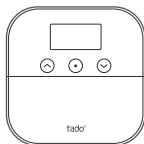




Manual for Professional Installers

For the tado° Heat Pump Optimizer X

English International, Manual version 1.0



To test devices, connectivity, and more during on-site installations, **download the tado° App for Professionals.**



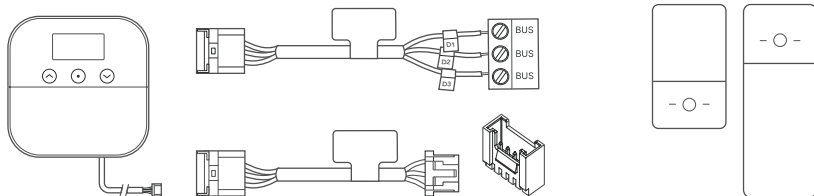
Not a professional installer?

Go to your tado° app to find personalized, step-by-step installation instructions.

1. Wire the Heat Pump Optimizer X

⚡ Caution! Turn mains power OFF before wiring.

i Check the heat pump manual before wiring.



i The table below provides general guidelines for your configuration. Make sure to visit tado.com/heat-pump-compatibility for all available compatibility information.

Manufacturer	tado° Adapter	tado° wires D1 D2 D3			Connector in heat pump	Control interface
Vaillant, Saunier Duval, AWB, Bulex, Hermann	Multi-Adapter	eBUS(+)	eBUS(-)			Vaillant-e-Bus
Atlantic, Fujitsu, Elco, Brötje	Multi-Adapter	CL+	CL-			BS-Bus
Daikin	Multi-Adapter	P1	P2			P1-P2-Bus
LG	LG Adapter				CN_WF	UART
Panasonic	Panasonic Adapter				CN_CNT	UART
Others*		i Common terminal labels on the heat pump.			i Connector labeling on the electrical control board.	

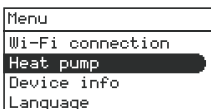
*Specific wiring instruction for your heat pump model are in the tado° App for professionals.

2. Connect to Wi-Fi

A. Use the tado° App for Professionals or press the middle button to enter the menu.



B. Select "Wi-Fi Connection".



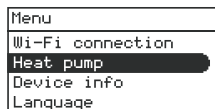
C. Connect to Wi-Fi with WPS.



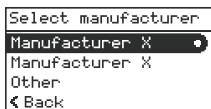
Your device will update automatically to the latest firmware.

3. Configuration

A. Select "Heat Pump" in the menu.

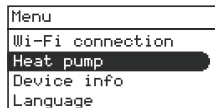


B. Select the manufacturer of your heat pump.

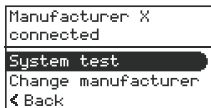


4. Test the system

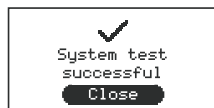
A. Select "Heat Pump" in the menu.



B. Select "System Test" and start the test.

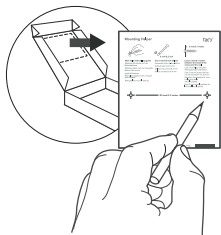


C. Your installation works correctly.

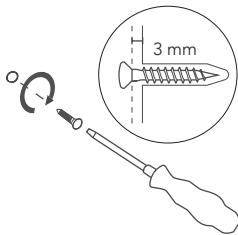


5. Mount the Heat Pump Optimizer X

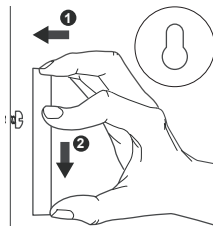
A. Use the mounting helper (on the back of the "Get Started" leaflet) to mark and drill the holes for mounting.



B. Fix the screws into the holes, and ensure a 3mm gap between the wall to leave space to mount the device.



C. Place the Heat Pump Optimizer X onto the screws and slide down to mount.



Need help?

Find additional **Professional Installer Manuals** here.



tado.com/professional-manuals

Access our **Professional site** here, where you can find the **tado® installer hotline**, and get tips and professional advice on our products.



tado.com/installers

Find more information on error codes in our **Help Center**.



tado.com/get-help

