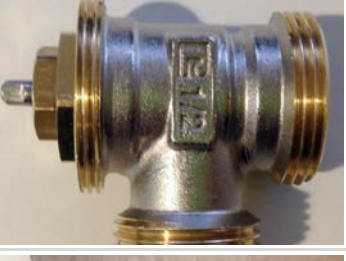
Thermostatic radiator valves

Brand	Model	Type of connection	tado° compatibility	An adapter provided?	Image
Myson	TRV 2 Way Petite	Thread: M30 x 1.5 mm.	✅ No adapter needed	❌	
Orkli		Thread: M30 x 1.5 mm.	✅ No adapter needed	❌	
Orkli	Harmony, Eroso, Victory, Electrónica, Viking	Thread: M28 x 1.5 mm.	✅ With an adapter	❌ 6296/3 EAN:4011395232583	
Oventrop	Uni LV Vaillant	Clamp: 30.5 mm.	✅ With an adapter	❌ 700 100 001 EAN: 4260012710533	
Oventrop	UniLDVL	Clamp: 25.5 mm with 4 notches	✅ With an adapter	✅ RAVL-02	
Oventrop	UniLDVL	Clamp: 34 mm with 4 notches	✅ With an adapter	✅ RAV-02	
Oventrop / Buderus	UniXD	Clamp: 23 mm with notches	✅ With an adapter	✅ RA-02	
Oventrop / Herz	UniLA	Thread: M28 x 1.5 mm.	✅ With an adapter	✅ M28 x 1.5-00	
Oventrop	Vindo TH/ Uni series/ Pinox H	Thread: M30 x 1.5 mm.	✅ No adapter needed	❌	

Thermostatic radiator valves

Brand	Model	Type of connection	tado° compatibility	An adapter provided?	Image
OVentrop — Oventrop	UniDH/ UniL	Thread: M30 x 1.0 mm.	✅ With an adapter	❌ 1011445 EAN: 4026755228717	
OVentrop — Oventrop / Ista	Uni LI ISTA	Thread: M32 x 1.0 mm.	✅ With an adapter	❌ 9700-36.700 EAN: 4024052562411	
OVentrop — Oventrop		Thread: M40 x 1.5 mm.	❌ No adapter available	❌	
PEGLER PY — Pegler Yorkshire	Yorkshire, Terrier (I) (II) (III)/ Mistral (I) (II)/ Belmont	Thread: M30 x 1.5 mm (wide touch surface)	❌ No adapter available	❌	
PEGLER PY — Pegler Yorkshire	Conic/ Bulldog	Thread: M28 x 1.5 mm.	✅ With an adapter	✅ M28 x 1.5-00	
pintossi+c — Pintossi		Thread: M26 x 1.5 mm.	✅ With an adapter	❌ 01333-3005-00 EAN: 8051084820932	
RBM — R.M.B.		Thread: M30 x 1.5 mm.	✅ No adapter needed	❌	
ROCA BAXI GROUP — Roca		Clamp: 22.6 mm.	✅ With an adapter	✅ GIA-00	
SALUS CONTROLS — Salus		Thread: M30 x 1.5 mm.	✅ No adapter needed	❌	

Thermostatic radiator valves

Brand	Model	Type of connection	tado° compatibility	An adapter provided?	Image
SALUS CONTROLS Salus, SAM (Slovarm)		Thread: M28 x 1.5 mm.	✅ With an adapter	✅ M28 x 1.5-00	
SH Schlösser		Thread: M30 x 1.5 mm.	✅ No adapter needed	❌	
SH Schlösser		Unknown type of connection	❌ No adapter available	❌	
SIEMENS Siemens	RTN51, SSA911.01TH	Thread: M30 x 1.5 mm.	✅ No adapter needed	❌	
SIEMENS Siemens		Thread: M28 x 1.5 mm.	✅ With an adapter	✅ M28 x 1.5-00	
SIEMENS Siemens		Thread: M28 x 1.0 mm.	✅ With an adapter	❌ 6296/3 EAN: 4011395232583	
Simplex Simplex		Thread: M30 x 1.5 mm.	✅ No adapter needed	❌	
sunvic Sunvic	TRV 510	Thread: M28 x 1.5 mm.	✅ With an adapter	✅ M28 x 1.5-00	
TA HYDRONICS TA		Thread: M28 x 1.5 mm.	✅ With an adapter	✅ M28 x 1.5-00	

Thermostatic radiator valves

Brand	Model	Type of connection	tado° compatibility	An adapter provided?	Image
Vaillant, TA Heimeier		Clamp: 30.5 mm.	✅ With an adapter 🛒	❌ 700 100 001 EAN: 4260012710533	
Valf Sanayii		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 having 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 but in no way exhaustive.