RUCK ROTO k...V serie

Up to 6100 m³/h with rotary heat exchanger

Features

- Volume-constant EC fans
- For indoor and outdoor installation
- ROTO compact heat recovery unit
- Operating limit -20°C to +40°C

Product description

The ROTO K...V air handling unit is a heat recovery unit with heat exchanger. The efficiency of the rotary heat exchanger in the ROTO K...V series is above 80%. In addition, the air handling unit recovers up to 60% of the humidity in a room. In addition, in the winter an indoor air that is too dry is prevented and a healthy indoor climate is created. The ROTO K...V air handling units are standard equipped with hot water heater and optionally with water or DX-cooler. The ROTO-V has a vertical discharge direction.

Energy efficiency

The highly efficient EC fans achieve an overall efficiency of over 60% and are therefore well above the IE4 efficiency class.

High quality construction

The air handling unit with heat wheel is made of corrosion-resistant aluminium and is resistant to ice buildup. The frameless two-shell housing is made of highquality galvanised sheet steel. Insulation panels with a thickness of 50 mm are located between the two shells. The unit is fitted with a frame underneath.





Operation

All air handling units are equipped as standard with microprocessor control, wiring and are tested at the Ruck factory. The ROTO K...V series is also supplied with sensors and actuators. This ensures easy Plug-n-play mounting. All cabinets in the ROTO K...V series have a constant volume. Desired air volumes can be controlled via the control unit. In addition, automatic mass flow correction is integrated in the control unit. The air handling unit can be expanded with further control options such as CO2 and humidity control. An integrated Modbus RTU interface ensures flexible application possibilities.



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Application

The ROTO air handling units are very suitable for ventilating offices, public areas and meeting rooms, for example.

Hygiene

The ROTO K...V series contains M5 and F7 filters and ensures hygienic filtration of the exhaust air and outside air. In addition, there is a condensate tray on the inlet and outlet side. Cleaning of the air handling unit is very easy due to the smooth inner surface of the unit. In addition, cables are easily accessible because they are located outside the air flow.

ERP 2018 and 5-year warranty

Ruck has been a leading A-brand with products of the highest quality for over 25 years. Econox is premium distributor of Ruck fans and air handling units and therefore only Econox gives you a 5-year warranty on all Ruck products. All products comply with the ERP 2018 regulations.











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Artikelnr.	Product		Volt	M ³ /h	Watt	Kg	Price
65142270	ROTO K 1050 V WOJL	А	400	1460	356	152	€ 8.400,00
65140189	ROTO K 1700 V WOJL	В	400	2690	3356	152	€ 9.700,00
65139033	ROTO K 2800 V WOJL	С	400	3760	593	244	€ 11.300,00
65141532	ROTO K 4200 V WOJL	D	400	6100	6593	230	€ 14.300,00





- Heating coil water
- Cooling coil water
- Standard servo motor
- Electric cooler
- Panel air filter







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