

CAELI



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ABOUT US

Caeli

Caeli is a leading manufacturing company specialising in Air Handling Units and Air Conditioning units – With a primary focus of delivering 100% fresh air indoors. Caeli takes pride in providing both standard and tailor-made products.

Our commitment to quality, safety, and durability represents our premium strategy, which is driven by a dedication to continuous improvement and the pursuit of excellence.

The company's dedication to excellence is further validated by its adherence to strict national and international standards. Modern machinery and innovative initiatives at Caeli ensure the consistent quality of our products, reinforcing our reputation as a leading industry player.

With a state-of-the-art laboratory on-site, Caeli conducts rigorous research and testing, enabling the rapid development and enhancement of new products. This dedication to innovation has positioned us as one of the world's most energy-efficient ventilation equipment suppliers on the market, achieved through close collaboration with customers and significant investment in research and development.

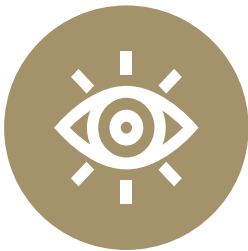
Our versatile and highly efficient production processes, combined with the expertise and dedication of our staff, ensure the fulfillment of customer requests and requirements”

OUR TEAM



We are passionate about our work and every member of our team plays an important role. The development of new technology requires strong product development expertise, but in addition to development, products must also be manufactured carefully. At the heart of our success lies a team of ambitious professionals constantly striving to develop better solutions and products.

OUR VISION



“Everyone Needs Air.”

How often do you consider the quality of the air you breathe? Is it as prominent in your mind as the food you consume? In the past decade, there has been a growing emphasis on improving physical and mental well-being through exercise and healthier eating habits. However, until the emergence of the COVID-19 pandemic in 2020, air quality was often overlooked.

We present an opportunity to transform your life. We're not just another air conditioning company; we're dedicated to enriching lives through our products. Our mission is to ensure that every occupied space has access to 100% Outside Air (O/A). Why? Because fresh air is essential for human health and offers a multitude of benefits.

Traditional A/C systems typically recirculate air within a space, diminishing its quality and potentially circulating viruses, bacteria, and volatile organic compounds. They can also exacerbate moisture levels in high humidity environments. This is why we are deeply committed to ensuring the air you breathe is of the highest quality.

Introducing Caeli – “Revolution in Health, Sustainability, Comfort, & Energy Efficiency.”

PRODUCTS

No	Product Description	Model Number
1	Ceiling Suspended Air Handling Unit with Counterflow Heat Exchanger	NC1
2	Ceiling Suspended Air Handling Unit with Counterflow Heat Exchanger & Coils	NC2
3	Domestic Wall Mounted Unit with Counterflow Heat Exchanger	NC3
4	Domestic Wall Mounted Unit with Counterflow Heat Exchanger & Coils	NC4
5	Air Handling Unit with Counterflow Heat Exchanger	NC5
6	Air Handling Unit with Counterflow Heat Exchanger & Coils	NC6
7	Air Handling Unit	RC7
8	Fan Coil Unit	RC8
9	Coils - HW, CW, DX, Steam	NC9

NC1

CEILING SUSPENDED AIR HANDLING UNIT WITH COUNTERFLOW HEAT EXCHANGER

Introducing our state-of-the-art Ceiling Suspended Unit, boasting a cutting-edge Counterflow Heat Exchanger, a true pinnacle of efficiency and performance for your ventilation needs. Equipped with EC Plug Fans, Counterflow Heat Exchanger, and a MERV 8-rated 50mm Panel Filter, it ensures superior air quality.



With flexible hanging options, an inbuilt drain tray, and an inbuilt controller offering both 0-10V DC Control for BMS and Manual 24V AC Control, this unit provides unparalleled versatility and control. The optional remote wall controller adds extra convenience, while spigots and hanging brackets ensure seamless integration into your ventilation infrastructure.

Accessories

- ✓ EC Plug Fans
- ✓ Counterflow Heat
- ✓ MERV 8 – 50mm Panel
 - Optional 50mm activated carbon filter
- ✓ Flexible Handings
- ✓ Optional – Inbuilt Drain Tray
- ✓ Inbuilt Controller
 - 0-10V DC Control (BMS)
 - Manual 24V AC Control
- ✓ Optional – Remote Wall Controller
- ✓ Spigots
- ✓ Hanging Brackets

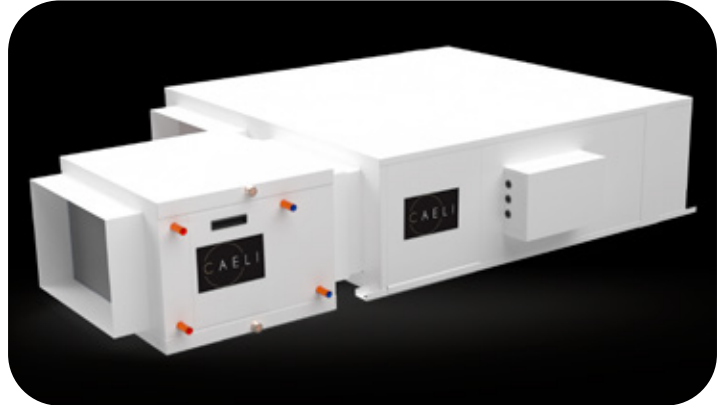
Technical

- ✓ Model – NC1-30 to NC1-1800
- ✓ Power – 1p/240V – 3p/415V Exchanger
- ✓ Construction – Galvanized steel
- ✓ Air Volume – 30 l/s – 1800 l/s

NC2

CEILING MOUNTED UNIT WITH COUNTERFLOW HEAT EXCHANGER & COILS

NC-2 Ceiling Suspended Air Handling Unit with Counterflow Heat Exchanger and Coils – a versatile solution engineered to revolutionize your ventilation and climate control experience. This cutting-edge unit is outfitted with a high-efficiency Counterflow Heat Exchanger and EC Plug Fans.



What distinguishes this unit is its adaptability, offering the option for Hot Water, Cold Water, or DX coils, ensuring flexible heating and cooling capabilities to accommodate diverse environmental requirements. Whether you seek precise temperature regulation or efficient heat recovery, this unit excels in delivering superior performance.

Accessories

- ✓ EC Plug Fans
- ✓ Counterflow Heat Exchanger
- ✓ Coils
 - Hot Water Coils
 - Cold Water Coils
 - DX Coils
- ✓ Flexible Handings
- ✓ MERV 8 – 50mm Panel Filter
 - Optional 50mm activated carbon filter
- ✓ Inbuilt Drain Tray
- ✓ Inbuilt Controller
 - 0-10V DC Control (BMS)
 - Manual 24V AC Control
- ✓ Optional – Remote Wall Controller
- ✓ Spigots
- ✓ Hanging Brackets

Technical

- ✓ Model – NC2-30 to NC2-1800
- ✓ Power – 1p/240V – 3p/415V
- ✓ Construction – Galvanized steel
- ✓ Air Volume – 30 l/s – 1800 l/s

NC3

DOMESTIC WALL MOUNTED UNIT WITH COUNTERFLOW HEAT EXCHANGER

NC3-Domestic Wall Mounted Unit with Counterflow Heat Exchanger—an epitome of efficiency and comfort tailored for your home environment. This compact and sleek unit is crafted to seamlessly blend into your living space while providing exceptional ventilation and heat recovery capabilities.



Featuring a built-in Counterflow Heat Exchanger, EC Plug Fans, and MERV 8 panel filters, it ensures optimal air quality. With flexible hanging options, an inbuilt drain tray, and a controller offering both 0-10V DC Control for BMS and Manual 24V AC Control, this unit offers unparalleled versatility and control. Plus, the optional remote wall controller adds extra convenience to enhance your experience.

Accessories

- ✓ EC Plug Fans
- ✓ Counterflow Heat Exchanger
- ✓ MERV 8 – 50mm Panel
 - Optional 50mm activated carbon filter
- ✓ Flexible Handings
- ✓ Inbuilt Drain Tray
- ✓ Inbuilt Controller
 - 0-10V DC Control (BMS)
 - Manual 24V AC Control
- ✓ Optional – Remote Wall Controller
- ✓ Spigots
- ✓ Hanging Brackets

Technical

- ✓ Model – NC3-30 to NC3-660
- ✓ Power – 1p/240V
- ✓ Air Volume – 30 l/s – 660 l/s
- ✓ Construction – Galvanized steel
- ✓ Colour – White

NC4

DOMESTIC WALL MOUNTED UNIT WITH COUNTERFLOW HEAT EXCHANGER & COILS

NC4-Domestic Wall Mounted Unit with Counterflow Heat Exchanger and Coils – a game-changing innovation crafted to redefine home comfort and efficiency. This groundbreaking unit merges the advanced technology of a counterflow heat exchanger with the versatility of hot water, cold water, or DX coils, delivering unparalleled performance in heating, cooling, and ventilation.



Sleek and compact, this unit seamlessly integrates into any living space, providing exceptional ventilation, heat recovery, and precise temperature control.

Accessories

- ✓ EC Plug Fans
- ✓ Counterflow Heat Exchanger
- ✓ Coils
 - Hot Water Coils
 - Cold Water Coils
 - DX Coils
- ✓ MERV 8 – 50mm Panel
 - Optional 50mm activated carbon filter
- ✓ Flexible Handings
- ✓ Inbuilt Drain Tray
- ✓ Inbuilt Controller
 - 0-10V DC Control (BMS)
 - Manual 24V AC Control
- ✓ Optional – Remote Wall Controller
- ✓ Spigots
- ✓ Hanging Brackets

Technical

- ✓ Model – NC4-30 to NC4-660
- ✓ Power – 1p/240V
- ✓ Coil Capacity – 0.42kw – 10.2kw
- ✓ Construction – Galvanized steel
- ✓ Air Volume – 30 l/s – 660 l/s
- ✓ Colour – White

NC5

AIR HANDLING UNIT WITH COUNTERFLOW HEAT EXCHANGER

NC-5 Air Handling Unit with Counterflow Heat Exchanger—an advanced ventilation solution engineered to establish a new benchmark in efficiency and durability. Constructed with a sturdy 50mm panel, these units are meticulously designed to withstand diverse weather conditions, guaranteeing reliability and longevity in outdoor applications.



Equipped with an inbuilt Counterflow Heat Exchanger and EC Plug fans, these units come standard with inbuilt F8 rated deep bed bag filters. This innovative filtration system significantly enhances indoor air quality by effectively capturing particles and contaminants. Whether deployed in industrial or commercial settings, our weatherproof NC5 range ensures precise climate control, durability, and unparalleled performance.

Accessories

- ✓ EC Plug Fans
- ✓ Counterflow Heat Exchanger
- ✓ F8 Bag Filter
 - Optional 50mm pre filter or activated carbon filter
- ✓ Flexible Handings
- ✓ Optional - Inbuilt Drain Tray
- ✓ Inbuilt Controller
 - 0-10V DC Control (BMS)
 - Manual 24V AC Control
- ✓ Optional - Remote Wall Controller
- ✓ Optional - Economy Cycles & Return Airpass

Technical

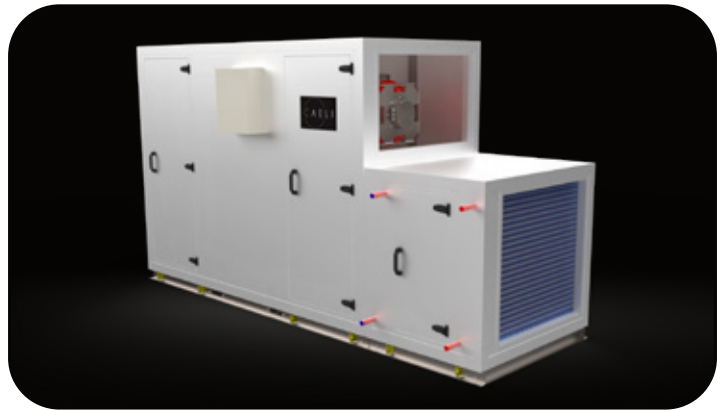
- ✓ Model - NC5-465 to NC5-19800
- ✓ Power - 1p/240V - 3p/415V
- ✓ Air Volume - 465l/s - 19800 l/s
- ✓ Construction - 50mm twin skinned panel
- ✓ Colour - White

NC6

AIR HANDLING UNIT WITH COUNTERFLOW HEAT EXCHANGER & COILS

NC6-Air Handling Unit with Counterflow Heat Exchanger & Coils—an epitome of efficiency and versatility tailored to meet your ventilation needs.

This comprehensive unit seamlessly integrates EC Plug Fans, a Counterflow Heat Exchanger, and three standard coil options: Hot Water, Cold Water, and DX Coils, ensuring precise heating and cooling capabilities to address diverse environmental requirements.



Engineered for enhanced air quality, the unit comes equipped with an F8-rated bag filter, with the option to incorporate a 50mm pre-filter or activated carbon filter for additional air filtration. With flexible handling options and 50mm panel construction, it offers adaptability and durability, making it a robust solution for various applications.

Accessories

- ✓ EC Plug Fans
- ✓ Counterflow Heat Exchanger
- ✓ Coils
 - Hot Water Coils
 - Cold Water Coils
 - DX Coils
- ✓ F8 – Bag Filter
 - Optional 50mm pre filter or activated carbon filter
- ✓ Flexible Handings
- ✓ Optional – Inbuilt Drain Tray
- ✓ Inbuilt Controller
 - 0-10V DC Control (BMS)
 - Manual 24V AC Control
- ✓ Optional – Remote Wall Controller
- ✓ Optional – Economy Cycles & Return Air Bypass

Technical

- ✓ Model – NC6-465 to NC6-19800
- ✓ Power – 1p/240V – 3p/415V
- ✓ Coil Capacity – 8kw-470kw
- ✓ Construction – 50mm twin skinned panel
- ✓ Air Volume – 465l/s – 19800 l/s
- ✓ Colour – White

RC7

AIR HANDLING UNIT

The RC7 Air Handling Unit – an all-encompassing solution that seamlessly integrates EC Plug Fans and three standard Coil options: Hot Water, Cold Water, or DX Coils, ensuring precise heating and cooling capabilities to accommodate to a wide spectrum of environmental requirements.



Engineered for optimal air quality, the unit boasts an F8-rated bag filter, with the option to incorporate a 50mm pre-filter or activated carbon filter for customized filtration needs. With flexible handling options and 50mm panel construction, it delivers durability and versatility, establishing itself as a resilient solution for diverse applications.

Accessories

- ✓ EC Plug Fans
- ✓ Coils
 - Hot Water Coils
 - Cold Water Coils
 - DX Coils
- ✓ Flexible Handings
- ✓ F8 Bag Filter
 - Optional 50mm pre filter or activated carbon filter
- ✓ Optional – Remote Wall Controller
- ✓ Inbuilt Controller
 - 0-10V DC Control (BMS)
 - Manual 24V AC Control

Technical

- ✓ Model – RC7-465 to RC7-30000
- ✓ Power – 1p/240V – 3p/415V
- ✓ Coil Capacity – 8kw-470kw
- ✓ Construction – 50mm twin skinned panel
- ✓ Air Volume – 465l/s – 30,000 l/s
- ✓ Colour – White

RC8

FAN COIL UNIT

RC8 - Fan Coil Unit—crafted with a low-profile design seamlessly integrated with EC Plug Fans and three standard Coil options: Hot Water, Cold Water, or DX Coils, ensuring precise heating and cooling capabilities to address diverse environmental requirements. The unit is equipped with a MERV 8-rated 50mm Panel Filter or activated carbon filter for tailored filtration needs.



Constructed with galvanized panels, it offers durability and versatility, establishing itself as a robust solution for various applications. The unit's low-profile design, inclusive of inbuilt drain trays and filters, guarantees reliable performance even in challenging condition.

Accessories

- ✓ EC Plug Fans
- ✓ Coils
 - Hot Water Coils
 - Cold Water Coils
 - DX Coils
- ✓ Flexible Handings
- ✓ MERV8 – 50mm Panel filter
 - Optional 50mm activated carbon filter
- ✓ Optional – Remote Wall Controller
- ✓ Inbuilt Controller
 - 0-10V DC Control (BMS)
 - Manual 24V AC Control

Technical

- ✓ Model – RC8-30 to RC8-1800
- ✓ Power – 1p/240V – 3p/415V
- ✓ Coil Capacity – 0.47-30kw
- ✓ Air Volume – 30l/s – 1800 l/s
- ✓ Construction – Galvanized Steel
- ✓ Colour – Gal

NC9

COILS

Water Coils, Steam
Coils, Evaporator &
Condenser Coils



Accessories

✓ Water Coils

- 3/8", 1/2" or 5/8" copper tubes, 5/8" O.D. tubing
- Fin spacing from 4 FPI to 22 FPI
- Standard duct flange or slip and drive.
- Aluminium Frame
 - Optional - Epoxy Coatings

✓ Steam Coils

- Standard Steam and Steam Distributing
- Recirculating Air or Outside Air Applications
- 1/2", 5/8" or 1" tubes with .025", .035" or .049" wall
- Fin spacing from 4 FPI to 14 FPI
- Optional - Pitched & Non-pitched Casing
- Aluminium Frame
 - Optional - Epoxy Coatings

✓ Evaporator & Condenser Coils

- 3/8", 1/2" or 5/8" copper tubes with .014", .016", .017" or .020" wall
- Critical fin spacing to utilise today's new refrigerants
- Optional - DX coils with single or multiple circuits
- Condensing or heat reclaim applications
- Tested and Shipped with Nitrogen
- Aluminium Frame
 - Optional - Epoxy Coatings

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