

VUT 2000 PE EC



Ceiling mounted air handling units in compact heat and sound-insulated casing with electric heater

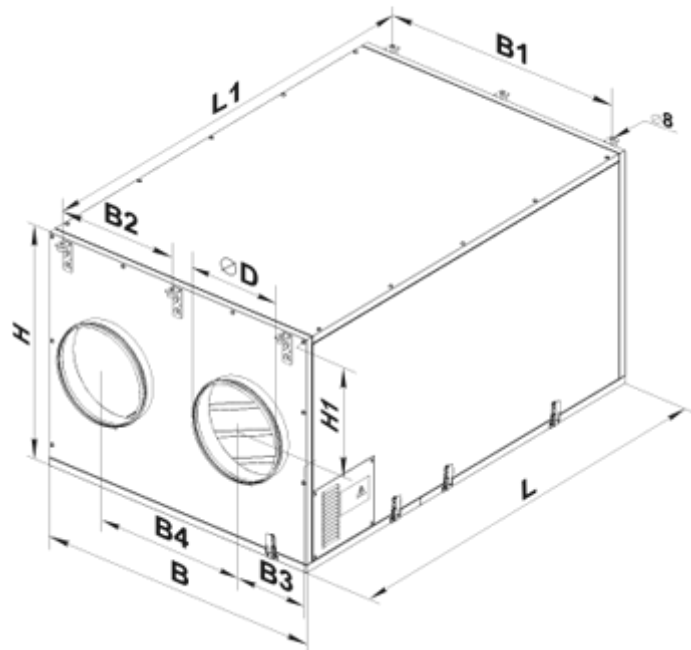
- Power of electrical reheater: 12000
- Maximum airflow: 2000
- Sound pressure level LpA at 3 m: 58
- Heat exchanger type: Cross flow
- Extract filter: G4
- Supply filter: G4
- Motor type: EC
- Reheater: Electric
- Casing material: Aluzinc

	Unit of measurement	VUT 2000 PE EC
Connected air duct size	mm	315
Speed	-	1
Phases	-	3
Minimum supply voltage	V	400
Maximum supply voltage	V	400
Power supply frequency	Hz	50/60
Rated power	W	840
Power of electrical preheater	W	0
Power of electrical reheater	W	12000
Unit current	A	22.4
Maximum airflow	m ³ /h	2000
Sound pressure level LpA at 3 m	dB(A)	58
Heat recovery efficiency, max	%	75
Heat exchanger type	-	Cross flow
Heat exchanger material	-	Aluminum
Weight	kg	190
Extract filter	-	G4
Supply filter	-	G4
Transported air temperature (max)	°C	40
Transported air temperature (min)	°C	-25
Ambient air temperature min	°C	1

Ambient air temperature max	°C	40
ErP compliance	-	2016
Unit category	-	NRVU
Type of drive installed	-	Integrated VSD
Type of heat recovery system	-	Recuperative
Thermal efficiency of heat recovery	%	67
Nominal flow rate	m ³ /s	0.337
Nominal external pressure	Pa	436
Maximum internal leakage rates	%	2.7
Maximum external leakage rates	%	2.7
Static efficiency	%	54
Visual filter warning	-	See control panel catalogue data
Effective electric power input	kW	0.935
Face velocity at design flow rate	m/s	0.991
Sound power level	dB(A)	78
Declared typology	-	NRVU BVU
Energy performance of filters	-	B

Dimensions

ØD	B	B2	B3	B4	H	H1	L	L1
314	950	405	225	500	761	367	1400	1453








Accessories



Other accessories

Name	Photo	Description
SF 708x480x48 G4		Panel filter G4



For round ducts

Name	Photo	Description
SR 315/600		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SR 315/900		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SR 315/1200		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SRF 315/600		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SRF 315/900		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems


For round ducts

Name	Photo	Description
KOM 315		Spring-loaded backdraft damper for round ducts
KRV 315		Air damper for air flow cut-off in round air ducts

Electric actuators

Name	Photo	Description
Belimo LF230		The Belimo LF series actuators are designed for controlling air dampers with cross section up to 0.8 m ² performing protection functions
Belimo TF230		The actuators are designed for controlling air dampers with cross section up to 0.4 m ² performing protection functions

Other accessories

Name	Photo	Description
C 315		The clamps are designed for quick and reliable mounting and connection of various round ventilation system components. Clamps are made of stainless and galvanized steel band