

Zehnder Caladair Product Portfolio



always the best climate



Building ventilation

- Fan box unit for exhaust / supply
- Autonomous ventilation of technical rooms
- Energy performance
- Compact size



Minimax™

Flow rate

50 – 4 000 m³/h AC motor



Miniblue™

Flow rate

50 – 3 500 m³/h EC motor



Maxiplus™

Flow rate

50 – 17 000 m³/h AC motor

Air handling

- Modular unit
- Compliant with EN 1886, EN 13053
- Easy[™] built-in control full Modbus, Bacnet, Web
- Can be assembled in different ways and shapes
- Recirculation chamber, electrical or water coil, water or DX-cooling coils, attenuators, filter modules
- Heating and cooling modules can be used as heat pump modules

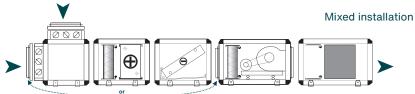


Combibox Concept™

Flow rate

50 – 17 000 m³/h AC motor

Floor or wall mounting



Smoke exhaust

- Single or double skin
- Factory assembled relay box <<Option>>
- F400-120 in accordance with NF EN12101-3
- AC Motors IE3
- Available with a converter <<Option>>



Reflex™

Flow rate

300 - 18 000 m³/h



Pyrostar™

Flow rate

600 - 50 000 m³/h



Diablo™

Flow rate

 $300 - 35000 \,\mathrm{m}^3/\mathrm{h}$



Silvertop™

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Flow rate

100 - 5 500 m³/h



Neotime™

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Flow rate

100 - 2 400 m³/h



Eversky™

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Energy

cooling

recovery

 Self-regulated Energy Recovery Unit
 Very high efficiency
 Easy™ built-in control full

Modbus, Bacnet, Web
Modulating bypass that

provides freeze protection, free cooling, and night

Flow rate

 $100 - 1100 \text{ m}^3/\text{h}$



○ Hexamotion[™]



Flow rate

100 - 8 000 m³/h





Flow rate

3...





Freetime™

100 - 3 500 m³/h

Flow rate

- Counter flow plates
- O Rotary wheel





4000

Flow rate

5 000 - 22 000 m³/h



0



Thermover™

0

Flow rate

600 - 5 000 m³/h

Double flow AHU with integrated thermodynamic system

- Self-regulated multifunction system
- High energy recovery efficiency
- Thermodynamic built-in heat pump system
- Easy[™] built-in control full Modbus, Bacnet, Web

BLUETECH

Caladair econologic solution

High energy efficiency

- Energy recovery >80%
- Class energy envelope >A
- EC motor technology, optimal SFP guarantees
- FEE™: Free Energy Efficiency
- Thermodynamic solution COP/ EER > 4

Active building management

- Easy™ full Modbus, TCI/IP, Bacnet, Web
- Self-adaptive flow rates modulation: Eco - 1 or 2 speeds **Lopbby**[™] - constant pressure **Diva**[™] – proportional CO₂ Mac2™ - constant airflow

High indoor air quality Clearmotion™

- Two-stage filtration system
- Fouling alert and programmable maintenance
- Quattro[™] flow modulation: proportional constant flow CO2

PLUG& SET& FORGETTM

Premium quality

- 100% configured equipment
- Factory functional tests
- ISO 9001 and ISO 14001 organisation

Optimal and controlled total cost of ownership

- Simple and quick installation
- Intuitive commissioning: front control panel
- Energy savings

Reliability, durability, environmental performances

- Leading certified components
- After-sales service rate 0.7%
- Easy to maintain
- Reduced energy consumption

FOCUS by Caladair

Frame on customer uses & satisfaction

Respected ecosystem

Meet your expectations while respecting the environmental requirements.

Partnership & expertise

- Designed and adapted conception
- International presence
- Our partnerships, the driving force behind our innovations

Solutions in the rules of air™

Customized tools dedicated to the technical value chain of our equipment.









Aia 4, Rõngu, Estonia 2022





Võidu 1, Karksi-Nuia, Estonia 2023





Sakala 8, Viiratsi, Estonia 2022





Puiestee 25, Jõgeva, Estonia 2022



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