

# OXYGEN

## DEMAND CONTROLLED HEATING & MECHANICAL VENTILATION

**Jaga Oxygen works alongside our Low-H<sub>2</sub>O radiators to deliver an energy-efficient, intelligent and fully programmable heating and ventilation solution.**

This supply and extract system brings in fresh air at low-levels and extracts stale room air at high-levels creating optimal air movement, ensuring optimum indoor air quality (IAQ).

Due to its modular design this system is particularly effective for rooms with high occupancy such as classrooms, and rooms of lower occupancy such as offices and care homes.

Oxygen delivers clean, filtered, fresh air on demand and efficiently, in buildings of any age or type.



*BUILDING  
BRIDGES*



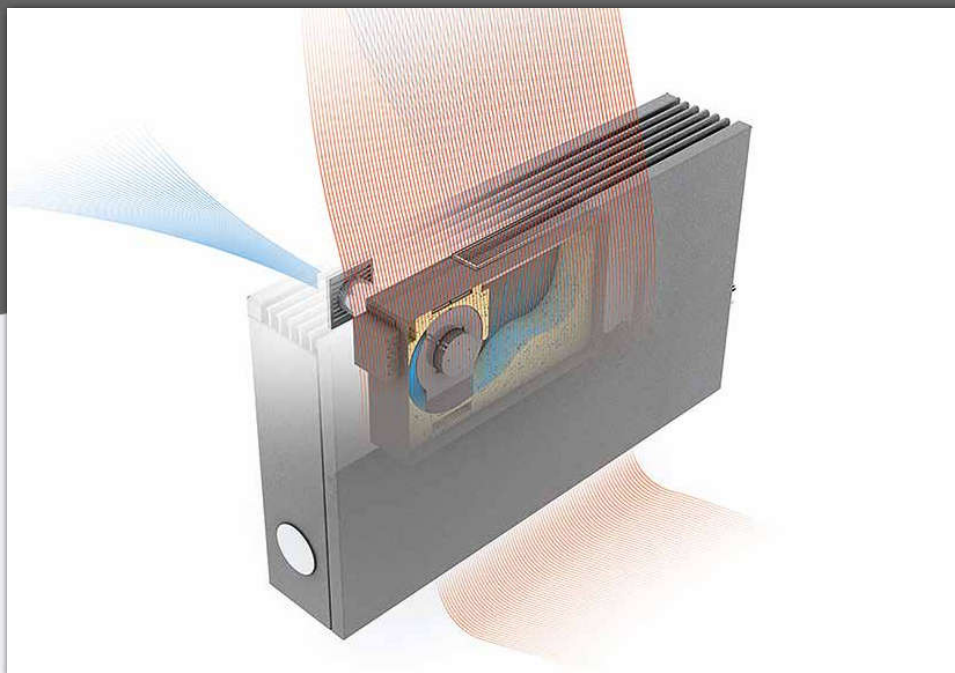
## WHY CHOOSE DEMAND CONTROLLED MECHANICAL VENTILATION?

Demand Controlled Mechanical Ventilation only vents fresh filtered air when required, meaning that it is the most energy efficient method of ventilation whilst also eliminating the drawbacks of draughts and noise pollution. CO<sub>2</sub> levels are constantly monitored meaning that if occupancy levels rise or fall the system will draw in more or less fresh air, ensuring good indoor air quality is always present.

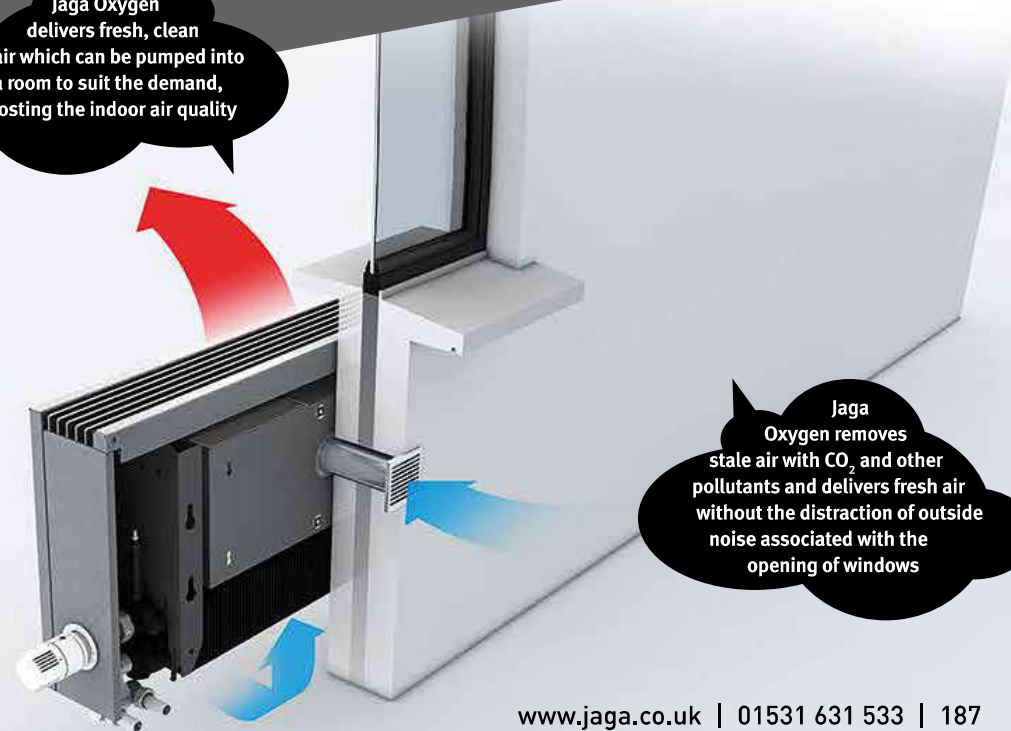
This control method also allows the system to react to other parameters such as temperature, thus also increasing comfort.

Jaga Oxygen is an energy efficient, innovative and highly responsive heating and ventilation solution providing automated:

- CO<sub>2</sub> monitoring
- Clean, fresh air on demand – adapting to the changing requirements of the room
- Heating even at low water temperatures
- Free night-time 'cooling' for energy efficient secure summer time cooling



Jaga Oxygen delivers fresh, clean air which can be pumped into a room to suit the demand, boosting the indoor air quality



Jaga Oxygen removes stale air with CO<sub>2</sub> and other pollutants and delivers fresh air without the distraction of outside noise associated with the opening of windows