Description and Configuration
Wi-Fi Router

IV PRODUKT

Documentation for your unit

1. Go to IV Produkt's order portal, *orderdocs.ivprodukt.com* or scan the QR code.
2. Enter your order number.
3. Press ENTER or click search.
4. Select your order.

Is documentation missing?

Contact
DU@ivprodukt.se

Contents

Wi-Fi router, description and configuration

The Wi-Fi router is an accessory, code STI-09, which allows communication with IV Produkt's air handling unit in instances where the property is lacking network communication with the unit. The Wi-Fi router can be used for all unit series equipped with Climatix control equipment from the year 2009.

The Wi-Fi router is intended for use with the app IV Produkt AHU Controls and/or cloud service IV Produkt Cloud.

1. Communication with app **AHU** Controls

The description refers to the use of the Wi-Fi router for communication between the unit and the IV Produkt AHU Controls app (STI-102).

Wi-Fi router (2) connects to Climatix (1) in the unit.
The user (4) can then access the unit via a tablet/phone (3).

1. Make sure the Wi-Fi router is connected to the unit. The Wi-Fi router is normally installed and configured from the factory. If not, refer to Retrofitting.
2. Connect your smartphone or tablet under Wi-Fi settings to the Wi-Fi router's SSID (TP-LINK_XXXX). The SSID and password are specified on the sticker and on the back of the Wi-Fi router.
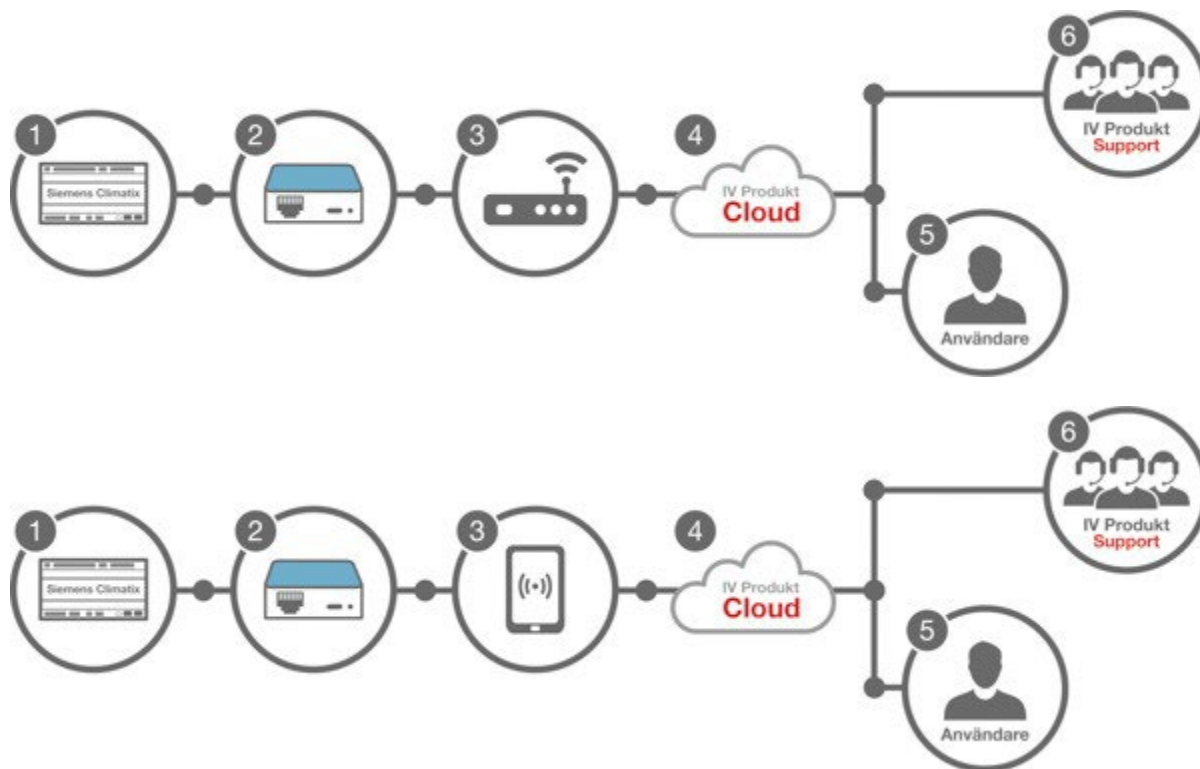

    Example of label

3. Access the app's AHU Controls. The Wi-Fi router's IP-address is shown in the app.

2. Communication with IV Produkt Cloud

The description refers to the use of the Wi-Fi router for communication between the unit and the IV Produkt AHU Controls app (STI-08).

The Wi-Fi router (2) is connected to Climatix (1) in the unit, the Wi-Fi router (2) is then connected to the Internet connected WLAN/phone (3). User (5) or IV Produkt Support (6) can then via IV Produkt Cloud (4) access the unit.

To connect the Wi-Fi router to a wireless network with internet access, follow the instructions below.

1. Check that the Wi-Fi router is connected to the unit. The Wi-Fi router is normally installed and configured from the factory. If not, refer to Retrofitting.

2. Ensure that the wireless network you will connect to is available and has access to the Internet.
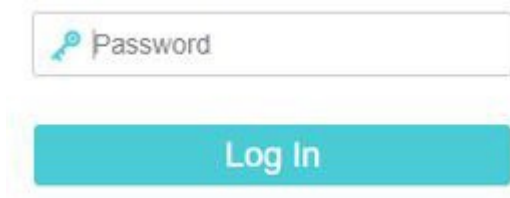
3. Connect your smartphone, tablet or computer under Wi-Fi settings to the Wi-Fi router's SSID (TP-LINK_XXXX). The SSID and password are specified on the sticker and on the back of the Wi-Fi router.

Example of label

NB! If you intended to use the phone for Internet sharing, you cannot connect to the Wi-Fi router with the phone at the same time to perform this configuration. In that case you need an additional device (tablet, computer or phone).

4. Open the web browser and connect to http://192.168.1.1 (Routers delivered before October 2019: 192.168.0.1)

5.

Password = Adminxxxxxxxx (xxxxxxxx=WiFi-password)

(Routers delivered before October 2021: Log in with [⬍] admin [🔑] admin)

6. Click ___Quick Setup___

7. Click [Next] in the following steps until you get to the wireless network list.

8. Select the wireless network that you will connect to by clicking Connect.

ID	BSSID	SSID	Signal strength	Channel	Encryption	Connect
1	2C:3E:CF:1C:55:91	IVP-users	80	11	WPA2/AES	Connect
2	2C:3E:CF:1C:55:90	Guests	79	11	None	Connect
3	2C:3E:CF:0B:3F:F0	Guests	56	1	None	Connect

9. Enter the password (Wireless password:) for Client Setting of the wireless network you will connect to. Click [Next]

10. To finish the configuration, select [Finish]

The Wi-Fi router will now connect to your wireless network.

3. Retrofitting the Wi-Fi router

1. Shut down the unit via the control terminal (lock the safety switch in the 0 position).

2. Open the control cabinet.

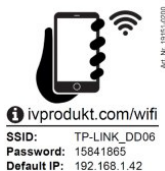3. Connect a network cable between the Wi-Fi router and the Ethernet Port on Climatix.

   Connect the power supply cable from the USB port to the Wi-Fi router port (micro USB).

4. Position the Wi-Fi router in a suitable place using the Velcro tape on the Wi-Fi router.

5. Turn on the power (safety switch on)..

7. Reserve the IP address for Climatix as below.

4. IP address reservation

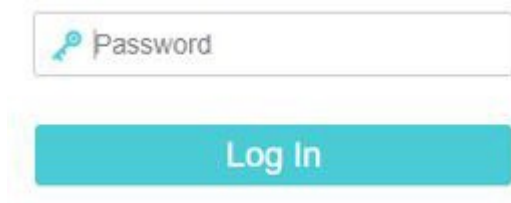Used to lock the IP address so that Climatix is always assigned the same IP address.

1. Connect your smartphone, tablet or computer under Wi-Fi settings to the Wi-Fi router's SSID (TP-LINK_XXXX). The SSID and password are specified on the sticker and on the back of the Wi-Fi router.

   ivprodukt.com/wifi
   SSID: TP-LINK_DD06
   Password: 15841865
   Default IP: 192.168.1.42   *Example of label*

2. Open the web browser and connect to http://192.168.1.42 (Routers delivered before October 2019: 192.168.0.1)

3.

    Password = Adminxxxxxxxx (xxxxxxxx=WiFi-password)

    (Routers delivered before October 2021: Log in with ⬍| admin 🔑 admin)

4. Click DHCP

5. Then click - DHCP Clients List

6. Copy the Climatix (POL648_xxx) MAC address, example 00-A0-03-0B-DF-01

7. Click - Address Reservation

8. Paste the MAC address and enter Reserved IP Address -> 192.168.1.42. Set status to Enabled.
   Click Save.

9. Check that Climatix is set for DHCP active, i.e. is assigned an IP address:

   • log in with code 2000
   • go into menu: Main menu->System settings->Communication->TCP/IP)
   • check that DHCP is active, if not change
   • perform a restart (last row in the TCP/IP menu)

10. Switch off Climatix and the Wi-Fi router (for factory installation, the Wi-Fi router is powered via Climatix). Turn on the power again.

Your Climatix will now have the same IP address.

5. Put into Operation Mode

From IV Produkt, the Wi-Fi router is configured by default in "WISP" mode (in certain routers, this mode is called "Hotspot Router" instead).
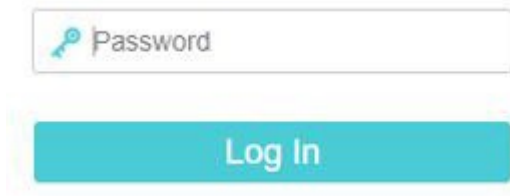
1. Connect your smartphone, tablet or computer under Wi-Fi settings to the router's SSID (TP-LINK_XXXX). The SSID and password are specified on the sticker and on the back of the Wi-Fi

   router.

2. Open the web browser and connect to http://192.168.1.1 (Routers delivered before October 2019: 192.168.0.1)
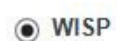
3.

   Password = Adminxxxxxxxx (xxxxxxxx=WiFi-password)

   (Routers delivered before October 2021: Log in with   admin   admin)

4. Click Operation Mode

5. Click WISP

   ◉ WISP

   (in some models this mode is called "Hotspot Router" instead)

   Hotspot Router
   Share Internet connection anywhere public Wi-Fi exists. For example: hotel room, trade show, ...
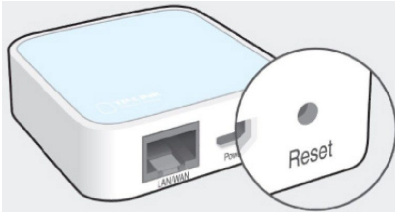
7. Click Save and reply OK to the question that is shown.

The Wi-Fi router is now configured to assign an IP address to Climatix via its LAN/WAN port.

6. Factory reset

If the Wi-Fi router needs to be reset to factory settings:

- Make sure the Wi-Fi router is turned on
- Use a paperclip or similar
- Hold in the Reset button for approx. 5 seconds. Then release the button and the Wi-Fi router will automatically reset

The Wi-Fi router then needs to be reconfigured for Climatix (IP address reservation and set to Operation Mode.

Feel free to contact us

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