

WANAS HI-TECH

Packed with technology!



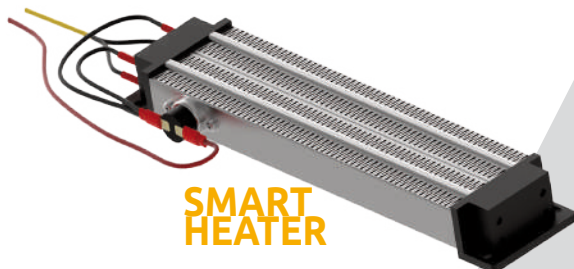
WANAS[®]

SMART SOLUTIONS

WANAS SERIES HEAT RECOVERY UNITS

HI-TECH

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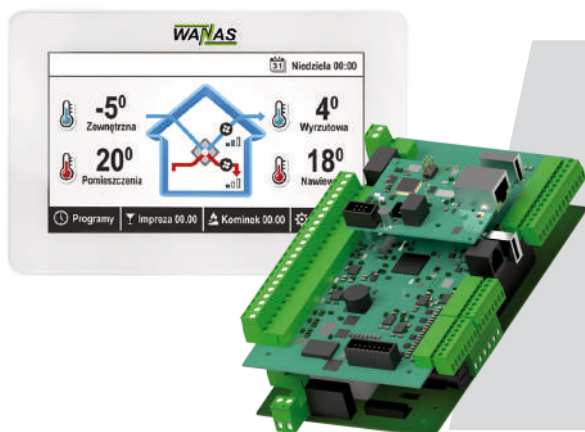


HEATER

The smart pre-heater automatically adjusts its output to suit the outside temperature and the air flow.

HYBRID SYSTEM

The heat recovery unit's casing and insulation are made from non-combustible and waterproof materials. The robust construction of the air handling unit consists entirely of steel components. Inside the heat recovery unit, a hybrid combination of components has been used: steel to ensure the structural stability of the unit, and a new type of insulation panel to eliminate thermal bridges.



MODBUS RTU

The new motherboard, featuring a faster and more efficient processor, enables extensive expansion of the ventilation system. The use of MODBUS RTU communication allows the heat recovery unit to be integrated into a so-called smart home system. The wall-mounted controller, with a colour display and a front panel made entirely of glass, stands out for its modern form and striking design.

UPDATE

The WANAS heat recovery unit allows you to download a free software update at any time whilst the air handling unit is in use.



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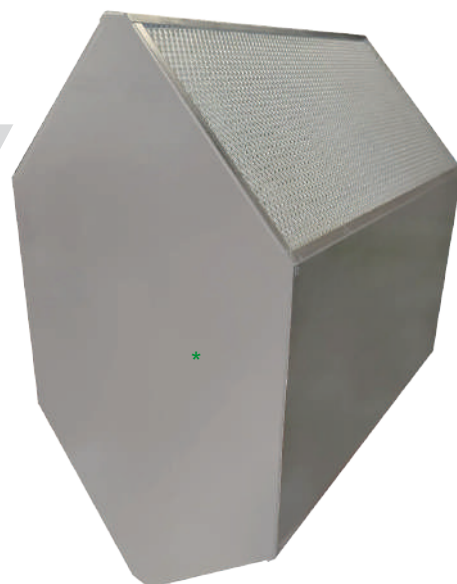


XF SYSTEM

A system that enables automatic balancing of the installation by continuously measuring the current supply and extract air flow rates. The new module allows the user to set the air flow rate in m^3/h . The use of XF technology guarantees greater comfort and energy savings.

ENTHALPY EXCHANGER

An enthalpy heat exchanger, which enables the ventilation system not only to minimise energy losses but also to prevent rooms from becoming excessively dry, which is particularly important during the heating season.

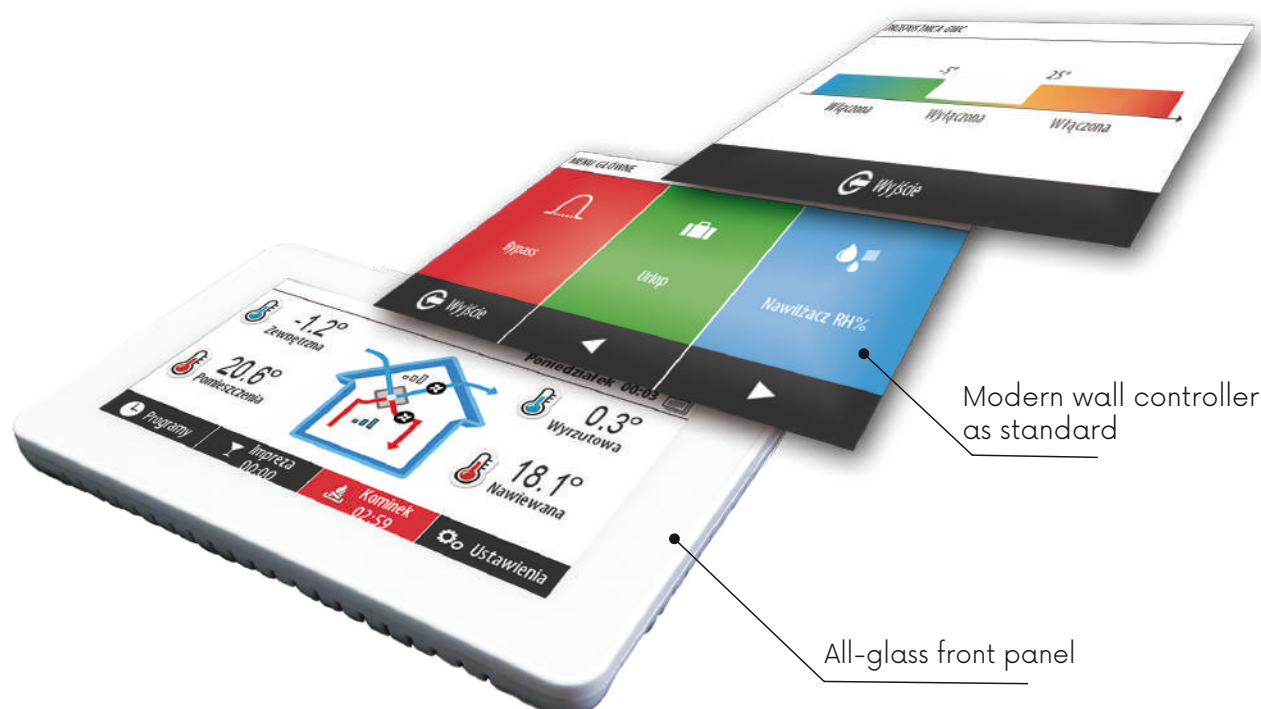
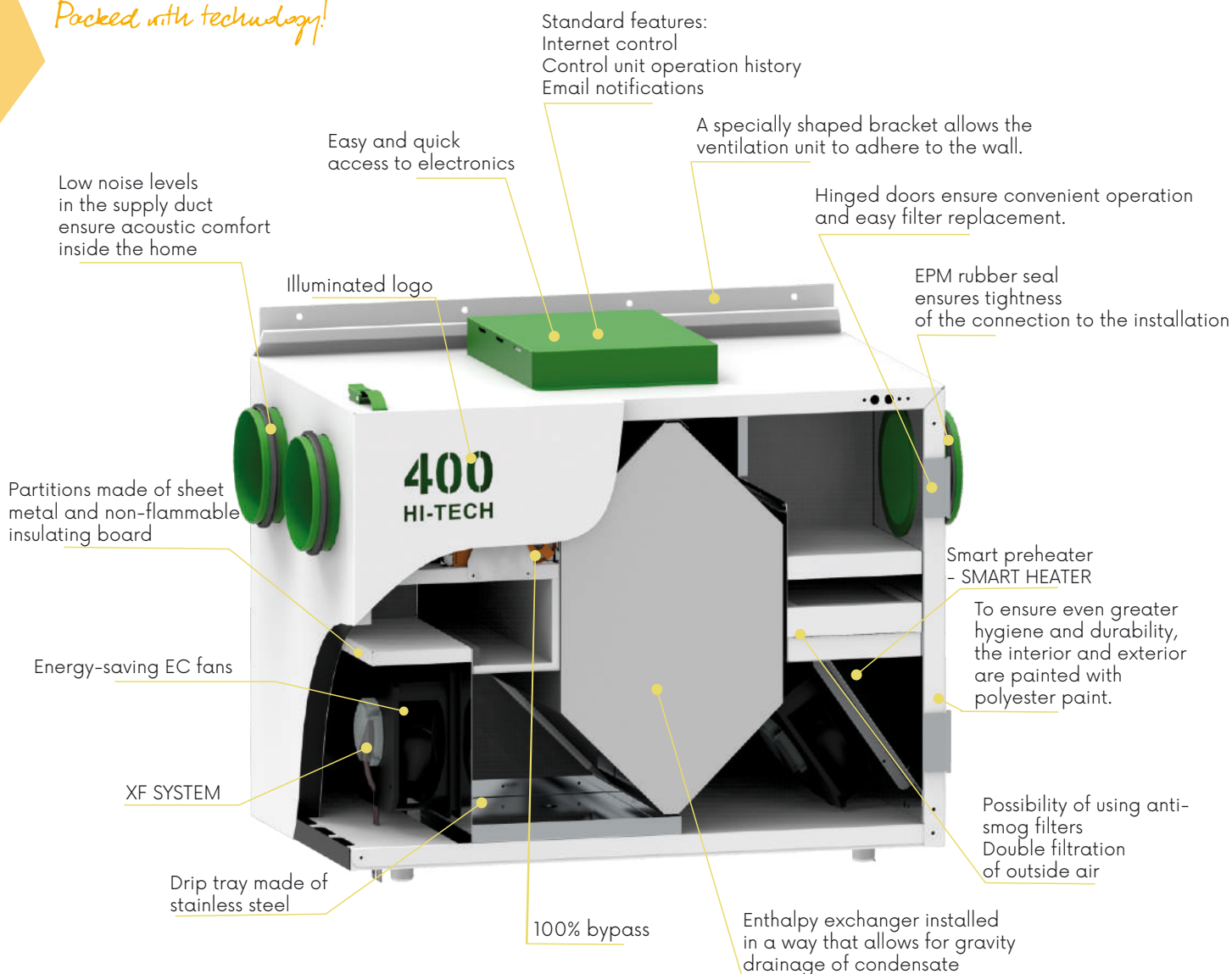


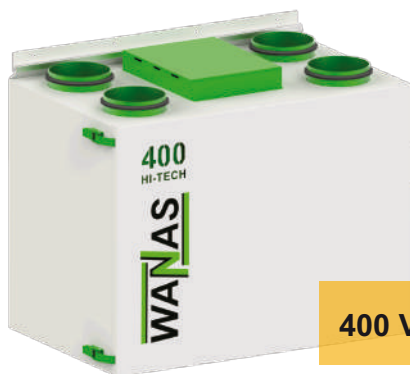
YOUR HOME, YOUR RULES – SMART HOME WITH THE SINUM MODULE

Instead of the internet module, you can install the sinum control unit and control your heat recovery unit and your entire home from a single wall-mounted panel or via a mobile app. The sinum control unit enables you to create what is known as a smart building.

MANY MORE POSSIBILITIES WITH THE HI-TECH SERIES

Packed with technology!





400 V HI-TECH



600 V HI-TECH



400 H HI-TECH



600 H HI-TECH

HI-TECH TECHNICAL DATA

400 V HI-TECH E

400 H HI-TECH E

Maximum flow rate at 100 Pa	m ³ /h	400	400
Ventilated area up to	m ²	180	180
Energy efficiency class	-	A	A
Efficiency up to	%	91,2	91,2
Energy consumption	W	22-180	20-192
Preheater power	W	500	500
Diameter of the nozzles	mm	160	160
Sound power level Gear I	dB(A)	34,7	38
Filtration class	-	ISO COARSE 75% + ePM 10 50%	
Weight	kg	60	60
Type of exchanger	-	enthalpic	enthalpic
Automation	-	V2	V2
Wall controller	-	yes	yes
System XF	-	yes	yes
Internet module	-	yes	yes
Painted interior	-	yes	yes

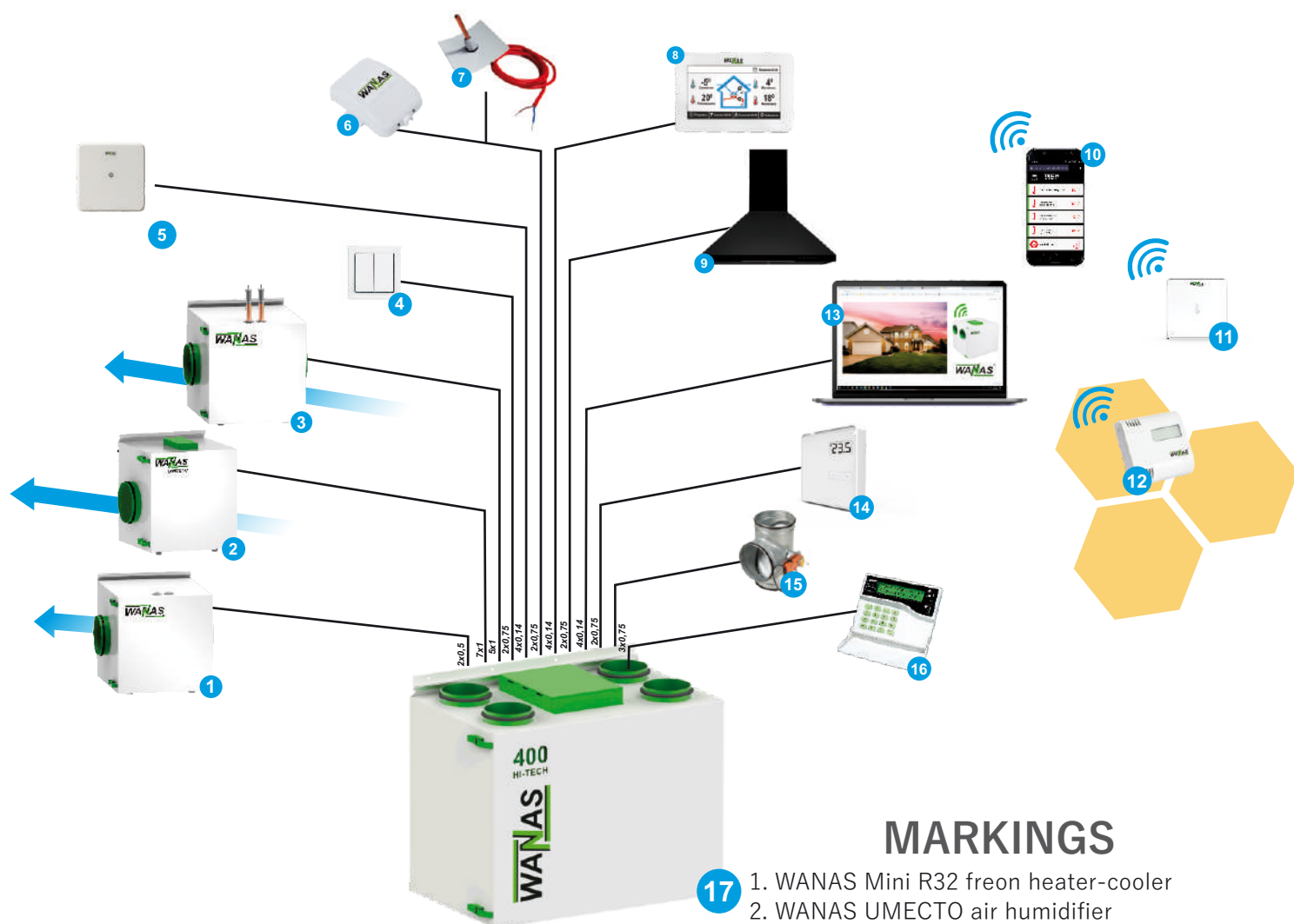
HI-TECH TECHNICAL DATA

600 V HI-TECH E

600 H HI-TECH E

Maximum flow rate at 100 Pa	m ³ /h	600	600
Ventilated area up to	m ²	270	270
Energy efficiency class	-	A	A
Efficiency up to	%	90,5	90,5
Energy consumption	W	315	336
Preheater power	W	500	500
Diameter of the nozzles	mm	200	200
Sound power level Gear I	dB(A)	40	39
Filtration class	-	ISO COARSE 75% + ePM 10 50%	
Weight	kg	64	64
Type of exchanger	-	enthalpic	enthalpic
Automation	-	V2	V2
Wall controller	-	yes	yes
System XF	-	yes	yes
Internet module	-	yes	yes
Painted interior	-	yes	yes

TAKE ADVANTAGE OF THE SYSTEM'S POSSIBILITIES



MARKINGS

1. WANAS Mini R32 freon heater-cooler
2. WANAS UMECTO air humidifier
3. WANAS water heater/cooler
4. Light switch
5. WANAS MOBILE W-25 Wi-Fi internet module
6. W-100 outdoor temperature sensor
7. EXTRA TEMP temperature sensor
8. DISPLAY V2 recuperator controller
9. Hood
10. eModul application
11. MaxiControl humidity sensor - radio communication
12. CO₂RControl radio carbon dioxide sensor
13. Smart home system
14. roomControl humidity sensor
15. GHE zone damper
16. Alarm control panels
17. WANAS recuperator

DISPLAY V2



DISPLAY V3

