

- Fan coils AC Fans
- Ventilclima
- High pressure fans



Ductable horizontal (UTC) or vertical (UTV) fan coil units, AC motor type UTC/UTV

High capacity fan coil units for cooling and/or heating with water (13 kW in cooling, 17 kW in heating)

Brand

- Ventilclima

Application

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

Composition

- Structure made of galvanized steel sheet (15/10mm) and insulated parts in direct contact with the conditioned air
- Insulated condensate tray made of galvanised steel sheet
- Double inlet centrifugal fans with statically and dynamically balanced aluminium impeller
- Standard single-phase asynchronous electric motor with thermal protection and 3 speeds
- Water batteries made of copper tubes with aluminum fins, male gas threaded connections and easily accessible air vent valves. Left side connections as standard, right side connections available on demand.
- **ECM model with EC motor also available**
- **Filter SFA (G3) available as an option**
- **UTC/UTV model 60 and 70 model no longer available with AC fan motor, but still with EC motor**

Options

- Connection with 2 or 4 pipes
- Vertical (**UTV**) or horizontal (**UTC**) installation
- Left or right hydraulic connections
- With or without external panels made of pre-painted sheet
- SDP (signal amplifier) mounted as standard on UTC/UTV on size 50
- Available with EC motor on demand (model UTV-ECM or UTC-ECM)

Versions

- 5 sizes (7 with EC-fan)
- Vertical or horizontal
- **L** = Unit in left-hand version: when one is standing in front of the device (vertical) or if the device blows into one's face (horizontal) and the hydraulic connection is on the left (see downloads - hydraulic connection)
- **R** = Unit in right-hand version: when one is standing in front of the device (vertical) or if the device blows into one's face (horizontal) and the hydraulic connection is on the right (see downloads - hydraulic connection)

Accessories

- SDP power interface cart as a signal amplifier, type **SDP (standard mounted on UTC/UTV 50)**
- **SDI-V module** to place up to 4 x UTC/UTVs on 1 controller (for units with an SDP module this is already possible as standard and the SDI-V is not required)
- Thermostats for UTC/UTV with AC-motors: **i-Basic 1, i-Basic 2, i-Basic 3, i-Digit 0, i-Digit 1, i-Digit 2, i-Digit 3, I-30, I-50, I-60** and **I-70**
- 2 way valves **UTC/UTV-2WV**
- 3 way valves **UTC/UTV-3WV**
- On/off or modulating motor 230V or 24V
- Section for fresh air louver
- Filter (G3) **SFA**
- Electrical heating battery
- In and outlet plenumbox
- Battery with 4 or 6 rows
- Plenum for air supply **ASP** type 10 (2x200)
- Plenum for air supply **ASP** type 20/30 (3x200)
- Plenum for air supply **ASP** type 40/50 (4x200)
- Plenum for air supply **ASP** type 60 (2x400) (only for the model 60 with EC-motor)
- Plenum for air supply **ASP** type 70 (4x400) (only for the model 70 with EC-motor)
- Plenum for direct air return **AIP-I**
- Plenum for direct air supply **AIP-S**

Order example

UTC,V-50-L/2P

Explanation

UTC = high pressure horizontal fan coil unit with AC motor

UTV = high pressure vertical fan coil unit with AC motor

50 = size, see table

L = hydraulic connections to the left, **R** = hydraulic connections to the right

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

Text for tender

Basic unit, EUROVENT certified, made of galvanized steel (prepared following Sendzimir 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.

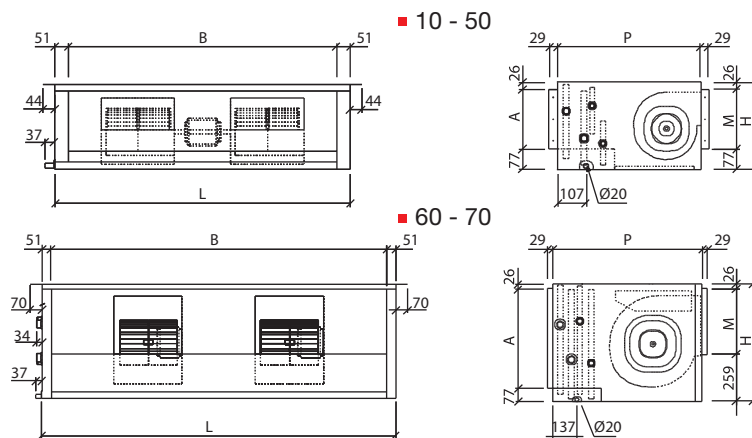
On the back provided of small opening for easy installation of the units.

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. 3 speeds

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



Dimensions									
type	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

UTC & UTC 60 & 70 no longer available with AC-fan
 UTC & UTC 60 & 70 niet meer beschikbaar met AC-ventilator
 UTC & UTC 60 & 70 nest plus disponible avec moteur AC