

Compatibility Guide for the Wired and Wireless Smart Thermostat

Find out if tado° is compatible with your heating system.

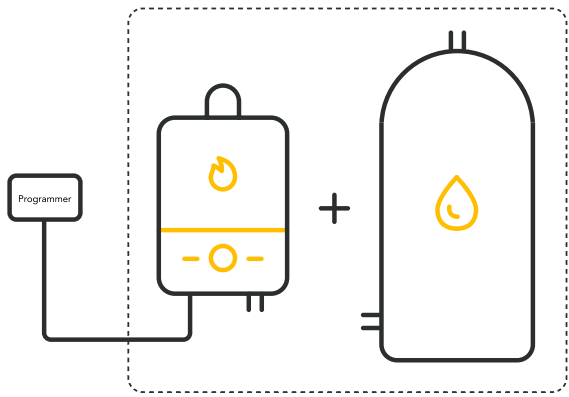
This guide is only intended for the United Kingdom and Ireland.

This document covers traditional heating setups, excluding heat pumps. If you have a heat pump, please use our [heat pump guide](#) instead.

Installation on different heating setups

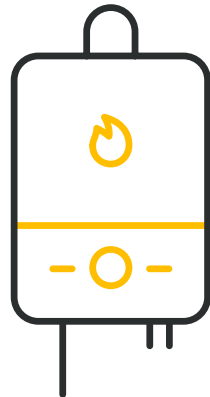
Compatibility and how you install tado° differ depending on your heating system. The two most common systems are system boilers (with external hot water tank) or combi boilers (with hot water on demand):

Heating systems with an external hot water tank (S-plan, Y-plan setups) - Always Compatible



- tado° is **always compatible** with system boilers if a *dual relay, heating/hot water programmer* is present in the system.
- tado° is compatible with both gravity fed heating systems and fully pumped heating systems.
- tado° can be installed to replace an existing controller.
- tado° **can not** be wired directly to system boilers.




Heating systems without an external hot water tank (combi boilers)



- tado° can be installed:
 - wired directly to the boiler.
 - to replace an existing controller.
- For combi boilers, check the compatibility of your boiler on the list on the next page.

Note: If you need to control a dual relay system for central heating and hot water, you will require the Wireless Smart Thermostat Starter Kit with Hot Water Control. tado° X and V3+ are both compatible with heating systems with an external hot water tank.
















For the compatibility of your combi boiler, please check the table provided below. The list includes the most common manufacturers in your country, but it is not exhaustive; if you cannot find your manufacturer, please use the compatibility checker on our website. If you're interested in more information or technical details, please see the section below the list.

Manufacturer/Type	Relay (on/off)	Digital control (Modulation)	Information
 Alpha			
Pro Tec			

 Compatible with V3+ and tado° X (Wired & Wireless)

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 Alpha HEATING INNOVATION Alpha			
E-tec ..			
All other types			
 ARISTON Ariston			
Micro .. City 24 MFFI Genus 27 BFFI Plus Combi A .. MFFi Clas He System .. Uno 24 M(FF)I DIA 24 MFFICE Type C SX 20 M EuroCombi ..			
ecoSmart .. Egis NOx .. FF			
alle overige types			
 BAXI Baxi			
Avant Combi Combi 8.. Copper 28 Fi Duo-Tec .. (all types except Duo-tec Combi .. ErP) Ecotherm Plus WGB-2N .. & -KN .. Galaxy .. Initia 3 Duo 3.24 .. Luna .. (all types except Luna 1.2../ Luna Blue 23 .. / Luna Duo-Tec .. MP / Luna Platinum .. / LUNA Super 240 Fi) Neodens Plus .. Neta-tec ..			

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BAXI Baxi			
Novamax .. Novanox Nuvola .. (Alle Ausführungen außer: Nuvola Platinum and Nuvola Platinum plus) Platinum .. Platinum Alux .. Platinum Compact .. Platinum.. Combi Power HT .. Prime .. Slim .. (all types except Slim .. iA50 / Slim pN-iPV)			
EcoCondens BBS EcoSolar BSK .. EcoTherm Kompakt .. All other Ecotherm Plus types except the one listed above EuroCondens .. Luna Platinum .. NXR3i ..			
Platinum 2 Combi .. Platinum Combi Plus .. Platinum Duo Plus .. Platinum Max Plus .. Platinum Plus .. Power 32			
All other types			
BIASI GENERAZIONE COMFORT Biasi			
Activ A .. Advance Plus .. C/S Binova			

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 BIASI <small>GENERAZIONE COMFORT</small> Biasi			
Inovia M94 Parva Recupera .. Recupera DGT RinNova			
All other types			
 BOSCH Bosch			
Ceraclass Smart .. CeraPur .. Cerasmart/Europur Cerastar/Eurostar ZWE/ZSE ..-4 .. Condens 5000 .. Condens 7000 HRC .. HRS .. 24 VRC EuroPur Gaz 5000 W Gaz 7000 WT Greenstar ..CDi Greenstar ..i Maxi.dens Mega.dens			
Condens 3500 .. Condens 6500 .. Greenstar ..CDi Compact Greenstar ..Si Compact			
 British Gas British Gas			
330+ RD 5..i combi			

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All other types			
			
Atlas D ..			
Bluehelix ..			
BlueSense			
CCS			
DOMIcompact F / C ..			
Domina .. DGT			
Domina Plus C .. E			
Domina Oasi .. E			
F ..			
Ferella Gold C ..			
GN-TK M Unit			
GN ..			
GRF			
GRK			
INNOX			
Maxima 35 S			
Modena .. S/E			
NEF H.P. CE			
nouvelle elite			
Optima			
Optimax ..C			
Optimax HE 18 ..			
Optimax HE Plus .. S / OV			
Pegasus ..			
Pegasus F ..			
Rendimax ..			
SGE ..			
Sigma			
SUN P..			
SYS 10-23			
Tantaqua ..			
Tempra ..			
Vantax El			

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Ferrolì Ferrolì			
Xignal CE			
All other types			
Glow•worm Glow worm			
Betacom .. Compact .. c Easicom .. Energy .. Essential .. Flexicom .. Home .. SemiaTek Condens ..AS/1/ MicraCom Condens ..AS/1 Ultrapower .. Ultimate .. Ultracom ..			
All other types			
GRANT Grant UK			
All types			
HEAT LINE Head line			
All types			
ideal HEATING Ideal			
Logic+ Combi .. Vogue System S.. + 7 day digital Programmer 172618 Zenis DUO 3.33 HTE			
All other types			

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 Intergas			
G22EW G..VR LOW NOx-Tronic H22VR.. Stellina CV Haard GS			
All other types			
 Keston			
C36 Combi 30 C Combi 30 / 35 C45.. / C55.. Qudos 28 ..			
All other types			
 Main heating			
Platinum Compact Eco			
All other types			
 Potterton			
NXR3i .. + KSF-ISR NXR3i .. + KSF-ISR + ISR Plus Paramount two .. Paramount three .. Sirius two WH .. Sirius two FS ..			
Assure System .. Assure Combi .. + FM/1 ..Z Paramount .. Promax Ultra Combi Sirius FS .. Sirius WH ..			

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POTTERTON Potterton			
WH ..			
All other types			
OR remeha Remeha			
GAS 110 .. OG 10 Penta Pro .. W 23c			
All other types			
Vaillant Vaillant			
aquaBLOCK .. aquaPlus .. atmoBLOCK plus Hrsolide VHR			
Boilers with control unit calorMATIC VRC 430 or calorMATIC VRC 470 Boilers with control unit multiMATIC 700 or sensoCOMFORT 720			
Boilers without fit-in or a simple fit in controller like a time clock apart from VKS systems VKC IT 322-3 120			
VKS systems, or boilers with VRC410, VRC420, VRC-VC control unit			
VIESSMANN Viessmann			
Vitodens 050-W/F to Vitodens 141-W/F except Vitodens 100-W WB1A			

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VISSMANN Viessmann			
Boilers with Vitotronic 100 and Vitopend 100, Vitodens 200/300, K 64-120 and Eurola boilers			
Boiler with Vitotronic 200/300			
WARMFLOW Warmflow			
Agentis External Agentis External (Combi) Agentis Internal (Combi)			
All other types			
WORCESTER Worcester			
Condens 5000 W ZSB / ZWB .. GB162 Greenstar 25Si/30Si Greenstar ..CDi Greenstar ..CDi Classic .. Greenstar ..CDi Compact Greenstar 30CDi System Greenstar 30CDi Classic System Greenstar .. HE Combi Greenstar Heatslave II .. Greenstar Highflow 440 Greenstar Highflow .. CDi Greenstar Highflow .. Greenstar ..Si Compact Greenstar ..i System Compact Greenstar ..i junior Greenstar ..i System ErP Greenstar 27/30Ri (Compact) Greenstar 12i / 15i / 18i / 24i / 27i System Greenstar R.. HE Conventional R 28 HE RD 5..i combi			

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 Worcester			
All other types			

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Technical information

Disclaimer

- DIY installation is dependent on your overall setup; even if a boiler is compatible, it may need to be rewired to work with the tado° Smart Thermostat X or V3+. In these cases, we recommend contacting a professional installer. Please be aware that tado° does not cover installation costs.
- If anything is unclear or you have any questions, please contact our support team via chat at www.tado.com for assistance.

General

- Depending on your overall setup, you can receive customised DIY instructions for your heating system via the tado° app. Check your 'Get Started' leaflet.
- Generic installation manuals for professional installers can be found on our [tado° for Installers app](#).
- This document applies to both wired and wireless tado° Smart Thermostat setups. If you're replacing a wired thermostat, look into the wired Smart Thermostat. If you're replacing a wireless thermostat or installing it directly to a new boiler, go with the wireless option.



Heating control with tado°

- If you have an existing relay (on/off) room thermostat in a water-based heating system (radiator or underfloor heating) it can be replaced with a Smart Thermostat.
- Electric heating systems (not water-based) are not compatible with tado°, for more information please refer to [this article](#).

District heating and block heating

- If you currently do not use a wall thermostat for your radiators supplied by district or block heating, then you should use our [Smart Radiator Thermostat](#) to control your radiators. A Smart Thermostat is not needed in this case.

Technical compatibility

- The Smart Thermostat X cannot be used in the same tado° Home as previous generation tado° devices (tado° V3+ and earlier).
- The Smart Thermostat (wired & wireless) can switch up to 3 amps.
- External temperature sensors do not affect your system's compatibility with tado°.