

# SIKU RV 30 DW Pro Duo WiFi V2

## Decentralised living space ventilation with heat recovery



Deutsches  
Institut  
für  
Bautechnik

DIBt

Efficient energy-saving supply and exhaust single-room ventilation in flats, houses, cottages, social and commercial premises. Reducing heat losses caused by ventilation due to heat recovery.

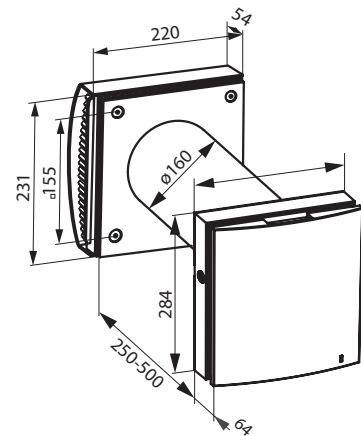
### PRODUCT DESCRIPTION

- can operate as independent unit, or can be connected with other units in a house to be controlled with a master unit
- Reducing heat losses caused by ventilation due to heat recovery
- Humidity balance and regulated air exchange create individually controlled microclimate
- easy mounting and servicing
- including overheating protection
- integrated automatic air shutters prevent air back drafting
- Equipped with a humidity sensor for indoor humidity control
- the SIKU CO2-1 Sensor can be connected
- compatible with Ø 160 mm
- incl. weekly schedule
- Wi-Fi communication between several single-room ventilation units for coordinated operation and controlled by Android or iOS smartphone or tablet
- Filter grade: G3
- maximum temperature of transported air from -30°C to +50°C

### Technical Data

Spedd	1	2	3
Voltage (50/60 Hz)	240 V		
Power Consumption	2,17 W	3,66 W	6,62 W
Current	0,026 A	0,039 A	0,066 A
Number of revolutions	1600 min <sup>-1</sup>	2200 min <sup>-1</sup>	2500 min <sup>-1</sup>
Air flow in ventilation mode	10 m <sup>3</sup> /h	20 m <sup>3</sup> /h	30 m <sup>3</sup> /h
Air flow in heat recovery mode	10 m <sup>3</sup> /h	20 m <sup>3</sup> /h	30 m <sup>3</sup> /h
Sound pressure level at 3m	24 dBA	31 dBA	34 dBA
Outer sound pressure attenuation	42 dBA		
Heat recovery efficiency	85 %	80 %	75 %
Filter grade	G3		
IP	IP24		

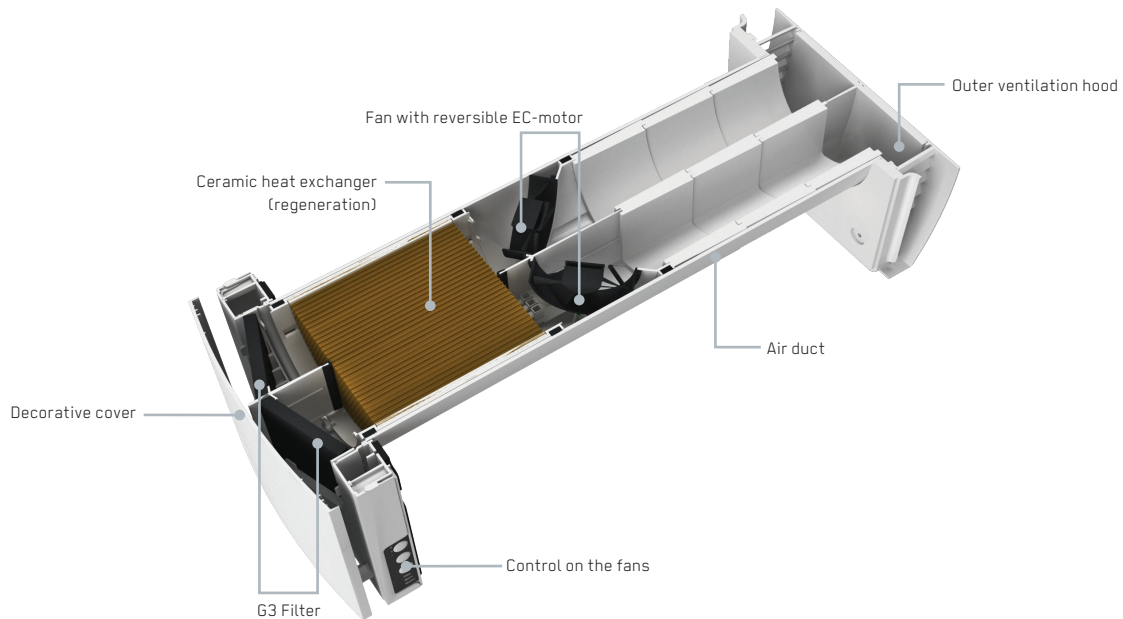
### Dimensions (mm)



### Heat and moisture regeneration

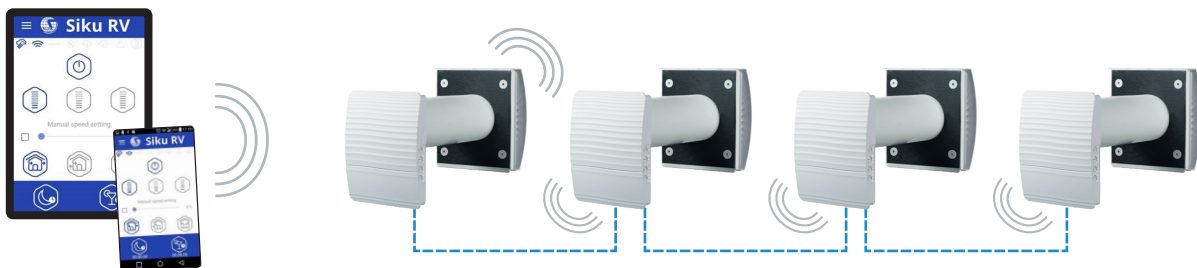
- Warm stale air is extracted from the premise, flows through the ceramic regenerator and transfers its heat energy and moisture to it.
- As the ceramic regenerator gets warmed up, the unit switches to the supply mode.
- Clean cold intake air flows through the regenerator and absorbs accumulated heat and humidity.
- When the ceramic regenerator is cooled down, the unit switches to the extract air mode.

## Design



## Control

The built-in WLAN technology ensures wireless data transmission between the ventilation systems and a control unit with the Operating systems Android or iOS.



For synchronous operation, the ventilation systems can be connected via WLAN.

Other WLAN-enabled SIKU RV Pro WiFi series products can be easily connected to Wi-Fi.

The SIKU RV app for the Android and iOS operating systems are available free of charge from the Google Play Store and the App Store.



Available models		Packaging unit
SIKU RV 30 DW Pro Duo WiFi V2	(Item no. 50524)	2 Pcs
Accessories		Packaging unit
Filter G3 for SIKU RV30DW (1-Set = 2 Pcs)	(Item no. 50445)	50 Pcs
Remote control for SIKU RV	(Item no. 50447)	1 Pcs
SIKU CO2-1 Sensor (with LED indication and On/Off button)	(Item no. 50529)	4 Pcs
TFC902012 Twin Fresh Cleaner Pro	(Item no. 50511)	6 Pcs
SIKU Styropor Air duct for RV 30 DW (for extension)	(Item no. 50471)	1 Pcs
SIKU Angular mounting kit 160 white	(Item no. 50514)	3 Pcs
SIKU Angular mounting kit 160 chrome	(Item no. 50515)	3 Pcs

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