

LATEST SERIES  
COMBO

WANAS®

4w1

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:

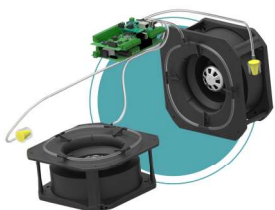
CHOOSE COMBO LIGHT RECUPERATOR NOW AND EXPAND YOUR DEVICE WITH A HEATER-COOLER MODULE!

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

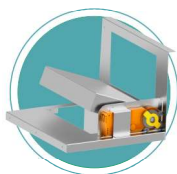
CHOOSE THE DEVICE WITH THE XF SYSTEM - AUTOMATIC BALANCING OF THE INSTALLATION BY MEASURING SUPPLY AND EXTRACT AIR.

- WANAS COMBO 430 LIGHT\_XF
- WANAS COMBO 430 PRESTIGE\_XF
- WANAS COMBO 630 LIGHT\_XF
- WANAS COMBO 630 PRESTIGE\_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.



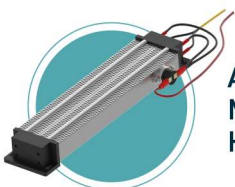
**AUTOMATIC  
BALANCING  
FLOW**



**AUTOMATIC  
100% BYPASS**



**PROTOCOL  
COMMUNICATION**



**AUTOMATICALLY  
MODULATED  
HEATER**

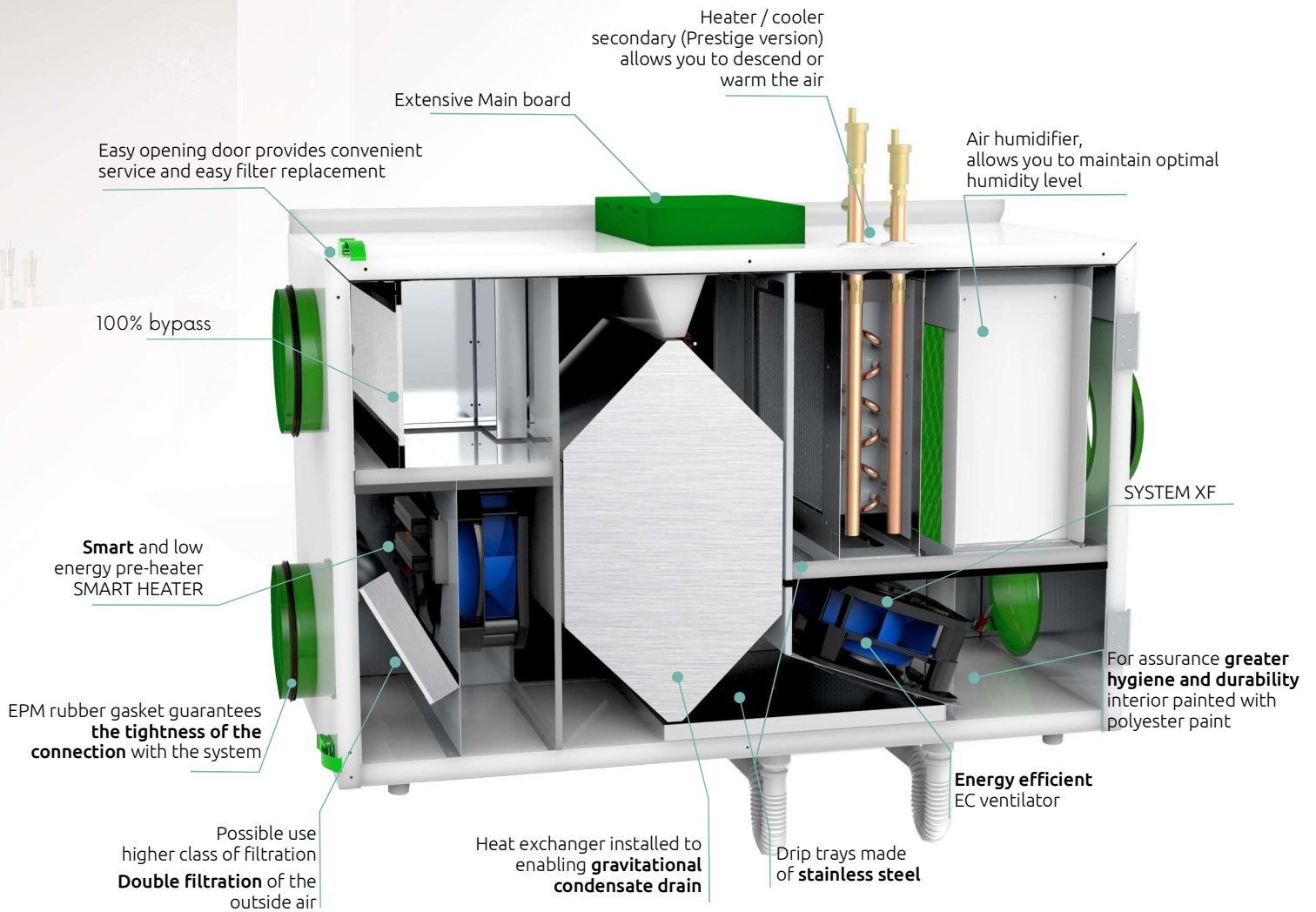


**3 ALGORITHMS  
ANTI-FROST**

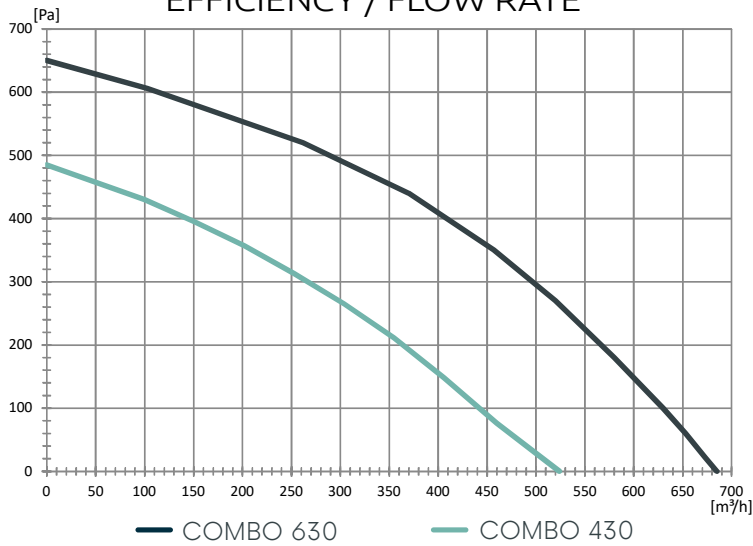


**CONTROLLER  
DISPLAY V2**

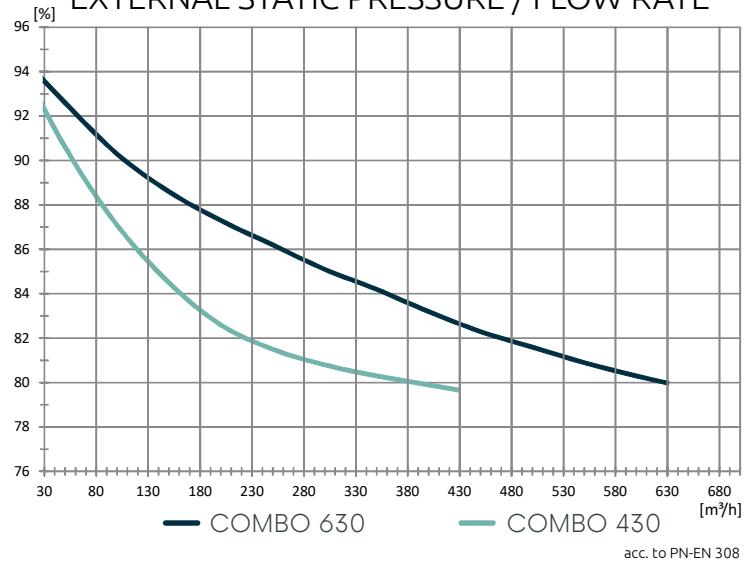
# COMBO PRESTIGE



## EFFICIENCY / FLOW RATE



## EXTERNAL STATIC PRESSURE / FLOW RATE



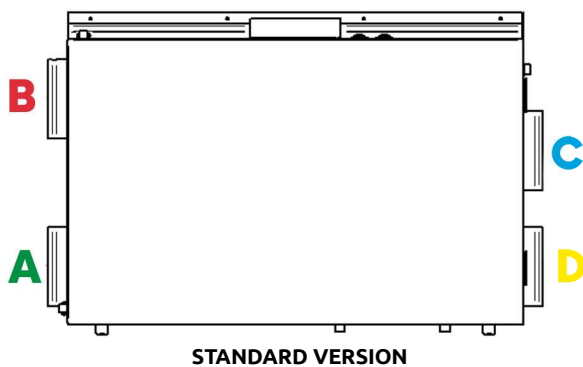
acc. to PN-EN 308

## PARAMETERS

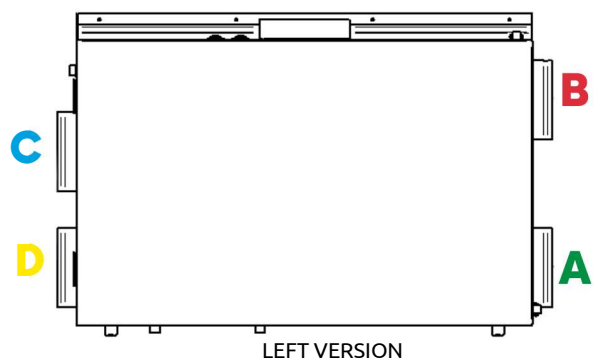
		430 LIGHT	630 LIGHT	430 PRESTIGE	630 PRESTIGE
UEC (unit energy consumption) class	-	A	A	A	A
UEC for moderate climate	kWh/(m <sup>2</sup> /year)	-38,09	-38,45	-38,09	-38,45
UEC for cool climate	kWh/(m <sup>2</sup> /year)	-74,61	-75,39	-74,61	-75,39
UEC for warm climate	kWh/(m <sup>2</sup> /year)	-14,55	-14,67	-14,55	-14,67
Max. flow rate (at 100 Pa)	m <sup>3</sup> /h	430	630	430	630
Acoustic power (gear I/ acc. to UE 1254/2014)	dB(A)	44/49	46/52	44/49	46/52
Energy consumption	W	17-161	29-275	17-161	29-275
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	-	-
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 <sup>3</sup> /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	-	-	3,1	3,6
Maximum cooler power	kW	-	-	3,2	3,7
Height/Width/Depth	mm	800/1253/547	800/1253/547	800/1253/547	800/1253/547
Weight	kg	89	88	96	95

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<sup>®</sup>

## WANAS COMBO 430 PRESTIGE

AIR HANDLING UNITS • HUMIDIFIER • HEATER-COOLER