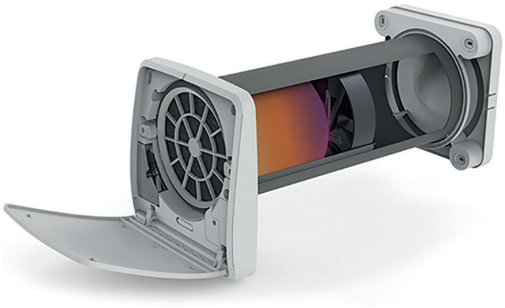
WHR 62 PLUS

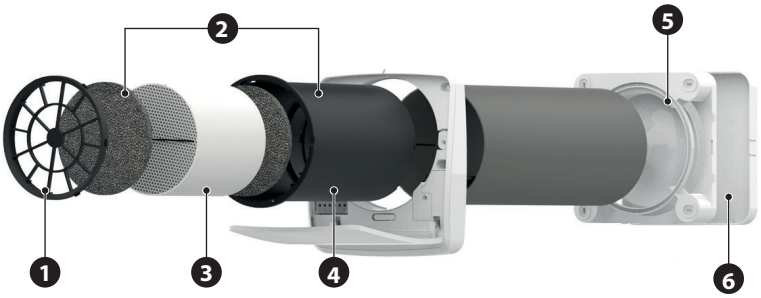
TECHNICAL SHEET



Description	Weight	Code
WHR 62 Plus	5 kg	7045227

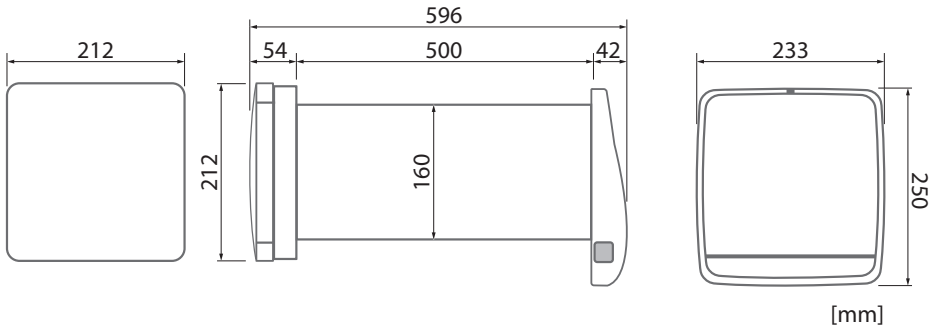
- Fan motor positioned after the exchanger, inside the wall, to make the product highly silent
- High-efficiency heat exchanger (up to 93%) made of ceramic material
- Built with durable, high-quality and aesthetically pleasing materials
- Front cover made of ABS
- Equipped with a tilting front cover to prevent unwanted air re-entry when the product is off
- External ABS grille designed to minimize noise from outside
- Standard tube length 500 mm
- DC motor fan on ball bearings with low power consumption and long service life
- Easy maintenance and cleaning
- Dual washable and easily accessible dust filters for maintenance
- IPX4 degree of protection
- LED visual indicators for command reception and filter cleaning
- Humidity sensor and twilight sensor
- Last set function is stored and automatically restored in case of power failure
- Caps for closing the pipes during set-up included in the package
- No need for condensate drainage
- Operating temperature: -30 °C +50 °C

COMPONENTS



Ref.	Description
1	Grid
2	Filters
3	Ceramic heat exchanger
4	Motor
5	Sound attenuator
6	External cover

DIMENSIONS AND TECHNICAL CHARACTERISTICS



[mm]

Technical Data								
Ø Hole	Voltage	Frequency	Air flow rate "IN"	Air flow rate "OUT"	Pressure	Pressure	Power	Noise
[mm]	[Volt]	[Hz]	[m³/h]	[m³/h]	[mm H_2O]	[Pa]	[W]	[dB(A)$_{3m}$]
160	220-240	50	60	60	5,5	54	6,7	30

Flow rate and power values												
NIGHT Speed			Speed 1			Speed 2			Speed 3			
Air flow rate	Power	Noise	Air flow rate	Power	Noise	Air flow rate	Power	Noise	Air flow rate	Power	Noise	
m³/h	W	[dB(A)$_{3m}$]	m³/h	W	[dB(A)$_{3m}$]	m³/h	W	[dB(A)$_{3m}$]	m³/h	W	[dB(A)$_{3m}$]	
10	3,9	4	20	4,2	9	40	5,5	21	60	6,7	30	

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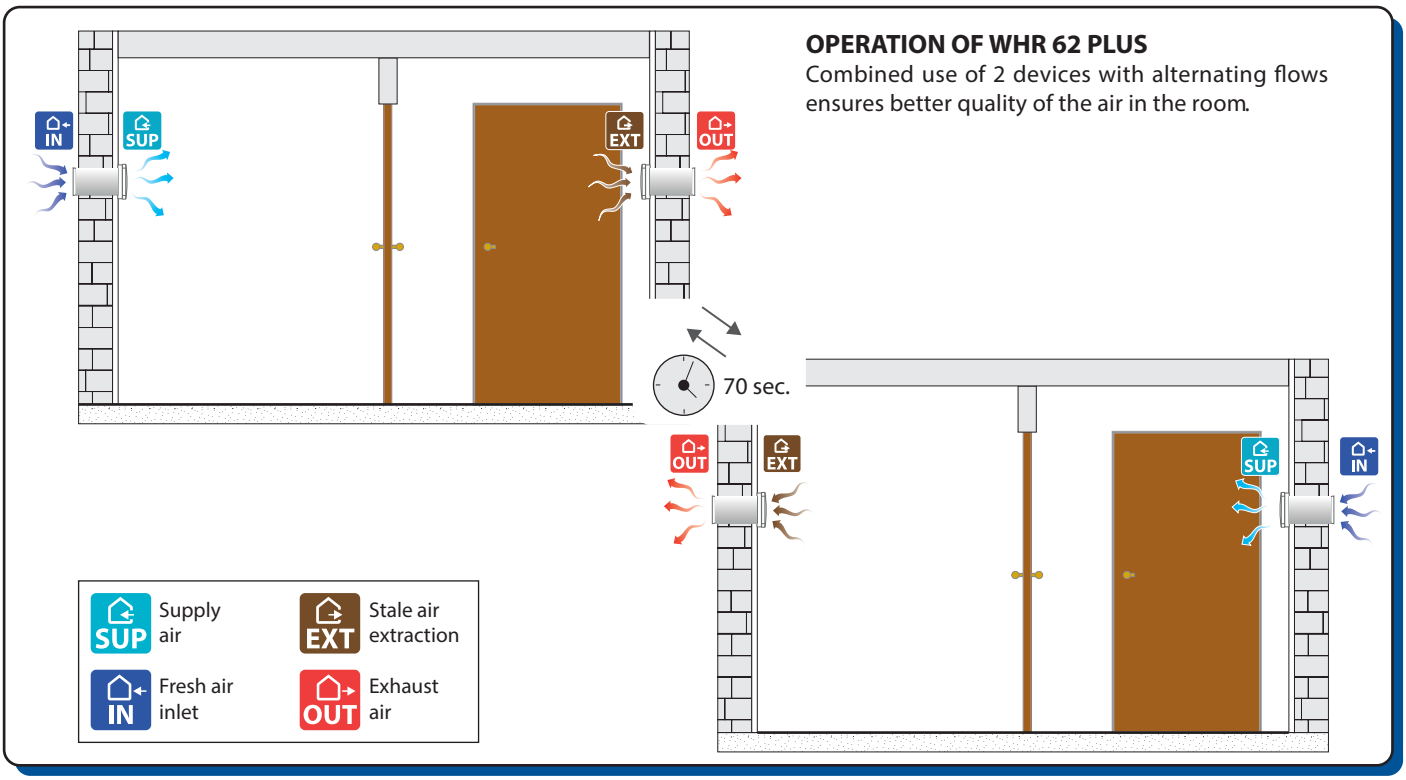
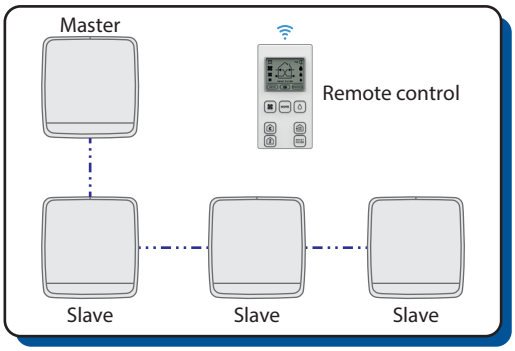
OPERATION



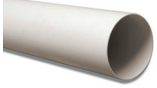
OPERATION OF WHR 62 PLUS
Combined use of 2 devices with alternating flows ensures better quality of the air in the room.

ADDITIONAL CHARACTERISTICS



The WHR 62 Plus is also equipped with:
- Wired communication between units;
- Remote control with display (accessory purchased separately, see COMPLEMENTS table below);
- Built-in humidity sensor and twilight sensor, enabling various automatic operation modes (see remote control);
- Ability to manage up to 16 units within a master/slave system, with simple configuration via dip/switches;
- 3 settable speeds, plus Night function.

COMPLEMENTS

Article	Description		Code
	**REMOTE CONTROL** Equipped with display for remote control. It enables the control of one or more WHR 62 Plus devices connected in series.	**Functionality:** • Automatic • Manual • Extraction only • Timed Extraction • Input only • Night	7045226
	**PIPE Ø 160 MM** PVC pipe for WHR 62 Plus required if the length of the standard supplied pipe is insufficient. Measurements: Ø 160x700 mm		7045208
	**FILTER KIT FOR WHR 62 PLUS** 4 inlet/outlet ISO Coarse 50% filters, Ø 160 mm.		7044101

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PRODUCT FICHE

Delegated Regulation (EU) 1254/2014

Supplier name or trademark	**RDZ S.p.A.**
Model identifier	**WHR 62 Plus**
Specific energy consumption (cold zone)	**-41,0 kWh/(m² x a)**
Specific energy consumption class (average zone)	**A**
Specific energy consumption (average zone)	**-83,4 kWh/(m² x a)**
Specific energy consumption (warm zone)	**-16,6 kWh/(m² x a)**
Typology	**Bidirectional Ventilation Unit (BVU)**
Type of drive	**Variable speed drive**
Type of heat recovery system	**Regenerative**
Thermal efficiency of heat recovery	**80,4 %**
Maximum flow rate	**60 m³/h**
Electric power input of the fan drive	**12,8 W**
Sound power level	**44 dB**
Reference flow rate	**0,011 m³/s**
Reference pressure difference	**0 Pa**
Specific Power Input	**0,24 W/(m³/h)**
Control factor	**0,65**
Control typology	**Local demand control - 0,65**
Maximum internal leakage rates	**- %**
Maximum external leakage rates	**- %**
Carry over	**0,0 %**
Position of visual filter warning	**See Instruction Manual**
Description of visual filter warning	**See Instruction Manual**
Pre-/dis-assembly instructions URL	**www.rdz.it**
Airflow sensitivity to pressure variations at +20 Pa and -20 Pa	**6,0 %**
Indoor/Outdoor air tightness	**0,6 m³/h**
Annual Electricity Consumption	**1,4 kWh electricity/annum**
Annual Heating Saved at cold climate	**44,5 kWh primary energy/annum**
Annual Heating Saved at average climate	**87,1 kWh primary energy/annum**
Annual Heating Saved at warm climate	**20,1 kWh primary energy/annum**