tado°
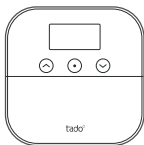
Manual for Professional Installers

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.**
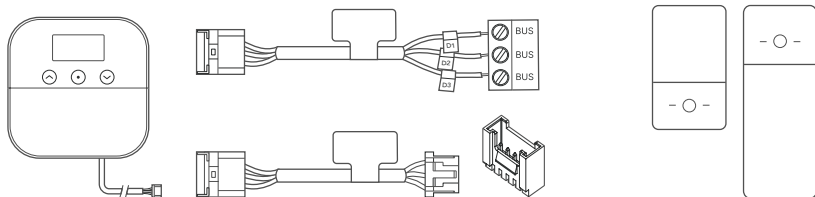
Download on the App Store

GET IT ON Google Play

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.
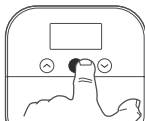
ⓘ Check the heat pump manual before wiring.

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

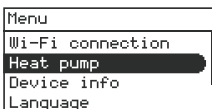| Manufacturer	tado° Adapter	tado° wires			Connector in heat pump	Control interface
		D1	D2	D3		
Vaillant, Saunier Duval, AWB, Bulex, Hermann	Multi-Adapter	eBUS**(+)**	eBUS**(-)**			Vaillant-e-Bus
Atlantic, Fujitsu, Elco, Brötje	Multi-Adapter	CL**+**	CL**-**			BS-Bus
Daikin	Multi-Adapter	P1		P2		P1-P2-Bus
LG	LG Adapter				CN_WF	UART
Panasonic	Panasonic Adapter				CN_CNT	UART
Others*		ⓘ Common terminal labels on the heat pump.			ⓘ 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.
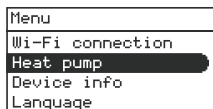
B. Select "Wi-Fi Connection".
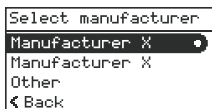
C. Connect to Wi-Fi with WPS.

▶

```
Menu
Wi-Fi connection
Heat pump
Device info
Language
```

▶

```
How do you want to
connect to Wi-Fi?
Start WPS
Wi-Fi password
< Back
```

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.
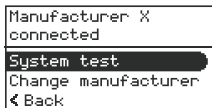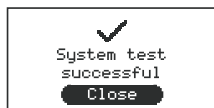
```
Menu
Wi-Fi connection
Heat pump
Device info
Language
```

▶

```
Select manufacturer
Manufacturer X
Manufacturer X
Other
< Back
```

4. Test the system

A. Select "Heat Pump" in the menu.
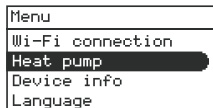
B. Select "System Test" and start the test.

C. Your installation works correctly.

```
Menu
Wi-Fi connection
Heat pump
Device info
Language
```

▶

```
Manufacturer X
connected
System test
Change manufacturer
< Back
```
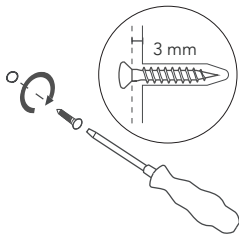
▶

```
✓
System test
successful
Close
```
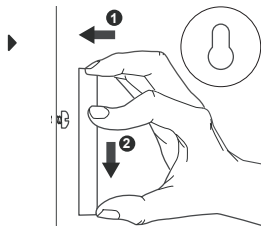
5. Mount the Heat Pump Optimizer X

A. Use the mounting helper (on the back of the "Get Started" leaflet) to mark and drill the holes for mounting.
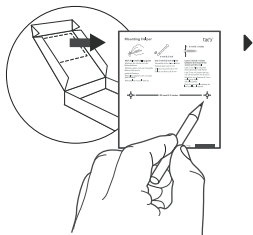
B. Fix the screws into the holes, and ensure a 3mm gap between the wall to leave space to mount the device.

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

3 mm

Need help?

Find additional **Professional Installer Manuals** here.

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

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

tado.com/professional-manuals

tado.com/installers

tado.com/get-help

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