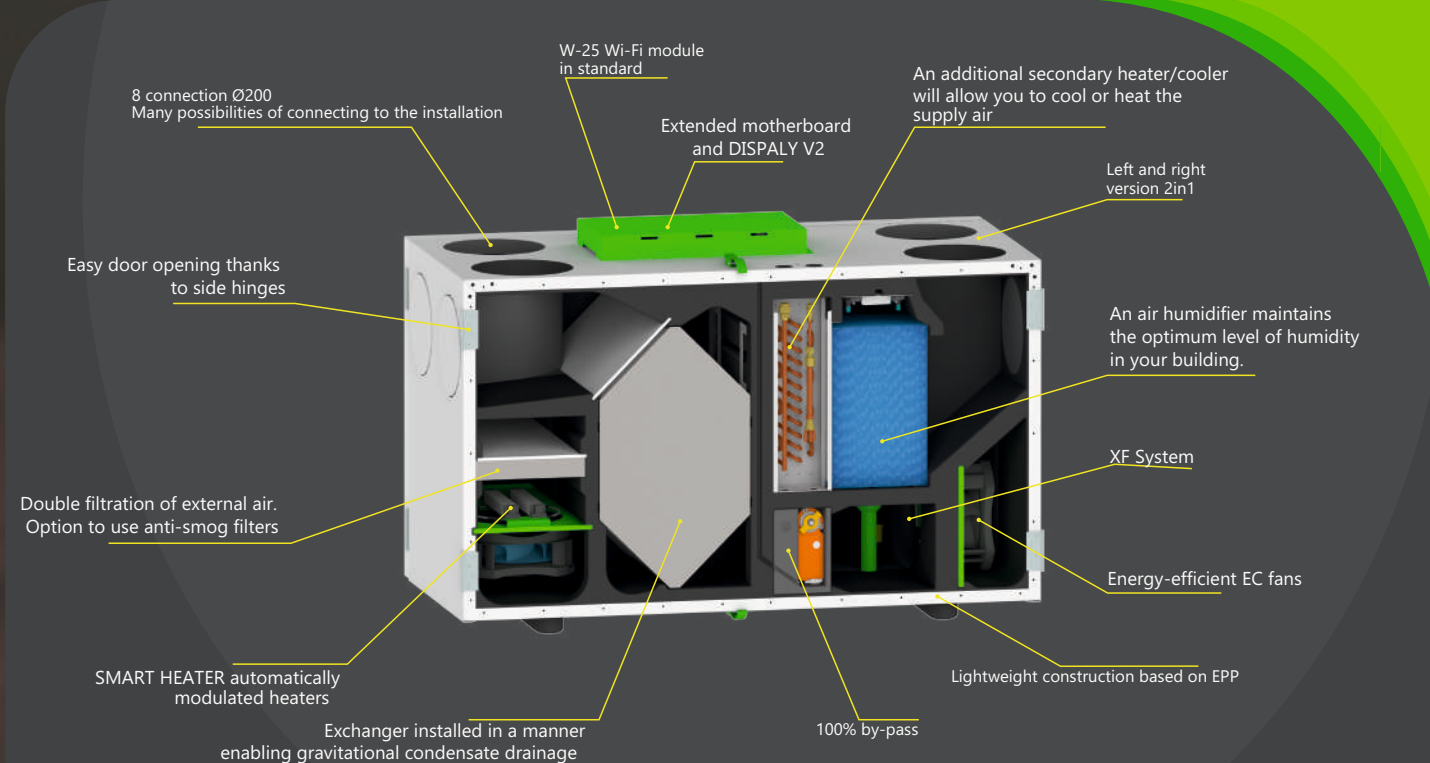




AUTOMATIC FLOW BALANCING. XF SYSTEM

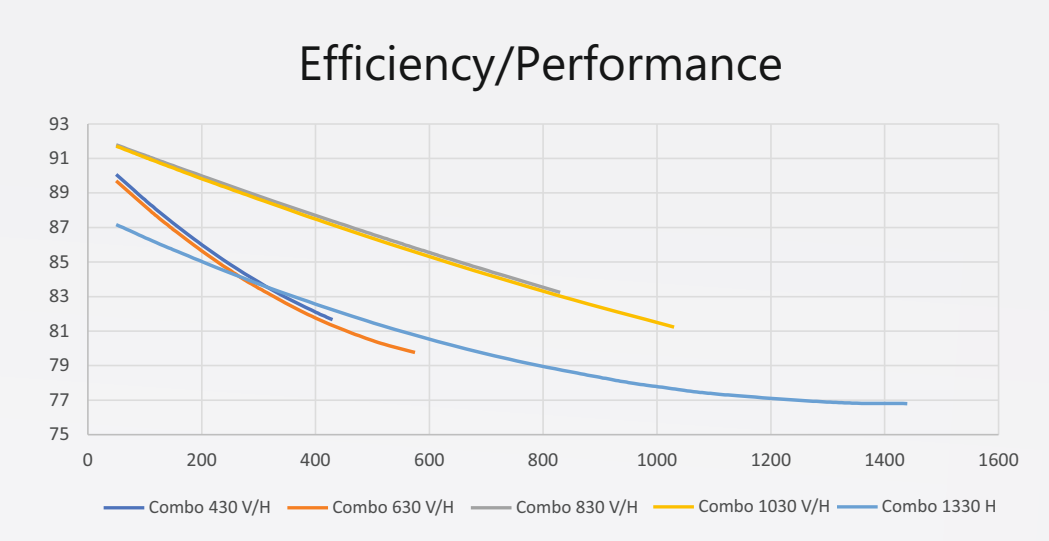
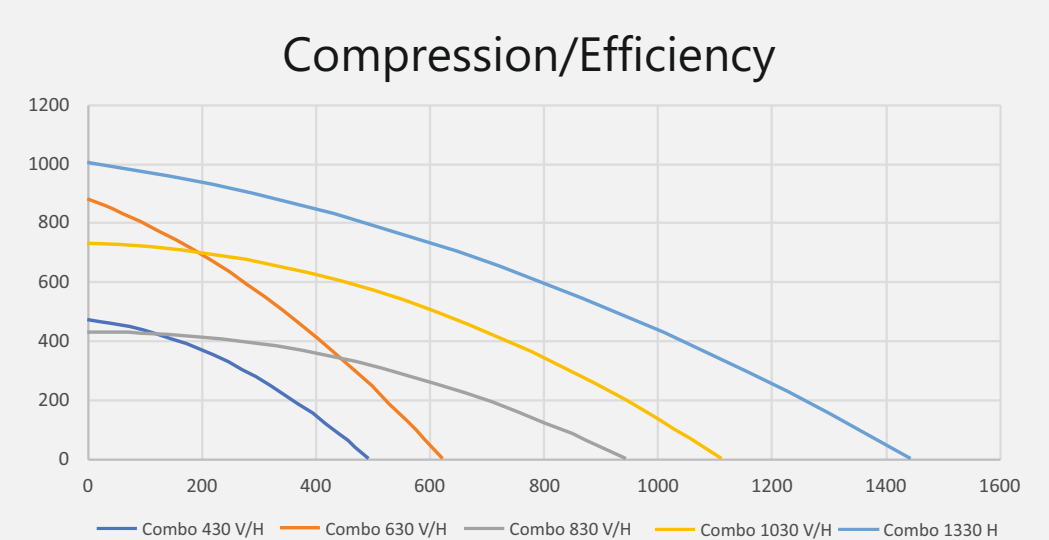
AUTOMATIC 100% BY-PASS

COMMUNICATION MODBUS PROTOCOL

SMART HEATER AUTOMATICALLY MODULATED HEATER

3 ANTI-FREEZE ALGORITHMS

DISPLAY V2 CONTROLLER



COMBO SMART VENTILATION



WANAS Sp. z o.o.
4 C Miłocińska St.
35-232 Rzeszów, Poland

www.wanas.pl
export@wanas.pl
+48 570 947 020

A UNIQUE COMBINATION OF
FOUR FUNCTIONS IN ONE DEVICE



VENTILATION

HUMIDIFYING

COOLING

HEATING

• The latest series of **COMBO** recuperators is a unique combination of devices necessary to ensure comfort in your home. The innovative design of the recuperator and the use of high-efficiency heat exchangers ensure **thermal efficiency** . Additional advantages include exceptionally **quiet operation** and **low energy consumption** .

• Thanks to the creative approach of our engineers, **the new recuperators are not just about ventilation**. An evaporative humidifier is used inside the air handling unit to maintain the appropriate level of humidity in rooms, especially during winter. The recuperator is equipped with a humidity and temperature sensor – maxiControl, which enables wireless reading and adjustment of room humidity.

• In addition, each recuperator can be expanded with a heating/cooling module, which allows the recuperator to be connected to an available source of heat or cooling. This allows us to additionally **cool or heat the air** supplied to the rooms. It is an ideal solution for houses heated with a heat pump.

SELECT THE COMBO RECUPERATOR NOW AND EXPAND THE DEVICE WITH THE SELECTED HEATER/COOLER MODULE, WHICH YOU CAN ALSO ADD DURING USE!

Dedicated to COMBO 430/630



WATER EXCHANGER
WANAS 334, 3,1 kW



FREON EXCHANGER
R32 WANAS 334, 3,0 kW

Dedicated to COMBO 830/1030/1330



WATER EXCHANGER
WANAS 444, 7,3 kW



FREON EXCHANGER
R32 WANAS 444, 5,2 kW

ADVANTAGES:

- compact housing – 4 in 1 device saves space
- completely universal design of 430 and 630 units - you can choose between left or right side and vertical or horizontal versions on site
- units 830 and 1030 allow you to choose between vertical or horizontal connection layout
- lower price of the device compared to separately purchased devices
- cheaper and much faster installation of the recuperator
- exceptionally aesthetic installation
- lower installation resistance compared to individual devices
- easy installation configuration and shorter start-up time
- each device is equipped with the XF system – automatic balancing of the installation by measuring the supply and exhaust air flow

AVAILABLE OPTIONS:

WANAS COMBO 430 V/H

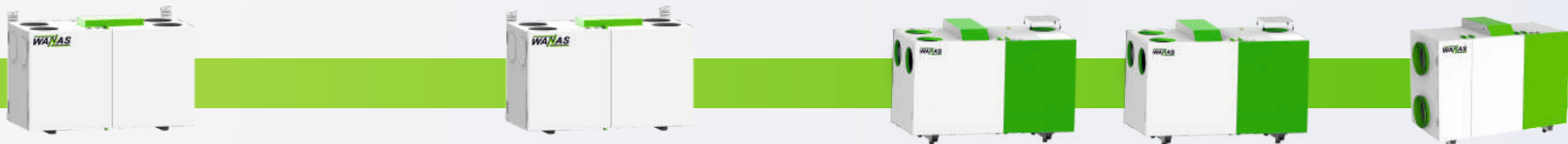
WANAS COMBO 630 V/H

WANAS COMBO 830 V/H

WANAS COMBO 1030 V/H

WANAS COMBO 1330 H

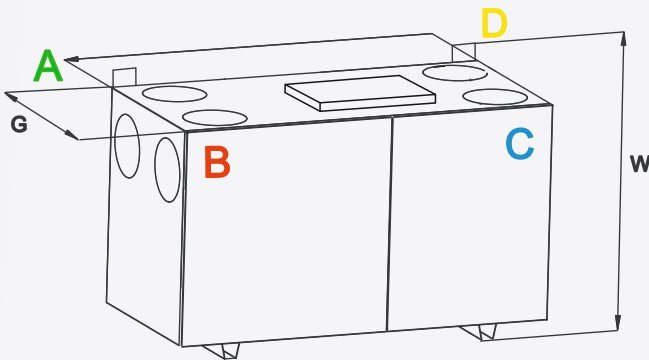
Technical specifications



		430 V/H	630 V/H	830 V/H	1030 V/H	1330 H
Maximum flow rate at 100 Pa	m³/h	430	575	830	1030	1330
Ventilated area up to	m²	195	260	375	465	600
Energy efficiency class	–	A		A		A
Efficiency up to	%	90		92		87
Energy consumption	W	18-197	18-337	37-371	33-670	27-674
Preheater power	W	1000		2000		3000
Diameter of connections	mm	200		250		315
Acoustic power level Gear I	dB(A)	36		42	41	34
Filtration class	–	ISO COARSE 75% + ePM 10 50%		ISO COARSE 75%		
Weight	kg	59		155,5	158	163
Exchanger type	–	plastic		plastic		aluminium
Automatic	–	V2		V2		V2
Wall controller	–	yes		yes		yes
XF system	–	yes		yes		yes
Inernet module Wi-Fi	–	yes		yes		yes
Painted interior	–	no		yes		yes
Casing	–	steel		steel		
Body insulation	–	EPP		rubber mat		
Width (S)	mm	1201		1563		1432
Height (W)	mm	815		1085		1181
Depth (G)	mm	614		766		740

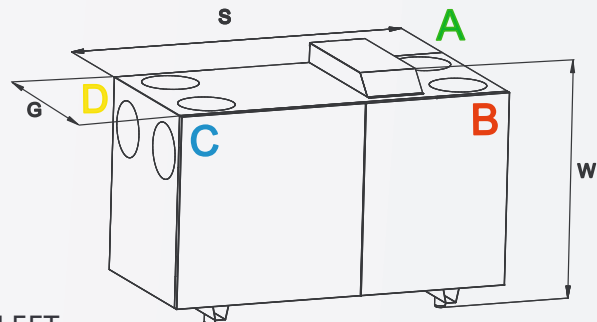
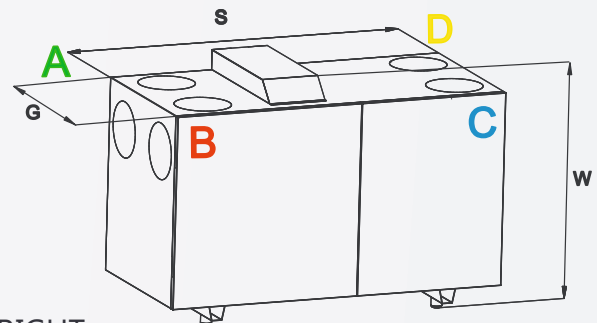
*Energy efficiency class calculated after applying local demand-based control.

430 V/H 630 V/H



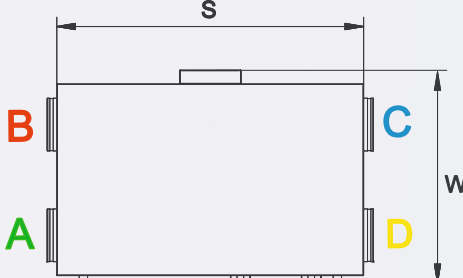
RIGHT/LEFT

830 V/H 1030 V/H

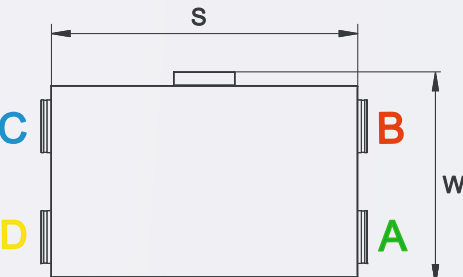


LEFT

1330 H

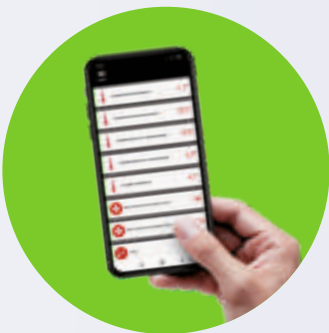


RIGHT



LEFT

Internet control included as standard



A – air taken from outside the building
B – air taken from rooms
C – air supplied to rooms
D – air discharged outside the building