

VUT 300 E2V EC

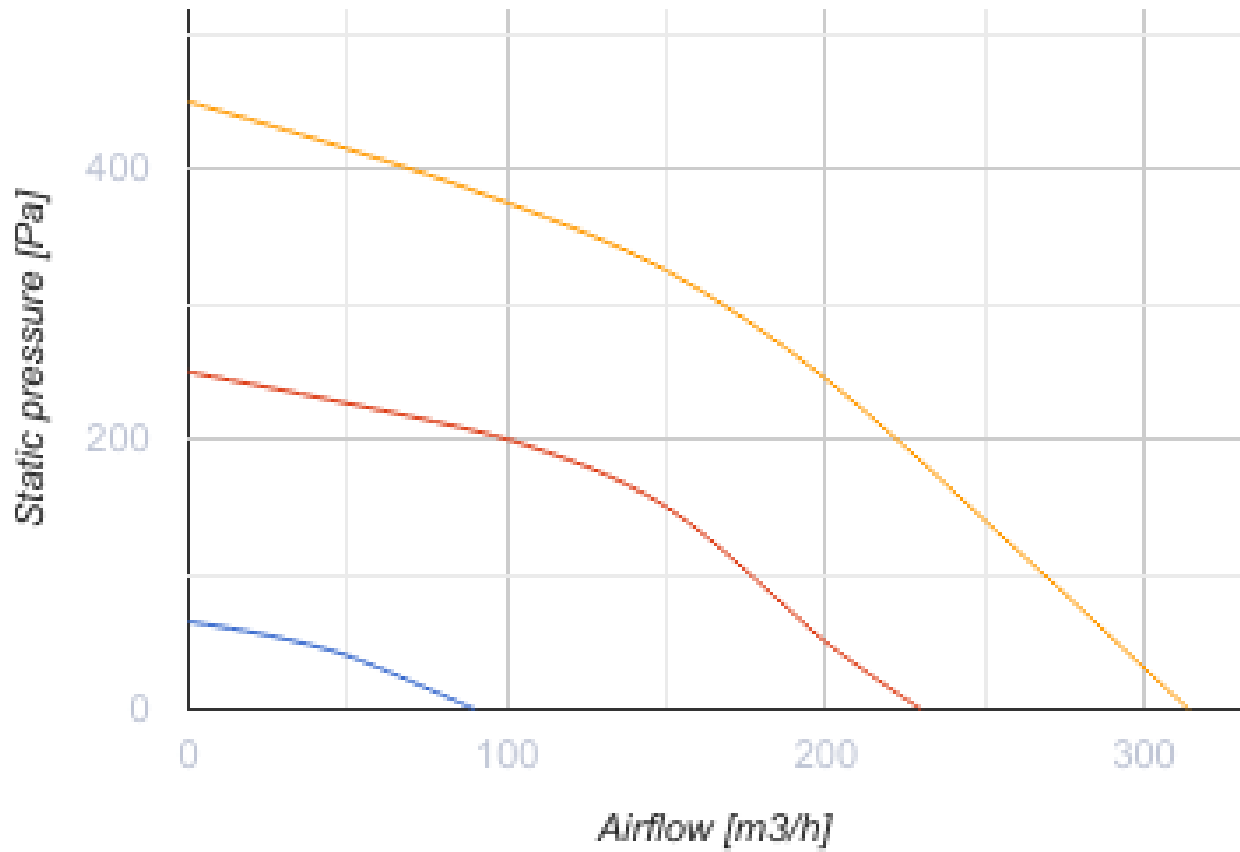


Air handling units with heat recovery for cold climate

- Power of electrical reheater: 4000
- Maximum airflow: 300
- Sound pressure level LpA at 3 m: 37
- Heat exchanger type: Counter flow
- Extract filter: G4
- Supply filter: G4 (F7 option)
- Motor type: EC
- Reheater: Electric
- Control: Remote Control
- Casing material: Aluzinc

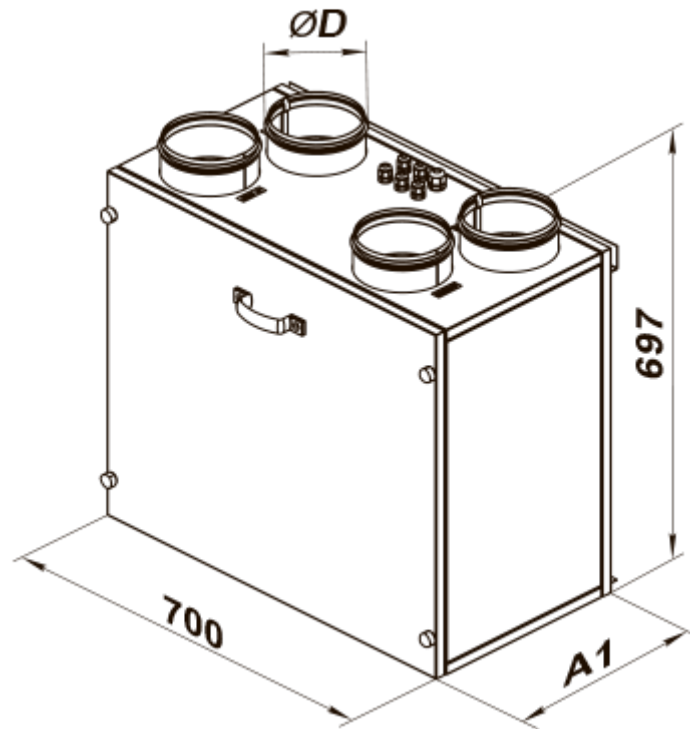
	Unit of measurement	VUT 300 E2V EC
Connected air duct size	mm	150
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50
Rated power	W	212
Power of electrical reheater	W	4000
Unit current	A	18.8
Maximum airflow	m ³ /h	300
Sound pressure level LpA at 3 m	dB(A)	37
Heat recovery efficiency, max	%	95
Heat exchanger type	-	Counter flow
Heat exchanger material	-	Polystyrene
Weight	kg	38
Extract filter	-	G4
Supply filter	-	G4 (F7 option)
Transported air temperature (max)	°C	60
Transported air temperature (min)	°C	-39
Ambient air temperature min	°C	1
Ambient air temperature max	°C	40
Ambient air humidity max	%	80

Ingress protection rating	-	IP22
Ingress protection rating of the drive	-	IP44









Dimensions

ØD	A1
150	373





Accessories

For round ducts



Name	Photo	Description
SR 150/600		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SR 150/900		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SR 150/1200		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SRF 150/600		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SRF 150/900		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SRF 150/2000		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems

For round ducts





Name	Photo	Description
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KOM 150		Spring-loaded backdraft damper for round ducts
KOMu 150		Spring-loaded backdraft damper for round ducts


Sensors

Name	Photo	Description
CO2-1		CO2 sensors
CO2-2		CO2 sensors

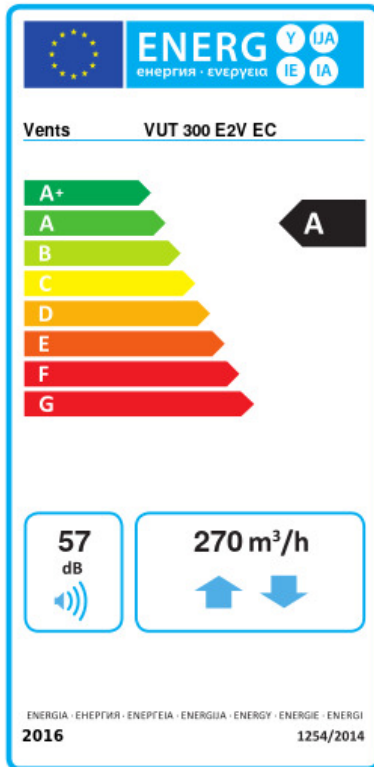
Electric actuators

Name	Photo	Description
Belimo LF24		The Belimo LF series actuators are designed for controlling air dampers with cross section up to 0.8 m ² performing protection functions
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 TF24		The actuators are designed for controlling air dampers with cross section up to 0.4 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

Fittings

Name	Photo	Description
C 150		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

Ecodesign



Trademark	Vents					
Model	VUT 300 E2V EC					
Specific energy consumption (SEC) (kWh/(m ² /a))	Cold		Average		Warm	
	-78.6	A+	-39.3	A	-14.1	E
Type of ventilation unit	Bidirectional					
Type of drive installed	Variable speed					
Type of heat recovery system	Recuperative					
Thermal efficiency of heat recovery (%)	89					
Maximum flow rate (m ³ /h)	270					
Electric power input (W)	205					
Reference flow rate (m ³ /s)	0.053					
Reference pressure difference (Pa)	50					
Specific power input (SPI) (W/(m ³ /h))	0.529					
Control typology	Local demand control					
Maximum internal leakage rates (%)	2.7					
Maximum external leakage rates (%)	2.7					
Declared typology	RVU BVU					
Sound power level (dB(A))	57					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	862		325		280	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	9141		4673		2113	