maxairea®
CLEVER AIR CARE

TEMA
FINE FOODS

Cleaner air. Lower energy. Smarter buildings.

From manual ventilation to intelligent indoor-climate control

REAL-WORLD CASE STUDY | TEMA FINE FOODS OFFICE, CUIJK
Measured results from the Maxairea Clever Air Care project

Maxairea removes CO_2 directly from building air using regenerative filtration and intelligent heating, ventilation and air conditioning control (HVAC), helping commercial buildings maintain high indoor air quality while reducing unnecessary energy demand.

RESULTS FROM THE TEMA × MAXAIREA PROJECT

INDOOR AIR QUALITY SIGNIFICANTLY IMPROVED

942 → 671 ppm

Building-wide P95 CO_2
(A/B commissioning comparison)

REAL BUILDING | MEASURED DATA | CUIJK, NL

HIGH CO_2 EVENTS ALMOST ELIMINATED

13.24% → 0.02%

Time above 800 ppm
(Building-wide room average)

TEMA CERTIFIED ENERGY PERFORMANCE

G → C

Official Dutch energy labels*

MORE STABLE INDOOR AIR QUALITY

SMARTER ENERGY CONTROL

MORE EFFICIENT OPERATIONS

A MORE SUSTAINABLE FOOD COMPANY

THE CHALLENGE

Ventilation relied largely on windows, with inconsistent indoor air quality and a high energy demand.



THE SOLUTION

Maxairea connected ventilation, heat recovery, CO_2 filtration and radiator control through one intelligent automation layer.

Room sensors · Mechanical ventilation · Heat recovery · CO_2 filtration · Radiator control

THE RESULT

At TEMA, the project delivered more stable indoor air quality and a more intelligent, measurable building.



Could your building achieve similar results?

Calculate your potential savings or request a 15-minute building assessment.

Calculate your savings →

Schedule a 15-min call →

For offices, hotels, education, healthcare and other occupied buildings.

Scan to calculate your savings

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* Energy labels from the Dutch RVO energy label register: registration number 270832749 (label G) and registration number 481786107 (label C).

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