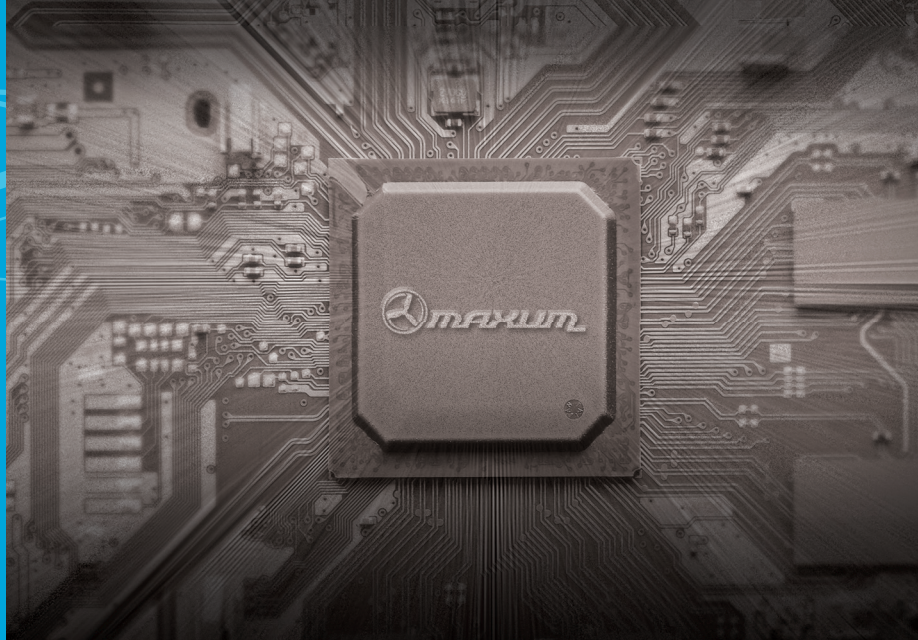


# EXPERT 21+

## NATURAL VENTILATION



## Managing the building environment for high performance

Smoothly connects Isocell zones, chimneys, tunnel fans, stir fans and heaters into one integrated system.

- Natural ventilation
- Tunnel ventilation
- High Pressure Misting

**EXPERT 21+**  
Natural ventilation

### L'Expert 21+ Features include:

- Minimum ventilation cycles
- De-icing cycle
- Drying cycle
- Manual mode
- Test mode
- Alarms

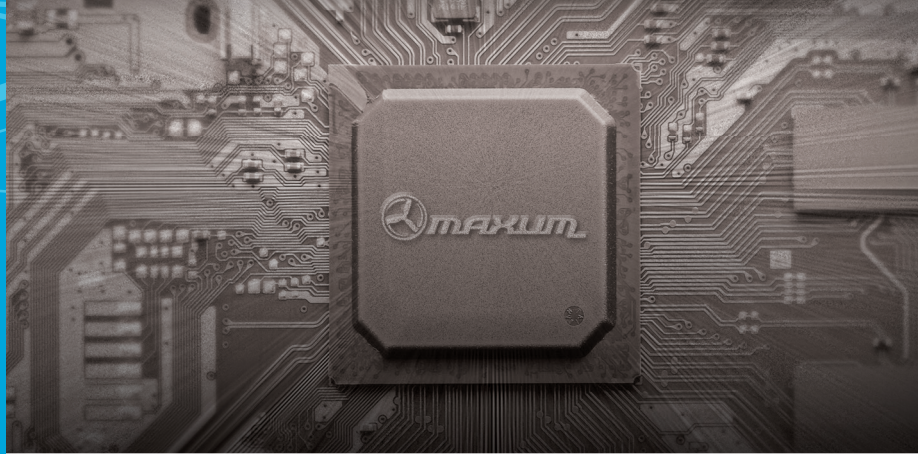
### Optional wind speed & Direction compensation

If either wind speed or direction are unfavorable for the current ventilation in the building, the Expert 21+ will adjust the Isocell opening to compensate. This will maintain the desired building conditions.



# EXPERT 21+

## NATURAL VENTILATION



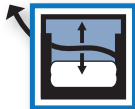
### ISOCELL BLOWERS

- Up to 5 independent zones can be selected with 4 air blowers per zone
- A total of 20 air blower outputs



### TEMPERATURE PROBES

- Up to 8 indoor probes and 1 outdoor probe can be selected
- Assign which probes are to be used for each IsoCell zone, chimney



### MINIMUM VENTILATION CYCLE

- Select this feature to maintain good air quality when the temperature is lower than the set point. It will intermittently open IsoCell to bring in fresh air



### DE-ICING CYCLE

- Select this feature in winter to prevent freezing possibility. The control periodically deflates each IsoCell zone in sequence
- Cycle is activated by the outside temp probe



### DRYING CYCLE

- Select this feature in the summer to periodically inflate each IsoCell zone in sequence



### CHIMNEY OUTPUTS

- 2 chimney outputs
- Dampers controlled by potentiometer



### TEST MODE

- Simulate temperature changes to confirm control performance



### MANUEL MODE

- Bypass control settings



### TUNNEL FANS

- 2 tunnel fan outputs
- With optional Tunnel Fan Module you can control up to 8 tunnel fan groups



### STIR FANS

- 1 Stir fan output
- Programmable timer



### HIGH PRESSURE MISTING

- 1 misting output
- Programmable timer



### HEATERS

- Up to 4 heater outputs
- Select a set point for each individual heater



### 0-10 VOLT OUTPUT

- Can be used as a supplementary stage for fans, heaters or chimneys



### PASSWORD

- It can enable a password to restrict access to certain functions on the control



### ALARMS

- Hi / Low temperatures
- Potentiometer defect
- Temperature probe defect
- Relay communication



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