



**Bring the outside air in
to feel good inside**

COMPACT AIR

COMPACT PACKAGED ROOM
VENTILATION UNIT



Swegon 



Why **Ventilate?**

Ventilation has always been important, for the health of the building and the occupants, but never more so than now. Latest guidelines from the World Health Organisation and others suggests that viruses can be transmitted via the air in a room and cause harm in just the same way other contaminants and pollutants such as bad odours, CO₂, and excessive moisture can do. It is therefore critical that indoor spaces are well ventilated, to change the air within the room as quickly and effectively as possible.

This can be done by simply opening a window of course, but whilst outdoor air is a good thing, if it is unfiltered it may bring with it new pollutants such as nitrous oxide from traffic fumes, as well as noise. Throughout the majority of the year, opening the window will also mean losing expensive heat from the room.

COMPACT Air from Swegon solves all these problems. COMPACT Air extracts stale and polluted room air and replaces it with filtered outdoor air, with the heat in the extracted air being recovered by a thermal wheel heat recovery device of up to 85% efficiency.

COMPACT Air Simple ventilation

COMPACT Air is a complete packaged ventilation unit that can be installed directly in the room to be ventilated.

Installation could not be much more simple. Openings should be made in the external wall for the two ducts, one to bring fresh outdoor air in and one to let stale extract air out, and the unit connected to a standard mains power supply. The installation work can be carried out very quickly and easily and the unit can be operational in just a few hours.

COMPACT Air can be quickly and easily installed to provide comfort ventilation in:

- Classrooms
- Day nurseries
- Conference halls
- Offices
- Opticians
- Dental surgeries
- Care homes
- Shops
- Pubs
- Restaurants
- and more





Why should I choose **COMPACT Air**?

/01 Simple Installation

The units can be installed quickly and easily and this involves minimal strain on the business operations while the installation is in progress. The only work required involves forming the openings in the external wall for the outdoor air and exhaust air ducts as well as connecting the unit to the mains electric supply.

/03 Optimal Operating Economy

COMPACT Air achieves optimal operating economy thanks to their energy saving fans, effective heat recovery and complete control of temperatures, airflows and operation periods as well as economic control functions. This lowers the costs of operation whilst ensuring comfortable ventilation rates are achieved.

/02 Economical Control Functions

A large number of functions integrated into the control system are ready to be activated, many of which offer unique opportunities for saving energy. The air handling units are ready to be connected to most existing building management systems. Communication can also take place directly in a network via an ordinary web browser.

/04 Effective Ventilation

Compact Air uses the displacement ventilation principle to provide effective ventilation and to lift contaminants from the space via naturally rising air currents, without creating any draught.

Feel good **inside**



Swegon 