THE COMPANY

Founded in Pordenone in 1979, EURAPO has grown and developed as part of the state-of-the-art industrial scenario of North-East Italy.
EURAPO is specialized with the production of heating and air conditioning units. The Company has always fostered a serene, well-organised working environment where employee participation is encouraged.
Here several decades of invaluable experience are pitted against new human resources and projects, in a constructive exchange of ideas between generations, making EURAPO a young, proactive, creative company.
As well as these consolidated qualities, EURAPO products are now available with innovative features: a smart, made in Italy design for the fan coil unit range, ducted units with high performances, from the traditional regulation system to the great potential of Omnibus, the new sophisticate digital system even for BMS systems.
EURAPO products are recognized for energy efficiency, certified performance, highly resistant materials, great emphasis on safety in order to make installation as simple as possible. Highly customised products designed to meet specific system requirements providing a wide range of different technical and aesthetic solutions.
Products are strictly subjected to systematic controls before being introduced onto the market, equipped with accessories and properly wired up. This comprehensive approach has enabled the Company to gain the loyalty of a highly-demanding, prestigious world market, with privileged outlets in Italy and in many countries in Central and Northern Europe.
And with new prospects for border-free development.

FANCOIL UNITS

Sphera

Fancoils especially designed to be hung on the wall (ESW model), but available also to be mounted on the floor with supporting feet (ESF model). They are available in 4 sizes and suitable for heating and cooling applications. Centrifugal fan motors. Standard colour: RAL 9003.

COOLING CAPACITIES: 830 ÷ 3500 W
HEATING CAPACITIES: 1100 ÷ 4800 W

DIMENSIONS MM

	ESF				ESW			
SIZE	**10**	**20**	**30**	**40**	**10**	**20**	**30**	**40**
HEIGHT	540	540	540	540	540	540	540	540
WIDTH	900	900	1200	1200	900	900	1200	1200
DEPTH	190	190	190	190	190	190	190	190

FANCOIL UNITS

Sigma

4 models (SV, SV/AF, SH, SH/AF) for vertical wall installation or horizontal ceiling installation. They are suitable for heating and cooling applications. "AF" models are designed with frontal air intake. Standard colour: RAL 9003.

COOLING CAPACITIES: 600 ÷ 13200 W
HEATING CAPACITIES: 1360 ÷ 26720 W

DIMENSIONS (VERTICAL UNIT) MM

SIZE	110	112	114	216	218	220	222	224	226	228
HEIGHT	538	538	538	538	538	614	614	614	614	614
WIDTH	648	773	898	1023	1148	1273	1273	1523	1523	1773
DEPTH	224	224	224	224	224	254	254	254	254	254

FANCOIL UNITS

Prisma

4 models: PV and PV/AF for vertical wall installation and suitable for heating and cooling applications; PH and PH/AF for horizontal ceiling installation and suitable for heating applications only. "AF" models are designed with frontal air intake. Standard colour: RAL 9003.

COOLING CAPACITIES: 600 ÷ 4010 W
HEATING CAPACITIES: 1360 ÷ 10130 W

DIMENSIONS (VERTICAL UNIT) MM

SIZE	110	112	114	216	218
HEIGHT	560	560	560	560	560
WIDTH	648	773	898	1023	1148
DEPTH	226	226	226	226	226

FANCOIL UNITS

Low Body

2 vertical models, with casing SVR or concealed (CVR), suitable for heating and cooling applications. The small unit size enables to place them in narrow areas. Standard colour for SVR: RAL 9003.

COOLING CAPACITIES: 530 ÷ 3430 W
HEATING CAPACITIES: 1270 ÷ 8770 W

DIMENSIONS MM

	SVR					CVR				
SIZE	**110**	**112**	**114**	**216**	**218**	**110**	**112**	**114**	**216**	**218**
HEIGHT	430	430	430	430	430	395	395	395	395	395
WIDTH	648	773	898	1023	1148	555	680	805	930	1055
DEPTH	254	254	254	254	254	230	230	230	230	230

FANCOIL UNITS

Concealed

4 models (CV, CV/AF, CH, CH/AF) to be installed both in vertical and horizontal position. They are suitable for heating and cooling applications. "AF" models are designed with frontal air intake.

COOLING CAPACITIES: 600 ÷ 13200 W
HEATING CAPACITIES: 1360 ÷ 26720 W

DIMENSIONS (VERTICAL UNIT) MM

SIZE	110	112	114	216	218	220	222	224	226	228
HEIGHT	505	505	505	505	505	581	581	581	581	581
WIDTH	555	680	805	930	1055	1180	1180	1430	1430	1680
DEPTH	215	215	215	215	215	245	245	245	245	254

CH/H

The CH/H horizontal compact ducted fancoil unit is designed for operation at a maximum external static pressure of 50 Pa.
It is available in 5 sizes with integrated air intake and supply spigots, for installation in false ceilings, 2 pipe systems, with water coil + Electric heater, if required.

COOLING CAPACITIES: 1100 ÷ 9000 W
HEATING CAPACITIES: 2500 ÷ 19300 W

DIMENSIONS MM

SIZE	114	216	220	222	224
HEIGHT	225	225	225	225	247
WIDTH	605	730	980	980	1230
DEPTH	913	913	989	989	989

EBH

EBH high pressure ducted fan coils are specifically designed for ducted installations, with external static pressure up to 300 Pa. Their high pressure fan decks permit to satisfy every request of heating and cooling application in big environments.

COOLING CAPACITIES: 3100 ÷ 27600 W
HEATING CAPACITIES: 7500 ÷ 62100 W

DIMENSIONS MM

SIZE	010	020	030	040	050	060	070
HEIGHT	403	403	403	403	403	513	513
WIDTH	990	990	990	1240	1240	1635	1635
DEPTH	900	900	900	900	900	1158	1158

EDS

EDS high pressure Double Skin ducted fan coils are specifically designed for ducted installations, with external static pressure up to 300 Pa. Their high pressure fan decks permit to satisfy every request of heating and cooling. The double skin panels are designed for installation in ambient having tough operating conditions (very high humidity rate, for example).

COOLING CAPACITIES: 3100 ÷ 27600 W
HEATING CAPACITIES: 7500 ÷ 62100 W

DIMENSIONS MM

SIZE	004	006	008	010	020	030	040	050	060	070
HEIGHT	390	390	390	440	440	440	440	440	550	550
WIDTH	882	1007	1007	1132	1132	1132	1382	1382	1777	1777
DEPTH	855	855	855	855	855	855	855	855	1030	1030

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CASSETTE FAN COIL

UCS

The UCS Cassette Fan Coil unit, available in 6 different models for 2 and 4 pipe systems, can satisfy all requests of comfort and space optimization, above all in public environments, offices and shops.
The UCS overall dimensions allow an easy installation in modular false ceilings (600x600), while the hydraulic and electrical connections, located on the same side, facilitate the maintenance operations.

COOLING CAPACITIES: 1300 ÷ 4800 W
HEATING CAPACITIES: 2800 ÷ 10200 W

DIMENSIONS MM

	2 TUBI			4 TUBI		
SIZE	**221**	**231**	**232**	**421**	**431**	**432**
HEIGHT	312	312	312	312	312	312
WIDTH	615	615	615	615	615	615
DEPTH	615	615	615	615	615	615

CASSETTE FAN COIL

UCS/M

The UCS/M Cassette unit is an aesthetic evolution of the UCS model. The micro-drilled air intake grill and the air diffusion frame are entirely realized in painted metal sheet, perfectly adaptable to the traditional modular ceilings.

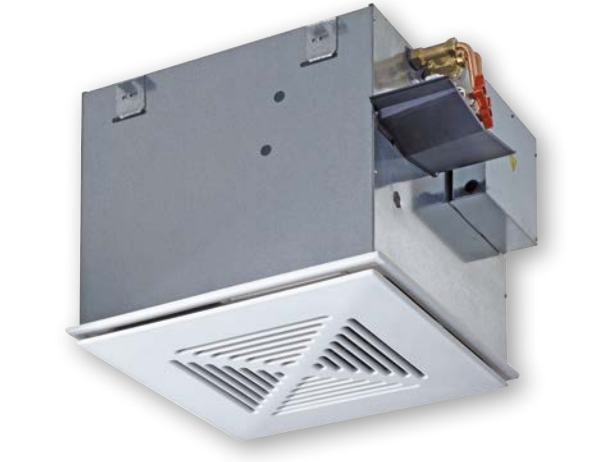
COOLING CAPACITIES: 1300 ÷ 4800 W
HEATING CAPACITIES: 2800 ÷ 10200 W

DIMENSIONS MM

	2 TUBI			4 TUBI		
SIZE	**221**	**231**	**232**	**421**	**431**	**432**
HEIGHT	312	312	312	312	312	312
WIDTH	615	615	615	615	615	615
DEPTH	615	615	615	615	615	615

CASSETTE FAN COIL

UCS/H



The UCS/H Cassette unit has been designed to allow a natural condensate water discharge, for gravity, without using any condensate pump.
It is suitable for locations where maintenance operations needs to be reduced at minimum levels and a very quiet operation is required.

COOLING CAPACITIES: 1300 ÷ 4800 W
HEATING CAPACITIES: 2800 ÷ 10200 W

DIMENSIONS MM

	2 TUBI			4 TUBI		
SIZE	**221**	**231**	**232**	**421**	**431**	**432**
HEIGHT	507	507	507	507	507	507
WIDTH	615	615	615	615	615	615
DEPTH	615	615	615	615	615	615

CASSETTE FAN COIL

UCS900

The UCS900 Cassette unit is the result of the stylist research to present an innovative product in terms of performance, low sound level, comfort and regulation flexibility.
The 900x900mm dimension of the cassette unit permits to satisfy the cooling demand of rooms having quite big volumes. It is suitable for heating and cooling applications and it has been designed to fit into modular or not modular false ceilings, in 2 and 4 pipe systems.

COOLING CAPACITIES ÷ 10100 W
HEATING CAPACITIES: 6800 ÷ 20600 W

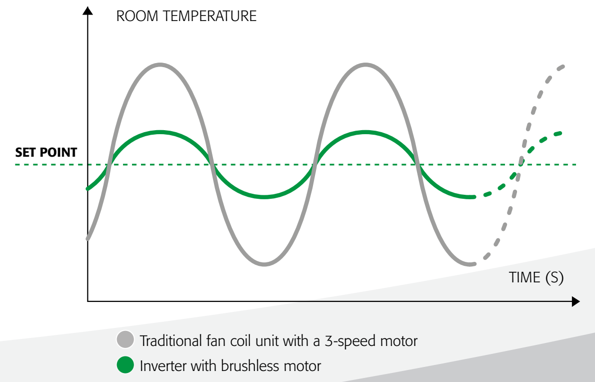
DIMENSIONS MM

	2 TUBI		4 TUBI	
SIZE	**921**	**922**	**941**	**942**
HEIGHT	360	360	360	360
WIDTH	985	985	985	985
DEPTH	985	985	985	985

THE TECHNOLOGY

EST INVERTER
ENERGY SAVING TECHNOLOGY

EST (Energy Saving Technology) is a technology applied to all EURAPO products and consists of a variable speed fan motor (brushless) connected to an inverter. It permits to obtain extremely low electrical absorption (power consumption is reduced up to 70% in comparison with standard asynchronous motors) and a continuous modulation of the air flow, constantly related to the concrete need of energy in the room.



- Traditional fan coil unit with a 3-speed motor
- Inverter with brushless motor

THE TECHNOLOGY

OMNIBUS
BUILDING MANAGEMENT SYSTEM

In order to guarantee high standards of air-conditioned comfort it is not sufficient anymore to design and produce air conditioning systems comprising selected and reliable components: these also need to be integrated and harmonised with the **intelligence controlling them**.
The EURAPO-**OMNIBUS** Digital System is designed to fully regulate the water terminal units (such as fan coil units, water cassettes and high pressure ducted fan coil units) for domestic use, residential buildings and public rooms.
This controller permits to be easily programmed by the installing company and configured accordingly to each particular type of system.

- Analogue Plus Console
- Digital Display Console
- Manager Console
- OTouch
- Web Server

LABORATORIES

The Eurapo laboratories, which have been manufactured in 2013 in co-operation with Padua University in strict compliance with the applicable regulations and Eurovent standards (Eurovent), represent the highest evolution in terms of technological solutions that make them unique in Italy. The laboratories, which cover an area of over 400 square meters, can measure aeraulic, acoustic and thermal performances of all Eurapo products, both ducted and non-ducted, and consist of:

- A **CLIMATE CHAMBER**, for heating and cooling capacities test, which is sized to measure heating capacities up to 40 kW and cooling capacities up to 30 kW, in compliance with EN 1397:2001 standards and Eurovent 6/3 and Eurovent 6/11 standards.
- Two **AERAULIC TUNNELS**, a standard one and an enthalpy one, which are sized to measure airflow up to 6000 m³/h, according to ISO 5801:2007 and ISO 5221 standards and to Eurovent 6/3 Eurovent 6/10 standards.
- Two **REVERBERATION ROOMS**, designed to measure sound power levels with frequency range between 100 Hz and 10000 Hz, in accordance with UNI EN ISO 3740:2002, UNI EN ISO 3741:2010 and UNI EN ISO 5135:2003 standards and Eurovent 8/2 standards. The two rooms are connected by an air duct in order to run acoustic test on ducted units, in compliance with 8/12 Eurovent standards.

The laboratories allow Eurapo to achieve the following goals:

- products' differentiation;
- improvement of products' quality, efficiency, performances, security and reliability;
- certified performances of the offered products;
- increasing technical support to customers;
- response time reduction;
- strengthening the presence in an increasingly competitive market;
- increasing engineering and technical relationships with industrial and business partners.

With the new technical laboratories, **research**, **development** and **innovation** become, strongly and increasingly an integral part of Eurapo corporate mission, to pursue the goal of continuous improvement.

EURAPO
INTEGRATED
COMFORT
SYSTEMS

EN