

Series
VENTS VUT(E) 100 P mini



A3 speed switch

Air handling units with heat recovery in the compact sound- and heat-insulated casing. Air flow up to **100 m³/h**. Heat recovery efficiency from 64 up to 76 %.

■ **Description**

Compact ventilation unit VUE 100 P mini is a simple and effective energy-saving solution ventilation of apartments, cottages, single-family houses. The unit is a fully-featured ventilation unit that provides air cleaning, fresh air supply to the premise and removal of extract air from the premise. Built-in heat exchanger prevents heat losses and saves operating costs for heating in winter and air conditioning in summer.

■ **Casing**

The casing is made of corrosion-resistant aluzink and sound-insulated with 15 mm cellular polyethylene layer. For easy mounting the casing is fitted with mounting brackets. The unit is equipped with two backdraft dampers, one in the supply and the other in the exhaust air duct.

■ **Filter**

Supply and extract air flows are purified through two filters with filtering class G4.

■ **Fans**

The **VUT 100 P mini** is equipped with reliable supply and exhaust fans with forward curved blades that are powered by motors with low energy demand.

■ **Heat exchanger**

The unit is equipped with a high-efficient cross-flow plastic heat exchanger and a drain pan for condensate drainage. The **VUE 100 P mini** is equipped with an enthalpy cross-flow heat exchanger.

■ **Control**

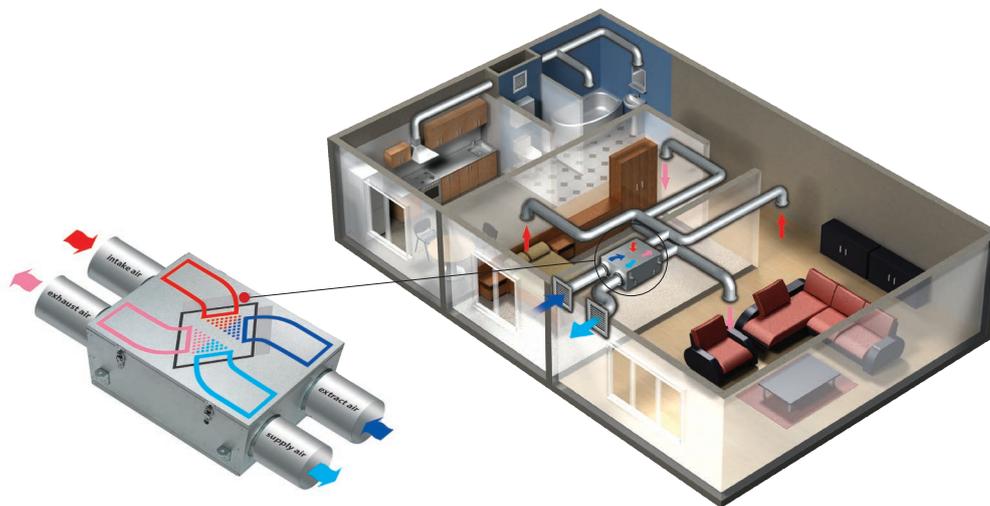
Air flow (speed) is regulated with A3 (P3-1-300) speed switch.

■ **Heat exchanger protection**

For frost protection at low temperatures the unit is equipped with a thermostat inside the casing that switches the supply fan off in case of freezing danger to let extract air warm up the heat exchanger.

■ **Mounting**

Due to the compact casing height the unit is designed for horizontal indoor installation behind suspended ceilings and connection to Ø 125 mm round air ducts.



Accessories for air handling units

Model	G4 panel filter	Summer blocks	Silencers		Back valves	Air dampers
VUT 100 P mini						
VUE 100 P mini	SF 200x190x18 G4	SB C4 200/190	SR 125 600/900/1200	SRF 125 600/900/1200	KOM 125	KR 125

Designation key

Series	Rated air flow [m ³ /h]	Mounting type	Type
VUT: ventilation with heat recovery VUE: ventilation with energy recovery	100	P: suspended	mini

Technical data

	VUT 100 P mini			VUE 100 P mini		
Speed	min.	med.	max.	min.	med.	max.
Voltage [V/Hz]	1~230/50			1~230/50		
Unit power [W]	30	38	56	30	38	56
Unit current [A]	0.18	0.23	0.34	0.18	0.23	0.34
Air flow [m³/h]	55	74	100	55	74	100
Noise level at 3m [dBA]	24	32	41	24	32	41
Transported air temperature [°C]	-25...+40					
Casing material	aluzinc					
Insulation	15 mm cellular polyethylene					
Filter: extract /supply	G4/G4					
Connected air duct diameter [mm]	Ø 125					
Weight [kg]	13			10		
Heat recovery efficiency	from 65 up to 76 %			from 64 up to 72 %		
Heat exchanger type	plastic			cross-flow		
Heat exchanger material	plastic			enthalpy		

