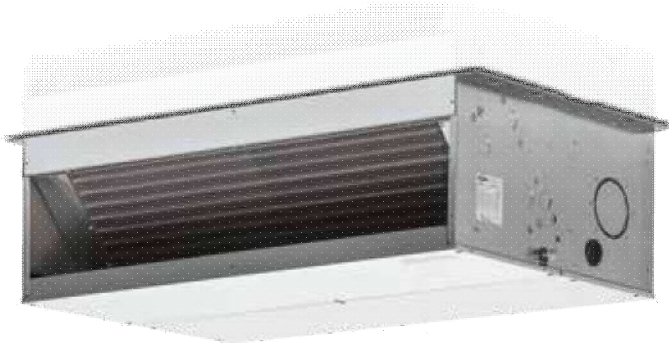


## High-head thermal ventilating units

### UTN 3 - 23 kW



**JONIX**  
pure living

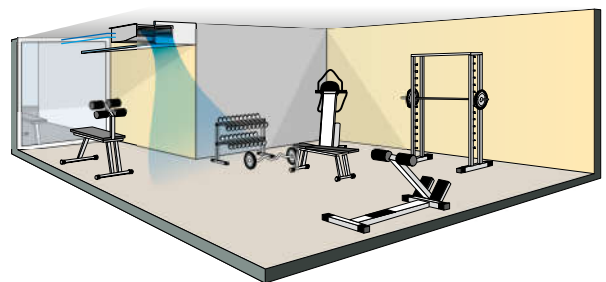


### Flexibility of installation to respond to every need

The UTN range of thermal ventilating units has been developed for air conditioning rooms where the use of ducted hydronic indoor units capable of assuring available heads of up to 180 Pa and cooling capacities of 3 to 23 kW is required. The units are characterised by a high flexibility of installation, as they can in fact be positioned either vertically or horizontally and the orientation of the air intake in the rear or front part of the unit itself can be modified by simply moving the inspection panel. All units have a standard configuration for the intake of fresh air and slots for rapidly fixing them to the wall or ceiling. Their reduced height (280 mm up to size 16 and 350 mm for larger sizes) enables them to be accommodated in normal false ceiling and the availability of a wide range of plumbing and ventilation accessories makes it easy to integrate them into air conditioning systems. The units are available in standard and high-efficiency models, depending on the finned block exchanger used, so that they can be better adapted to the needs of the room to be air-conditioned.

#### PLUS

- » Compact dimensions (height 280 mm up to size 16 and 350 mm for larger sizes)
- » Vertical and horizontal installation
- » Wide range of available accessories for simple integration into the system
- » Available head up to 180 Pa
- » High flexibility of installation
- » Can be integrated into GARDA
- » Incorporable JONIX sanitizing module



Comfort and hygiene

Available on request air decontamination system installed on special plenum.

#### AVAILABLE VERSIONS

##### UTXXX0L0...0A

Thermal ventilating unit suitable for 2-pipe systems

##### UTXXX0LL...0A

Thermal ventilating unit suitable for 4-pipe systems (2 heat exchangers)

##### UTXXX0L0...02

The version with double panelling is made with pre-painted sheet steel insulated with class 0 fire-resistant rockwool **(On request)**

## MAIN COMPONENTS

### Structure

Made of galvanized sheet steel insulated with sound-deadening, heat-insulating, self-extinguishing closed-cell material to reduce noise emissions and prevent the formation of condensate on the outside surface.

### Heat exchanger

It is composed of copper tubing and aluminium fins fixed by expansion.  
Water connections are reversible  
An additional exchanger is available for installing the unit in 4-pipe systems.

### Fan

The aluminium fans are of the centrifugal type, with double suction and staggered blades to reduce noise emissions. They are statically and dynamically balanced to minimize the stresses transmitted to the motor shaft.



### Filter module

The air filter, made of regenerable acrylic fibre, is available as an accessory in filtration classes G2 or G4.

### Electric motor

Three-speed electrical motor, mounted on vibration damping couplings, directly connected to the fans, with permanently activated capacitor and winding thermal protection.

### Condensate collection and drainage system

It consists of two insulated galvanized sheet steel trays designed for horizontal and vertical installation.

## CONFIGURATOR

The models are completely configurable by selecting the version and the options. To the right is shown an example of configuration.

Version	Field	1	2	3	4	5	6	7	8	9	10	11
UT08		D	0	L	0	0	0	0	0	N	0	A

To verify the compatibility of the options, use the selection software or the price list.

## CONFIGURATOR

- |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>1 Version</b><br/>A Ducted version<br/>D Ducted version</p> <p><b>2 Motor</b><br/>0 3-speed motor<br/>I BLDC motor</p> <p><b>3 Main coil hydraulic side</b><br/>L Water connections on the left side<br/>R Water connections on the right</p> <p><b>4 Additional coil hydraulic side / heating element</b><br/>0 Absent<br/>L Water connections on the left side<br/>R Water connections on the right</p> <p><b>5 Valve</b><br/>0 Absent</p> <p><b>6 Control panel</b><br/>0 Absent<br/>E EVOBOARD - Circuit board<br/>G EVOBOARD circuit board + NAVEL Wi-Fi module</p> | <p><b>7 Probes</b><br/>0 Absent<br/>1 SA - Remote air probe for MYCOMFORT, LED503 and EVO<br/>2 SW - Water probe for MYCOMFORT, LED503 and EVO<br/>3 SU - Humidity probe for MYCOMFORT and EVO<br/>4 SA+SW - Remote air and water probes for MYCOMFORT, LED503 and EVO<br/>5 SA+SU - Remote air and humidity probes for MYCOMFORT and EVO<br/>6 SA+SU+SW - Remote air, water, humidity probes for MYCOMFORT and EVO<br/>B SA - Remote air probe for TED<br/>C SW - Water probe for TED<br/>D SA + SW - Air and water probes for TED</p> <p><b>8 Accessories</b><br/>0 Absent<br/>2 JONIX</p> <p><b>9 Filter</b><br/>N No filter</p> <p><b>10 Release</b><br/>0 0<br/>A A</p> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## ACCESSORIES

### Electromechanical control panels

<b>CD</b>	Recess wall-mounted speed switch
<b>IPM</b>	Circuit board for connection of UTN 30-30A-40-40A to control panels.
<b>TA2</b>	Electromechanical room thermostat with summer/winter selection
<b>TC</b>	Thermostat for minimum water temperature in heating mode (42 °C)
<b>TD</b>	Wall mounted control with speed selector, thermostat and summer-winter selector
<b>TDC</b>	Wall mounted control with speed selector and thermostat

### Electronic microprocessor control panels with display

<b>COB</b>	Finishing plate for LED 503 controller, RAL9005 black
<b>COG</b>	Finishing plate for LED 503 controller, RAL7031 grey
<b>COW</b>	Finishing plate for LED 503 controller, RAL9003 white
<b>DIST</b>	MY COMFORT controller spacer for wall mounting
<b>EVO-2-TOUCH</b>	2.8" touch screen user interface for EVO control
<b>EVOBOARD</b>	Circuit board for EVO control
<b>EVO DISP</b>	User interface with display for EVO controller
<b>EYNAVEL</b>	Device for Wi-Fi or Bluetooth communication between EVOBOARD and smartphone
<b>LED503</b>	Recessed wall-mounted electronic display controller LED 503
<b>MCBE</b>	MYCOMFORT BASE electronic controller with display
<b>MCLE</b>	Microprocessor control with display MY COMFORT LARGE
<b>MCME</b>	MYCOMFORT MEDIUM electronic controller with display
<b>MCSUE</b>	Humidity sensor for MY COMFORT (medium e large), EVO
<b>MCSWE</b>	Water sensor for MYCOMFORT and EVO controllers

### Electronic microprocessor control panels

<b>TED 2T</b>	Electronic controller for AC fan control and one ON/OFF 230 V valve
<b>TED 4T</b>	Electronic controller for AC fan control and two ON/OFF 230 V valves
<b>TED SWA</b>	Water temperature sensor for TED controls

### Power interface and regulating louver controllers

<b>CSD</b>	Recess mounted controller for opening and closing the SM motor-driven regulating louver
<b>KP</b>	Power interface for connecting in parallel up to 4 fan coil units to the one controller

### Auxiliary water drip trays, insulating shell, condensate drainage pump

<b>KSC</b>	Condensate drainage pump kit
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### Electrical heating elements

<b>RE</b>	Heating element with installation kit, relay box and safety devices
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### Air inlet and outlet grilles

<b>GA</b>	Aluminium air intake grille, with frame
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<b>GM</b>	Aluminium air outlet grille with 2-row fins and subframe
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<b>GR</b>	Air intake grille with subframe
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<b>GRF</b>	Air intake grille with subframe and filter
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### External air intake louvers

<b>PA90</b>	Motor-driven external air intake louver
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### Valves

<b>V2VDF+STD</b>	2-way valves, ON/OFF or MODULATING actuator, 230 V or 24 V power supply, hydraulic kit, for main and additional heat exchanger
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<b>V2VSTD</b>	2-way valve, ON/OFF or MODULATING actuator, 230 V or 24 V power supply, hydraulic kit, for main heat exchanger
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<b>V3VDF</b>	3-way valves, ON/OFF or MODULATING actuator, 230 V or 24 V power supply, hydraulic kit, for additional heat exchanger
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<b>V3VSTD</b>	2-way valves, ON/OFF or MODULATING actuator, 230 V or 24 V power supply, hydraulic kit, for main heat exchanger
---------------	-----------------------------------------------------------------------------------------------------------------

<b>VPIC</b>	2-way valves pressure independent, ON/OFF or MODULATING actuator, 230 V or 24 V power supply, hydraulic kit, for main heat exchanger
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### Plenum, air intake modules, air inlet and outlet connectors and cabinets

<b>G90</b>	90° connection for intake/delivery
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<b>MAF</b>	Air intake module with G2 flat air filter
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<b>MAFO</b>	Air intake module with G4 undulated air filter
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<b>PCOC</b>	Junction panel with rectangular duct
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<b>PCOF</b>	Junction panel with flexible circular duct Ø 200
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### Flexible ducts - caps

<b>TFA</b>	Not insulated flexible ducts, Ø 200 mm (6 m length indivisible)
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<b>TFM</b>	Insulated flexible ducts, Ø 200 mm (6 m length indivisible)
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<b>TP</b>	Plastic cap Ø 200 mm
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### Air inlet and outlet plenum box

<b>CA</b>	Air Inlet plenum box with double row grille
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<b>CAF</b>	Air Inlet plenum box with double row grille 300 x 600 mm and filter G2
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<b>CM</b>	Insulated air outlet plenum box with grille
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### Accessories

<b>UYBP</b>	Hot water post-heating exchanger kit
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<b>VRCH</b>	Auxiliary water drip tray for horizontal installation units
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<b>VRCV</b>	Auxiliary water drip tray for vertical installation units
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### Sanitisation system

<b>JONIX - mic</b>	Sanitizing module JONIX™ (ducted installation)
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<b>JONIX - pln</b>	Sanitizing module JONIX™ (installation on plenum)
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## RATED TECHNICAL DATA 2 PIPES

UTN			6A			6D			8A			8D		
Speed			min	med	max	min	med	max	min	med	max	min	med	max
Rated air flow	(E)	m <sup>3</sup> /h	343	458	561	348	465	572	532	692	791	534	700	802
Available static pressure	(E)	Pa	28	50	75	28	50	75	30	50	65	29	50	65
Power input	(E)	W	84	122	188	84	122	188	135	185	265	135	185	265
Total cooling capacity	(1)(E)	kW	2,22	2,88	3,39	1,94	2,46	2,84	3,29	4,09	4,50	2,74	3,36	3,65
Sensible cooling capacity	(1)(E)	kW	1,63	2,13	2,52	1,47	1,87	2,16	2,45	3,08	3,41	2,10	2,59	2,83
FCEER class	(E)		E											
Water flow	(2)	l/h	382	496	584	334	424	489	567	704	775	472	579	629
Water pressure drop	(2)(E)	kPa	4	6	9	5	8	11	8	12	14	10	14	17
Heating capacity	(3)(E)	kW	2,47	3,14	3,70	2,19	2,75	3,20	3,55	4,36	4,83	3,04	3,69	4,05
FCCOP class	(E)		D			E			E			E		
Water flow	(3)	l/h	425	541	637	377	474	551	611	751	832	523	635	697
Water pressure drop	(3)(E)	kPa	4	6	8	5	8	10	7	11	13	9	13	15
Standard coil - number of rows			4			3			4			3		
Total sound power level	(4)	dB(A)	48	57	63	48	57	63	54	61	66	54	61	66
Inlet + radiated sound power level	(4)(E)	dB(A)	46	54	61	46	54	61	52	59	64	52	59	64
Outlet sound power level	(4)(E)	dB(A)	45	53	59	45	53	59	51	58	63	51	58	63

UTN			12A			12D			16A			16D		
Speed			min	med	max	min	med	max	min	med	max	min	med	max
Rated air flow	(E)	m <sup>3</sup> /h	1000	1107	1203	1019	1134	1238	1198	1371	1581	1207	1384	1606
Available static pressure	(E)	Pa	41	50	59	40	50	59	38	50	66	38	50	67
Power input	(E)	W	345	385	460	345	385	460	290	380	505	290	380	505
Total cooling capacity	(1)(E)	kW	5,54	5,99	6,34	4,98	5,39	5,70	6,67	7,41	8,24	6,03	6,63	7,32
Sensible cooling capacity	(1)(E)	kW	4,11	4,47	4,73	3,66	3,94	4,16	5,23	5,86	6,58	4,84	5,39	6,04
FCEER class	(E)		E											
Water flow	(2)	l/h	954	1031	1092	858	928	982	1149	1276	1419	1038	1142	1261
Water pressure drop	(2)(E)	kPa	15	17	19	18	21	24	11	13	16	17	20	24
Heating capacity	(3)(E)	kW	6,29	6,80	7,26	5,59	6,03	6,42	7,28	8,04	8,93	6,47	7,11	7,88
FCCOP class	(E)		E											
Water flow	(3)	l/h	1083	1171	1250	963	1038	1106	1254	1384	1538	1114	1224	1357
Water pressure drop	(3)(E)	kPa	14	17	18	17	19	22	10	12	14	15	17	21
Standard coil - number of rows			4			3			4			3		
Total sound power level	(4)	dB(A)	61	63	69	59	63	69	62	67	72	62	67	72
Inlet + radiated sound power level	(4)(E)	dB(A)	56	60	66	56	60	66	60	64	70	60	64	70
Outlet sound power level	(4)(E)	dB(A)	59	59	65	55	59	65	58	63	69	58	63	69

(1) Water temperature 7°C/12°C, air temperature dry bulb 27°C, wet bulb 19°C (47% relative humidity) according to EN1397:2021

(2) Water temperature 7°C / 12°C, air temperature dry bulb 27°C, wet bulb 19°C (47% relative humidity)

(3) Water temperature 45°C / 40°C, air temperature 20°C

(4) Sound power measured according to standards ISO 3741 and ISO 3742

(E) EUROVENT certified data

Power supply 230-1-50 (V-ph-Hz)

**RATED TECHNICAL DATA 2 PIPES**

UTN			22A			22D			30A			30D		
Speed			min	med	max	min	med	max	min	med	max	min	med	max
Rated air flow	(E)	m <sup>3</sup> /h	1436	1819	2222	1483	1898	2376	2074	2604	3174	2092	2641	3207
Available static pressure	(E)	Pa	31	50	75	30	50	78	32	50	74	31	50	74
Power input	(E)	W	370	535	750	370	535	750	870	1090	1300	870	1090	1300
Total cooling capacity	(1)(E)	kW	9,20	11,2	13,1	8,41	10,1	11,8	12,9	15,4	17,7	11,6	13,8	15,9
Sensible cooling capacity	(1)(E)	kW	6,76	8,32	9,85	6,35	7,75	9,22	9,38	11,4	13,5	8,61	10,4	12,2
FCEER class	(E)		E											
Water flow	(2)	l/h	1584	1927	2249	1448	1743	2039	2221	2652	3048	2003	2382	2741
Water pressure drop	(2)(E)	kPa	12	17	22	15	21	29	27	37	48	21	29	37
Heating capacity	(3)(E)	kW	9,73	11,7	13,7	9,06	10,8	12,7	13,7	16,4	19,1	12,7	15,0	17,3
FCCOP class	(E)		E											
Water flow	(3)	l/h	1676	2020	2354	1560	1867	2190	2359	2824	3289	2183	2592	2977
Water pressure drop	(3)(E)	kPa	10	14	19	14	19	25	23	32	41	18	25	31
Standard coil - number of rows			4			3			5			4		
Total sound power level	(4)	dB(A)	60	67	74	60	67	74	69	73	78	69	73	78
Inlet + radiated sound power level	(4)(E)	dB(A)	58	65	72	58	65	72	67	71	76	67	71	76
Outlet sound power level	(4)(E)	dB(A)	57	64	71	57	64	71	66	70	75	66	70	75

UTN			40A			40D		
Speed			min	med	max	min	med	max
Rated air flow	(E)	m <sup>3</sup> /h	3067	3622	4287	3129	3706	4422
Available static pressure	(E)	Pa	36	50	71	35	50	71
Power input	(E)	W	650	820	1150	650	820	1150
Total cooling capacity	(1)(E)	kW	17,3	19,6	22,0	15,4	17,4	19,5
Sensible cooling capacity	(1)(E)	kW	13,3	15,3	17,5	12,1	13,8	15,6
FCEER class	(E)		D			E		
Water flow	(2)	l/h	3082	3505	3979	2761	3128	3551
Water pressure drop	(2)(E)	kPa	16	20	25	17	21	26
Heating capacity	(3)(E)	kW	18,8	21,2	24,0	17,2	19,4	21,8
FCCOP class	(E)		D					
Water flow	(3)	l/h	3263	3693	4177	2986	3364	3799
Water pressure drop	(3)(E)	kPa	18	22	28	18	23	28
Standard coil - number of rows			5			4		
Total sound power level	(4)	dB(A)	70	74	79	70	74	79
Inlet + radiated sound power level	(4)(E)	dB(A)	68	72	77	68	72	77
Outlet sound power level	(4)(E)	dB(A)	67	71	76	67	71	76

(1) Water temperature 7°C/12°C, air temperature dry bulb 27°C, wet bulb 19°C (47% relative humidity) according to EN1397:2021

(2) Water temperature 7°C / 12°C, air temperature dry bulb 27°C, wet bulb 19°C (47% relative humidity)

(3) Water temperature 45°C / 40°C, air temperature 20°C

(4) Sound power measured according to standards ISO 3741 and ISO 3742

(E) EUROVENT certified data

Power supply 230-1-50 (V-ph-Hz)

## RATED TECHNICAL DATA 4 PIPES

UTN			6A			6D			8A			8D		
Speed			min	med	max	min	med	max	min	med	max	min	med	max
Rated air flow DF	(E)	m <sup>3</sup> /h	342	455	557	346	463	567	529	686	783	531	694	793
Available static pressure DF	(E)	Pa	28	50	75	28	50	75	30	50	65	29	50	65
Power input DF	(E)	W	84	122	188	84	122	188	135	185	265	135	185	265
Total cooling capacity DF	(1)(E)	kW	2,21	2,86	3,37	1,93	2,44	2,82	3,27	4,06	4,46	2,73	3,33	3,61
Sensible cooling capacity DF	(1)(E)	kW	1,62	2,11	2,50	1,46	1,86	2,15	2,43	3,06	3,38	2,09	2,57	2,80
FCEER class DF	(E)		E											
Water flow DF	(2)	l/h	381	492	580	332	420	486	563	699	768	470	573	622
Water pressure drop DF	(2)(E)	kPa	4	6	9	5	8	11	8	12	14	10	14	17
Heating capacity DF	(3)(E)	kW	2,56	2,99	3,31	2,58	3,02	3,34	3,23	3,66	3,89	3,23	3,68	3,91
FCCOP class DF	(E)		D			D			E			E		
Water flow DF	(3)	l/h	220	257	285	222	260	288	278	315	335	278	317	337
Water pressure drop DF	(3)(E)	kPa	3	4	5	3	5	5	5	6	7	5	6	7
Additional coil DF - number of rows			1			1			1			1		
Total sound power level DF	(4)	dB(A)	48	57	63	48	57	63	54	61	66	54	61	66
Inlet + radiated sound power level DF	(4)(E)	dB(A)	46	54	61	46	54	61	52	59	64	52	59	64
Outlet sound power level DF	(4)(E)	dB(A)	45	53	59	45	53	59	51	58	63	51	58	63

UTN			12A			12D			16A			16D		
Speed			min	med	max	min	med	max	min	med	max	min	med	max
Rated air flow DF	(E)	m <sup>3</sup> /h	985	1088	1182	1005	1115	1211	1184	1349	1550	1192	1362	1576
Available static pressure DF	(E)	Pa	41	50	59	41	50	59	38	50	66	38	50	67
Power input DF	(E)	W	345	385	460	345	385	460	290	380	505	290	380	505
Total cooling capacity DF	(1)(E)	kW	5,47	5,91	6,24	4,93	5,32	5,60	6,60	7,31	8,10	5,97	6,54	7,21
Sensible cooling capacity DF	(1)(E)	kW	4,06	4,40	4,66	3,60	3,89	4,08	5,17	5,77	6,46	4,79	5,31	5,94
FCEER class DF	(E)		E											
Water flow DF	(2)	l/h	942	1018	1075	849	916	964	1137	1259	1395	1028	1126	1242
Water pressure drop DF	(2)(E)	kPa	15	17	19	18	21	23	10	13	15	16	19	23
Heating capacity DF	(3)(E)	kW	5,21	5,45	5,65	5,25	5,51	5,72	6,99	7,44	7,94	7,02	7,47	7,99
FCCOP class DF	(E)		E											
Water flow DF	(3)	l/h	449	469	486	452	474	492	602	641	684	604	643	688
Water pressure drop DF	(3)(E)	kPa	10	11	12	12	13	14	20	22	25	8	9	10
Additional coil DF - number of rows			1			1			1			1		
Total sound power level DF	(4)	dB(A)	61	64	69	59	63	69	62	67	72	62	67	72
Inlet + radiated sound power level DF	(4)(E)	dB(A)	56	60	66	56	60	66	60	64	70	60	64	70
Outlet sound power level DF	(4)(E)	dB(A)	55	59	65	59	62	65	58	63	69	58	63	69

(1) Water temperature 7°C/12°C, air temperature dry bulb 27°C, wet bulb 19°C (47% relative humidity) according to EN1397:2021

(2) Water temperature 7°C / 12°C, air temperature dry bulb 27°C, wet bulb 19°C (47% relative humidity)

(3) Water temperature 65°C / 55°C, air temperature 20°C

(4) Sound power measured according to standards ISO 3741 and ISO 3742

(E) EUROVENT certified data

Power supply 230-1-50 (V-ph-Hz)

**RATED TECHNICAL DATA 4 PIPES**

UTN			22A			22D			30A			30D		
Speed			min	med	max	min	med	max	min	med	max	min	med	max
Rated air flow DF	(E)	m <sup>3</sup> /h	1423	1795	2184	1468	1871	2332	2065	2590	3154	2083	2626	3187
Available static pressure DF	(E)	Pa	31	50	74	30	50	78	32	50	74	31	50	74
Power input DF	(E)	W	370	535	750	370	535	750	870	1090	1300	870	1090	1300
Total cooling capacity DF	(1)(E)	kW	9,12	11,0	12,9	8,34	10,0	11,7	12,9	15,3	17,7	11,6	13,8	15,8
Sensible cooling capacity DF	(1)(E)	kW	6,71	8,22	9,68	6,29	7,66	9,07	9,34	11,3	13,4	8,58	10,4	12,2
FCEER class DF	(E)		E											
Water flow DF	(2)	l/h	1570	1903	2216	1436	1722	2010	2216	2633	3041	1996	2371	2728
Water pressure drop DF	(2)(E)	kPa	12	16	22	15	21	28	27	37	48	24	32	41
Heating capacity DF	(3)(E)	kW	10,6	12,3	13,9	10,9	12,6	14,4	14,8	17,0	19,2	14,9	17,2	19,3
FCCOP class DF	(E)		D			D			E			E		
Water flow DF	(3)	l/h	916	1059	1194	935	1087	1242	1273	1466	1652	1281	1478	1662
Water pressure drop DF	(3)(E)	kPa	6	8	10	6	8	10	12	16	20	13	17	21
Additional coil DF - number of rows			2			2			2			2		
Total sound power level DF	(4)	dB(A)	60	67	74	60	67	74	69	73	78	69	73	78
Inlet + radiated sound power level DF	(4)(E)	dB(A)	58	65	72	58	65	72	67	71	76	67	71	76
Outlet sound power level DF	(4)(E)	dB(A)	57	64	71	57	64	71	66	70	75	66	70	75

UTN			40A			40D		
Speed			min	med	max	min	med	max
Rated air flow DF	(E)	m <sup>3</sup> /h	3345	4002	4837	3073	3637	4321
Available static pressure DF	(E)	Pa	35	50	73	36	50	70
Power input DF	(E)	W	650	820	1150	650	820	1150
Total cooling capacity DF	(1)(E)	kW	18,6	21,2	24,2	15,2	17,2	19,2
Sensible cooling capacity DF	(1)(E)	kW	14,4	16,8	19,5	11,9	13,5	15,3
FCEER class DF	(E)		D			E		
Water flow DF	(2)	l/h	3297	3779	4347	2722	3085	3493
Water pressure drop DF	(2)(E)	kPa	16	21	26	17	23	29
Heating capacity DF	(3)(E)	kW	18,3	20,2	22,2	18,5	20,4	22,6
FCCOP class DF	(E)		D					
Water flow DF	(3)	l/h	1601	1766	1948	1620	1790	1983
Water pressure drop DF	(3)(E)	kPa	9	11	13	9	11	13
Additional coil DF - number of rows			2			2		
Total sound power level DF	(4)	dB(A)	70	74	79	70	74	79
Inlet + radiated sound power level DF	(4)(E)	dB(A)	68	72	77	68	72	77
Outlet sound power level DF	(4)(E)	dB(A)	67	71	76	67	71	76

(1) Water temperature 7°C/12°C, air temperature dry bulb 27°C, wet bulb 19°C (47% relative humidity) according to EN1397:2021

(2) Water temperature 7°C / 12°C, air temperature dry bulb 27°C, wet bulb 19°C (47% relative humidity)

(3) Water temperature 65°C / 55°C, air temperature 20°C

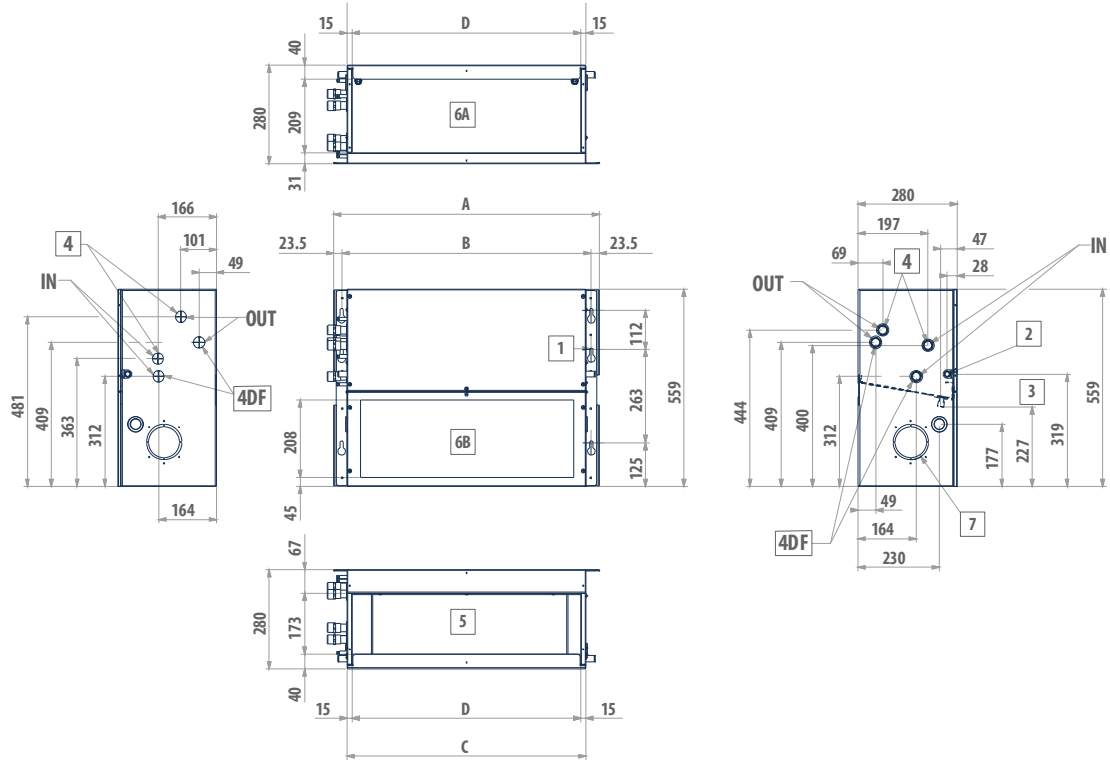
(4) Sound power measured according to standards ISO 3741 and ISO 3742

(E) EUROVENT certified data

Power supply 230-1-50 (V-ph-Hz)

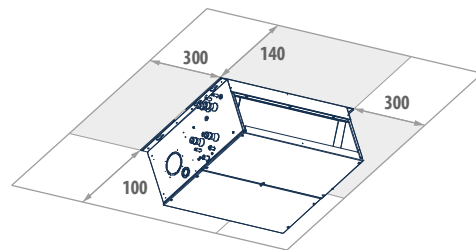
## DIMENSIONAL DRAWINGS

### UTN 06 - 16



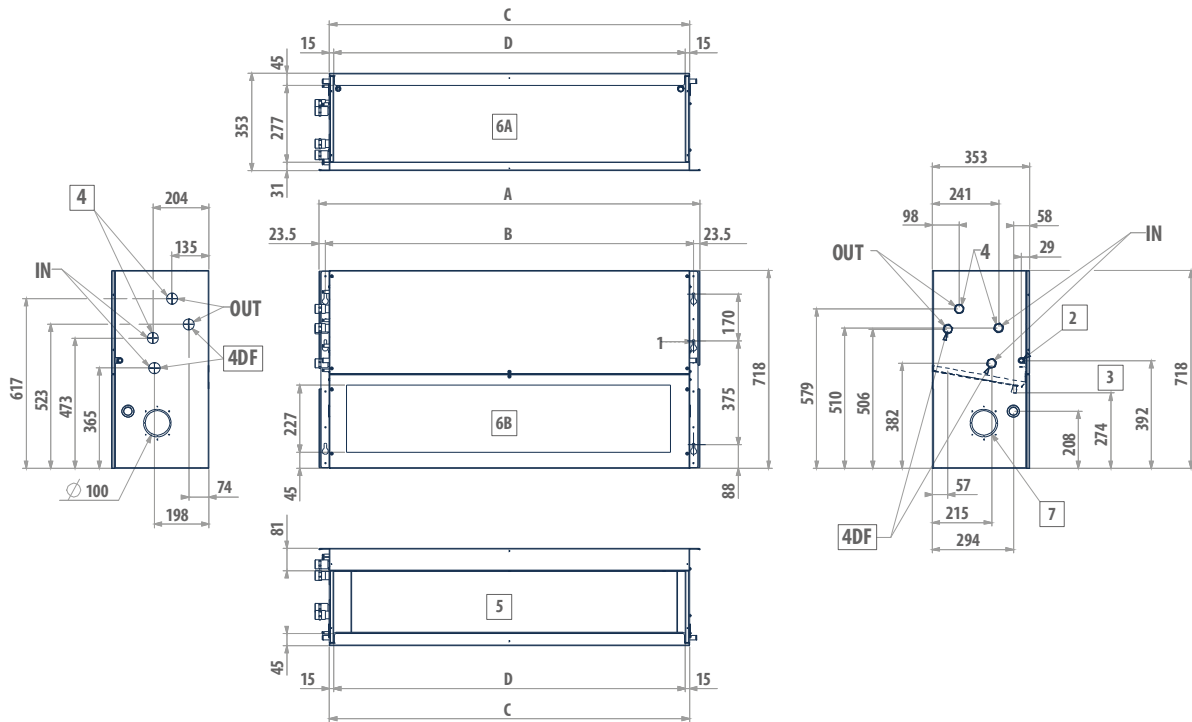
#### LEGEND

1	No. 6 quick-coupling slots
2	Condensate drainage horizontal installation
3	Condensate drainage vertical installation
4	Water connections on the right
4DF	Water connections additional heat exchanger
5	Air outlet
6	Air intake
6-A	supply condition
6-B	modifiable during installation
7	Circular pre-cut slot (Ø 100 mm) for intake of external air

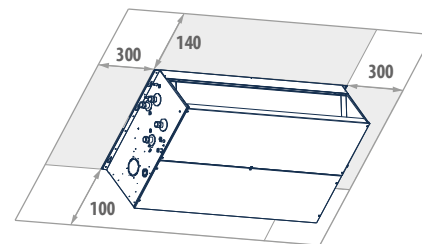


UTN	A mm	B mm	C mm	D mm	4 "	4DF "	2 mm	3 mm	kg
6D - 6A - 8D - 8A	754	707	676	646	3/4	3/4	17	17	33
12D - 12A	964	917	886	856	3/4	3/4	17	17	42
16D - 16A	1174	1127	1096	1066	3/4	3/4	17	17	49

MODELS 6 AND 6A AVAILABLE ON/OFF VERSION ONLY

**DIMENSIONAL DRAWINGS**
**UTN 22 - 40**

**LEGEND**

<b>1</b>	No. 6 quick-coupling slots
<b>2</b>	Condensate drainage horizontal installation
<b>3</b>	Condensate drainage vertical installation
<b>4</b>	Water connections on the right
<b>4DF</b>	Water connections additional heat exchanger
<b>5</b>	Air outlet
<b>6</b>	Air intake
<b>6-A</b>	supply condition
<b>6-B</b>	modifiable during installation
<b>7</b>	Circular pre-cut slot (Ø 100 mm) for intake of external air



UTN	A mm	B mm	C mm	D mm	4 "	4DF "	2 mm	3 mm	📦 kg
<b>22D - 22A</b>	1174	1127	1096	1066	1	1	17	17	67
<b>30D - 30A</b>	1384	1337	1306	1276	1	1	17	17	80
<b>40D - 40A</b>	1594	1547	1516	1486	1	1	17	17	90