ConnectedCooking HMP

1 Network requirements – ConnectedCooking Hygiene Management Pro

Requirements for successful integration of the RATIONAL unit into your network:

- Your unit is is equipped with a network connection or
- The unit has an internal Wi-Fi interface (e.g. iCombi Pro, iVario Pro or the additional Wi-Fi option for the iCombi Classic unit) or
- The Wi-Fi adapter option (RATIONAL 60.76.714) is installed.
- The unit displays the current date and time.
- The unit is equipped with the current software version, see Table 2.

The unit is connected to the Internet via:

- LAN: network connection socket with cable near the unit. It may be necessary to retrofit older unit models with an Ethernet connection.
- Wi-Fi (802.11b/g/n 2.4 GHz, WPA2): Good reception at the installation site via internal or external Wi-Fi interface.

The The cooking system is connected to the network as follows:

- LAN: an RJ45 cable connects the RATIONAL unit to a nearby network connection
- Wi-Fi: A built-in or external Wi-Fi interface (e.g. article no. 60.76.714, article no. 60.76.603) that connects to a Wi-Fi 802.11b/g/n (2.4 GHz) access point.
- All mains components must be installed in such a way that they are protected against splashes and water jets in accordance with the ambient conditions.

ConnectedCooking application:

To access ConnectedCooking, all you need is an Internet browser (Chrome, Firefox, MS Edge in the latest version) and access to *connectedcooking.com via port 443. ConnectedCooking does not install any programs on your computer.

Unit	Target	Protocol	Port	Direction	Description
SelfCookingCenter, VarioCookingCenter iCombi Pro, iVario Pro	*.connectedcooking.com	TCP	443	Outbound	HACCP data; Device data, if proxy server

Unit	Target	Protocol	Port	Direction	Description
SelfCookingCenter, VarioCookingCenter iCombi Pro, iVario Pro	*.connectedcooking.com	TCP	8883	Outbound	Device data
SelfCookingCenter, VarioCookingCenter iCombi Pro, iVario Pro	Customer DNS server	TCP/UDP	53	Outbound	DNS service
SelfCookingCenter, VarioCookingCenter iCombi Pro, iVario Pro	Customer DHCP server	UDP	68	Broadcast	DHCP service
iCombiClassic	*.connectedcooking.com	TCP	8443	Outbound	HACCP data, Device data, if proxy server
iCombiClassic	*.connectedcooking.com	TCP	8884	Outbound	Device data
iCombiClassic	Customer DNS server	TCP/UDP	53	Outbound	DNS service
WGT-11	*.connectedcooking.com	TCP	8883	Outbound	MQTT
WGT-10	*.connectedcooking.com	UDP	1800/1801/1802	Outbound	Semtech UDP
WGT-10 WGT-11	0.pool.ubuntu.com	UDP/TCP	123	Outbound	Time server
WGT-10 WGT-11	1.1.1.1	ICMP	Ping	Outbound	Internet check

Unit	Target	Protocol	Port	Direc-tion	Description
WGT-10 WGT-11	*.connectedcook-ing.com	TCP	443	Out-bound	Connected-Cooking
SenseAny-where	8.8.8.8	TCP/UDP	53	Out-bound	DNS ser-vice
SenseAny-where	a.sa1.nl	TCP	80	Out-bound	Device data

Tab. 1: Communication ports

Unit	Min. required version	Availability
SelfCookingCenter	SCC_07-00-10-6.34 or higher	June 2022
VarioCookingCenter	VCC-01-02-04.7 or higher	June 2022
iCombi Pro	LM100-16.2.25 or higher	June 2022
iCombi Classic	LM200-8.0.0 or higher	June 2022
iVario Pro	LMX-2.10.0 or higher	June 2022

Tab. 2: Software versions

Region	Frequency (MHz)
EU	863-870
US	902-928
AU	915-928
CN	779-787, 470-510

Tab. 3: LoRa frequencies