

WANAS[®]

**LIGHT
QUIET
SMALL
TWO-SIDED
ECONOMICAL**



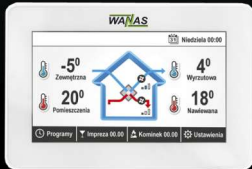
WANAS BLACK

**RECUPERATORS DESIGNED FOR SMALL
HOUSES AND FLATS**

CHOOSE YOUR CONTROL SYSTEM - CHOOSE YOUR OPTIONS

BLACK RECUPERATORS ALSO HAVE A NEW CONTROL SYSTEM

DISPLAY V2



- BUILT-IN XF SYSTEM
- COLOUR DISPLAY
- HUMIDIFIER CONTROL
- USB PORT FOR UPDATES
- GROUND-COUPLED HEAT EXCHANGER CONTROL
- HEATER/COOLER CONTROL
- FIRE CONTROL INPUT
- MODBUS RTU PROTOCOL
- CAN BE EXPANDED WITH THE miniControl HUMIDITY SENSOR
- CAN BE EXPANDED TO INCLUDE INTERNET CONTROL

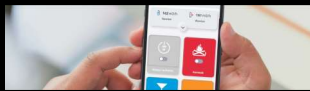
NEW! DISPLAY V3



- KEY FUNCTIONS AT YOUR FINGERTIPS
- HEATER/COOLER CONTROL
- INTERNET CONTROL
- UPDATING VIA INTERNET
- MODBUS RTU PROTOCOL
- BUILT-IN HUMIDITY SENSOR
- CAN BE EXTENDED WITH THE FOLLOWING:
 - GROUND-COUPLED HEAT EXCHANGER CONTROL
 - EXTRA TEMP SENSOR CONTROL
 - HUMIDIFIER CONTROL

KNOW DISPLAY V3

MINIMALIST CONTROLLER WILL ALLOW YOU TO USE ALL THE MOST IMPORTANT FUNCTIONS OF YOUR RECUPERATOR



READ ALERTS AND NOTIFICATIONS



DURATION OF THE PARTY MODE



WI-FI CONNECTION



PARTY MODE



PAIR YOUR DEVICE VIA BLUETOOTH

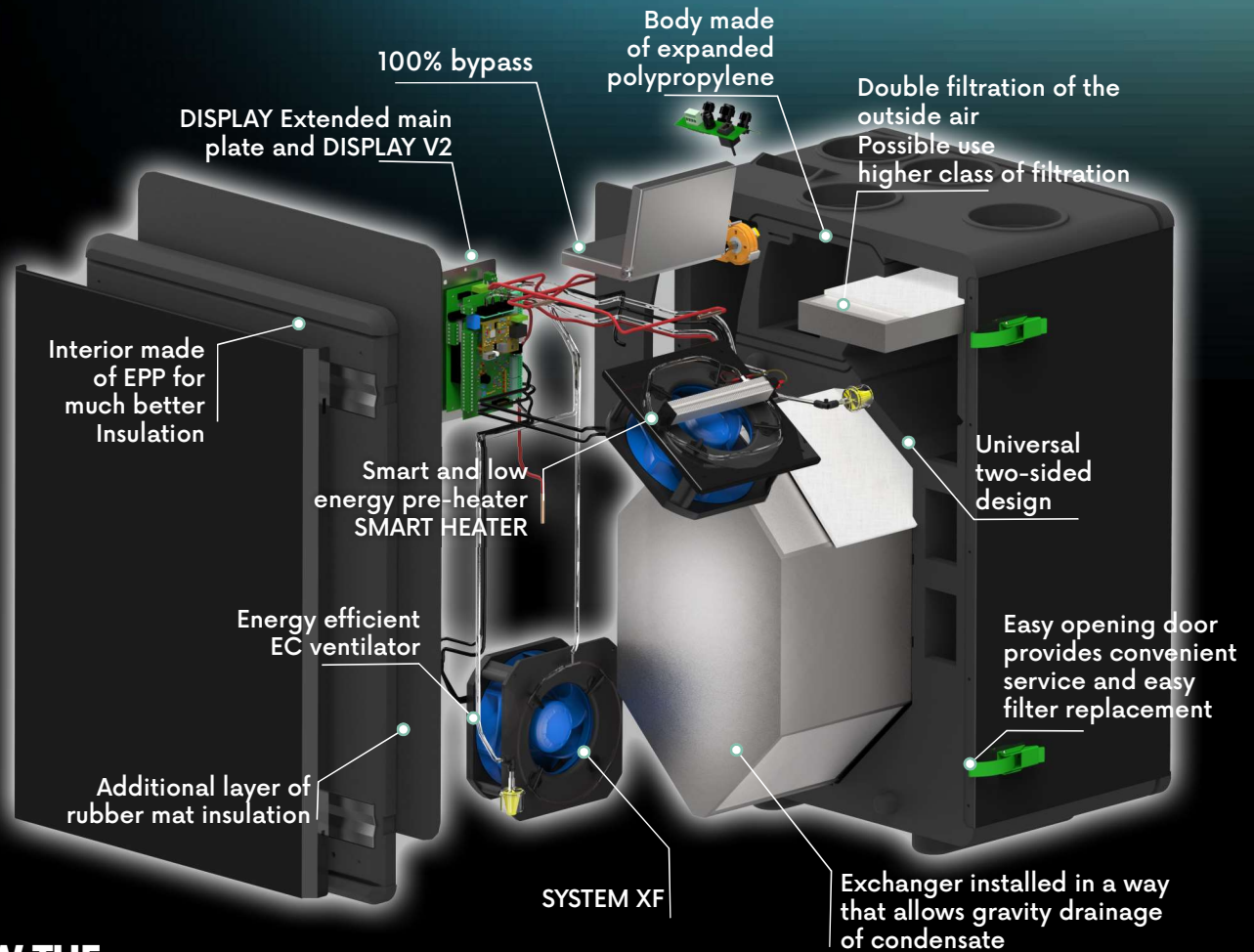


TEMPORARY SHUTDOWN OF FANS

FIREPLACE MODE



WANAS BLACK XF



KNOW THE ADVANTAGES

- MODERN DESIGN
- UNIVERSAL - TWO-SIDED DESIGN OF THE RECUPERATOR (RIGHT/LEFT)
- ULTRA QUIET UNIT - ONLY 46 dBA MEASURED AT 1 M DISTANCE
- HIGH THERMAL EFFICIENCY OF UP TO 93.5%
- EXTREMELY LIGHTWEIGHT UNIT - RECUPERATOR WEIGHS ONLY 29.5 KG
- TRULY ECONOMICAL - LOW FAN POWER CONSUMPTION
- EXCELLENT INSULATION - BODY MADE OF EPP
- POSSIBILITY OF CONCEALED INSTALLATION, E.G. IN A LINE OF FURNITURE

BLACK SERIES RECUPERATORS ARE THE FIRST WANAS AIR-HANDLING UNITS WITH A BODY MADE ENTIRELY OF DURABLE EXPANDED POLYPROPYLENE. THANKS TO THE USE OF MODERN TECHNOLOGY, THE RECUPERATOR HAS EXCEPTIONAL INSULATION AND THERMAL PROPERTIES. THE OVERALL DESIGN AND THE POSITIONING OF THE FANS RESULTS IN EXCEPTIONALLY QUIET OPERATION.



MODERN
DISPLAY



3 ALGORITHMS
ANTI-FROST



AUTOMATICALLY
MODULATED
HEATER



AUTOMATIC
FLOW
BALANCING

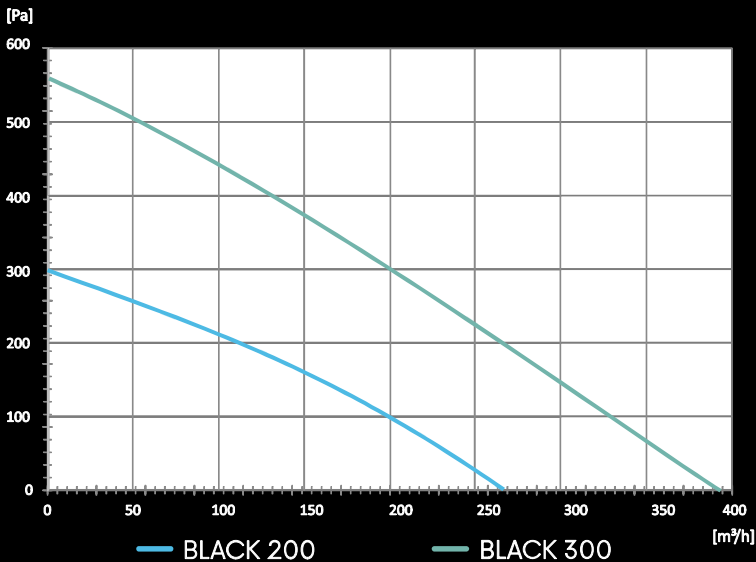


AUTOMATIC
100% BYPASS

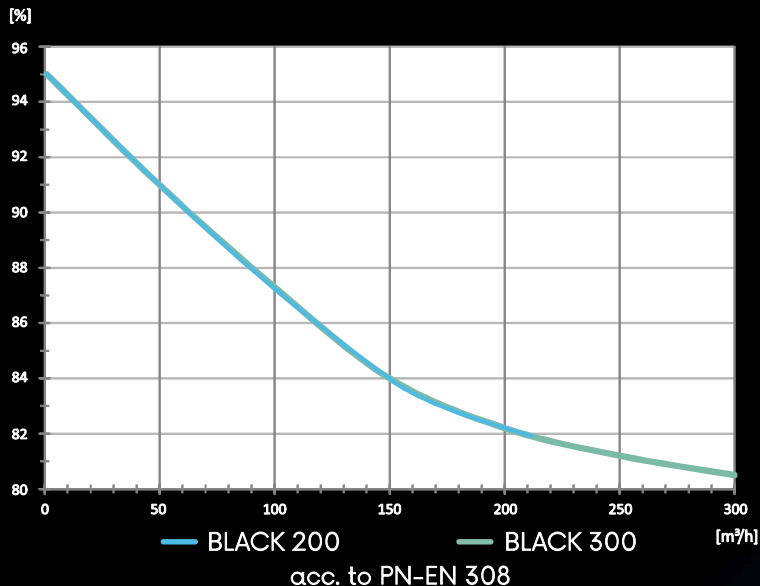


PROTOCOL
COMMUNICATION

EFFICIENCY / FLOW RATE



EXTERNAL STATIC PRESSURE / FLOW RATE



PARAMETERS

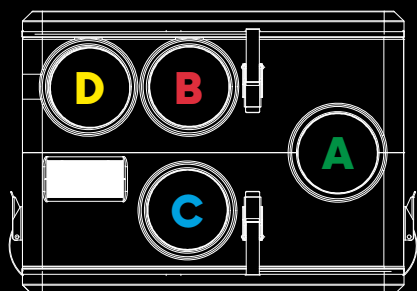
BLACK 200V

BLACK 300V

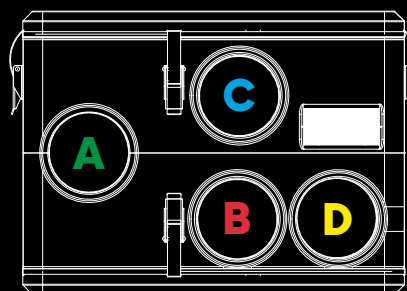
| | | | |
|---|----------------------------|--------|--------|
| UEC (unit energy consumption) class | - | A | A |
| UEC for moderate climate | kWh/(m ² /year) | -37,41 | -34,17 |
| UEC for cool climate | kWh/(m ² /year) | -74,89 | -70,87 |
| UEC for warm climate | kWh/(m ² /year) | -13,31 | -10,52 |
| Max. flow rate (at 100 Pa) | m ³ /h | 200 | 332 |
| External static pressure at nominal value | Pa | 100 | 150 |
| Acoustic power (gear I/ acc. to UE 1254/2014) | dB(A) | 39/46 | 42/55 |
| Energy consumption | W | 16-84 | 25-208 |
| Pre-heater power | W | 500 | 500 |
| Power supply | V/Hz | 230/50 | 230/50 |
| Stub pipe diameter | mm | 125 | 125 |
| Max. efficiency acc. to UE 1254/2014, $\zeta T=13^{\circ}C$, at 120 m ³ /h, SWM | % | 93,5 | 93,5 |
| Efficiency acc. to UE 1254/2014, $dT=13^{\circ}C$, SWM | % | 84,5 | 81,5 |
| Height | mm | | 870 |
| Width | mm | | 581 |
| Depth | mm | | 430 |
| Weight | kg | | 29,5 |

Filter class

ISO COARSE 75%
+ ePM 10 50%



STANDARD VERSION



LEFT VERSION

- A - external fresh air
- B - air extraction from rooms
- C - air supply to rooms
- D - spent air discharge to the outside

WANAS[®]

**Wybieraj
Polskie**