

## Adapter part

11091000  
PressureWatch™

The universal solution for remote supervision of box fans. In case of malfunction, it emits automated and custom alerts (with configurable criteria and thresholds) to facilitate decisions on actions and to improve incident monitoring.



## PRODUCT BENEFITS

The solution is supplied ready to install and activate. It is compatible with all ventilation systems and ducting.

## Principles of operation

- The PressureWatch™ is a connected pressure sensor, ready to use, can be installed on any type of box fan or ventilation ducting to monitor and manage its operation. Automatic alerts are sent to identified users.
- PressureWatch™ is battery-powered and measures either a pressure difference between inside a fan unit and the atmospheric pressure, or a pressure difference either side of a component (e.g. filter),
- This product meets user needs for remote monitoring of any ventilation system (especially EasyVEC® C4 Standard fan units),
- The product transmits data once per hour (24 frames every day), for storage in the Cloud and availability on the AldesConnect® Pro platform,
- The product must be registered on the AldesConnect® Pro platform,
- High and low level alert thresholds can be configured in the AldesConnect® Pro platform to ensure you are alerted if these levels are exceeded.
- The alerts log and all measurement data can be downloaded from the platform.
- The product is powered by an internal, changeable, connectorised battery pack.

## Product description

- The product is supplied with the following elements:
  - Housing, fitted sole and PCB, FANSO ER18505 battery pack.
  - 2 x CBLZ screws 3.5x19 mm, 2x Fischer SX5 plugs,
  - 1 pressure tap silicon tube (1 m long),
  - 1 activation magnet,
  - 1 instruction guide,
- Measurement range: -500 / +500 Pa
- Measurement precision: +/- 30 Pa
- Measurement resolution: 1 Pa

## Fields of application

Multi-occupancy residential housing, New, Refurbishment, Non-residential buildings

## Installation

- Install the sensor on the unit or duct using the fasteners supplied,
- Register the sensor on myAldes,
- Customise the alert thresholds for operation,
- Receive alerts immediately,
- Consult the operation of your systems.
- Subscription to the AldesConnect® Pro service is required.

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## Reference arguments

- The PressureWatch™ is a pressure switch fitted with a radio transmitter ready for use. It measures:
  - the pressure difference between the inside of a box fan and ambient pressure
  - the pressure difference on either side of a component (e.g. filter),
- Serves to monitor a ventilation system at a distance:
  - The sensor must be registered on the AldesConnect® Pro platform which provides an overview of your connected devices, with indicators and key information about your devices and for each installation monitored.
  - High and low level alert thresholds can be configured in the AldesConnect® Pro platform to ensure you are automatically alerted by email in case these levels are exceeded.
  - The product transmits the data once an hour (24 frames a day),
  - The data (measurements, events and alerts) can be shared or downloaded via the AldesConnect® Pro platform.
- The product is powered by an internal, changeable connectorised battery pack,

## Main characteristics

- Compatible with all fan units and ventilation ducting,
- Customised automated alerts,
- Real-time display of status of equipment on the AldesConnect® Pro platform.

## Supplementary characteristics

- Airtight,
- Complies with class C4 (independent power supply),
- Compatible with AldesConnect® Pro platform,
- Data export

## Contents of kits

Ready-to-install kit in carton:

- Box, fitted baseplate and PCB, FANSO ER18505 battery pack,
- 2 x CBLZ screws 3.5x19 mm, 2x Fischer SX5 plugs,
- 1 pressure tap silicon tube (1 m long),
- 1 activation magnet,
- 1 instruction manual.

## Dimensional data

Variants	H (mm)	L (mm)	P (mm)
11091000	200	63,5	34