

euroclima euroclima euroclima



**euroclima®**

We care for better air



**WE CARE FOR BETTER AIR**

...SINCE 1963



WE CARE FOR  
**BETTER AIR**



## LOCATIONS

Our **Fan Coil Units** are manufactured with the utmost care and precision at our **production site in Rovereto**. The **wide portfolio** ranges from cost-effective standard solutions for comfort applications to specialized units for shipbuilding or medical facilities – such as double-walled versions. **Project-specific custom designs** with modern equipment can also be realized at any time. Upon request, we supply all Fan Coil Units **with factory-integrated controls and accessories** (valves, heating elements, etc.).

Thanks to our **local presence in more than 60 countries**, we can ensure comprehensive **service in sales and customer service**. Our broad distribution network spans sales and service offices throughout Europe, Asia, the Middle East, North Africa and Australia.

We have been providing better air and a healthy indoor climate for more than 60 years and are a true pioneer in this area. Since inception, we have continuously advanced innovations and developed into a global leader in customised, eco-friendly air conditioning and Air Handling Units. Our many years of expertise are reflected in the quality of our products. We always strive to meet the needs of our customers and look forward to shaping the future of indoor air technology in the coming decades.



**Brunico**

**Dubai**

**Mumbai**

**Sillian**

**Rovereto**

- » **Manufacturing of Fan Coil Units at the Euroclima production site in Rovereto (Italy)**
- » **We also produce custom solutions for specific industries**



**5 PRODUCTION SITES**

PROJECTS IN 120 COUNTRIES



**530+**

EMPLOYEES



**WORLDWIDE PRESENCE**

WITH SALES AND SERVICE PARTNERS



**50.000 m²**

PRODUCTION AREA



# MILESTONES OUR HISTORY

2023

Full automation  
bending system  
Euroclima Austria

## HISTORY

Josef Schmidhammer founded an installation company in South Tyrol in 1953. The company's own need for Air Handling Units was ultimately decisive in for **laying the foundation for the company Euroclima** in Bruneck in 1963. **In 1980, a new plant was founded in Sillian (AT)**. The daughter Karin Stolzlechner took over the chairmanship of the Executive Board of Euroclima in 2008. **In 2010, the fan coil unit manufacturer Bini Spa** was taken over and renamed into Bini Clima Srl. **In 2013, the company Euroclima India was founded**, where today approx. 50 employees produce central Air Handling Units for the Southeast Asian market on 5,000 m<sup>2</sup>. **In 2016, Euroclima took over an existing plant in Dubai** and founded Euroclima Middle East. Today, Euroclima produces on approx. 6,000 m<sup>2</sup> and with about 100 employees Air Handling Units based on European technology for selected markets of the Middle East.



- » Family business in the 3rd Generation
- » Worldwide presence with sales and service partners
- » Leader for high-tech solutions



**FAMILY COMPANY**

3° GENERATION



**60 YEARS**

EXPERIENCE



**MANAGEMENT-RUN**

WITH FAMILY VALUES

# SOFTWARE



Sort*	Model	Vel	Qa	Pr	Pc	Ps	Tcout	Tc	Tcouth	Lw	Price	BIM
1	F02 - F02	1	345	0	0.00	0.00	0.0	0.00	0.0	55.0	NA	
2	F04 - F02	2	300	0	0.00	0.00	0.0	0.00	0.0	55.0	NA	
3	F06 - F02	3	280	0	0.00	0.00	0.0	0.00	0.0	54.0	NA	
4	F02 - F02-3R	1	345	0	1.36	1.36	11.3	1.96	37.1	55.0		
5	F04 - F02-3R	2	300	0	1.27	1.27	10.8	1.76	37.7	55.0		
6	F06 - F02-3R	3	280	0	1.23	1.15	10.7	1.68	38.1	54.0		

Sort*	Model	Vel	Qa	Pr	Pc	Ps	Tcout	Tc	Tcouth	Lw	Price	BIM
1	F02 - F02	1	345	0	0.00	0.00	0.0	0.00	0.0	55.0	NA	
2	F04 - F02	2	300	0	0.00	0.00	0.0	0.00	0.0	55.0	NA	
3	F06 - F02	3	280	0	0.00	0.00	0.0	0.00	0.0	54.0	NA	
4	F02 - F02-3R	1	345	0	1.36	1.36	11.3	1.96	37.1	55.0		
5	F04 - F02-3R	2	300	0	1.27	1.27	10.8	1.76	37.7	55.0		
6	F06 - F02-3R	3	280	0	1.23	1.15	10.7	1.68	38.1	54.0		

The Euroclima FCU selection software is developed to select the proper unit for offices, retailers, installers and end users.

It is available in **7 languages**: Italian, English, French, German, Spanish, Russian and Dutch.

After setting the operating conditions, it is **simple to select the unit** and to print the **technical data** including **unit dimensions** as well as the **commercial offer**.

**Unit and accessory prices, catalogues** and **technical documentation** are integrated in the software.



# GENERAL FEATURES

<b>COIL</b>	Copper tubes DN 9,52 mm (3/8") staggered for greater heat transfer, highly efficient aluminium fins. Coil headers made of brass, copper or steel with connections for 2 or 4 pipe systems. Manual air vent valves as standard, automatic air vent valves optional. Working pressure = 13 bar / Test 20 bar, working temperature 80°C (max 100°C).
<b>FILTER</b>	Regenerable synthetic fiber enclosed in a galvanized frame with wire mesh protection. The filter is easily removable for cleaning and maintenance. Filter efficiency G1, G2 and G3. On request metallic, washable or highly efficient filters available.
<b>FAN</b>	Tangential, helicoidal and double inlet centrifugal fans with galvanized steel scrolls and aluminium or ABS impellers. The impellers are statically and dynamically balanced.
<b>MOTOR</b>	Motors in accordance with European Standard ErP2015 n. 327/2011 (where indicated), provided with self-lubricating bearings and cast aluminum enclosure (temperature class B or F, thermal protection incorporated) with or without autotransformer. For F-Series the motor are ATEX and IP 65 certified. <u>AC-motor</u> – V230/1/50-60Hz single phase, 3 or 5 depending on the the model, all speeds are wired to the terminal. <u>EC-motor</u> – V230/1/50-60Hz single phase, brushless, for continuous variable speed control (0...10V signal)
<b>CASING</b>	Frame construction made of galvanised steel, casing epoxy powder coated RAL 9010 (any RAL colour available on request). On request complete insulation on fan and coil section and cabinet (5 or 12 mm closed cells self-adhesive polyethylene, fireproof insulation class 1 European standard). Inclined drain pan made of galvanised steel, insulated 5 mm self-adhesive polyethylene as standard. On request drain pan made of stainless steel or epoxy powder coated. <u>DS series</u> – sandwich double skin self supporting panel 25 mm thick, outer skin 0,6 mm RAL 9010 precoated. Inner skin 1,0 mm galvanized sheet steel. Soundabsorbing rockwool insulation, non-combustible, fire class A1, density 20 kg/m³.
<b>CONTROL</b>	5-speed fan switch, all wired in electrical control box IP22 (IP55 on request), mechanical and electronic thermostats, unit or wall mounted available according to the fancoil model.
<b>GRILLE</b>	Anodized and coated aluminium grille.
<b>THERMOSTAT</b>	Mechanical or electronic, unit or wall mounted to control all the unit's functions (summer/winter switch, 3-speed fan switch), ready for valve control etc.. A great choice of regulations for standard and special applications is available.
<b>VALVE</b>	2, 3, 3 ways + bypass with on/off actuators (V230/1) and modulating actuators (0...10Vdc) for 2 or 4-pipe systems. They can be supplied loose or factory fitted.
<b>HEATING ELEMENT</b>	Stainless steel AISI 304 with alu-zinc fins, safety thermostat with manual reset (automatic on request), power contactor. Technical and constructional characteristics according to European safety regulations. Several heating elements can be connected parallelly to increase the heating capacity.
<b>SUPPORTING FEET</b>	For vertical units, made of sturdy galvanized steel epoxy coated, light grey RAL 7074, to be mounted on the units base for placement or screening of tubes.
<b>PLENUM</b>	Supply monoblock plenum with round spigot connections (max. DN 250 mm), return plenum is to be mounted separately. It can be internally insulated with closed cells self-adhesive polyethylene, fireproof insulation (class 1 European standard).
<b>GERMICIDAL LAMP</b>	High efficiency UV lamp, reduces the risk of contamination of coil fins. Used whenever a high degree of sterilization is required.



The **innovative design** of the cassettes grants **high performance with low sound**. It is the perfect unit if the design comes first and it perfectly matches any surroundings or decor. The highly efficient fan and the adjustable blades grant a **perfect air distribution**. The dimensions of the cassette are suitable for all **European standard modules** and allow a **quick and easy installation**.

Wide range of models and huge availability of accessories make these cassettes adaptable to any request.





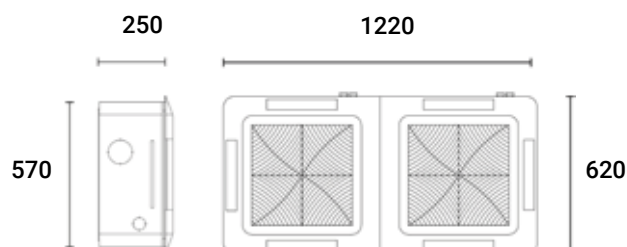
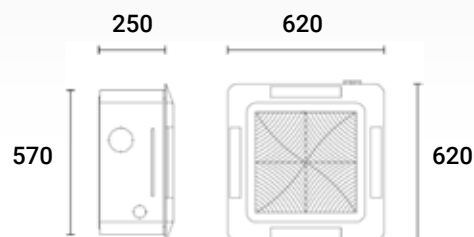
# CASSETTES

## CT-EC

## 4-WAY SINGLE AND DOUBLE

- Condensing pump, non-return valve and float included
- Easily removable and washable filter
- 2 pipe system
- Coil with 2 and 4 rows
- EC-motor
- Remote IR control or wall thermostat (on request)
- Electric heater and safety contactor (on request)
- fresh & adjacent room air spigot (on request)
- Panel in ABS
- Panel in powder coated aluminium on request

ebm



CT-EC		2 pipes 049	2-pipes 126
Nominal airflow	m <sup>3</sup> /h	950	1.620
Total cooling capacity <sup>(1)</sup>	kW	5,64	8,09
Sensible cooling capacity <sup>(1)</sup>	kW	3,93	6,16
Heating capacity <sup>(2)</sup>	kW	6,04	7,82
Sound Power Level Lw <sup>(3)</sup>	dB(A)	64,0	67,0

<sup>(1)</sup> Air 27/19°C – Water 7-12°C according to EN1397:2015

<sup>(2)</sup> Air 20°C – Water 45-40°C according to EN1397:2015

<sup>(3)</sup> 1/3 octave band frequency according to EN16583:2022

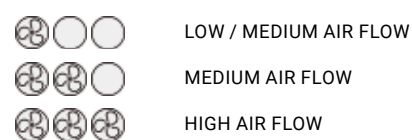


Euroclima participates in the EPC programme for Air Handling Units (AHU) and Fan Coil Units (FCU); Check ongoing validity of certificate: [eurovent-certification.com](http://eurovent-certification.com)



Euroclima decorative units with their unique design are the optimal solution for room installation in hotels, offices, hospitals, school etc.

**Newest technologies, flexibility** for special requirements, **wide performance range, effective control system** to **lower energy consumption, low noise**, clean air (air filtration), effective **air exchange, design**, production **quality** and **long lasting lifetime** are the main advantages.



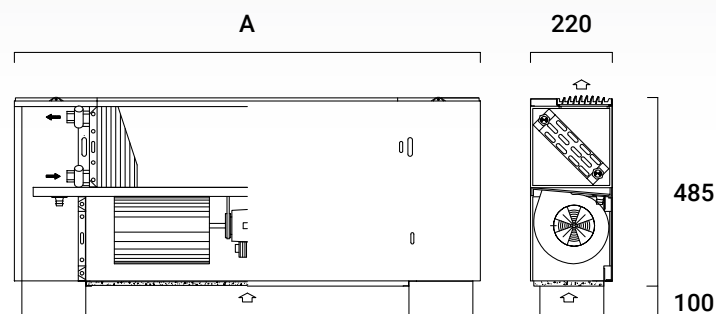
# DECORATIVE UNITS

## F / FE



## VERTICAL

- Bottom intake and vertical discharge with ABS grille
- Easily removable G2 filter
- 2 pipe system
- Coil with 3 rows
- Extended drain pan with 5 mm insulation
- AC motor (F) and EC motor (FE)
- Motor ATEX and IP65



	F/FE	02	03	04	06	07
Nominal airflow	m³/h	345	435	720	805	980
Total cooling capacity <sup>(1)</sup>	kW	1,36	2,44	3,62	4,79	5,74
Sensible cooling capacity <sup>(1)</sup>	kW	1,36	1,87	2,60	3,45	4,16
Heating capacity <sup>(2)</sup>	kW	2,13	2,85	4,54	5,23	6,33
Sound Power Level Lw <sup>(3)</sup>	dB(A)	58	61	63	65	65
Width "A"	mm	840	1.040	1.240	1.440	1.640



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<sup>(1)</sup> Air 27/19°C – Water 7-12°C according to EN1397:2015

<sup>(2)</sup> Air 20°C – Water 45-40°C according to EN1397:2015

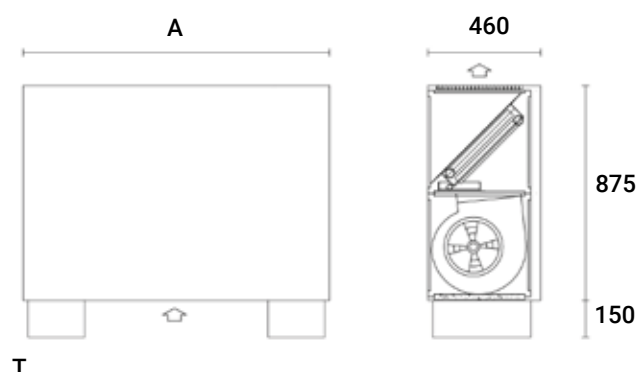
<sup>(3)</sup> Air 20°C – Water 45-40°C according to EN16583:2022

## T, TE

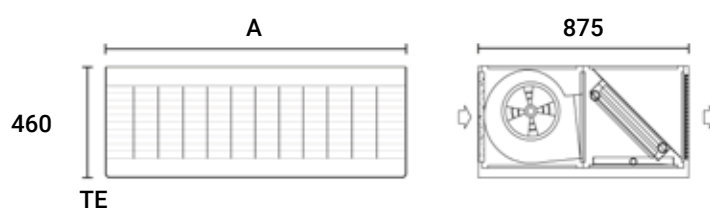


## VERTICAL (T) AND HORIZONTAL (TE)

- Bottom intake and vertical discharge with alu grill (T)
- Side intake and side discharge with alu grill (TE)
- Easily removable G3 filter
- 2 or 4 pipe system
- Coil with 4, 5, 4+1 or 5+1 rows
- Drain pan insulated 5 mm
- Additional drain pan insulated 5 mm, if valve is mounted (only for type T)
- AC or EC motor



	T TE	35
Nominal airflow	m³/h	2.965
Total cooling capacity <sup>(1)</sup>	kW	17,67
Sensible cooling capacity <sup>(1)</sup>	kW	11,75
Heating capacity <sup>(2)</sup>	kW	23,37
Sound Power Level Lw <sup>(3)</sup>	dB(A)	61
Width "A"	mm	2.050

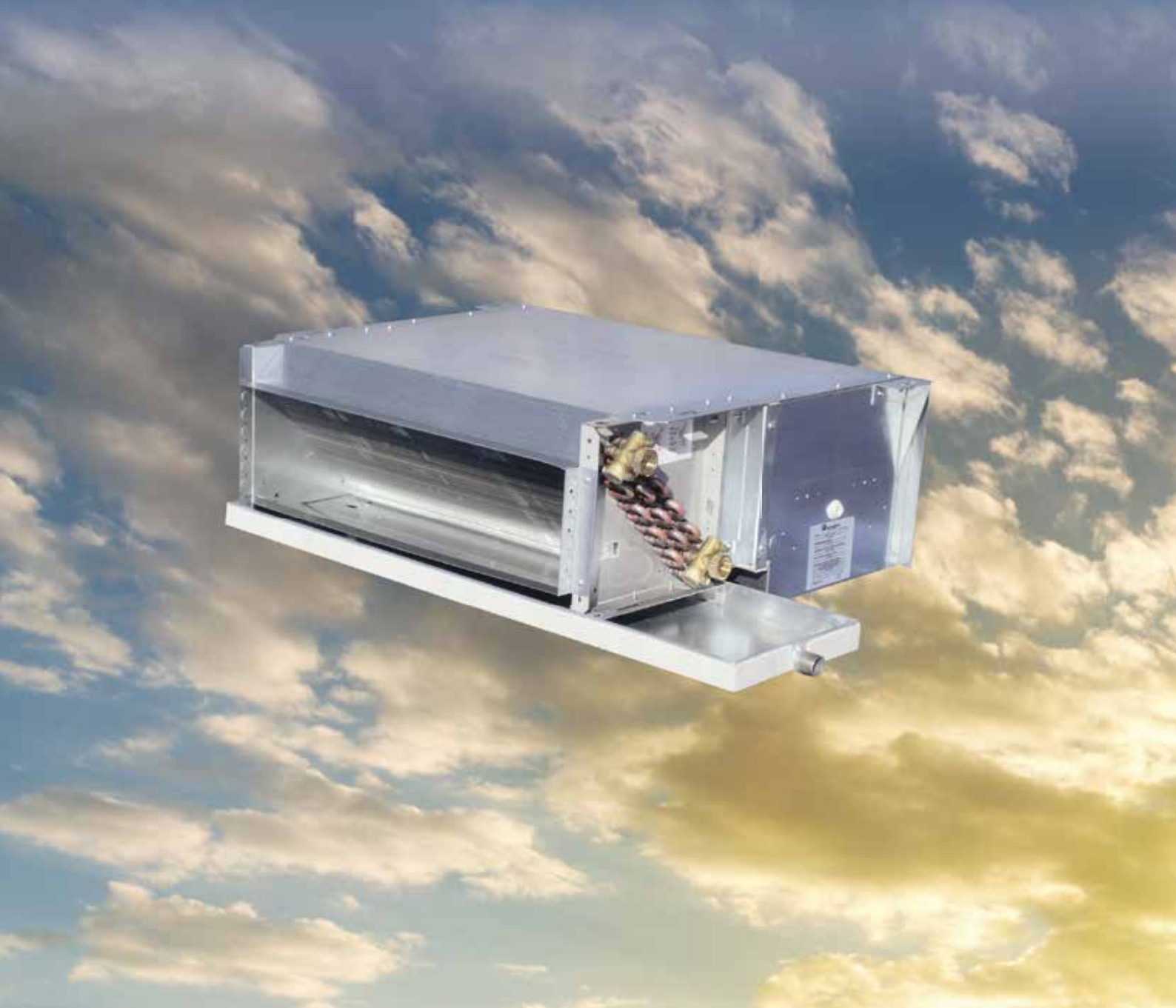


<sup>(1)</sup> Air 27/50% r.h – Water 7-12°C

<sup>(2)</sup> Air 20°C – Water 50°C same waterflow as in cooling conditions

<sup>(3)</sup> Octave band central frequency





Euroclima ducted units are the optimal solution for **limited space**, mainly used for **installation in the false ceiling**.

The **design** of the units and the **optimally selected fans** guarantee **quiet operation** even at high external static pressure.

The units can be vertical or horizontal.



LOW / MEDIUM AIR FLOW

MEDIUM AIR FLOW

HIGH AIR FLOW

# DUCTED UNITS

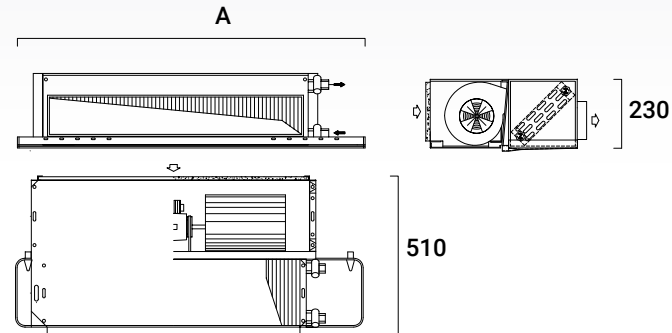
F-H, FE-H



HORIZONTAL

- Rear intake and horizontal discharge
- Easily removable G2 filter
- 2 pipe system
- Coil with 3 rows
- Extended drain pan with 5 mm insulation
- AC motor (F-H) and EC motor (FE-H)
- Motor ATEX and IP65

up to 70 Pa



F-H/FE-H		02	03	04	06	07	09
Nominal airflow	max m³/h   Pa	288 52	278 52	587 52	617 52	809 52	999 52
Nominal airflow	med m³/h   Pa	270 50	278 50	554 50	656 50	764 50	941 50
Nominal airflow	min m³/h   Pa	249 44	272 48	517 45	625 48	705 46	893 47
Total cooling capacity <sup>(1)</sup>	kW	1,24	1,94	3,27	3,57	4,88	6,24
Sensible cooling capacity <sup>(1)</sup>	kW	1,17	1,55	2,51	3,07	3,58	4,43
Heating capacity <sup>(2)</sup>	kW	1,83	2,34	3,82	3,82	5,39	6,67
Sound Power Level Lw inlet+radiated <sup>(3)</sup>	db(A)	64	65	68	69	71	71
Sound Power Level Lw outlet duct <sup>(3)</sup>	db(A)	63	64	67	68	70	70
Width "A"	mm	700	900	1.100	1.300	1.500	1.700

<sup>(1)</sup> Air: 27/19° C - Water in: 7/12° C according to EN1397:2015

<sup>(2)</sup> Air: 20° C - Water in 45-40° C according to EN1397:2015

<sup>(3)</sup> 1/3 Octave band frequency according to EN16583:2022



Euroclima participates in the EPC programme for Air Handling Units (AHU) and Fan Coil Units (FCU); Check ongoing validity of certificate: [eurovent-certification.com](http://eurovent-certification.com)

# DUCTED UNITS

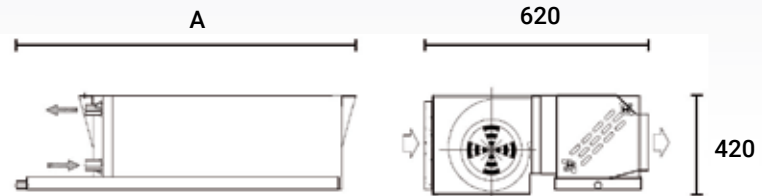
## C-H/CE-H



- Rear intake and horizontal discharge
- Easily removable G3 filter
- 2 or 4 pipes system
- Coil with 2, 3, 2+1 or 3+1 rows
- Extended drain pan with 5 mm insulation
- AC motor (C-H) and EC motor (CE-H)

up to 160 Pa

## HORIZONTAL



Euroclima participates in the EPC programme for Air Handling Units (AHU) and Fan Coil Units (FCU); Check ongoing validity of certificate: [eurovent-certification.com](http://eurovent-certification.com)

C-H / CE-H		09	11	17	20	23	32
Nominal airflow	max m³/h   Pa	774   57	867   60	1568   58	1646   59	2205   60	2391   60
Nominal airflow	med m³/h   Pa	725   50	799   50	1450   50	1519   50	1999   50	2195   50
Nominal airflow	min m³/h   Pa	637   38	735   42	1303   41	1382   42	1803   41	2009   42
Total cooling capacity <sup>(1)</sup>	kW	3,61	4,34	7,31	8,39	10,42	12,63
Sensible cooling capacity <sup>(1)</sup>	kW	2,63	3,18	5,32	5,93	7,59	8,87
Heating capacity <sup>(2)</sup>	kW	4,16	4,98	8,42	9,28	11,99	13,82
Sound Power Level Lw inlet+radiated <sup>(3)</sup>	db(A)	71	71	75	73	75	74
Sound Power Level Lw outlet duct <sup>(3)</sup>	db(A)	70	70	74	72	74	73
Width "A"	mm	700	900	1.100	1.300	1.500	1.700

<sup>(1)</sup> Air: 27/19° C - Water in: 7/12° C according to EN1397:2015

<sup>(2)</sup> Air: 20° C - Water in 45-40° C according to EN1397:2015

<sup>(3)</sup> 1/3 Octave band frequency according to EN16583:2022

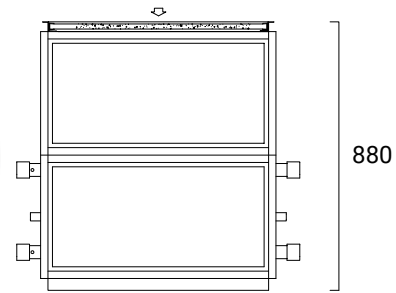
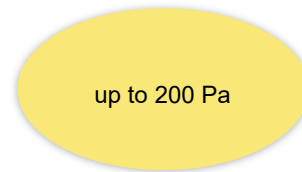
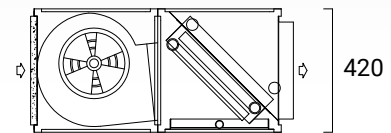
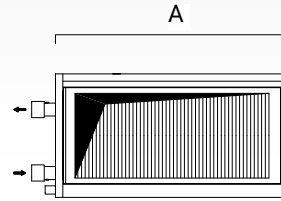


# DUCTED UNITS

## T-H, TE-H



- Bottom intake and vertical discharge with alu grill (TE-H)
- Rear intake and horizontal discharge with alu grill (T-H)
- Easily removable G3 filter
- 2 or 4 pipe systems
- Coil with 4, 5, 4+1 or 5+1 rows
- Drain pan insulated 5 mm
- AC or EC motor



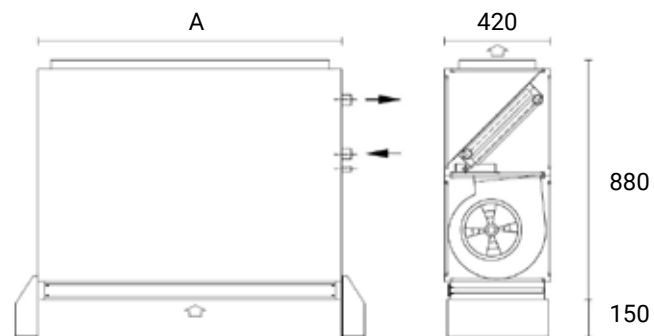
TO / TO-EC

	T-H TE-H	30	35	50	60
Nominal airflow	m <sup>3</sup> /h	4.325	4.700	5.860	6.780
Total cooling capacity <sup>(1)</sup>	kW	22,95	25,24	31,10	35,19
Sensible cooling capacity <sup>(1)</sup>	kW	15,10	16,66	20,41	23,29
Heating capacity <sup>(2)</sup>	kW	30,97	34,07	41,90	47,91
Sound Power Level Lw <sup>(3)</sup>	dB(A)	73	72	75	73
Width "A"	mm	1.400	1.600	1.800	2.000

<sup>(1)</sup> Air 27/50% r.h – Water 7-12°C

<sup>(2)</sup> Air 20°C – Water 50°C same waterflow as in cooling conditions

<sup>(3)</sup> Octave band central frequency



TI / TI-EC

# DOUBLE SKIN SELF-SUPPORTING UNITS



Euroclima double skin self-supporting units are the optimal solution for **limited space**, mainly used for **installation in the false ceiling**.

Thanks to the **double skin construction** (23 mm soundabsorbing rock wool insulation with 20 kg/m<sup>3</sup>) the unit can handle **high static pressure drops** with reduced noise values.



LOW / MEDIUM AIR FLOW

MEDIUM AIR FLOW

HIGH AIR FLOW

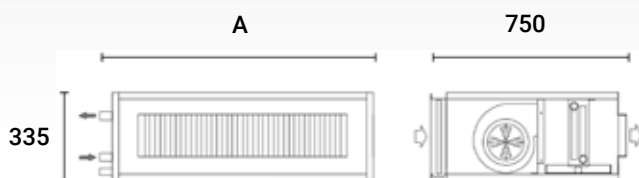
# DOUBLE SKIN SELF-SUPPORTING UNITS

## DF/DEF



- 25 mm double skin panel with rock wool (20kg/m<sup>3</sup>)
- Rear intake and horizontal discharge
- Easily removable G2 filter
- 2 or 4 pipes system
- Coil with 2, 3, 2+1 or 3+1 rows
- Drain pan with 5 mm insulation
- AC motor (DF) and EC motor (DEF)
- Motor ATEX and IP65

## HORIZONTAL



up to 70 Pa

	DF/DEF	02	03	04	06	07	09
Nominal airflow	m <sup>3</sup> /h	405	480	850	940	1.140	1.325
Total cooling capacity <sup>(1)</sup>	kW	2,28	3,34	4,74	5,68	6,81	8,16
Sensible cooling capacity <sup>(1)</sup>	kW	1,57	2,16	3,26	3,78	4,56	5,36
Heating capacity <sup>(2)</sup>	kW	2,96	3,94	6,15	7,08	8,54	10,03
Sound Power Level Lw <sup>(3)</sup>	db(A)	54	55	60	60	61	63
Width "A"	mm	600	800	1.000	1.200	1.400	1.600

<sup>(1)</sup> Air 27/50% r.h – Water 7-12°C

<sup>(2)</sup> Air 20°C – Water 50°C same waterflow as in cooling conditions

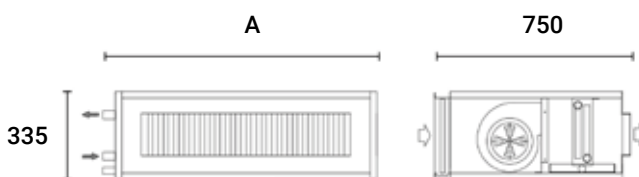
<sup>(3)</sup> Octave band central frequency

## DC/DEC



- 25 mm double skin panel with rock wool (20kg/m<sup>3</sup>)
- Rear intake and horizontal discharge
- Easily removable G3 filter
- 2 or 4 pipes system
- Coil with 3, 4 or 3+1 rows
- Drain pan with 5 mm insulation
- AC motor (DC) and EC motor (DEC)

## HORIZONTAL



up to 160 Pa

	DC/DEC	09	11	17	20	23	32
Nominal airflow	m <sup>3</sup> /h	900	1.080	1.800	1.975	2.570	2.910
Total cooling capacity <sup>(1)</sup>	kW	4,20	6,23	10,07	11,88	15,19	17,82
Sensible cooling capacity <sup>(1)</sup>	kW	3,27	4,29	6,83	7,85	10,03	11,79
Heating capacity <sup>(2)</sup>	kW	6,06	8,01	12,86	14,69	18,83	21,97
Sound Power Level Lw <sup>(3)</sup>	db(A)	63	63	67	64	66	67
Width "A"	mm	600	800	1.000	1.200	1.400	1.600

<sup>(1)</sup> Air 27/50% r.h – Water 7-12°C

<sup>(2)</sup> Air 20°C – Water 50°C same waterflow as in cooling conditions

<sup>(3)</sup> Octave band central frequency



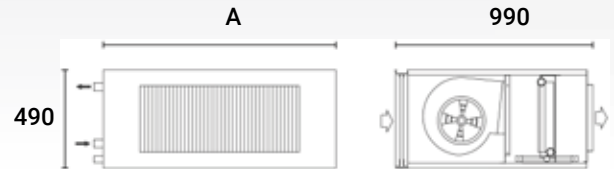
# DOUBLE SKIN SELF-SUPPORTING UNITS

## DT/DET



- 25 mm double skin panel with rock wool (20kg/m<sup>3</sup>)
- Rear intake and horizontal discharge
- Easily removable G3 filter
- 2 or 4 pipes system
- Coil with 4, 5, 4+1 or 5+1 rows
- Drain pan with 5 mm insulation
- AC motor (DT) and EC motor (DET)

## HORIZONTAL



up to 200 Pa

	DT/DET	15	20	30	35	50	60
Nominal airflow	m <sup>3</sup> /h	2.170	2.170	4.325	4.700	5.860	6.780
Total cooling capacity <sup>(1)</sup>	kW	14,12	14,85	28,16	31,40	38,05	43,78
Sensible cooling capacity <sup>(1)</sup>	kW	9,42	9,97	18,79	20,80	25,37	29,19
Heating capacity <sup>(2)</sup>	kW	17,26	18,01	34,41	37,95	46,51	53,57
Sound Power Level Lw <sup>(3)</sup>	db(A)	67	66	71	70	73	71
Width "A"	mm	800	1.000	1.400	1.600	1.800	2.000

<sup>(1)</sup> Air 27/50% r.h – Water 7-12°C

<sup>(2)</sup> Air 20°C – Water 50°C same waterflow as in cooling conditions

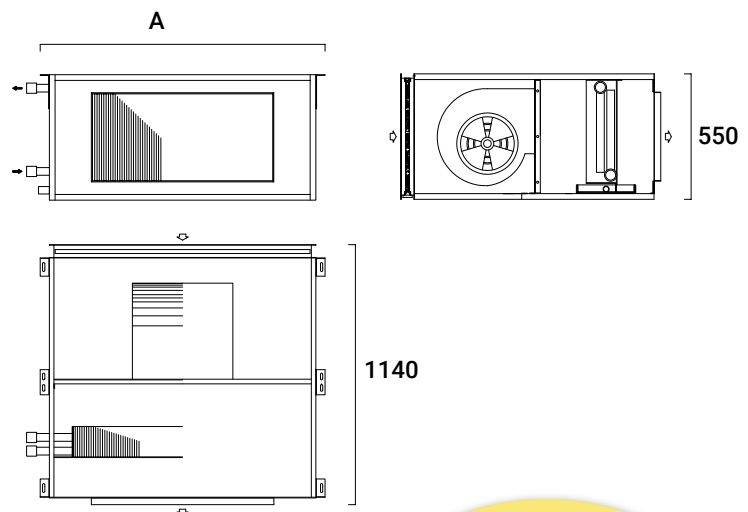
<sup>(3)</sup> Octave band central frequency

## TE-DS



- 25 mm double skin panel with rock wool (20kg/m<sup>3</sup>)
- Rear intake and horizontal discharge
- Easily removable G3 filter
- 2 or 4 pipes system
- Coil with 5, 6, 5+1 or 6+1 rows
- Drain pan with 5 mm insulation
- EC motor

## HORIZONTAL



up to 400 Pa

	TE-DS	20	30	60
Nominal airflow	m <sup>3</sup> /h	3.266	5.847	9.111
Total cooling capacity <sup>(1)</sup>	kW	21,90	38,92	60,28
Sensible cooling capacity <sup>(1)</sup>	kW	15,24	26,56	41,09
Heating capacity <sup>(2)</sup>	kW	27,32	47,99	74,38
Sound Power Level Lw <sup>(3)</sup>	db(A)	75	78	79
Width "A"	mm	1.000	1.400	2.000

<sup>(1)</sup> Air 27/50% r.h – Water 7-12°C

<sup>(2)</sup> Air 20°C – Water 50°C same waterflow as in cooling conditions

<sup>(3)</sup> Octave band central frequency

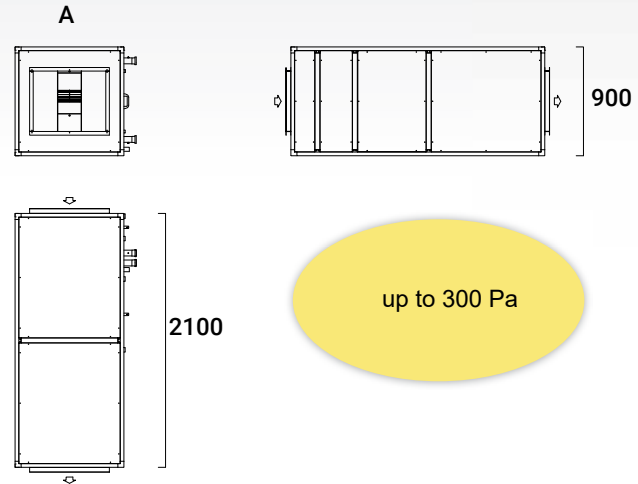
# DOUBLE SKIN SELF-SUPPORTING UNITS

**TME**



- 25 mm mm double skin panel with rock wool (20kg/m3)
- Rear intake and horizontal discharge
- Easily removable double filter G3+F7
- 2 pipes system
- Coil with 5 or 6 rows
- Silencers on supply and precutted sheet on fan section
- Drain pan with 5 mm insulation
- EC motor (monophase)

**HORIZONTAL**



	TME	035	070	105	140
Nominal airflow	m³/h	4.380	8.190	11.390	14.020
Total cooling capacity <sup>(1)</sup>	kW	30,24	58,41	82,82	103,55
Sensible cooling capacity <sup>(1)</sup>	kW	20,22	38,56	54,49	67,77
Heating capacity <sup>(2)</sup>	kW	36,44	69,15	97,29	120,66
Sound Power Level Lw <sup>(3)</sup>	dB(A)	66	69	71	73
Width "A"	mm	900	1.500	2.100	2.610

<sup>(1)</sup> Air 27/50% r.h – Water 7-12°C

<sup>(2)</sup> Air 20°C – Water 50°C same waterflow as in cooling conditions

<sup>(3)</sup> Octave band central frequency

# CONTROLS & REGULATIONS

## SERIE A-C300-304

## Electronic multifunction thermostat BMS (Building Management System)

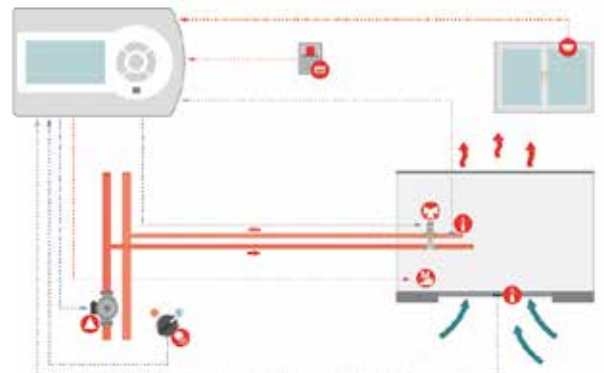
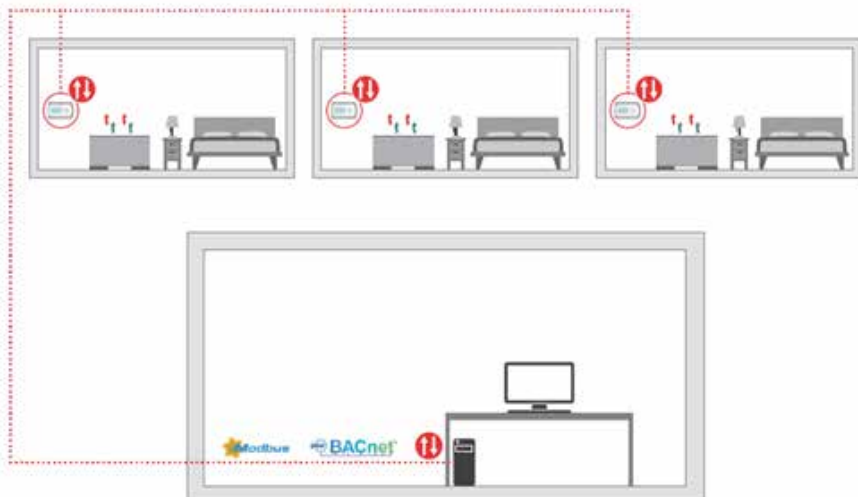


- 1 Pre-programmed controller with display, clock and communication



- Communication via RS485 (Modbus or BACnet)
- Quick and safe onfiguration with the Evolution tool
- Easy installation
- Control On/Off or 0...10 V
- Input for keycard, window contract, CO2 sensor and season change modus
- Clock for management of time bands

USB connection for  
parameter configuration  
& software update





# CONTROLS & REGULATIONS



## **A630 & A530 - Electronic analog thermostat unit mounted (AC-motors)**

3-speed fan switch, summer/winter switch, desired room temperature control, continuous/thermostat controlled ventilation, for 2 or 4 pipes systems, with valve control (A530) or without valve control (A630), with or without minimum water temperature thermostat, with internal or remote temperature sensor.



## **A70 & A70D - Electronic thermostat (AC-motors)**

3-speed fan switch, summer/winter switch, desired room temperature control, continuous/thermostat controlled ventilation, for 2 or 4 pipes systems, with or without valve control, with or without minimum water temperature thermostat, with internal or remote temperature sensor. A70 analog, A70D digital.



## **A111 - Electronic digital thermostat (EC motors)**

Configurable with 0...10 Vdc for EC-motors, desired room temperature control, summer/winter switch, continuous/thermostat controlled ventilation, for 2 or 4 pipes systems, with or without valve control ON/OFF and modulating (24 Vac), with or without minimum water temperature thermostat, with internal or remote temperature sensor.



## **A94 - Power interface**

Power supply 230Vac - controls up to 4 fancoils with 3 speeds.  
The signals transmitted from the thermostat respectively switch a relay which controls the wired speed of the motor (max. 3A - 250V for each motor).



## **TEL - IR Remote control for Cassettes**

3-speed fan switch, desired room temperature control, summer/winter switch, continuous/thermostat controlled ventilation.



## **EE & EH - Electrical heating element (V230/1)**

Standard or high capacity heating elements from 700 to 5000 W including security thermostat with manual reset (automatic reset on request) and power contactor, wired to electric box. Dimensions from 350 to 1550 mm. Support for the parallel connection of several heating elements (on request).

# CONTROLS & REGULATIONS



## Actuator V230/1

22C (ON/OFF) – NC with thermostatic wax element, (24Vac on request)  
SMP28 (ON/OFF) – for 3-way globe valves DN from 1"  
EMUJIC (MODULATING) – actuator 24Vac with LED signal



## 2 / 3-way valve + bypass

Available for DN ½" and DN ¾"  
Brass valve body with steel shaft, PN 16



## 2 / 3-way valve

Available for DN 1" and DN 1 ½"  
Brass valve body with steel shaft, PN 16



## Stop valve, balancing valve, ball valve

Stop valve on the water entry to manually regulate the water flow.  
Balancing valve on the water exit to balance the water circuit.  
Ball valve for DN from 1"



## A49 - Condensate pump

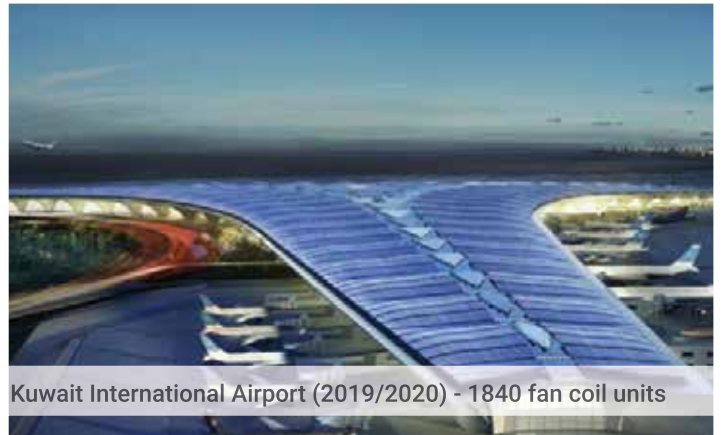
Composed of pump block and detection unit, flow rate 10, 20 and 30 l/h for fancoils with low, medium and high air flow.



## Germicidal lamp kit

Composed of: germicidal lamp, electronic ballast, lamp holder, galva steel support for germicidal lamp kit

# REFERENCES





# REFERENCES



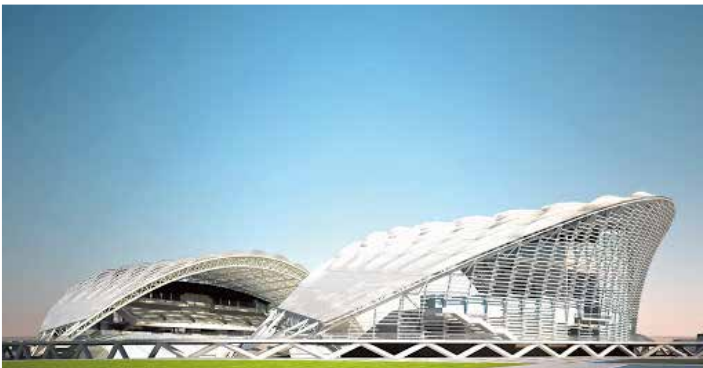
New Juventus Stadium, Turin (2013) - 20 fan coil units



Bank of Italy Head Office, Rome (2003) - 300 fan coil units



Egyptian Museum, Turin (2012) - 25 fan coil units



Kuwait university SAAF (2019) - 192 fan coil units



Church of the Eremitani, Padova (2011) - 40 fan coil units



Ministry of Mercantile Marine, Rome (1998) - 200 fan coil units



Woolworths supermarket, Australia, Chelsea Heights (2016) - 2 fan coil units



# REFERENCES



Domodedovo Airport, Moscow (2012-2014 and 2017) - 1.300 and 350 fan coil Units



Turkish Embassy, Paris (1998) - 180 fan coil units



European Parliament, Brussels (2006) - 430 fan coil units



Curtis Plaza Hotel, Warsaw (1992) - 400 fan coil units



Hilton Sharks Bay Resort, Sharm El Sheikh (1998) - 520 fan coil units



Metro, Copenhagen (2016-2018) - 370 fan coil units



National Library, Alexandria, Egypt (2002) - 60 fan coil units

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