

DEFRO
pure warmth



MECHANICAL VENTILATION

**PURE
WARMTH**

Traditions of our family company date back to 1973. We can proudly say that for almost half a century of business activities we have developed a reliable position as the Polish leader and one of the biggest manufacturers of heating equipment in Europe. DEFRO brand means reliability and experience in the production of central heating boilers and operation with steel components. It is also the force of tradition, family values and more than 800-person crew that is the heart of our company. Almost 45 thousand devices leave the production plant every year. Our customers get modern and reliable equipment. Over recent years the plant has specialized also in the production of the steel pressure vessels and recuperative heat exchangers for mechanical ventilation.



HOW DOES THE HEAT RECOVERY WORK?



Fresh air in the house is not only healthy but and refreshing atmosphere. It gives also more life energy! Heat recovery systems are a convenient way to maintain a refreshing and moody atmosphere enjoying the fresh and clean air.

Many of us like to ventilate rooms during the winter and feel the comfortable breath of cold during the hot summer. At the same time, none of us like to let the dirty air during winter and insects during the summer into the room. On the other hand, the professionals emphasize how important is the continuous circulation of the air. We are less often ill thanks to the inflow of fresh air. Unfortunately, conventional ventilation systems are not operating efficiently in many buildings. Then, the ideal reliable air handling unit will be a great solution. Such equipment not only ensures good air exchange but also recovers heat. The air handling unit is a modern way to ensure a continuous supply of fresh air in the building. Additionally, heat recovery improves the comfort of people staying in closed rooms, taking care of their health because it prevents the formation of mold and mildew.

How does the air handling unit work?

To describe the principle of operation in the simplest and pictorially way it is worth paying attention that during the winter period while ventilating the rooms, we let the warmed air out and introduce fresh, cold air that we must heat up. The heat recovery ensures more control over the ventilation in the building and thanks to such equipment it is more energy-saving and efficient. The air handling unit allows heating of the air supplies to the rooms without the use of additional energy. The principle of its operation is based on the recovery of heat from the ventilation what means that it heats the air supplied to the house using the heat of the exhaust air.



Mechanical ventilation with heat recovery is a modern and effective way to ensure comfort and hygiene in closed rooms. Heat recovery allows us to enjoy fresh and clean air; always.

Mechanical ventilation is a solution created especially for you!

HEAT RECOVERY - WHAT TO CHOOSE?

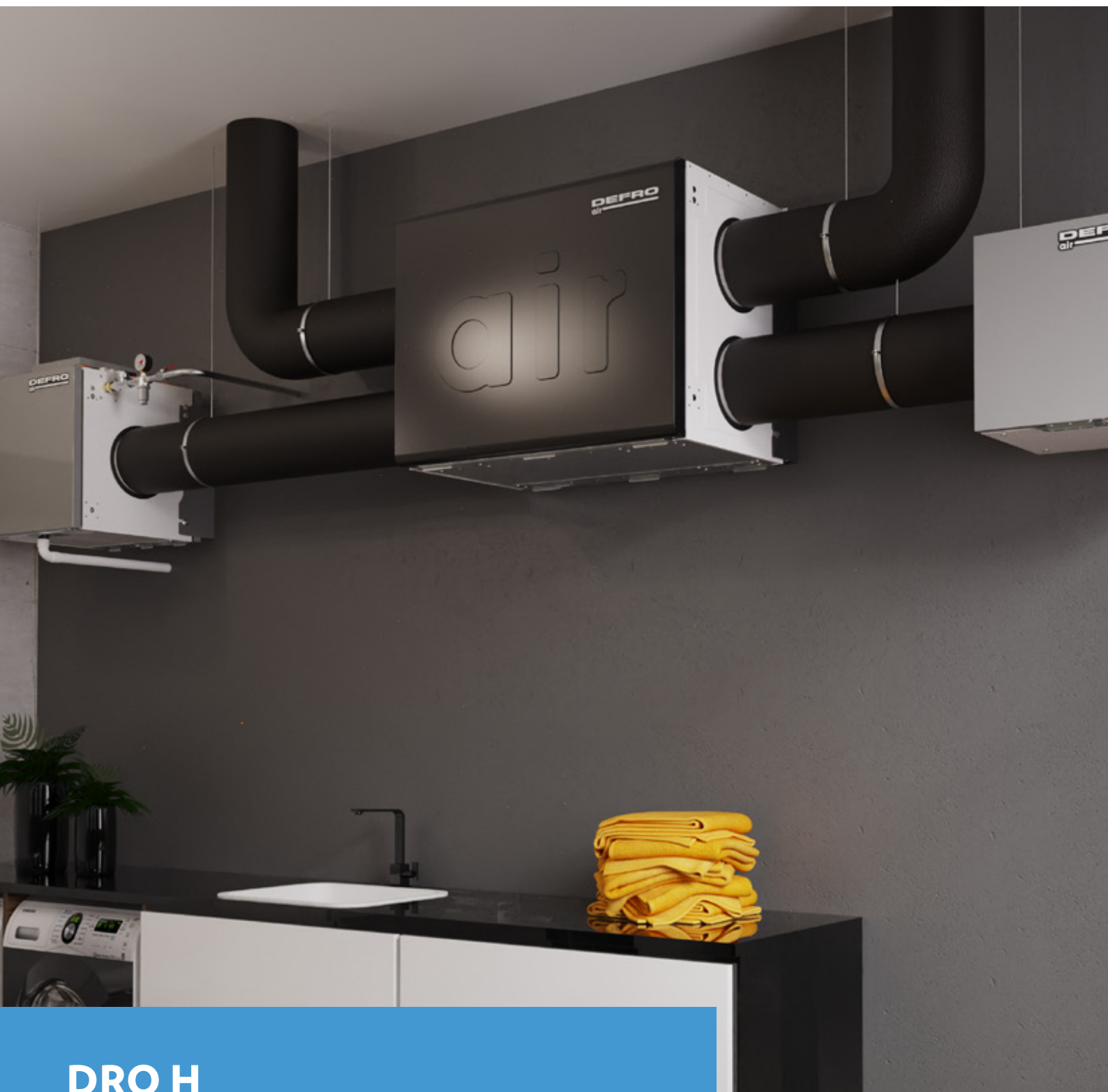
It is required to decide whether we want to install the full system or we would like to use the distributed HVAC system before the purchase of the air handling unit. In the first case, the system will be the most efficient and the best adapted, while the individual equipment, such as e.g. wall-mount recuperative heat exchanger, will be used only for ventilation of the room where they are installed. It is also important to pay attention to the energy recovery ventilator that, apart from the heat recovery, ensures also recovery of moisture.

When choosing the air handling unit, you should consider the type of equipment, its power adapted to the floor space and the number of people staying inside the rooms. It may happen that an incorrectly selected heat recovery system will not fulfill its function which will result that the rooms will be stuffy. During the selection of the air handling unit, you should consider its capacity and classification according to the energy-efficiency rating. The range is large, from A+ to G. Among the significant differences between the air handling units is also the value of noise emission, which is bothersome noise during operation.

During the purchase of the air handling unit, it is also important to consider the heat exchanger and heat recovery unit and whether the airflow is automatically balanced. From among the less technical issues, it is also important whether the filters used in the device are easily accessible from the manufacturer and whether their replacement requires professionals. If you want to be sure that the equipment has been chosen correctly and the spare parts are always available it is worth interest in the DEFRO heat recovery units. DEFRO AIR air handling units distinguish from the FLOW BALANCING system. This system has a crucial meaning for the reduction of heating costs and the airflow process is balanced automatically.

DEFRO AIR heat recovery is the comfort and safety that you deserve.





DRO H

DRO H air handling unit is presented on the product visualization.



Product specification:

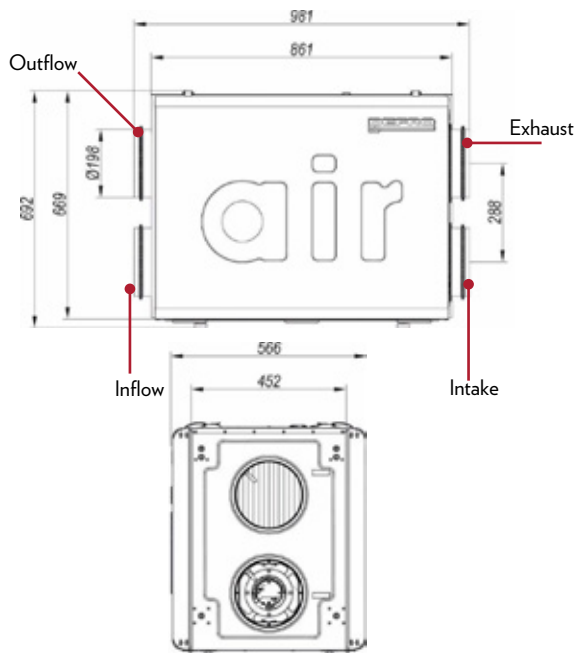
- capacity up to 350 m³/h, 450 m³/h, 550 m³/h (200 Pa),
- rotary heat exchanger,
- modulated preheater,
- summer mode,
- filters standard M-5 e PM10.

The unit is made of high-grade steel with connectors dn 200mm in horizontal (H) version.

The unit is equipped with a 4.3" control touch panel as a standard and can be additionally upgraded with a mobile control.

The unit can be mounted on the wall, suspended or placed on a base.

Dimensions and construction



Technical data

Model	DRO 350 H	DRO 450 H	DRO 550 H
Air consumption	350 m ³ /h	450 m ³ /h	550 m ³ /h
Energy efficiency class	A		
Compression ratio	0 - 200 Pa		
Heater power	1500 W		
Rated supply voltage	230 V		
Rated supply frequency	50 Hz		
Fuse type	WTA 5X20 250V F-10A		
Sound power level	41 dB	45 dB	47 dB
Class of filters used	M-5 e PM10		
Heat exchanger	rotary		
Degree of protection	IP 40		
Equipment insulation class	I		
Range of operating temperature	5 - 45°C		
Diameter of ventilation ducts	200 mm		
Legs adjustment range	12 - 38 mm		
Assembly method	on stand, wall mounting		
Weight	69 kg		

Additional equipment

Indeks	Versions of equipment/additional equipment
REKU-DRO-350-H	Air handling unit DRO 350 H with a capacity of 350 m ³ /h with a set of wall mounts, touch display 4,3"
REKU-DRO-450-H	Air handling unit DRO 450 H with a capacity of 450 m ³ /h with a set of wall mounts, touch display 4,3"
REKU-DRO-550-H	Air handling unit DRO 550 H with a capacity of 550 m ³ /h with a set of wall mounts, touch display 4,3"
ST505LAN	ST-505 (LAN) internet communication module
WIFIRSINT	WiFi RS internet communication module
CZHR	Temperature and humidity sensor
CZCO2	CO ₂ sensor with wired power supply for the DRX series
FKPM5H	Filter M-5 445 x 231 x 48
FKWM5H	Carbon filter M-5 445 x 231 x 48
FKPF7H	Filter F-7 445 x 231 x 48

Advantages



touch display



humidity sensors up to 6 pieces (option)



reversible unit



CO₂ sensor (option)



Flow Balancing



humidity recovery



mobile control (option)



modulated preheater



rotary heat exchanger



energy-saving EC fans



heat recovery up to 86%



possibility of obtaining the subsidy



DRO V

DRO V air handling unit is presented on the product visualization.



Product specification:

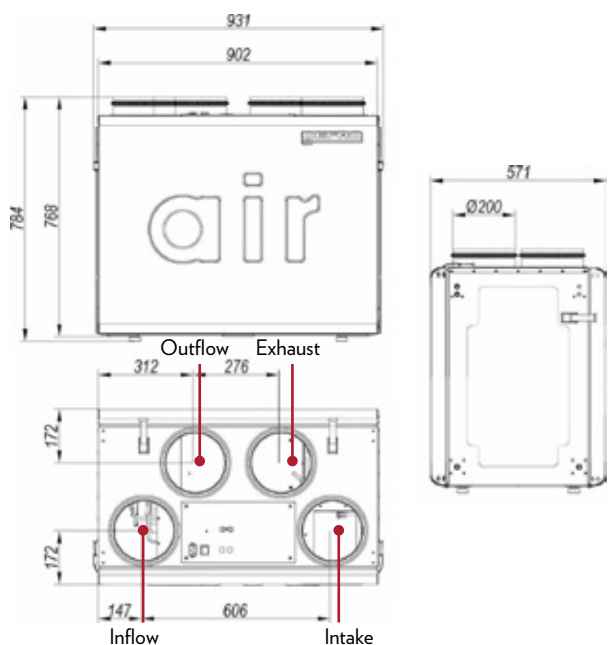
- capacity up to 350 m³/h/450 m³/h, 550 m³/h (150 Pa),
- rotary heat exchanger,
- modulated preheater,
- summer mode,
- filters standard M-5 e PM10.

The unit is made of high-grade steel with connectors dn 200mm in vertical (V) version.

The unit is equipped with a 4.3" control touch panel as a standard and can be additionally upgraded with a mobile control.

The unit can be mounted on the wall, suspended or placed on a base.

Dimensions and construction



Technical data

Model	DRO 350 V	DRO 450 V	DRO 550 V
Air consumption	350 m ³ /h	450 m ³ /h	550 m ³ /h
Energy efficiency class	A		
Compression ratio	0 - 150 Pa		
Heater power	1500 W		
Rated supply voltage	230 V		
Rated supply frequency	50 Hz		
Fuse type	WTA 5X20 250V F-10A		
Sound power level	41 dB	45 dB	47 dB
Class of filters used	M-5 e PM10		
Heat exchanger	rotary		
Degree of protection	IP 40		
Equipment insulation class	I		
Range of operating temperature	5 - 45°C		
Diameter of ventilation ducts	200 mm		
Legs adjustment range	12 - 38 mm		
Assembly method	on stand, wall mounting		
Weight	75 kg		

Additional equipment

Index	Versions of equipment/additional equipment
REKU-DRO-350-V	Air handling unit DRO 350 V with a capacity of 350 m ³ /h with a set of wall mounts, touch display 4.3"
REKU-DRO-450-V	Air handling unit DRO 450 V with a capacity of 450 m ³ /h with a set of wall mounts, touch display 4.3"
REKU-DRO-550-V	Air handling unit DRO 550 V with a capacity of 550 m ³ /h with a set of wall mounts, touch display 4.3"
ST505LAN	ST-505 (LAN) internet communication module
WIFIRSINT	WiFi RS internet communication module
CZHR	Temperature and humidity sensor
CZCO2	CO ₂ sensor with wired power supply for the DRX series
FKPM5H	Filter M-5 445 x 231 x 48
FKWM5H	Carbon filter M-5 445 x 231 x 48
FKPF7H	Filter F-7 445 x 231 x 48

Advantages

touch display	humidity sensor (option)	reversible unit	CO ₂ sensor (option)
Flow Balancing	humidity recovery	mobile control (option)	modulated preheater
rotary heat exchanger	energy-saving EC fans	heat recovery up to 86%	possibility of obtaining the subsidy



DRX V PLUS

DRX V PLUS air handling unit is presented on the product visualization.



Product specification:

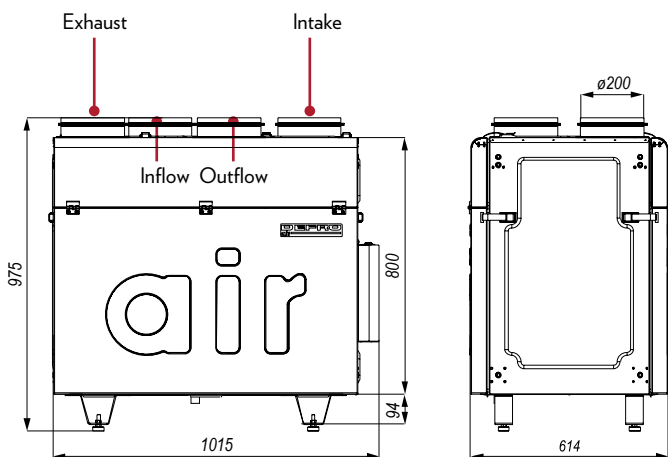
- capacity up to 300 m³/h, 400 m³/h, 500 m³/h, 600 m³/h (200 Pa),
- counter-flow heat exchanger,
- automatic by-pass,
- modulated preheater,
- filters standard M-5 e PM10.

The unit is made of high-grade steel with connectors dn 200mm in vertical (V) version.

The unit is equipped with a 5" control touch panel with a WIFI module as a standard. Option to use up to radio-controlled 6 humidity sensors and 1 air quality sensor.

The unit can be mounted on the wall, suspended or placed on a base.

Dimensions and construction



Technical data

Model	DRX 300 PLUS V	DRX 400 PLUS V	DRX 500 PLUS V	DRX 600 PLUS V
Air consumption	300 m ³ /h	400 m ³ /h	500 m ³ /h	600 m ³ /h
Energy efficiency class	A			
Compression ratio	0 - 200 Pa			
Heater power	1500 W			
Rated supply voltage	230 V			
Rated supply frequency	50 Hz			
Fuse type	WTA 5X20 250V F-10A			
Sound power level	41 dB	45 dB	47 dB	49 dB
Class of filters used	M-5 e PM10			
Heat exchanger	counter-flow			
Degree of protection	IP 40			
Equipment insulation class	I			
Range of operating temperature	5 - 45 °C			
Diameter of ventilation ducts	200 mm			
Legs adjustment range	20 - 38 mm			
Assembly method	on stand, wall mounting			
Weight	86 kg	87 kg		

Additional equipment

Indeks	Versions of equipment/additional equipment
REKU-DRX-PLUS-300-V	Air handling unit DRX PLUS 300 V with a capacity of 300 m ³ /h with a set of wall mounts, touch display 5"
REKU-DRX-PLUS-400-V	Air handling unit DRX PLUS 400 V with a capacity of 400 m ³ /h with a set of wall mounts, touch display 5"
REKU-DRX-PLUS-500-V	Air handling unit DRX PLUS 500 V with a capacity of 500 m ³ /h with a set of wall mounts, touch display 5"
REKU-DRX-PLUS-600-V	Air handling unit DRX PLUS 600 V with a capacity of 600 m ³ /h with a set of wall mounts, touch display 5"
RCZTHR	Radio humidity sensor for the DRX PLUS series
RCZCO2	Radio CO ₂ sensor with wired power supply for the DRX PLUS series
FKPM5PV	Filter M5 497 x 230 x 48 for DRX PLUS V
FKWM5PV	Carbon filter M5 497 x 230 x 48 for DRX PLUS V
FKPF7PV	Filter F7 497 x 230 x 48 for DRX PLUS V

Advantages

touch display	humidity sensors up to 6 pieces (option)	reversible unit	CO ₂ sensor (option)
Flow Balancing	by-pass 100%	WIFI control	modulated preheater
enthalpy heat exchanger (option)	energy-saving EC fans	heat recovery up to 95%	possibility of obtaining the subsidy



DRX H PLUS

DRX H PLUS air handling unit is presented on the product visualization.



Product specification:

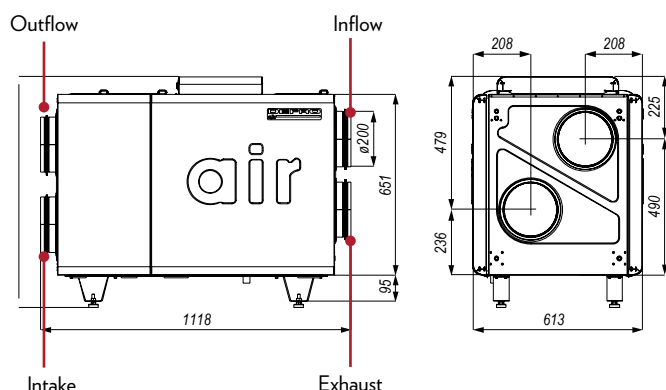
- capacity up to 300 m³/h, 400 m³/h, 500 m³/h, 600 m³/h (200 Pa),
- counter-flow heat exchanger,
- automatic by-pass,
- modulated preheater,
- filters standard M-5 e PM10.

The unit is made of high-grade steel with connectors dn 200mm in horizontal (H) version.

The unit is equipped with a 5" control touch panel with WIFI module as a standard. Option to use up to radio-controlled 6 humidity sensors and 1 air quality sensor.

The unit can be mounted on the wall, suspended or placed on a base.

Dimensions and construction



Technical data

Model	DRX 300 PLUS H	DRX 400 PLUS H	DRX 500 PLUS H	DRX 600 PLUS H
Air consumption	300 m ³ /h	400 m ³ /h	500 m ³ /h	600 m ³ /h
Energy efficiency class	A			
Compression ratio	0 - 200 Pa			
Heater power	1500 W			
Rated supply voltage	230 V			
Rated supply frequency	50 Hz			
Fuse type	WTA 5X20 250V F-10A			
Sound power level	41 dB	45 dB	47 dB	49 dB
Class of filters used	M-5 e PM10			
Heat exchanger	counter-flow			
Degree of protection	IP 40			
Equipment insulation class	I			
Range of operating temperature	5 - 45 °C			
Diameter of ventilation ducts	200 mm			
Legs adjustment range	20 - 38 mm			
Assembly method	on stand, wall mounting			
Weight	79 kg	80 kg		

Additional equipment

Indeks	Versions of equipment/additional equipment
REKU-DRX-PLUS-300-H	Air handling unit DRX PLUS 300 H with a capacity of 300 m ³ /h with a set of wall mounts, touch display 5"
REKU-DRX-PLUS-400-H	Air handling unit DRX PLUS 400 H with a capacity of 400 m ³ /h with a set of wall mounts, touch display 5"
REKU-DRX-PLUS-500-H	Air handling unit DRX PLUS 500 H with a capacity of 500 m ³ /h with a set of wall mounts, touch display 5"
REKU-DRX-PLUS-600-H	Air handling unit DRX PLUS 600 H with a capacity of 600 m ³ /h with a set of wall mounts, touch display 5"
RCZTHR	Radio humidity sensor for the DRX PLUS series
RCZCO2	Radio CO ₂ sensor with wired power supply for the DRX PLUS series
FKPM5PH	Filter M5 497 x 250 x 48 for DRX PLUS H
FKWM5PH	Carbon filter M5 497 x 250 x 48 for DRX PLUS H
FKPF7PH	Filter F7 497 x 250 x 48 for DRX PLUS H

Advantages

- touch display
- humidity sensors up to 6 pieces (option)
- reversible unit
- CO₂ sensor (option)
- Flow Balancing
- by-pass 100%
- WIFI control
- modulated preheater
- enthalpy heat exchanger (option)
- energy-saving EC fans
- heat recovery up to 95%
- possibility of obtaining the subsidy



DRX V

DRX V air handling unit is presented on the product visualization.



Product specification:

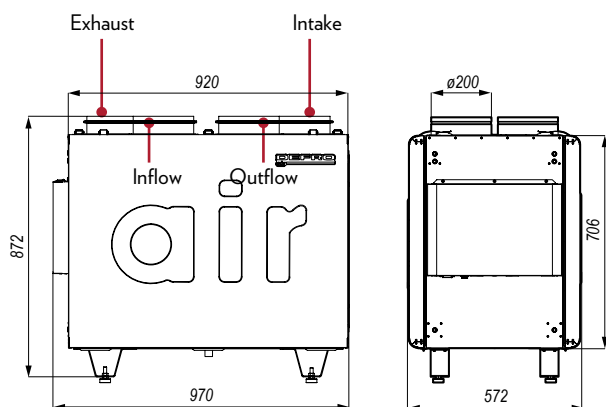
- capacity up to 350, 450, 550 m³/h (200 Pa),
- counter-flow heat exchanger,
- automatic by-pass,
- modulated preheater,
- filters standard M-5 e PM10.

The unit is made of high-grade steel with connectors dn 200mm in vertical (V) version.

The unit is equipped with a 4.3" control touch panel as a standard and can be additionally upgraded with a mobile control.

The unit can be mounted on the wall, suspended or placed on a base.

Dimensions and construction



Technical data

Model	DRX 300 V	DRX 400 V	DRX 500 V
Air consumption	350 m ³ /h	450 m ³ /h	550 m ³ /h
Energy efficiency class	A		
Compression ratio	0 - 200 Pa		
Power of modulated heater	1500 W		
Rated supply voltage	230 V		
Rated supply frequency	50 Hz		
Fuse type	WTA 5X20 250V F-10A		
Sound power level	41 dB	45 dB	47 dB
Class of filters used	M-5 e PM10		
Heat exchanger	counter-flow		
Degree of protection	IP 40		
Equipment insulation class	I		
Range of operating temperature	5 - 45°C		
Diameter of ventilation ducts	200 mm		
Legs adjustment range	20 - 38 mm		
Weight	69 kg		

Additional equipment

Indeks	Versions of equipment/additional equipment
REKU-DRX-300-V	Air handling unit DRX 300 V with a capacity of 350 m ³ /h with a set of wall mounts, touch display 4.3"
REKU-DRX-400-V	Air handling unit DRX 400 V with a capacity of 450 m ³ /h with a set of wall mounts, touch display 4.3"
REKU-DRX-500-V	Air handling unit DRX 500 V with a capacity of 550 m ³ /h with a set of wall mounts, touch display 4.3"
ST505LAN	ST-505 (LAN) internet communication module
WIFIRSINT	WiFi RS internet communication module
CZHR	Temperature and humidity sensor
CZCO2	CO ₂ sensor with wired power supply for the DRX series
FKPM5V	Filter M5 445 x 171 x 48 for DRX V, DRX OPTI V
FKWM5V	Carbon filter M5 445 x 171 x 48 for DRX V, DRX OPTI V
FKPF7V	Filter F7 445 x 171 x 48 for DRX V, DRX OPTI V

Advantages

touch display	heat recovery up to 95%	reversible unit	energy-saving EC fans
Flow Balancing	by-pass 100%	mobile control (option)	modulated preheater
possibility of obtaining the subsidy	humidity sensor (option)	CO ₂ sensor (option)	counter-flow heat exchanger

DRX series air handling units



DRX V E

DRX V E air handling unit is presented on the product visualization.



Product specification:

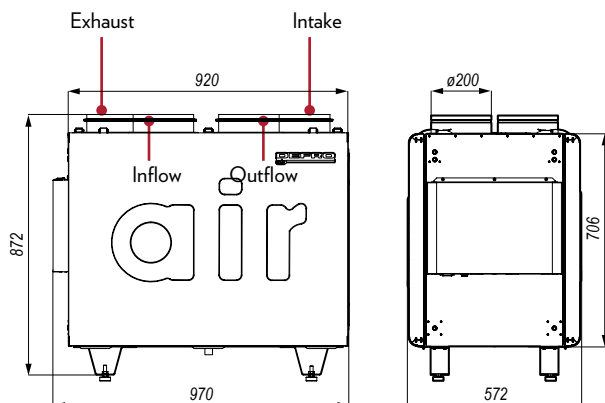
- capacity up to 350, 450, 550 m³/h (200 Pa),
- enthalpy heat exchanger,
- automatic by-pass,
- modulated preheater,
- filters standard M-5 e PM10.

The unit is made of high-grade steel with connectors dn 200mm in vertical (V) version.

The unit is equipped with a 4.3" control touch panel as a standard and can be additionally upgraded with a mobile control.

The unit can be mounted on the wall, suspended or placed on a dedicated pedestal.

Dimensions and construction



Technical data

Model	DRX 300 V E	DRX 400 V E	DRX 500 V E
Air consumption	350 m ³ /h	450 m ³ /h	550 m ³ /h
Energy efficiency class	A		
Compression ratio	0 - 200 Pa		
Power of modulated heater	1500 W		
Rated supply voltage	230 V		
Rated supply frequency	50 Hz		
Fuse type	WTA 5X20 250V F-10A		
Sound power level	41 dB	45 dB	47 dB
Class of filters used	M-5 e PM10		
Heat exchanger	enthalpy		
Degree of protection	IP 40		
Equipment insulation class	I		
Range of operating temperature	5 - 45°C		
Diameter of ventilation ducts	200 mm		
Legs adjustment range	20 - 38 mm		
Weight	69 kg		

Additional equipment

Indeks	Versions of equipment/additional equipment
REKU-DRX-300-V-E	Air handling unit DRX 300 V E with a capacity of 350 m ³ /h with enthalpy heat exchanger, with a set of wall mounts, touch display 4,3"
REKU-DRX-400-V-E	Air handling unit DRX 400 V E with a capacity of 450 m ³ /h with enthalpy heat exchanger, with a set of wall mounts, touch display 4,3"
REKU-DRX-500-V-E	Air handling unit DRX 500 V E with a capacity of 550 m ³ /h with enthalpy heat exchanger, with a set of wall mounts, touch display 4,3"
ST505LAN	ST-505 (LAN) internet communication module
WIFIRSINT	WiFi RS internet communication module
CZHR	Temperature and humidity sensor
CZCO2	CO ₂ sensor with wired power supply for the DRX series
FKPM5V	Filter M5 445 x 171 x 48 for DRX V E
FKWM5V	Carbon filter M5 445 x 171 x 48 for DRX V E
FKPF7V	Filter F7 445 x 171 x 48 for DRX V E

Advantages

touch display	enthalpy heat exchanger	reversible unit	energy-saving EC fans
Flow Balancing	by-pass 100%	mobile control (option)	modulated preheater
easy cleaning and maintenance	humidity sensor (option)	CO ₂ sensor (option)	thermal and acoustic insulation



DRX H

DRX H air handling unit is presented on the product visualization.



Product specification:

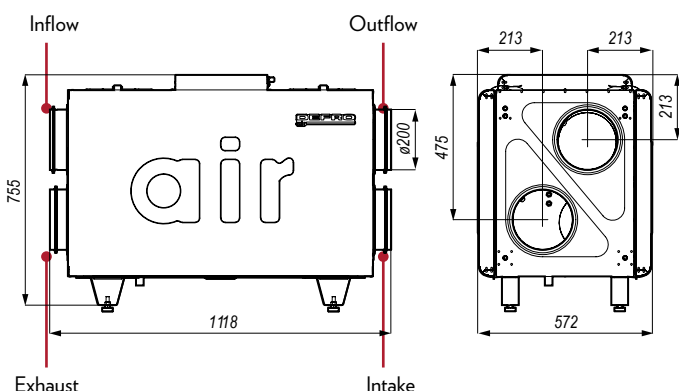
- capacity up to 350, 450, 550 m³/h (200 Pa),
- counter-flow heat exchanger,
- automatic by-pass,
- modulated preheater,
- filters standard M-5 e PM10.

The unit is made of high-grade steel with connectors dn 200mm in horizontal (H) version.

The unit is equipped with a 4.3" control touch panel as a standard and can be additionally upgraded with a mobile control.

The unit can be mounted on the wall, suspended or placed on a dedicated pedestal.

Dimensions and construction



Technical data

Model	DRX 300 H	DRX 400 H	DRX 500 H
Air consumption	350 m ³ /h	450 m ³ /h	550 m ³ /h
Energy efficiency class	A		
Compression ratio	0 - 200 Pa		
Power of modulated heater	1500 W		
Rated supply voltage	230 V		
Rated supply frequency	50 Hz		
Fuse type	WTA 5X20 250V F-10A		
Sound power level	41 dB	45 dB	47 dB
Class of filters used	M-5 e PM10		
Heat exchanger	counter-flow		
Degree of protection	IP 40		
Equipment insulation class	I		
Range of operating temperature	5 - 45°C		
Diameter of ventilation ducts	200 mm		
Legs adjustment range	20 - 38 mm		
Weight	65 kg		

Additional equipment

Indeks	Versions of equipment/additional equipment
REKU-DRX-300-H	Air handling unit DRX 300 H with a capacity of 350 m ³ /h with a set of wall mounts, touch display 4.3"
REKU-DRX-400-H	Air handling unit DRX 400 H with a capacity of 450 m ³ /h with a set of wall mounts, touch display 4.3"
REKU-DRX-500-H	Air handling unit DRX 500 H with a capacity of 550 m ³ /h with a set of wall mounts, touch display 4.3"
ST505LAN	ST-505 (LAN) internet communication module
WIFIRSINT	WiFi RS internet communication module
CZHR	Temperature and humidity sensor
CZCO2	CO ₂ sensor with wired power supply for the DRX series
FKPM5H	Filter M5 445 x 231 x 48 for DRX H
FKWM5H	Carbon filter M5 445 x 231 x 48 for DRX H
FKPF7H	Filter F7 445 x 231 x 48 for DRX H

Advantages



touch display



heat recovery up to 95%



reversible unit



energy-saving EC fans



Flow Balancing



by-pass 100%



mobile control (option)



modulated preheater



possibility of obtaining the subsidy



humidity sensor (option)



CO₂ sensor (option)



counter-flow heat exchanger



DRX H E

DRX H E air handling unit is presented on the product visualization.



Product specification:

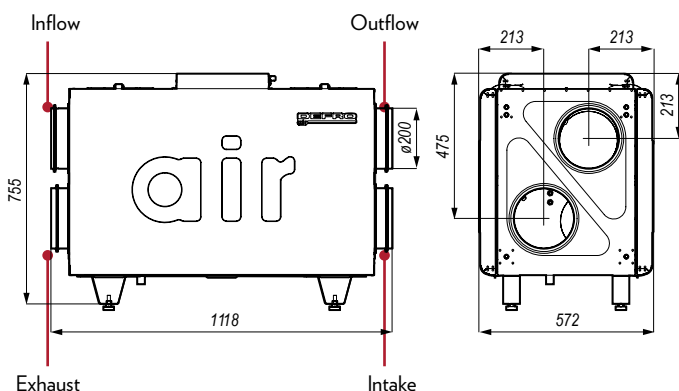
- capacity up to 350, 450, 550 m³/h (200 Pa),
- enthalpy heat exchanger,
- automatic by-pass,
- modulated preheater,
- filters standard M-5 e PM10.

The unit is made of high-grade steel with connectors dn 200mm in horizontal (H) version.

The unit is equipped with a 4.3" control touch panel as a standard and can be additionally upgraded with a mobile control.

The unit can be mounted on the wall, suspended or placed on a dedicated pedestal.

Dimensions and construction



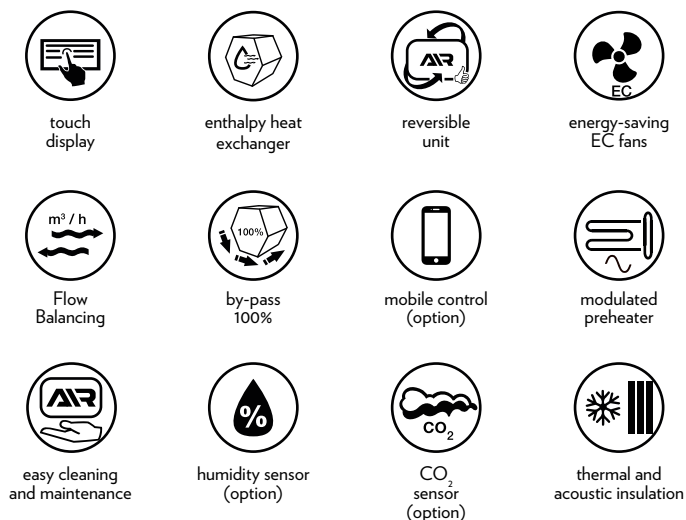
Technical data

Model	DRX 300 H E	DRX 400 H E	DRX 500 H E
Air consumption	350 m ³ /h	450 m ³ /h	550 m ³ /h
Energy efficiency class	A		
Compression ratio	0 - 200 Pa		
Power of modulated heater	1500 W		
Rated supply voltage	230 V		
Rated supply frequency	50 Hz		
Fuse type	WTA 5X20 250V F-10A		
Sound power level	41 dB	45 dB	47 dB
Class of filters used	M-5 e PM10		
Heat exchanger	enthalpy		
Degree of protection	IP 40		
Equipment insulation class	I		
Range of operating temperature	5 - 45°C		
Diameter of ventilation ducts	200 mm		
Legs adjustment range	20 - 38 mm		
Weight	65 kg		

Additional equipment

Indeks	Versions of equipment/additional equipment
REKU-DRX-300-H-E	Air handling unit DRX 300 H E with enthalpy heat exchanger, with a capacity of 350 m ³ /h with a set of wall mounts, touch display 4.3"
REKU-DRX-400-H-E	Air handling unit DRX 400 H E with enthalpy heat exchanger, with a capacity of 450 m ³ /h with a set of wall mounts, touch display 4.3"
REKU-DRX-500-H-E	Air handling unit DRX 500 H E with enthalpy heat exchanger, with a capacity of 550 m ³ /h with a set of wall mounts, touch display 4.3"
ST505LAN	ST-505 (LAN) internet communication module
WIFIRSINT	WiFi RS internet communication module
CZHR	Temperature and humidity sensor
CZCO2	CO ₂ sensor with wired power supply for the DRX series
FKPM5H	Filter M5 445 x 231 x 48 for DRX H
FKWM5H	Carbon filter M5 445 x 231 x 48 for DRX H
FKPF7H	Filter F7 445 x 231 x 48 for DRX H

Advantages





DRX V S

DRX V S air handling unit is presented on the product visualization.



Product specification:

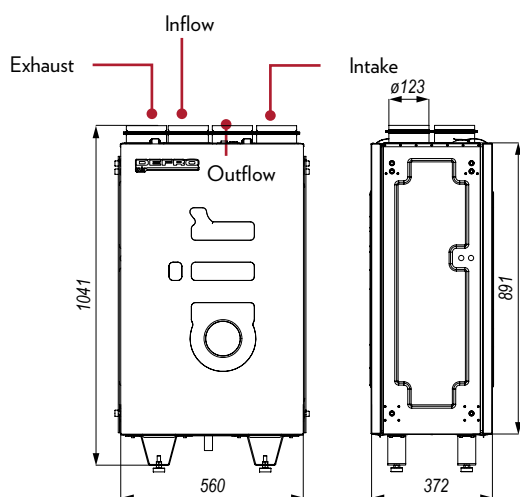
- capacity up to 200 m³/h (150 Pa),
- counter-flow heat exchanger,
- automatic by-pass,
- preheater,
- filters standard M-5 e PM10.

The unit is made of high-grade steel with connectors dn 125mm in vertical (V S) version.

The unit is equipped with a 4.3" control touch panel as a standard and can be additionally upgraded with a mobile control.

The unit can be installed on the wall or placed on a dedicated pedestal.

Dimensions and construction



Technical data

Model	DRX 250 V S
Air consumption	200 m ³ /h
Energy efficiency class	A
Compression ratio	0 - 150 Pa
Power of modulated heater	500 W
Rated supply voltage	230 V
Rated supply frequency	50 Hz
Fuse type	WTA 5X20 250V F-6,3A
Sound power level	41 dB
Class of filters used	M-5 e PM10
Heat exchanger	counter-flow
Degree of protection	IP 40
Equipment insulation class	I
Range of operating temperature	5 - 45°C
Diameter of ventilation ducts	125 mm
Legs adjustment range	20 - 38 mm
Weight	48 kg

Additional equipment

Indeks	Versions of equipment/additional equipment
REKU-DRX-250-V-S	Air handling unit DRX 250 V S with a capacity of 200 m ³ /h with a set of wall mounts, touch display 4,3"
ST505LAN	ST-505 (LAN) internet communication module
WIFIRSINT	WiFi RS internet communication module
CZHR	Temperature and humidity sensor
CZCO2	CO ₂ sensor with wired power supply for the DRX series
FKPM5VS	Filter M5 295 x 115 x 48 for DRX VS, DRX OPTI VS
FKWM5VS	Carbon filter M5 295 x 115 x 48 for DRX VS, DRX OPTI VS
FKPF7VS	Filter F7 295 x 115 x 48 for DRX VS, DRX OPTI VS

Advantages



touch display



humidity sensor (option)



reversible unit



possibility of obtaining the subsidy



Flow Balancing



by-pass 100%



mobile control (option)



preheater



counter-flow heat exchanger



energy-saving EC fans



heat recovery up to 95%



CO₂ sensor (option)

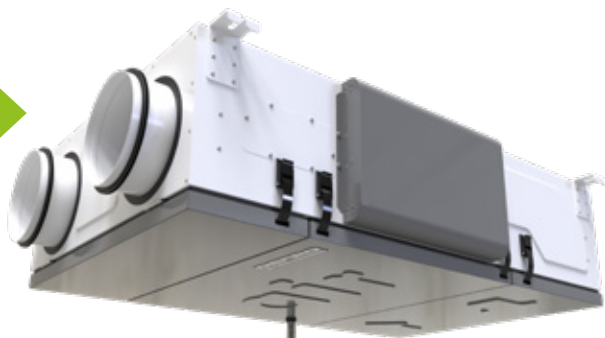


DRX F

DRX F air handling unit is presented on the product visualization.



A



Product specification:

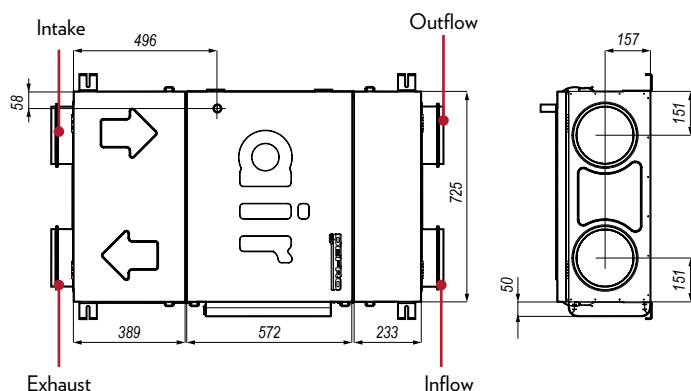
- capacity up to 350 oraz 450 m³/h (200 Pa),
- counter-flow heat exchanger,
- automatic by-pass,
- modulated preheater,
- filters standard M-5 e PM10.

The unit is made of high-grade steel with connectors dn 200mm of flat design allowing assembly even under the installed ceiling or in the garage. The unit is characterized with an exceptionally low height of 330 mm.

The unit is equipped with a 4.3" control touch panel as a standard and can be additionally upgraded with a mobile control.

The unit can be only suspended.

Dimensions and construction



Technical data













Model	DRX 350 F	DRX 450 F
Air consumption	350 m ³ /h	450 m ³ /h
Energy efficiency class	A	
Compression ratio	0 - 200 Pa	
Power of modulated heater	1200 W	
Rated supply voltage	230 V	
Rated supply frequency	50 Hz	
Fuse type	WTA 5X20 250V F-10A	
Sound power level	45 dB	
Sound power level	M-5 e PM10	
Heat exchanger	counter-flow	
Degree of protection	IP 40	
Equipment insulation class	I	
Range of operating temperature	5 - 45°C	
Diameter of ventilation ducts	200 mm	
Weight	57 kg	

Additional equipment

Indeks	Versions of equipment/additional equipment
REKU-DRX-350-F	Air handling unit DRX 350 F with a capacity of 350 m ³ /h with touch display 4,3"
REKU-DRX-450-F	Air handling unit DRX 450 F with a capacity of 450 m ³ /h with touch display 4,3"
REKU-DRX-350-F-L	Air handling unit DRX 350 F L with a capacity of 350 m ³ /h with touch display 4,3"
REKU-DRX-450-F-L	Air handling unit DRX 450 F L with a capacity of 450 m ³ /h with touch display 4,3"
ST505LAN	ST-505 (LAN) internet communication module
WIFIRSINT	WiFi RS internet communication module
CZHR	Temperature and humidity sensor
CZCO2	CO ₂ sensor with wired power supply for the DRX series
FKPM5F	Filter M5 273 x 248 x 48 for DRX F
FKWM5F	Carbon filter M5 273 x 248 x 48 for DRX F
FKPF7F	Filter F7 273 x 248 x 48 for DRX F

* DRX F L (mirror image) available upon request at no extra charge.

Advantages

 touch display	 humidity sensor (option)	 possibility of obtaining the subsidy	 CO ₂ sensor (option)
 Flow Balancing	 by-pass 100%	 mobile control (option)	 modulated preheater
 counter-flow heat exchanger	 energy-saving EC fans	 heat recovery up to 95%	 easy cleaning and maintenance

DRX series air handling units



DRX C

DRX C air handling unit is presented on the product visualization.



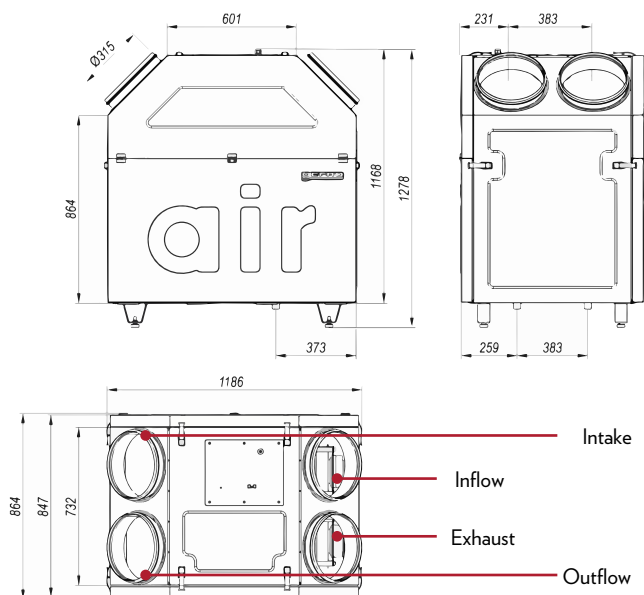
Product specification:

- capacity up to 800, 1000 m³/h (300 Pa) oraz 1200 m³/h (200 Pa),
- counter-flow heat exchanger,
- automatic by-pass,
- modulated preheater,
- filters standard M-5 e PM10.

The unit is made of high-grade steel with connectors dn 315mm in inclined version (C).

The unit is equipped with a 4.3" control touch panel as a standard and can be additionally upgraded with a mobile control.

Dimensions and construction



Technical data

Model	DRX C 800	DRX C 1000	DRX C 1200
Air consumption	800 m ³ /h	1000 m ³ /h	1200 m ³ /h
Compression ratio	0 - 300 Pa	0 - 300 Pa	0 - 200 Pa
Power of modulated heater	4000 W		
Rated supply voltage	230 V		
Rated supply frequency	50 Hz		
Fuse type	automatic B10		
Sound power level	60 dB	62 dB	65 dB
Sound power level	M-5 e PM10		
Heat exchanger	counter-flow		
Degree of protection	IP 40		
Equipment insulation class	I		
Range of operating temperature	5 - 45 °C		
Diameter of ventilation ducts	315 mm		
Weight	160 kg		

Additional equipment

Indeks	Versions of equipment/additional equipment
REKU-DRX-800-C	DRX 800 C with a capacity of 800 m ³ /h, touch display 4.3"
REKU-DRX-1000-C	DRX 1000 C with a capacity of 1 000 m ³ /h, touch display 4.3"
REKU-DRX-1200-C	DRX 1200 C with a capacity of 1 200 m ³ /h, touch display 4.3"
ST505LAN	ST-505 (LAN) internet communication module
WIFIRSINT	WiFi RS internet communication module
CZHR	Temperature and humidity sensor
CZCO2	CO ₂ sensor with wired power supply for the DRX series
FKPM5C	Filter M5 732 x 353 x 40 for DRX C
FKWM5C	Carbon filter M5 732 x 353 x 40 for DRX C
FKPF7C	Filter F7 732 x 353 x 40 for DRX C

Advantages

- touch display
- humidity sensor (option)
- possibility of obtaining the subsidy
- CO₂ sensor (option)
- Flow Balancing
- by-pass 100%
- mobile control (option)
- modulated preheater
- counter-flow heat exchanger
- energy-saving EC fans
- heat recovery up to 95%
- easy cleaning and maintenance



DRX H OPTI

DRX H OPTI air handling unit is presented on the product visualization.



A



Product specification:

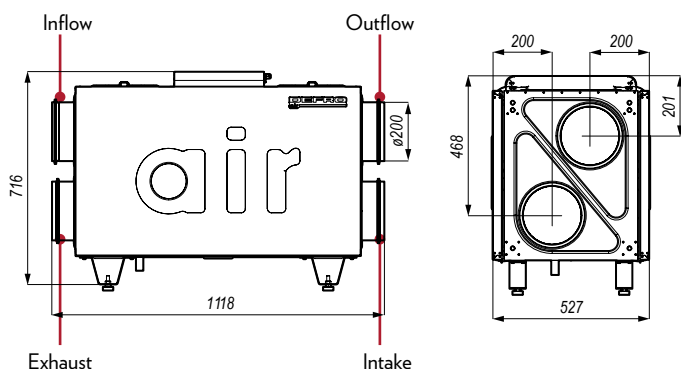
- capacity up to 350, 450, 550 m³/h (200 Pa),
- counter-flow heat exchanger,
- automatic by-pass,
- preheater,
- filters standard M-5 e PM10.

The unit is made of high-grade steel with connectors dn 200mm in horizontal (H) version.

The unit is equipped with a 4.3" control touch panel as a standard and can be additionally upgraded with a mobile control.

The unit can be mounted on the wall, suspended or placed on a dedicated pedestal.

Dimensions and construction



Technical data

Model	DRX OPTI 300 H	DRX OPTI 400 H	DRX OPTI 500 H
Air consumption	350 m ³ /h	450 m ³ /h	550 m ³ /h
Energy efficiency class	A		
Compression ratio	0 - 200 Pa		
Power of modulated heater	500 W		
Rated supply voltage	230 V		
Rated supply frequency	50 Hz		
Fuse type	WTA 5X20 250V F-6,3A		
Sound power level	41 dB	45 dB	47 dB
Class of filters used	M-5 e PM10		
Heat exchanger	counter-flow		
Degree of protection	IP 40		
Equipment insulation class	I		
Range of operating temperature	5 - 45°C		
Diameter of ventilation ducts	200 mm		
Legs adjustment range	20 - 38 mm		
Weight	60 kg		

Additional equipment

Indeks	Versions of equipment/additional equipment
REKU-DRX-OPTI-300-H	Air handling unit DRX OPTI 300 H with a capacity of 350 m ³ /h with a set of wall mounts, touch display 4.3"
REKU-DRX-OPTI-400-H	Air handling unit DRX OPTI 400 H with a capacity of 450 m ³ /h with a set of wall mounts, touch display 4.3"
REKU-DRX-OPTI-500-H	Air handling unit DRX OPTI 500 H with a capacity of 550 m ³ /h with a set of wall mounts, touch display 4.3"
ST505LAN	ST-505 (LAN) internet communication module
WIFIRSINT	WiFi RS internet communication module
CZHR	Temperature and humidity sensor
CZCO2	CO ₂ sensor with wired power supply for the DRX series
FKPM5H	Filter M5 445 x 231 x 48 for DRX OPTI H
FKWM5H	Carbon filter M5 445 x 231 x 48 for DRX OPTI H
FKPF7H	Filter F7 445 x 231 x 48 for DRX OPTI H

Advantages

touch display	humidity sensor (option)	reversible unit	CO ₂ sensor (option)
easy cleaning and maintenance	by-pass 100%	mobile control (option)	preheater
low operation costs	energy-saving EC fans	heat recovery up to 95%	possibility of obtaining the subsidy



DRX V OPTI

DRX V OPTI air handling unit is presented on the product visualization.



Product specification:

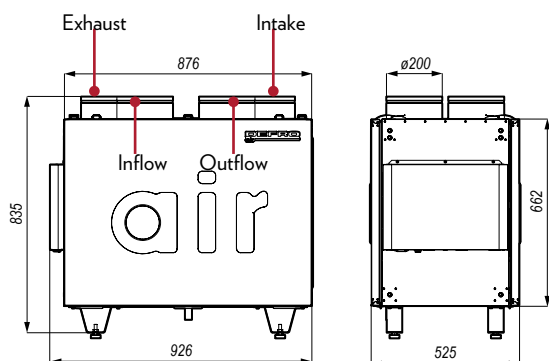
- capacity up to 350, 450, 550 m³/h (200 Pa),
- counter-flow heat exchanger,
- automatic by-pass,
- preheater,
- filters standard M-5 e PM10.

The unit is made of high-grade steel with connectors dn 200mm in vertical (V) version.

The unit is equipped with a 4.3" control touch panel as a standard and can be additionally upgraded with a mobile control.

The unit can be mounted on the wall, suspended or placed on a dedicated pedestal.

Dimensions and construction



Technical data

Model	DRX OPTI 300 V	DRX OPTI 400 V	DRX OPTI 500 V
Air consumption	350 m ³ /h	450 m ³ /h	550 m ³ /h
Energy efficiency class	A		
Compression ratio	0 - 200 Pa		
Power of modulated heater	500 W		
Rated supply voltage	230 V		
Rated supply frequency	50 Hz		
Fuse type	WTA 5X20 250V F-6,3A		
Sound power level	41 dB	45 dB	47 dB
Class of filters used	M-5 e PM10		
Heat exchanger	counter-flow		
Degree of protection	IP 40		
Equipment insulation class	I		
Range of operating temperature	5 - 45°C		
Diameter of ventilation ducts	200 mm		
Legs adjustment range	20 - 38 mm		
Weight	64 kg		

Additional equipment

Indeks	Versions of equipment/additional equipment
REKU-DRX-OPTI-300-V	Air handling unit DRX OPTI 300 V with a capacity of 350 m ³ /h with a set of wall mounts, touch display 4.3"
REKU-DRX-OPTI-400-V	Air handling unit DRX OPTI 400 V with a capacity of 450 m ³ /h with a set of wall mounts, touch display 4.3"
REKU-DRX-OPTI-500-V	Air handling unit DRX OPTI 500 V with a capacity of 550 m ³ /h with a set of wall mounts, touch display 4.3"
ST505LAN	ST-505 (LAN) internet communication module
WIFIRSINT	WiFi RS internet communication module
CZHR	Temperature and humidity sensor
CZCO2	CO ₂ sensor with wired power supply for the DRX series
FKPM5V	Filter M5 445 x 171 x 48 for DRX OPTI V
FKWM5V	Carbon filter M5 445 x 171 x 48 for DRX OPTI V
FKPF7V	Filter F7 445 x 171 x 48 for DRX OPTI V

Advantages



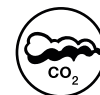
touch display



humidity sensor (option)



reversible unit



CO₂ sensor (option)



easy cleaning and maintenance



by-pass 100%



mobile control (option)



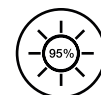
preheater



low operation costs



energy-saving EC fans



heat recovery up to 95%



possibility of obtaining the subsidy

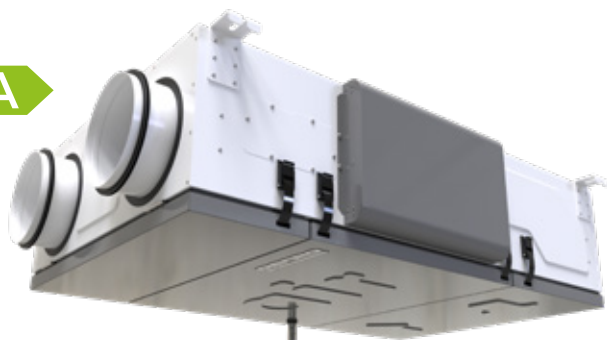


DRX F OPTI

DRX F OPTI air handling unit is presented on the product visualization.



A



Product specification:

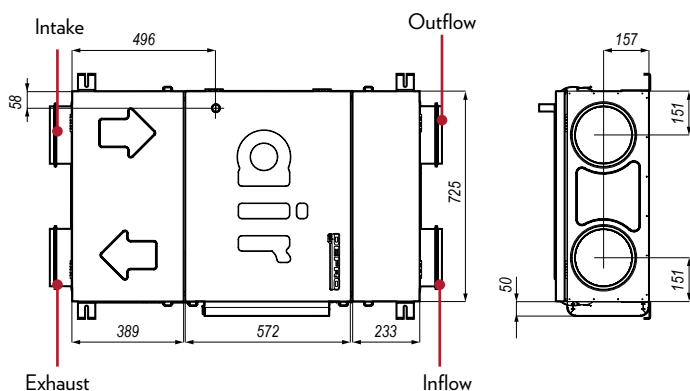
- capacity up to 350 or 450 m³/h (200 Pa),
- counter-flow heat exchanger,
- automatic by-pass,
- preheater,
- filters standard M-5 e PM10.

The unit is made of high-grade steel with connectors dn 200mm of flat design allowing assembly even under the installed ceiling or in the garage. The unit is characterized with an exceptionally low height of 330 mm.

The unit is equipped with a 4.3" control touch panel as a standard and can be additionally upgraded with a mobile control.

The unit can be only suspended.

Dimensions and construction



Technical data

Model	DRX OPTI F 350	DRX OPTI F 450
Air consumption	350 m ³ /h	450 m ³ /h
Energy efficiency class	A	
Compression ratio	0 - 200 Pa	
Heater power	500 W	
Rated supply voltage	230 V	
Rated supply frequency	50 Hz	
Fuse type	WTA 5X20 250V F-6,3A	
Sound power level	45 dB	
Class of filters used	M-5 e PM10	
Heat exchanger	counter-flow	
Degree of protection	IP 40	
Equipment insulation class	I	
Range of operating temperature	5 - 45°C	
Diameter of ventilation ducts	200 mm	
Weight	57 kg	

Additional equipment

Indeks	Versions of equipment/additional equipment
REKU-DRX-OPTI-350-F	Air handling unit DRX OPTI F 350 with a capacity of 350 m ³ /h, touch display 4,3"
REKU-DRX-OPTI-450-F	Air handling unit DRX OPTI F 450 with a capacity of 450 m ³ /h, touch display 4,3"
REKU-DRX-OPTI-350-F-L	Air handling unit DRX OPTI F L 350 with a capacity of 350 m ³ /h*, touch display 4,3"
REKU-DRX-OPTI-450-F-L	Air handling unit DRX OPTI F L 450 with a capacity of 450 m ³ /h*, touch display 4,3"
ST505LAN	ST-505 (LAN) internet communication module
WIFIRSINT	WiFi RS internet communication module
CZHR	Temperature and humidity sensor
CZCO2	CO ₂ sensor with wired power supply for the DRX series
FKPM5F	Filter M5 273 x 248 x 48 for DRX OPTI F, DRX OPTI F
FKWM5F	Carbon filter M5 273 x 248 x 48 for DRX OPTI F, DRX OPTI F
FKPF7F	Filter F7 273 x 248 x 48 for DRX OPTI F, DRX OPTI F

* DRX OPTI F L (mirror image) available upon request at no extra charge.

Advantages



touch display



humidity sensor (option)



possibility of obtaining the subsidy



CO₂ sensor (option)



easy cleaning and maintenance



by-pass 100%



mobile control (option)



preheater



low operation costs



energy-saving EC fans



heat recovery up to 95%



counter-flow heat exchanger



DRX V S OPTI

DRX V S OPTI air handling unit is presented on the product visualization.



Product specification:

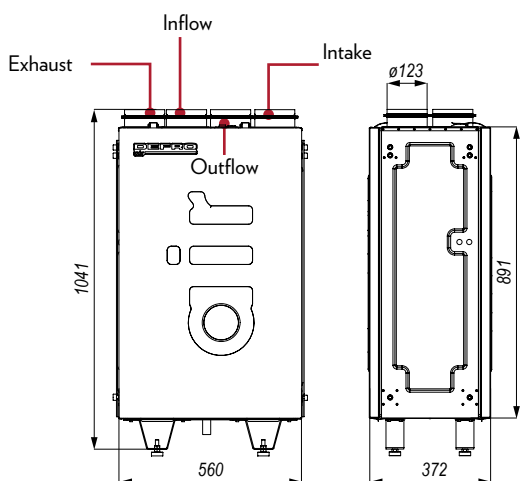
- capacity up to 200 m³/h (150 Pa),
- counter-flow heat exchanger,
- automatic by-pass,
- preheater,
- filters standard M-5 e PM10.

The unit is made of high-grade steel with connectors dn 125mm in vertical (V S) version.

The unit is equipped with a 4.3" control touch panel as a standard and can be additionally upgraded with a mobile control.

The unit can be installed on the wall or placed on a dedicated pedestal.

Dimensions and construction



Technical data

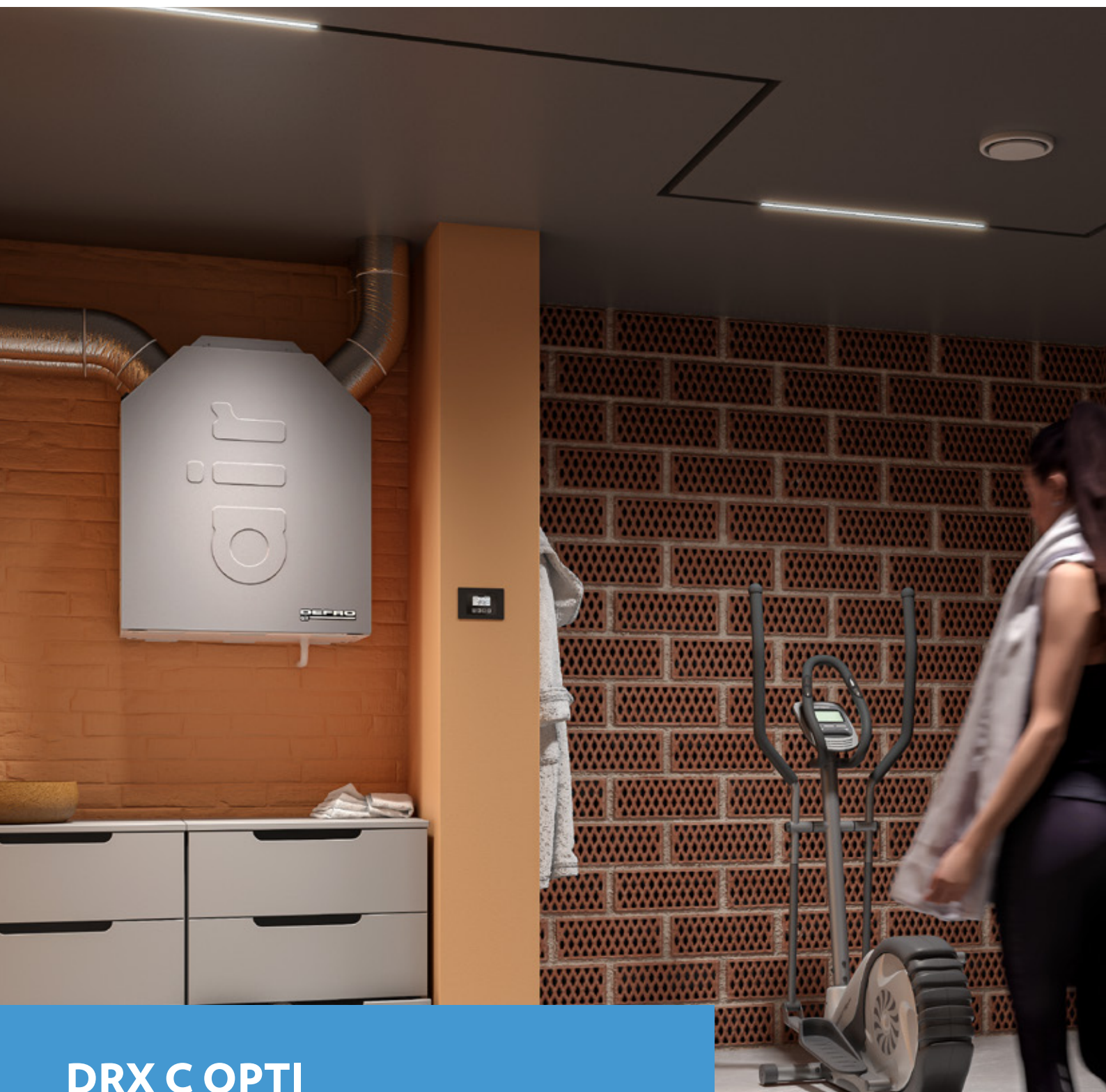
Model	DRX OPTI 250 V S
Air consumption	200 m ³ /h
Energy efficiency class	A
Compression ratio	0 - 150 Pa
Heater power	500 W
Rated supply voltage	230 V
Rated supply frequency	50 Hz
Fuse type	WTA 5X20 250V F-6,3A
Sound power level	41 dB
Class of filters used	M-5 e PM10
Heat exchanger	counter-flow
Degree of protection	IP 40
Equipment insulation class	I
Range of operating temperature	5 - 45°C
Diameter of ventilation ducts	125 mm
Legs adjustment range	20 - 38 mm
Weight	48 kg

Additional equipment

Indeks	Versions of equipment/additional equipment
REKU-DRX-OPTI-250-V-S	Air handling unit DRX OPTI 250 V S with a capacity of 200 m ³ /h with a set of wall mounts, touch display 4.3"
ST505LAN	ST-505 (LAN) internet communication module
WIFIRSINT	WiFi RS internet communication module
CZHR	Temperature and humidity sensor
CZCO2	CO ₂ sensor with wired power supply for the DRX series
FKPM5VS	Filter M5 295 x 115 x 48 for DRX OPTI VS
FKWM5VS	Carbon filter M5 295 x 115 x 48 for DRX OPTI VS
FKPF7VS	Filter F7 295 x 115 x 48 for DRX OPTI VS

Advantages

touch display	humidity sensor (option)	reversible unit	possibility of obtaining the subsidy
easy cleaning and maintenance	by-pass 100%	mobile control (option)	preheater
counter-flow heat exchanger	energy-saving EC fans	heat recovery up to 95%	CO ₂ sensor (option)



DRX C OPTI

DRX C OPTI air handling unit is presented on the product visualization.



Product specification:

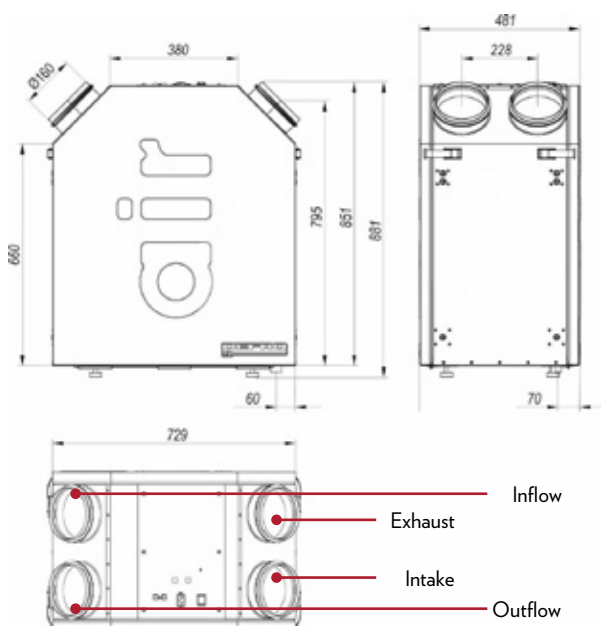
- capacity up to 350, 450 m³/h (100 Pa),
- counter-flow heat exchanger,
- automatic by-pass,
- preheater,
- filters standard M-5 e PM10.

The unit is made of high-grade steel with connectors dn 160mm in inclined version (C).

The unit is equipped with a monochrome graphic display as a standard and can be additionally upgraded with a WiFi module.

The unit can be mounted on the wall or placed on a base.

Dimensions and construction



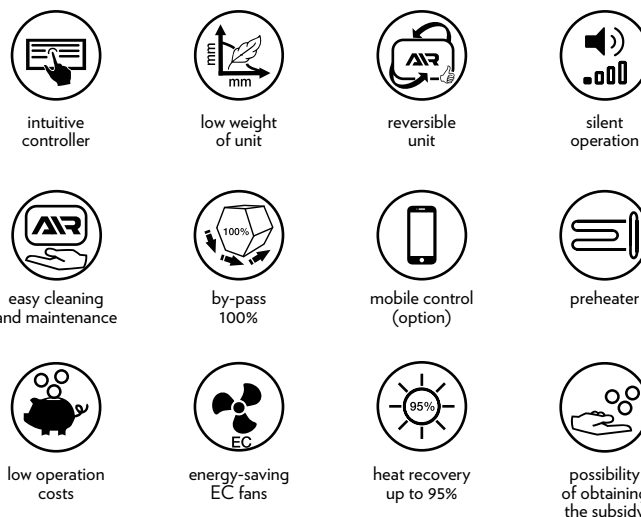
Technical data

Model	DRX OPTI 350 C	DRX OPTI 450 C
Air consumption	350 m ³ /h	450 m ³ /h
Energy efficiency class	A	
Compression ratio	0 - 100 Pa	
Heater power	500 W	
Rated supply voltage	230 V	
Rated supply frequency	50 Hz	
Fuse type	WTA 5X20 250V F-6,3A	
Sound power level	41 dB	43 dB
Class of filters used	M-5 e PM10	
Heat exchanger	counter-flow	
Degree of protection	IP 40	
Equipment insulation class	I	
Range of operating temperature	5 - 45°C	
Diameter of ventilation ducts	160 mm	
Legs adjustment range	20 - 38 mm	
Assembly method	on stand, wall mounting	
Weight	59 kg	59 kg

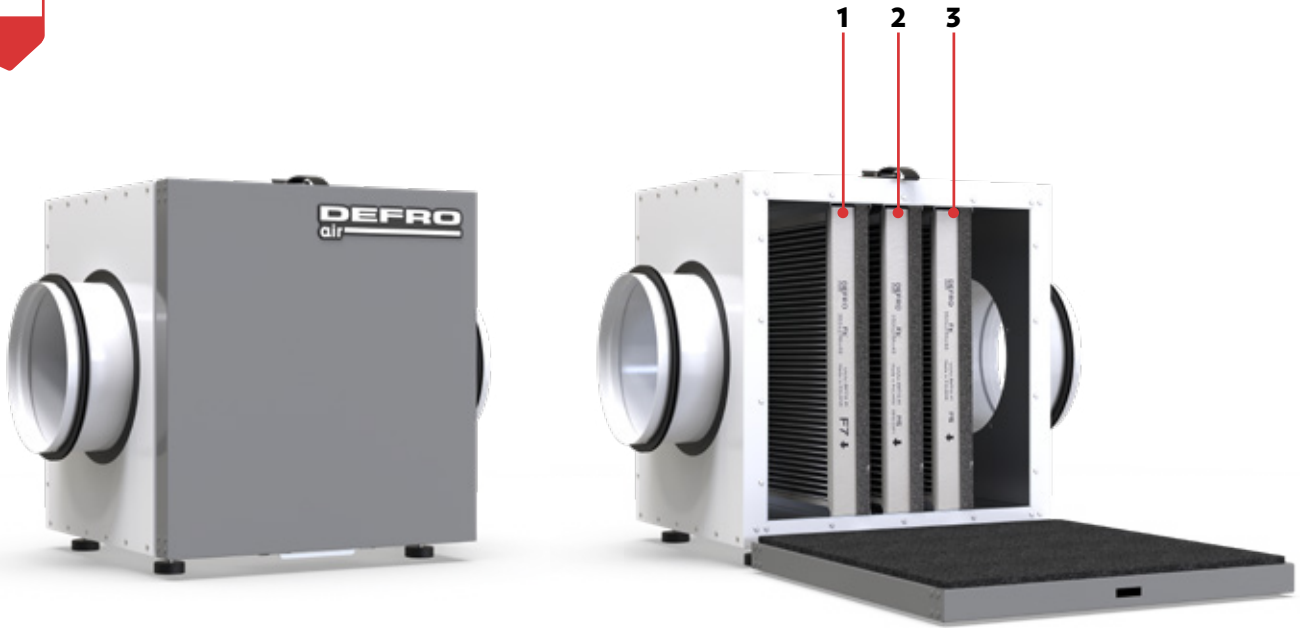
Additional equipment

Indeks	Versions of equipment/additional equipment
REKU-DRX-OPTI-350-C	Air handling unit DRX OPTI 350 C with a capacity of 350 m ³ /h with a set of wall mounts, intuitive controller 4.3"
REKU-DRX-OPTI-450-C	Air handling unit DRX OPTI 450 C with a capacity of 450 m ³ /h with a set of wall mounts, intuitive controller 4.3"
CZHR	Temperature and humidity sensor
CZCO ₂	CO ₂ sensor with wired power supply for the DRX series
FKPM5OC	Filter M5 402x187x48 for DRX OPTI C
FKWM5OC	Carbon filter M5 402x187x48 for DRX OPTI C
FKPF7OC	Filter F7 402x187x48 for DRX OPTI C

Advantages



Duct filter FRESH PLUS 321

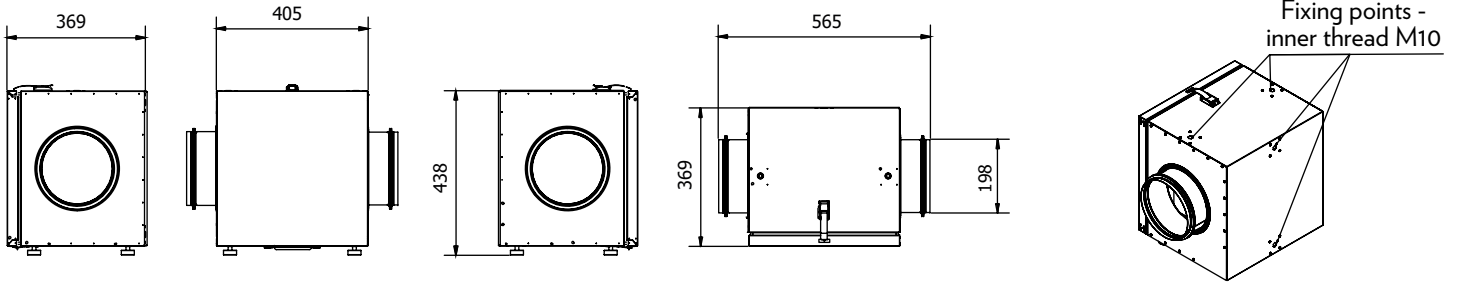


Product specification:

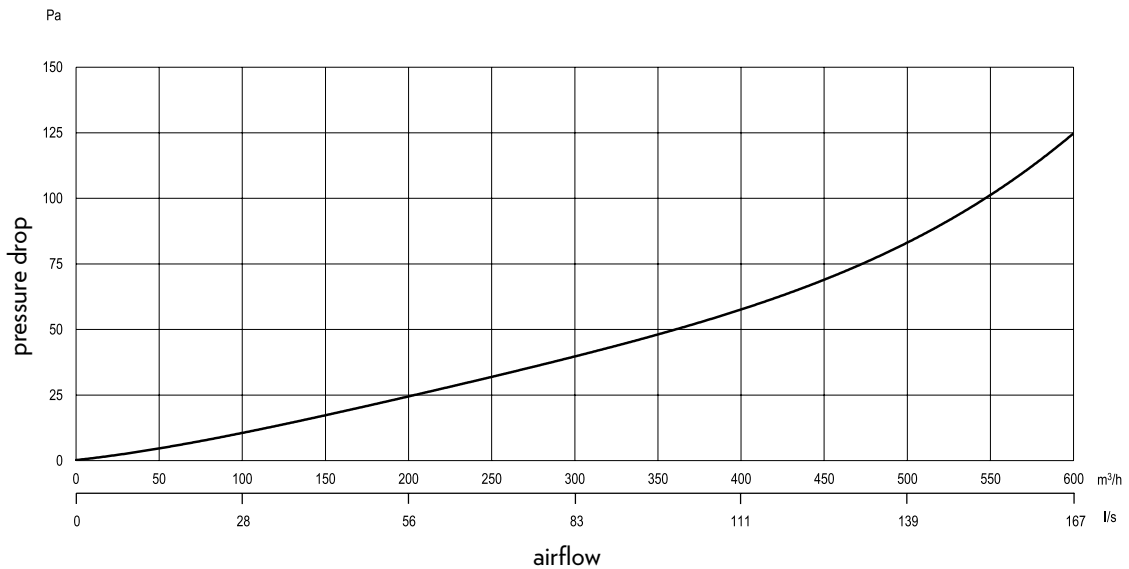
- filters: 1. F-7 ePM1, 2. M-5 e PM10 (carbon), 3. M-5 e PM10,
- effective cleaning of the air in the air intake and exhaust ducts,
- high tightness and strength,

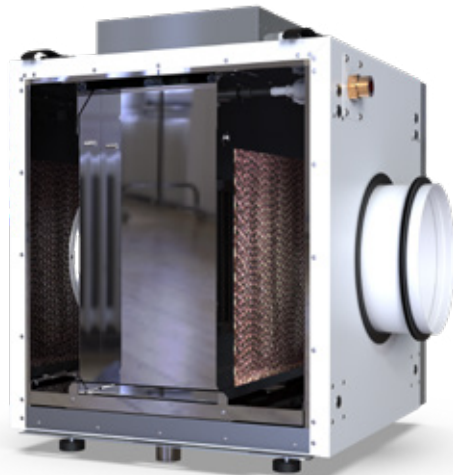
The duct filter is made of galvanized steel with dn 200mm connectors.

Dimensions



Capacity chart



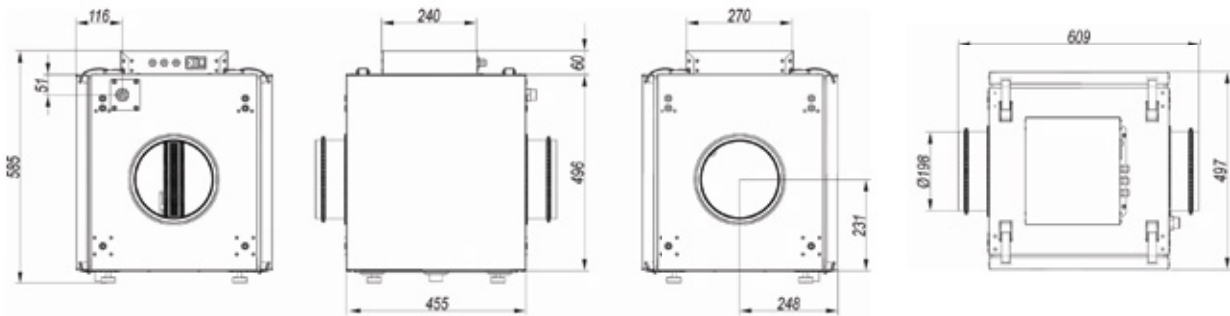


Product specification:

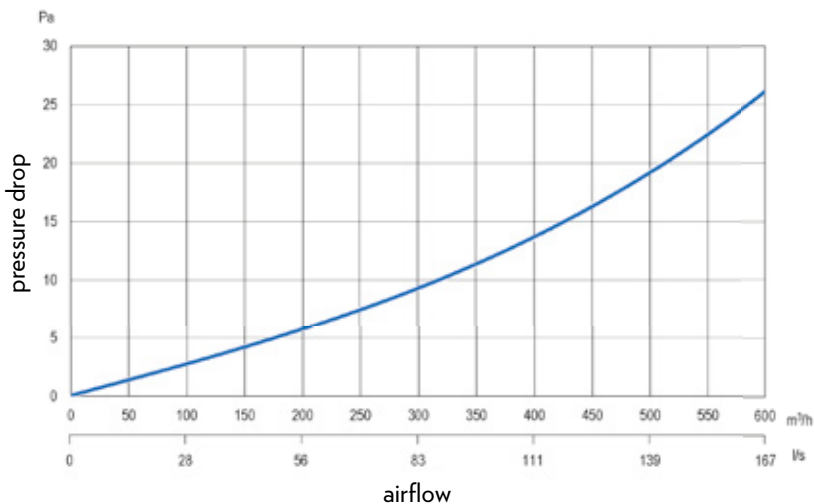
- reheat coil,
- high-quality evaporative mat ensuring the lowest level of allergen circulation in the rooms,
- energy-saving and autonomous operation,

A humidifier is made of galvanized steel with dn 200mm connectors.

Dimensions



Capacity chart



Technical data

Maximum air stream	600 m ³ /h
Energy consumption	10 W
Supply	230 V (50Hz)
Fuse type	WTA 5X20 150 V F-6,3 A
Diameter of air inlet and outlet connectors	200 mm
Weight	26 kg
Heater power	1000 W
Maximum water consumption	1,1 - 3,3l/h
Air resistance at 200 m ³ /h	7 Pa
Diameter of the water connectors	3/4"
Maximum water pressure from mains water system	1,5 - 5 bar
Water temperature	5 - 15 °C
Ambient temperature	5 - 45 °C

Air handling units

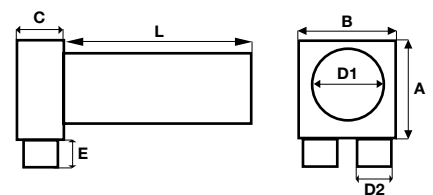
DRX PLUS	
Article number	Name
REKU-DRX-PLUS-300-H	Air handling unit DRX PLUS 300 H with a capacity of 300 m ³ /h with a set of wall mounts, touch display 5"
REKU-DRX-PLUS-400-H	Air handling unit DRX PLUS 400 H with a capacity of 400 m ³ /h with a set of wall mounts, touch display 5"
REKU-DRX-PLUS-500-H	Air handling unit DRX PLUS 500 H with a capacity of 500 m ³ /h with a set of wall mounts, touch display 5"
REKU-DRX-PLUS-600-H	Air handling unit DRX PLUS 600 H with a capacity of 600 m ³ /h with a set of wall mounts, touch display 5"
REKU-DRX-PLUS-300-V	Air handling unit DRX PLUS 300 V with a capacity of 300 m ³ /h with a set of wall mounts, touch display 5"
REKU-DRX-PLUS-400-V	Air handling unit DRX PLUS 400 V with a capacity of 400 m ³ /h with a set of wall mounts, touch display 5"
REKU-DRX-PLUS-500-V	Air handling unit DRX PLUS 500 V with a capacity of 500 m ³ /h with a set of wall mounts, touch display 5"
REKU-DRX-PLUS-600-V	Air handling unit DRX PLUS 600 V with a capacity of 600 m ³ /h with a set of wall mounts, touch display 5"
DRX	
REKU-DRX-300-H	Air handling unit DRX 300 H with a capacity of 350 m ³ /h with a set of wall mounts, touch display 4.3"
REKU-DRX-400-H	Air handling unit DRX 400 H with a capacity of 450 m ³ /h with a set of wall mounts, touch display 4.3"
REKU-DRX-500-H	Air handling unit DRX 500 H with a capacity of 550 m ³ /h with a set of wall mounts, touch display 4.3"
REKU-DRX-300-V	Air handling unit DRX 300 V with a capacity of 350 m ³ /h with a set of wall mounts, touch display 4.3"
REKU-DRX-400-V	Air handling unit DRX 400 V with a capacity of 450 m ³ /h with a set of wall mounts, touch display 4.3"
REKU-DRX-500-V	Air handling unit DRX 500 V with a capacity of 550 m ³ /h with a set of wall mounts, touch display 4.3"
REKU-DRX-300-H-E	Air handling unit DRX 300 H E with a capacity of 350 m ³ /h with a set of wall mounts, touch display 4.3", with enthalpy heat exchanger
REKU-DRX-400-H-E	Air handling unit DRX 400 H E with a capacity of 450 m ³ /h with a set of wall mounts, touch display 4.3", with enthalpy heat exchanger
REKU-DRX-500-H-E	Air handling unit DRX 500 H E with a capacity of 550 m ³ /h with a set of wall mounts, touch display 4.3", with enthalpy heat exchanger
REKU-DRX-300-V-E	Air handling unit DRX 300 V E with a capacity of 350 m ³ /h with a set of wall mounts, touch display 4.3", with enthalpy heat exchanger
REKU-DRX-400-V-E	Air handling unit DRX 400 V E with a capacity of 450 m ³ /h with a set of wall mounts, touch display 4.3", with enthalpy heat exchanger
REKU-DRX-500-V-E	Air handling unit DRX 500 V E with a capacity of 550 m ³ /h with a set of wall mounts, touch display 4.3", with enthalpy heat exchanger
DRX OPTI	
REKU-DRX-OPTI-300-H	Air handling unit DRX OPTI 300 H with a capacity of 350 m ³ /h with a set of wall mounts, touch display 4.3"
REKU-DRX-OPTI-400-H	Air handling unit DRX OPTI 400 H with a capacity of 450 m ³ /h with a set of wall mounts, touch display 4.3"
REKU-DRX-OPTI-500-H	Air handling unit DRX OPTI 500 H with a capacity of 550 m ³ /h with a set of wall mounts, touch display 4.3"
REKU-DRX-OPTI-300-V	Air handling unit DRX OPTI 300 V with a capacity of 350 m ³ /h with a set of wall mounts, touch display 4.3"
REKU-DRX-OPTI-400-V	Air handling unit DRX OPTI 400 V with a capacity of 450 m ³ /h with a set of wall mounts, touch display 4.3"
REKU-DRX-OPTI-500-V	Air handling unit DRX OPTI 500 V with a capacity of 550 m ³ /h with a set of wall mounts, touch display 4.3"
DRX F	
REKU-DRX-350-F	Air handling unit DRX 350 F with a capacity of 350 m ³ /h with a set of mounts, touch display 4.3" suspended
REKU-DRX-450-F	Air handling unit DRX 450 F with a capacity of 450 m ³ /h with a set of mounts, touch display 4.3" suspended
REKU-DRX-350-F-L	Air handling unit DRX 350 F L with a capacity of 350 m ³ /h with a set of mounts, touch display 4.3" suspended
REKU-DRX-450-F-L	Air handling unit DRX 450 F L with a capacity of 450 m ³ /h with a set of mounts, touch display 4.3" suspended
DRX C	
REKU-DRX-800-C	Air handling unit DRX 800 C with a capacity of 800 m ³ /h with a set of wall mounts, touch display 4.3"
REKU-DRX-1000-C	Air handling unit DRX 1000 C with a capacity of 1000 m ³ /h with a set of wall mounts, touch display 4.3"
REKU-DRX-1200-C	Air handling unit DRX 1200 C with a capacity of 1200 m ³ /h with a set of wall mounts, touch display 4.3"
DRX OPTI C	
REKU-DRX-OPTI-350-C	Air handling unit DRX OPTI 350 C with a capacity of 350 m ³ /h with a set of wall mounts, display
REKU-DRX-OPTI-450-C	Air handling unit DRX OPTI 450 C with a capacity of 450 m ³ /h with a set of wall mounts, display
DRX OPTI F	
REKU-DRX-OPTI-350-F	Air handling unit DRX OPTI 350 F with a capacity of 350 m ³ /h with a set of mounts, touch display 4.3" suspended
REKU-DRX-OPTI-450-F	Air handling unit DRX OPTI 450 F with a capacity of 450 m ³ /h with a set of mounts, touch display 4.3" suspended
REKU-DRX-OPTI-350-F-L	Air handling unit DRX OPTI 350 F L with a capacity of 350 m ³ /h with a set of mounts, touch display 4.3" suspended
REKU-DRX-OPTI-450-F-L	Air handling unit DRX OPTI 450 F L with a capacity of 450 m ³ /h with a set of mounts, touch display 4.3" suspended
DRX V S	
REKU-DRX-250-V-S	Air handling unit DRX 250 V S with a capacity of 200 m ³ /h with a set of wall mounts, touch display 4.3"
DRX OPTI V S	
REKU-DRX-OPTI-250-V-S	Air handling unit DRX OPTI 250 V S with a capacity of 200 m ³ /h with a set of wall mounts, touch display 4.3"

Osprzet do rekuperatorów

Index	Assortment
ST505LAN	ST-505 (LAN) internet communication module
WIFIRSINT	WiFi RS internet communication module
CZHR	Temperature and humidity sensor
RCZTHR	Radio humidity sensor for the DRX PLUS series recuperative heat exchangers
CZCO2	CO ₂ sensor with wired power supply for the DRX series recuperative heat exchangers
RCZCO2	Radio CO ₂ sensor with wired power supply for the DRX series recuperative heat exchangers
CZTEMPR	Temperature sensor, length 1.5 m NTC
HRV366-H300-S	Counter-flow heat exchanger HRV 300
ERV366-H300-S	Enthalpy counter-flow heat exchanger ERV 300
8075409	Angle waterless trap DN 40
2912301	Adapter dn 25 / dn 32 for waterless traps
8075414	Straight waterless trap
KMSH	Wall mounting bracket for recuperative heat exchanger H (2 pcs.)
KMSV	Wall mounting bracket for recuperative heat exchanger V (2 pcs.)
KMPV	Suspended mounting bracket for recuperative heat exchanger (4 pcs.)
KMST	Base for recuperative heat exchanger

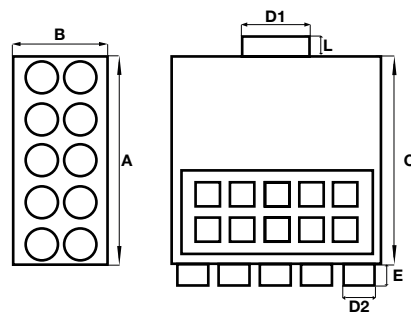
DRX V / DRX OPTI V		DRX H / DRX OPTI H / DRO V / DRO H	
FKPM5V	Filter M-5 445 x 171 x 48	FKPM5H	Filter M-5 445 x 231 x 48
FKWM5V	Carbon filter M-5 445 x 171 x 48	FKWM5H	Carbon filter M-5 445 x 231 x 48i
FKPF7V	Filter F-7 445 x 171 x 48	FKPF7H	Filter F-7 445 x 231 x 48
DRX PLUS H		DRX PLUS V	
FKPM5PH	Filter M-5 497 x 250 x 48	FKPM5PV	Filter M-5 497 x 230 x 48
FKWM5PH	Carbon filter M-5 497 x 250 x 48	FKWM5PV	Carbon filter M-5 497 x 230 x 48
FKPF7PH	Filter F-7 497 x 230 x 48	FKPF7PV	Filter F-7 497 x 230 x 48
DRX C		DRX OPTI C	
FKPM5C	Filter M-5 732 x 353 x 40	FKPM5OC	Filter M-5 402x187x48
FKWM5C	Carbon filter M-5 732 x 353 x 40	FKWM5OC	Carbon filter M-5 402x187x48
FKPF7C	Filter F-7 732 x 353 x 40	FKPF7OC	Filter F-7 402x187x48
DRX F / DRX FL / DRX OPTI F / DRX OPTI FL		DRX VS / DRX OPTI VS	
FKPM5F	Filter M-5 273 x 248 x 48	FKPM5VS	Filter M-5 295 x 115 x 48
FKWM5F	Carbon filter M-5 273 x 248 x 48	FKWM5VS	Carbon filter M-5 295 x 115 x 48
FKPF7F	Filter F-7 273 x 248 x 48	FKPF7VS	Filter F-7 295 x 115 x 48
FRESH PLUS DN200		DRT	
FKPM5FK	Filter M-5 350 x 298 x 48 for version FK	WF-DRT-V	Filter element for DRT 250 V DRT 350 V
FKWM5FK	Carbon filter M-5 350 x 298 x 48 for version FK	WF-DRT-H	Filter element for DRT 250 H DRT 350 H
FKPF7FK	Filter F-7 350 x 298 x 48 for version FK		
SACK FILTER FOR DIFFUSERS		EVAPORATION MAT	
FKA125	Sack filter for diffusers Dn 125		Evaporation mat for Wet Up 1.6 humidifier

Accessories for recuperative heat exchangers



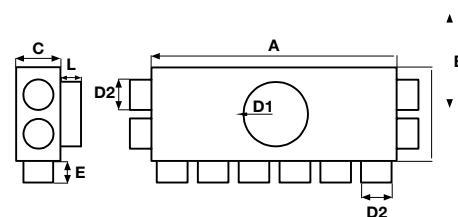
Article number	Assortment	Dimensions mm							
		A	B	C	D1	D2	E	L	
SK1x63/125	Plenum box with 1 connector, 1x63/125	201	161	83	125	63	53	330	
SK1x75/125	Plenum box with 1 connector, 1x75/125	201	161	92	125	75	53	330	
SK1x90/125	Plenum box with 1 connector, 1x90/125	201	161	107	125	90	53	330	
SK2x63/125	Plenum box with 2 connectors, 2x63/125	171	171	83	125	63	53	330	
SK2x75/125	Plenum box with 2 connectors, 2x75/125	181	201	92	125	75	53	330	
SK2x90/125	Plenum box with 2 connectors, 2x90/125	201	221	107	125	90	53	330	
SK3x63/125	Plenum box with 3 connectors, 3x63/125	171	256	83	125	63	53	330	
SK3x75/125	Plenum box with 3 connectors, 3x75/125	221	301	92	125	75	53	330	
SK1x75/125P	Plenum box with 1 connector, through 1x75/125P	201	152	101	125	75	53	330	
SK1x90/125P	Plenum box with 1 connector, through 1x90/125P	201	152	101	125	90	53	330	
SK2x63/125P	Plenum box with 2 connectors, through 2x63/125P	201	152	101	125	63	53	330	
SK2x75/125P	Plenum box with 2 connectors, through 2x75/125P	201	152	101	125	75	53	330	
SK2x90/125P	Plenum box with 2 connectors, through 2x90/125P	221	152	101	125	90	53	330	
SK3x63/125P	Plenum box with 3 connectors, through 3x63/125P	281	152	161	125	63	53	330	
SK3x75/125P	Plenum box with 3 connectors, through 3x75/125P	281	152	161	125	75	53	330	
SRTT75	Plenum box 2x 75/125 made of plastics	200	200	80	125	75	50	330	
SRTT90	Plenum box 1x 90/125 made of plastics	160	140	100	125	90	70	360	

Two-row pipe distributors



Article number	Assortment	Dimensions mm						
		A	B	C	D1	D2	E	L
SK6x75/200DIK	Two-row distributors with 6 sockets, insul. with flap 6x75/200D ik	301	222	301	200	75	53	50
SK6x90/200DIK	Two-row distributors with 6 sockets, insul. with flap 6x90/200D ik	356	242	321	200	90	53	50
SK8x75/200DIK	Two-row distributors with 8 sockets, insul. with flap 8x75/200D ik	401	222	301	200	75	53	50
SK8x90/200DIK	Two-row distributors with 8 sockets, insul. with flap 8x90/200D ik	471	242	321	200	90	53	50
SK10x63/200DIK	Two-row distributors with 10 sockets, insul. with flap 10x63/200D ik	501	222	301	200	63	53	50
SK10x75/200DIK	Two-row distributors with 10 sockets, insul. with flap 10x75/200D ik	501	222	301	200	75	53	50
SK10x90/200DIK	Two-row distributors with 10 sockets, insul. with flap 10x90/200D ik	601	242	321	200	90	53	50
SK12x63/200DIK	Two-row distributors with 12 sockets, insul. with flap 12x63/200D ik	601	222	301	200	63	53	50
SK12x75/200DIK	Two-row distributors with 12 sockets, insul. with flap 12x75/200D ik	601	222	301	200	75	53	50
SK12x90/200DIK	Two-row distributors with 12 sockets, insul. with flap 12x90/200D ik	701	242	321	200	90	53	50
SK14x63/200DIK	Two-row distributors with 14 sockets, insul. with flap 14x63/200D ik	701	222	301	200	63	53	50
SK14x75/200DIK	Two-row distributors with 14 sockets, insul. with flap 14x75/200D ik	701	222	301	200	75	53	50
SK16x63/200DIK	Two-row distributors with 16 sockets, insul. with flap 16x63/200D ik	801	222	301	200	63	53	50
SK16x75/200DIK	Two-row distributors with 16 sockets, insul. with flap 16x75/200D ik	801	222	301	200	75	53	50
SK18x63/200DIK	Two-row distributors with 18 sockets, insul. with flap 18x63/200D ik	901	222	301	200	63	53	50
SK18x75/200DIK	Two-row distributors with 18 sockets, insul. with flap 18x75/200D ik	901	222	301	200	75	53	50

Flat pipe distributors



Article number	Assortment	Dimensions mm						
		A	B	C	D1	D2	E	L
SK8x75/200	Flat distributor with 8 connectors 8x75/200	401	251	92	200	75	53	50
SK10x63/200	Flat distributor with 10 connectors 10x63/200	401	251	92	200	75	53	50
SK10x75/200	Flat distributor with 10 connectors 10x75/200	511	256	83	200	63	53	50
SK12x63/200	Flat distributor with 12 connectors 12x63/200	601	251	92	200	75	53	50
SK12x75/200	Flat distributor with 12 connectors 12x75/200	511	256	83	200	63	53	50
SK12x63/200KW	Flat distributor with 12 connectors, square 12x63/200KW	601	301	92	200	75	53	50
SK12x75/200KW	Flat distributor with 12 connectors, square 12x75/200KW	256	256	83	200	63	53	50
SK14x63/200	Flat distributor with 14 connectors 14x63/200	301	301	92	200	75	53	50
SK14x75/200	Flat distributor with 14 connectors 14x75/200	251	591	83	200	63	53	50
SK16x63/200	Flat distributor with 16 connectors 16x63/200	251	701	92	200	75	53	50
SK16x75/200	Flat distributor with 16 connectors 16x75/200	256	431	83	200	63	53	50
SK18x63/200	Flat distributor with 18 connectors 18x63/200	301	501	92	200	75	53	50
SK18x75/200	Flat distributor with 18 connectors 18x75/200	256	511	83	200	63	53	50

	Article number	Assortment	Dimensions mm						
			A	B	C	D1	D2	E	L
	SK1x75TYPA	Single offset 1x75 TYPE A	370	180	85	54	120	53	75
	SK1x75TYPB	Single offset 1x75 TYPE B	360	120	85	44	140	53	75
	SK1x75TYPC	Single offset 1x75 TYPE C	480	120	85	44	260	53	75
	SK2x75TYPA	Double offset 2x75 TYPE A	460	221	85	44	260	53	75

Article number	Assortment	Dimensions mm		
		D1	D2	D3
TPC-200-90	Galvanised tee dn 200/90 deg.	200	360	140
TSV-200-45	Galvanised tee dn 200/45 deg.	200	360	140
NS-200	Nipple kit, galvanised dn 200	200	100	-
MSF-200	Joint kit, galvanised dn 200	200	100	-
DPO07/200	Adjustable elbow (45-90 deg.) 200	200	250	-
BP-200-90	Galvanised elbow dn 200/90 deg.	250	300	-
BP-200-45	Galvanised elbow dn 200/45 deg.	200	250	-
DAR-200	Control damper DAR 200	-		

Article number	Assortment
CLDS203	Flexible conductor with thermal and sound insulation - insul. 25mm 203 mm/10 lin.m.
AKU1200/1.0	Flexible damper, stretches, (nipple/nipple) - length 1.0 mm dia. 200 mm
QIP215	Stainless steel metal band 215 mm (100 pieces)
FB-17-06	Perforated tape 17mm x 0.6 mm L=25 lin.m.
ALU05OR	Aluminum tape 50mm x 45 m reinforced
CLRL200	Clamp for pipes with rubber CLRL 200
CLRL250	Clamp for pipes with rubber CLRL 250

Mounting parts

	Article number	Assortment
	DSAV200B	Aluminum intake vent/exhaust vent, black painted, with grille and mesh 200 mm
	DSAV250B	Aluminum intake vent/exhaust vent, black painted, with grille and mesh 250 mm
	DSAV200C	Aluminum intake vent/exhaust vent, silver painted, with grille and mesh 200 mm
	DSAV250C	Aluminum intake vent/exhaust vent, silver painted, with grille and mesh 250 mm
	DSAV10.200	Aluminum intake vent/exhaust vent with grille and mesh 200 mm
	DSAV10.250	Aluminum intake vent/exhaust vent with grille and mesh 250 mm
	VLA200	Chromium-nickel intake vent/exhaust vent VLA dn 200 mm with drip edge profile and mesh
	VLA250	Chromium-nickel intake vent/exhaust vent VLA dn 250 mm with drip edge profile and mesh
	DPO17/250	Reducer (air diffuser/converging pipe) 250/200

Diffusers

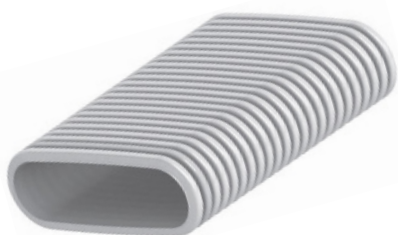
	Article number	Assortment
	REGA-EV-125	Exhaust air valve DVS 125 mm
	REGA-SV-125	Supply air valve DVS-P 125 mm
	SVF-125R	Supply air valve SVF 125 mm with frame
	EVF-125R	Exhaust air valve EVF 125 mm with frame
	DVSR125	Exhaust air valve DVSR 125 mm
	DVSR125	Supply air valve DVSR 125 mm
	DKT125	Mounting bezel with gasket dn 125 mm
	DIN125RP	Circular damper adjustable 125 mm for plenum box










PE pipe and fixtures



Article number	Assortment
7A6300741050	Vent pipe 63 mm circ. 50 lin.m. antibacterial
7A7500741050	Vent pipe 75 mm circ. 50 lin.m. antibacterial
7A9000741050	Vent pipe 90 mm circ. 50 lin.m. antibacterial
NDCR63	Knife for pipes cutting dn 63
NDCR75	Knife for pipes cutting dn 75
NDCR90	Knife for pipes cutting dn 90
SK05/DN63	Blind stopper 63 mm
SK05/DN75	Blind stopper 75 mm
SK05/DN90	Blind stopper 90 mm
SK05/DN125	Blind stopper 125 mm
SK03/DN63	Equal sleeve 63 mm
SK03/DN75	Equal sleeve 75 mm
SK03/DN90	Equal sleeve 90 mm
SK06/DN63	Gasket 63 mm
SK06/DN75	Gasket 75 mm
SK06/DN90	Gasket 90 mm
990322152	Elbow 90/75
990322153	Elbow 90/90

Flat and EPP system



	Article number	Assortment
	990328063	Flat duct 51 x 138 mm coil 50 m
	990328002	Flat duct 51 x 138 mm coil 20 m
	220400600	Insulation of duct flat 51 th. 5 mm coil 20 m
	990322014	Flat sleeve for duct flat 51 with gasket
	990322012	Elbow flat 51 H horizontal 90° for duct flat 51 with gaskets
	990322011	Elbow flat 51 V vertical 90° for duct flat 51 with gaskets
	990322013	Penetration from dn 90/75 to duct flat 51 with gaskets
	990322046	Penetration from dn 90 to duct flat 51 angle 90° with gaskets
	990322150	Penetration from flat 51 to dn 2x75 with gaskets
	990322154	Penetration 2 x flat 51 with gaskets
	990328252	Blind stopper flat 51

	990322060	Circular, side plenum box for duct flat 51 at an angle of 90° with a gasket, mounting: on wall, on floor or on the ceiling
	990322061	Circular straight plenum box for flat 51 duct with a gasket
	990322000	Plenum box for duct flat 51 at an angle of 90° with a gasket, mounting: on wall, on floor or on the ceiling
	990322081	Decorative grille Roma 350 x 130 mm stainless steel
	990322085	Decorative grille Torino 350 x 130 mm stainless steel
	990322087	Decorative grille Venezia 350 x 130 mm stainless steel
	990328352	Gasket flat 51 (10 pcs.)
	990326022	Locking bolt flat 51
	990322016	Clamp flat 51
	990328696	Air duct EPP DN 200 L=1000mm
	990328697	Air elbow EPP dn 200 45°
	990328762	Connector for EPP ducts dn 200
	990328698	Sleeve for EPP ducts dn 200

Recommendations and applicable

No.	Room type	Normative values (minimum)		Recommended values
		Exhaust air stream [m³/h]	Air change rate [l/h]	Krotność wymiany powietrza [l/h]
		A		B
Use the bigger of the values from columns A or B				
1.	Closed kitchen with gas range	-	70	2
2.	Open kitchen with gas range	-	70	2
3.	Open kitchen with electric range	-	50	2
4.	Bathroom	-	50	2 - 3
5.	Toilet	-	30	2 - 3
6.	Entrance vestibule, walk-in wardrobe, pantry	-	15	1
7.	Staircase, hall	-	-	-
8.	Laundry room, drying room	-	50	2
9.	Room, living room, bedroom, office	20 / pers.	-	1
10.	Garage, boiler room, utility room	Not applicable to the heat recovery system for this type of rooms, gravity ventilation		

Ducts performance table

Ducts performance table				
diameter	Number of channels	2 m/s	2.5 m/s	3 m/s
63	1 channel	14,7 m³/h	18,2 m³/h	22,1 m³/h
	2 channels	29,4 m³/h	36,8 m³/h	44,2 m³/h
	3 channels	44,1 m³/h	55,1 m³/h	66,2 m³/h
75	1 channel	21 m³/h	26,3 m³/h	31,6 m³/h
	2 channels	42,1 m³/h	52,6 m³/h	63,1 m³/h
	3 channels	63,1 m³/h	78,9 m³/h	94,6 m³/h
90	1 channel	31,8 m³/h	39,7 m³/h	47,7 m³/h
	2 channels	63,6 m³/h	79,5 m³/h	95,4 m³/h
flat	1 channel	30 m³/h	37 m³/h	45 m³/h



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Visualizations and dimensions of products in the catalog are for reference only.

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