

LATEST SERIES
COMBO

WANAS[®]

4in1 AIR HANDLING UNITS • HUMIDIFIER • HEATER-COOLER
ONE-OF-A-KIND SOLUTION



VENTILATION



MOISTURIZING



COOLING



WARMING

A UNIQUE COMBINATION OF UP TO FOUR
FUNCTIONS IN ONE DEVICE

Warm the air in winter, cool it in summer, and keep
the house moist all year round.

ADVANTAGE:

- COMPACT HOUSING - A 4-in-1 DEVICE SAVES SPACE
- LOWER PRICE OF THE DEVICE COMPARED TO THE DEVICE PURCHASED SEPARATELY
- MORE COST-EFFECTIVE AND FASTER INSTALLATION OF THE RECUPERATOR
- EXCEPTIONALLY AESTHETIC INSTALLATION
- LOWER INSTALLATION RESISTANCE COMPARED TO INDIVIDUAL DEVICES
- EASY INSTALLATION SETUP AND SHORT STARTUP TIME

AVAILABLE OPTIONS:

CHOOSE COMBO LIGHT RECUPERATOR NOW AND EXPAND YOUR DEVICE WITH A HEATER-COOLER MODULE!

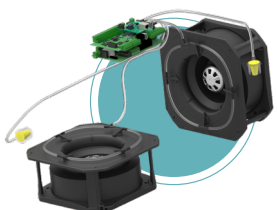
- LIGHT - RECUPERATOR + HUMIDIFIER
- PRESTIGE - RECUPERATOR + HUMIDIFIER + HEATER-COOLER

CHOOSE THE DEVICE WITH THE XF SYSTEM - AUTOMATIC BALANCING OF THE INSTALLATION BY MEASURING SUPPLY AND EXTRACT AIR.

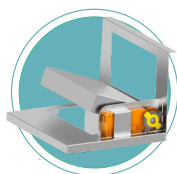
- WANAS 430V COMBO XF
- WANAS 430H COMBO XF

- WANAS 630V COMBO XF
- WANAS 630H COMBO XF

- 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 highly efficient heat exchangers ensure high thermal efficiency. Additional advantages include extremely quiet operation and low energy consumption.
- With the creative approach of our engineers, new recuperators are much more than just ventilation. Inside the air handling unit, an evaporative humidifier is used to maintain an appropriate level of humidity in the rooms, especially in winter. As a standard, the recuperator is equipped with a humidity and temperature sensor - miniControl for wireless reading of ambient humidity.
- Additionally, the recuperator in the PRESTIGE option is equipped with a heater-cooler module, which makes it possible to combine the recuperator with an available source of heat or cold. It additionally cools or heats up the air supplied to the rooms. It is an ideal solution for houses heated using a heat pump.



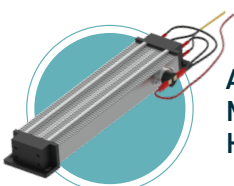
**AUTOMATIC
BALANCING
FLOW**



**AUTOMATIC
100% BYPASS**



**PROTOCOL
COMMUNICATION**



**AUTOMATICALLY
MODULATED
HEATER**

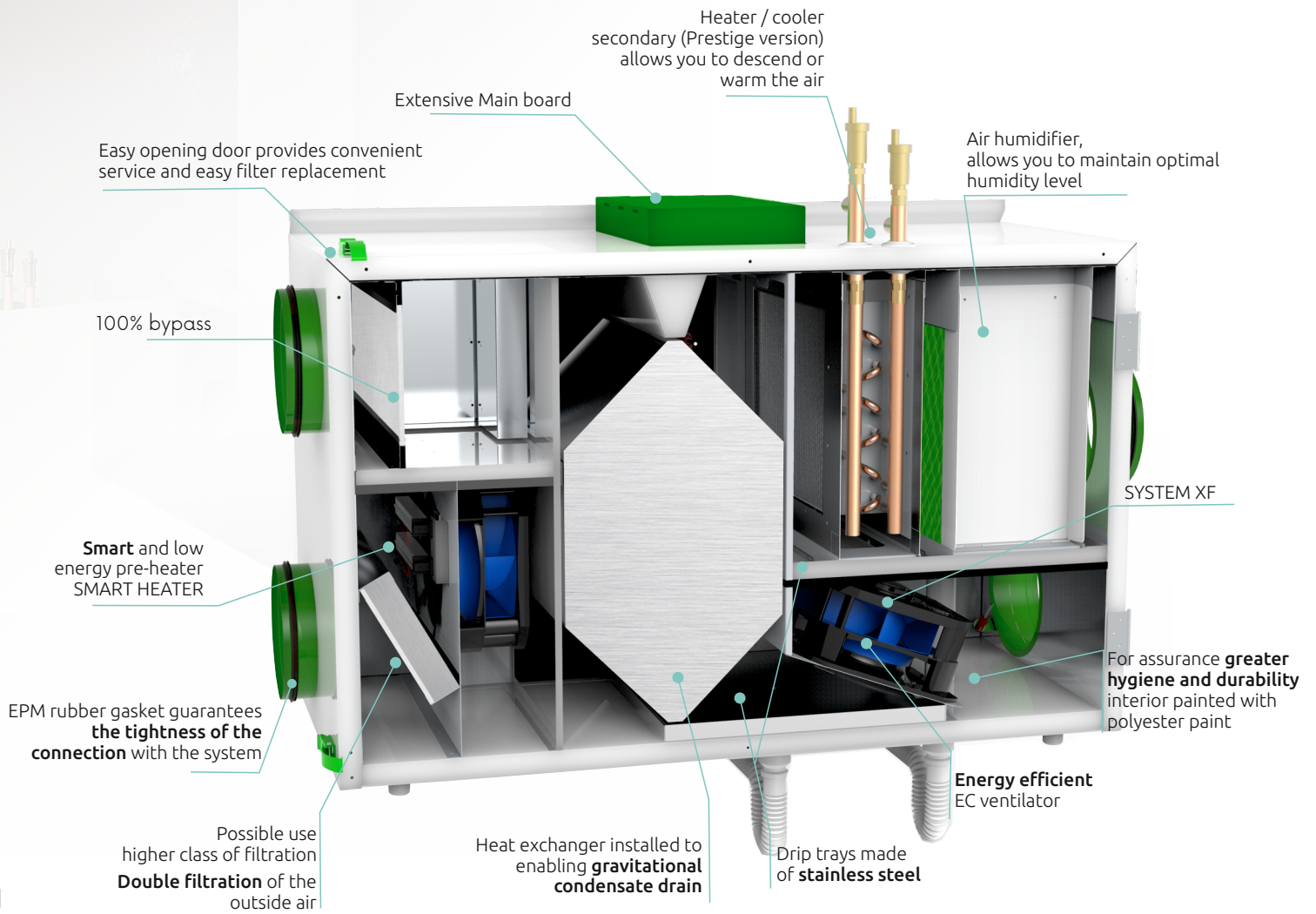


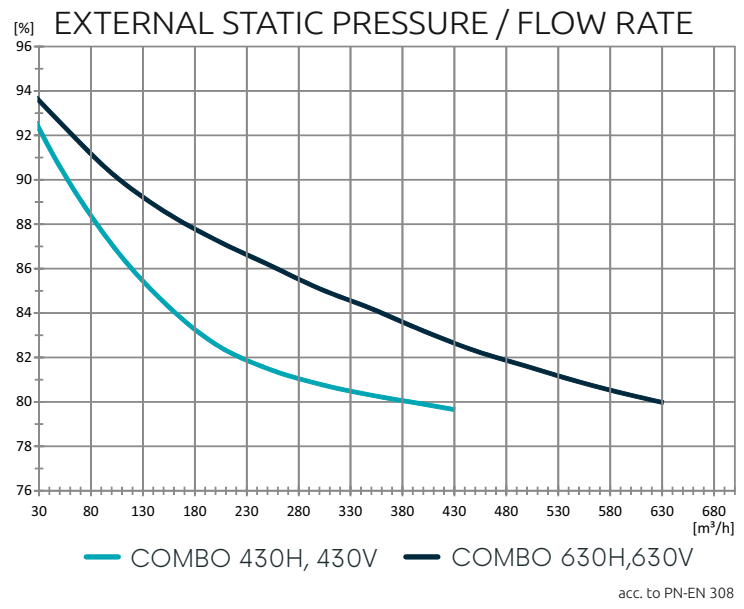
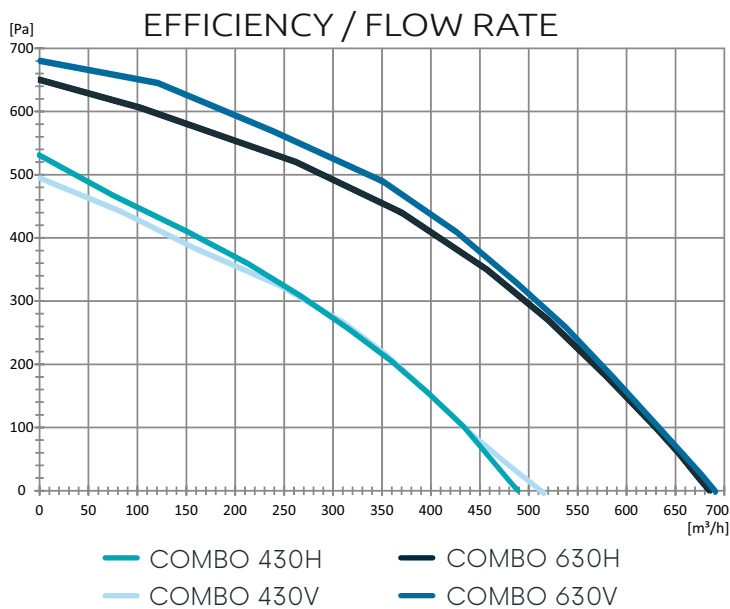
**3 ALGORITHMS
ANTI-FROST**



**CONTROLLER
DISPLAY V2**

COMBO





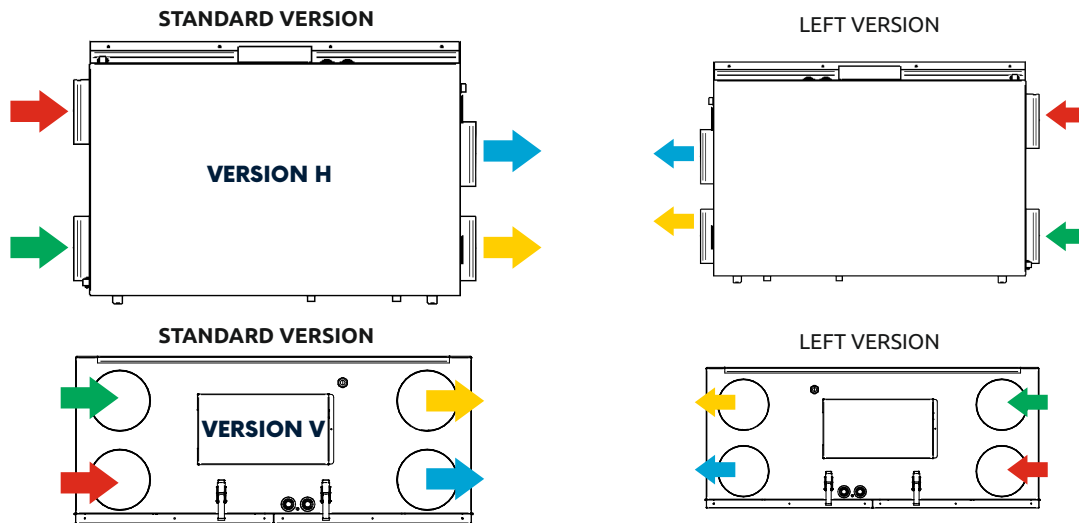
acc. to PN-EN 308

PARAMETERS

		430 V	630V	430 H	630H
UEC (unit energy consumption) class	-	A	A	A	A
UEC for moderate climate	kWh/(m ² /year)	-37,37	-38,21	-37,37	-38,21
UEC for cool climate	kWh/(m ² /year)	-73,89	-75,15	-73,89	-75,15
UEC for warm climate	kWh/(m ² /year)	-13,82	-14,43	-13,82	-14,43
Max. flow rate (at 100 Pa)	m ³ /h	432	632	432	632
Acoustic power (gear I/ acc. to UE 1254/2014)	dB(A)	39/48	40/55	39/48	40/55
Energy consumption	W	30-155	30-274	30-155	30-274
Nominal water consumption	l/h	2,8	2,8	2,8	2,8
Pre-heater power	W	1 000	1 000	1 000	1 000
Secondary heater power	W	1 000	1 000	1 000	1 000
Energy consumption of the humidifier	W	2-18	2-18	2-18	2-18
Power supply	V/Hz	230/50	230/50	230/50	230/50
Stub pipe diameter	mm	200	200	200	200
Diameter of the water socket	cal	3/4	3/4	3/4	3/4
Max. efficiency acc. to UE 1254/2014, ΔT=13°C, at 200 m ³ /h, SWM	%	82,6	87,3	82,6	87,3
Efficiency acc. to UE 1254/2014, dT=13°C, SWM	%	80,8	82,4	80,8	82,4
Maximum heating power	kW	840	840	800	800
Maximum cooler power	kW	1300	1300	1253	1253
Height/Width/Depth	mm	545	545	547	547
Weight	kg	95	103	89	88

Filter class

ISO COARSE 75% + ePM 10 50%



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



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WANAS 430 COMBO

AIR HANDLING UNITS HUMIDIFIER HEATER-COOLER