



inVENTer

Quick Guide: User Manual

Basic Connect e4 / e8



1003-0155	1003-0159
1003-0156	1003-0160
1003-0157	1003-0161
1003-0158	1003-0162



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1 System overview

The inVENTer Connect controller platform is an innovative control system for decentralised inVENTer iV ventilation devices with heat recovery. It allows all devices in a system to be integrated into an 868 MHz wireless network and controlled and programmed wirelessly. Depending on structural and individual requirements, the platform can be set up with the following components:

The controller is the central hub for the inVENTer Connect wireless network. Two versions are available:

- **Basic Connect e4/e8 for up to 8 devices¹**
- **Easy Connect e16 for up to 16 devices²**

The wireless control unit has an info display and can be used for quick access. The Easy Connect e16 controller also supports control of the system using the “inVENTer Mobile” app (Bluetooth interface, BLE).

The **Connect/Connect Twin+/Connect Office/MaxAir inner panels** replace the standard inner panels for the iV-Smart+, iV14-Zero, iV-Compact, iV-Light, iV-Twin+, iV-MaxAir and iV-Office ventilation devices to enable integration into the wireless network. In addition to the wireless interface, the inner panels have local control electronics, a power supply unit, and automatic closure flaps.

The **CS2-Connect CO₂ sensor** is an optional wireless sensor for monitoring carbon dioxide, temperature, and humidity within a ventilation zone, allowing ventilation to be adjusted as needed.



¹ e4: max. 4 devices + 2 sensors, e8: max. 8 devices + 2 sensors

² Max. 16 devices, including sensors

The **FTS19-Connect indoor humidity/temperature sensor** is a wireless sensor for monitoring temperature and humidity within a ventilation zone, allowing ventilation to be adjusted as needed.



The **FTS19-Connect outdoor humidity/temperature sensor** (optional) is an outdoor wireless sensor for communicating ambient temperature to the system.



The **SK19-Connect switching contact** (optional) is a wireless interface for integrating safety devices when the ventilation system is operated at the same time as fireplaces.



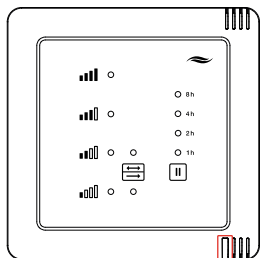
“inVENTer Mobile”: The free app from inVENTer for Android™ and iOS

The system can also be controlled and programmed with the app (available only when an Easy Connect e16 controller is used).

The app allows detailed system setup and provides access to the full range of functionality.



2 Operating and display elements



Display LED

- Continuous illumination
- ⊗ Flashing

	green/blue	Searching for wireless channel
	white	Coupling mode active
	pink	Confirm filter change
	blue	Function not assigned
	red	Reset to factory settings
	red	SK19 sensor triggered

Ventilation levels:

Boost	100%	Air Volume Flow
4	75%	
3	50%	
2	35%	
1	25%	

○ Mode:



○

Switch between heat recovery (orange LED) and ventilation (blue LED)

Flashing LED = time to change the filter

○ 8h

○ 4h

○ 2h

○ 1h



Pause:

Pause ventilation
(1, 2, 4, or 8 hours)








The display switches off automatically after 30 seconds of inactivity. To switch on the display, press any button.

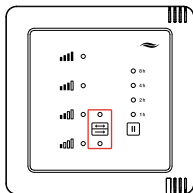
3 Setting ventilation levels







- Press the ventilation buttons:

-  ○ = 25%
-  ○ = 35%
-  ○ = 50%
-  ○ = 75%
-  ○ x 5 seconds = 100% (max. 1 hour)

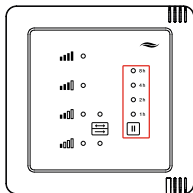
4 Setting ventilation mode



- Press the mode button:

-  ○
-  = heat recovery
-
-
-  = ventilation
- 

5 Pausing ventilation



- Press the Pause button multiple times:

- 8h = 8-hour pause
- 4h = 4-hour pause
- 2h = 2-hour pause
- 1h = 1-hour pause
- LEDs off = no pause

6 Activating the button lock



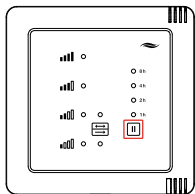
- **To activate**
Press the Mode button + Pause button:
[Mode] + [Pause] for 5 sec. until all LEDs flash once

- ▶ All buttons are locked.
- ▶ When a button is pressed, all LEDs illuminate briefly.

- **To deactivate**
Press the Mode button + Pause button again:
[Mode] + [Pause] for 5 sec. until all LEDs flash once

- ▶ All buttons are unlocked.

7 Switching off the system



- **To switch off**
Press the Pause button:
[Pause] for 5 sec. until the Pause LEDs flash once

- ▶ The system switches off completely.
- ▶ The closure flaps close.

- **To switch on**
Press the Pause button again:
[Pause] for 5 sec. until the Pause LEDs go out

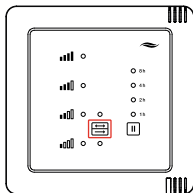
- ▶ The system switches on.
- ▶ The mode last selected is activated.



The controllers with the following item numbers cannot be switched off completely. After being switched off for 8 hours, they switch on again automatically: 1003-0156, 1003-0158, 1003-0160, 1003-0162

8 Settings

8.1 Activating coupling mode



- **To activate**

Press the mode button:



for 3 sec. until the display LED flashes white

- ▶ Coupling mode remains active for 5 min.
- ▶ The Pause LEDs show the number of coupled devices (total of illuminated LEDs).

- **To terminate**

Press the mode button again:

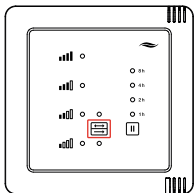


- ▶ Coupling mode is terminated.




For more information about device coupling, see the user manual for the inVENTer Connect controller system (5022-0006).


8.2 Confirming filter change



- To confirm a filter change, press and hold the mode button:

 for 3 sec. until the display LED flashes white

+

 for 3 sec. until the display LED lights up pink

+

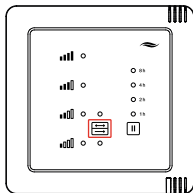
Release 

- ▶ The filter change reminder is reset.
- ▶ The next reminder will appear in 6 months.


8.3 Resetting to factory settings




Upon reset to factory settings, all modified settings will be deleted. Coupled devices will also be disconnected.




- To reset to factory settings, press and hold the mode button:

 for 3 sec. until the display LED flashes white


+

 for 3 sec. until the display LED lights up pink

+

 for 3 sec. until the display LED lights up blue

+

 for 10 sec. until the display LED lights up red

+

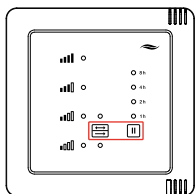
Release 


+

Press  once more to confirm

▶ The device is reset to factory settings.





9 Reading out hours of operation



- To read out hours
Press the mode button + Pause button:
 +  for 10 sec. until the LEDs flash

- ▶ The flashing pattern of the LEDs shows the hours of operation (ventilation level LEDs: decimal place, sum of the Pause LEDs: number)

Example:

 ○ + ○ 4h + ○ 1h	→	5 h
 ○ + ○ 4h + ○ 2h + ○ 1h	→ +	70 h
 ○ + ○ 2h	→ +	200 h
 ○ + ○ 1h	→ +	1000 h
Total		<hr/> = 1275 h

- ▶ The normal display then appears again automatically.



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Sie sich die Originalanleitung gut durch und beachten Sie die Sicherheitshinweise. | **This documentation is only valid in conjunction with the inVENTer ventilation system's original instructions.** Carefully read the original documenta-

tion before beginning your work and observe all safety and warning instructions. |

Dit document is alleen geldig in combinatie met de originele gebruiksaanwijzing van de inVENTer ventilatie-units. Lees de originele instructies

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