

# VUT 300 E2V EC

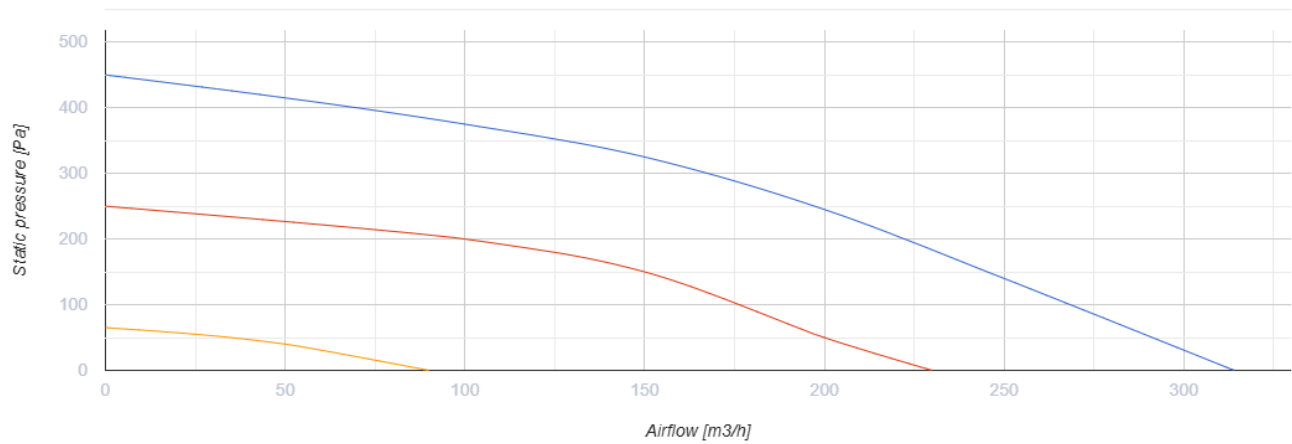


Air handling units with heat recovery for cold climate

- 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 опція)
- Motor type: EC
- Reheater: Electric
- Control: Remote Control
- Casing material: Aluzinc

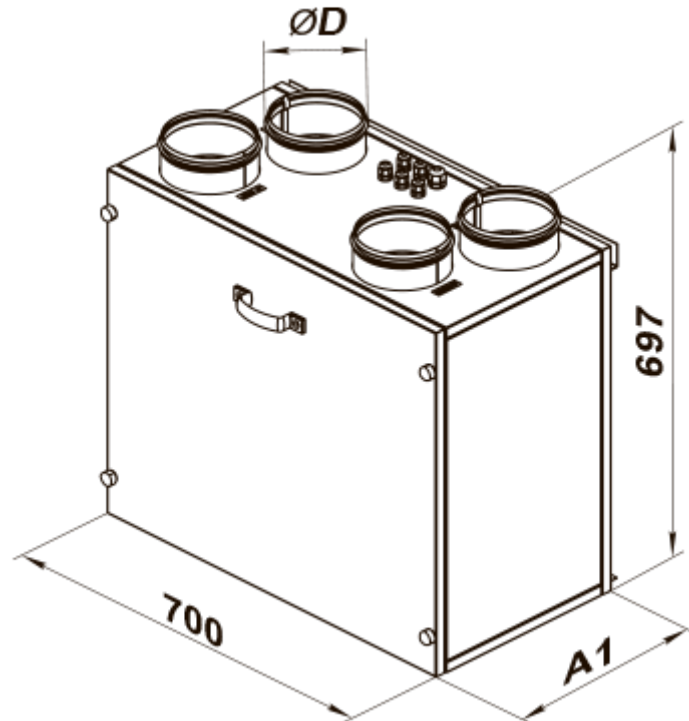
	Unit of measurement	VUT 300 E2V EC
Connected air duct size	mm	150
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50
Rated power	W	212
Power of electrical reheater	W	4000
Unit current	A	18.8
Maximum airflow	m <sup>3</sup> /h	300
Sound pressure level LpA 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 опція)
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
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<a href="#">SR 150/600</a>		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
<a href="#">SR 150/900</a>		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
<a href="#">SR 150/1200</a>		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
<a href="#">SRF 150/600</a>		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
<a href="#">SRF 150/900</a>		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
<a href="#">SRF 150/2000</a>		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems



#### For round ducts



Name	Photo	Description
<a href="#">KOM 150</a>		Spring-loaded backdraft damper for round ducts
<a href="#">KOMu 150</a>		Spring-loaded backdraft damper for round ducts

#### Sensors


Name	Photo	Description
<a href="#">CO2-1</a>		CO2 sensors
<a href="#">CO2-2</a>		CO2 sensors

#### Electric actuators

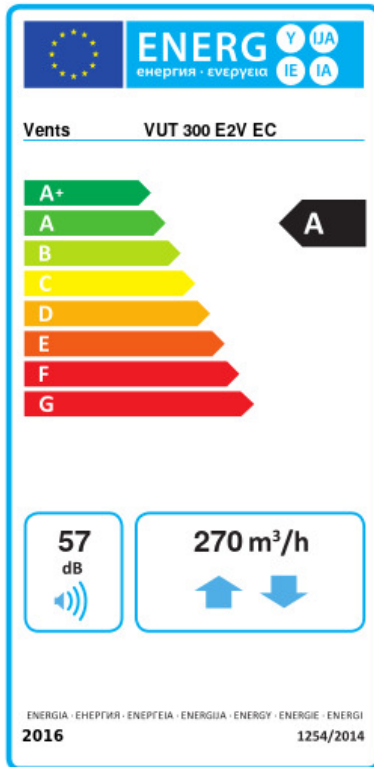
Name	Photo	Description
<a href="#">Belimo LF24</a>		The Belimo LF series actuators are designed for controlling air dampers with cross section up to 0.8 m <sup>2</sup> performing protection functions
<a href="#">Belimo LF230</a>		The Belimo LF series actuators are designed for controlling air dampers with cross section up to 0.8 m <sup>2</sup> performing protection functions

<a href="#">Belimo TF24</a>		The actuators are designed for controlling air dampers with cross section up to 0.4 m <sup>2</sup> performing protection functions
<a href="#">Belimo TF230</a>		The actuators are designed for controlling air dampers with cross section up to 0.4 m <sup>2</sup> performing protection functions

### Fittings

Name	Photo	Description
<a href="#">C 150</a>		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 <sup>2</sup> /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 <sup>3</sup> /h)	270					
Electric power input (W)	205					
Reference flow rate (m <sup>3</sup> /s)	0.053					
Reference pressure difference (Pa)	50					
Specific power input (SPI) (W/(m <sup>3</sup> /h))	0.529					
Control typology	Local demand control					
Maximum internal leakage rates (%)	2.7					
Maximum external leakage rates (%)	2.7					
Sound power level (dB(A))	57					
Declared typology	RVU BVU					
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	