



Ductable horizontal (UTC-ECM) or vertical (UTV-ECM) fan coil units, EC motor type UTC-ECM/UTV-ECM

Indoor high capacity fan coil units for cooling and/or heating with water (50 kW in cooling, 60 kW in heating)

Brand

- Ventilclima

Application

For cooling and/or heating by water of hotels, shops, offices,...

Composition

- Galvanized steel sheet (15/10mm) insulated in all parts in direct contact with the conditioned air
- Insulated condensate tray made of galvanised steel sheet
- Blower section with centrifugal fans, statically and dynamically balanced horizontally-oriented aluminium impellers
- EC motor 0-10V speedregulation
- The heat exchanger are made of copper pipes expanded in aluminum fins, with female fittings and air vents, connection left or right following demand

Options

- 2 or 4 pipes
- Vertical or horizontal
- Left or right waterconnection
- With or without pre-painted sheet external panels
- Standard EC motor 0-10V

Versions

- 7 sizes
- Vertical or horizontal

Accessories

- Regulation **I-30** (EC digital)
- 2 way valves **UTC/UTV-2WV**
- 3 way valves **UTC/UTV-3WV**
- On/off or modulating motor 230 or 24V
- Section for fresh air louver
- Filter (EU1)
- Electrical heating element
- In and outlet plenum
- 4 and 6 row battery

Order example

UTC,V-ECM-70-L/2P

Explanation

UTC = High pressure horizontal fan coil unit

UTV = High pressure vertical fan coil unit

ECM = EC motor 0-10V

70 = size, see table

L = waterconnection Left, **R** = waterconnection Right

2P= 2pipes, **4P**= 4pipes

Text for tender

Basic unit, EUROVENT certificated, made of galvanized steel (prepared following Zendzimir method).

The unit includes motor and fan, cool -and/or heating coil, filter, main condensate tray and electrical connection.

All parts in contact with conditioned air are insulated.

Total insulated main driptray with condensate connection.

Side panels provided of knock-out system for quick and easy connecting of accessories.

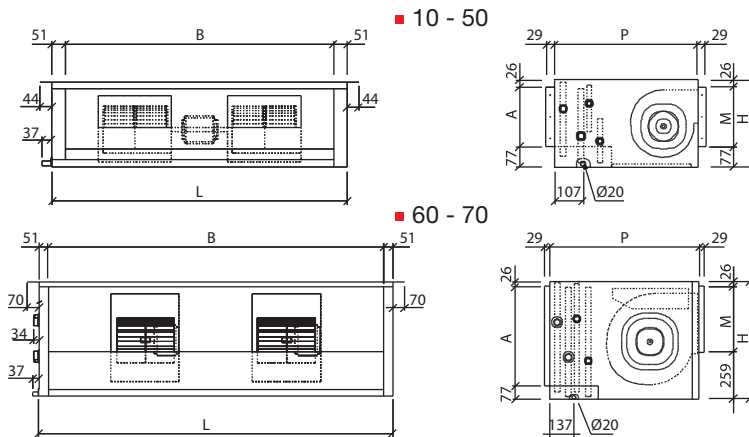
On the back provided of small opening for easy installation of the units.

The coils are made of copper tubes and alu fins, provided of a female connection (GAS) and an air nipple. Water connection are left or right and easy be changed on site.

The fans are depending of the size made of different quantity's of turbines. The total of the fan deck (motor and turbine) is dynamic balanced to avoid noise and are low in consumption.

De motors are totally closed, split-condensator type including an overheating safety. Single phase 230 V / 50 Hz. EC motor 0-10V

The standard filter of polypropylene with metal frame is EU1. Other filters are possible.



type	Dimensions									
	H (mm)	L (mm)	P (mm)	A (mm)	M (mm)	B (mm)	C (mm)	D (mm)	E (mm)	
10	300	650	533	197	197	548	400	67	340	
20	300	1000	533	197	197	898	400	67	340	
30	325	1100	533	222	222	998	400	67	340	
40	325	1340	533	222	222	1238	400	67	340	
50	375	1340	533	272	272	1238	400	67	340	
60	675	1341	853	572	390	1238	725	118	650	
70	675	2028	853	572	390	1926	725	118	650	