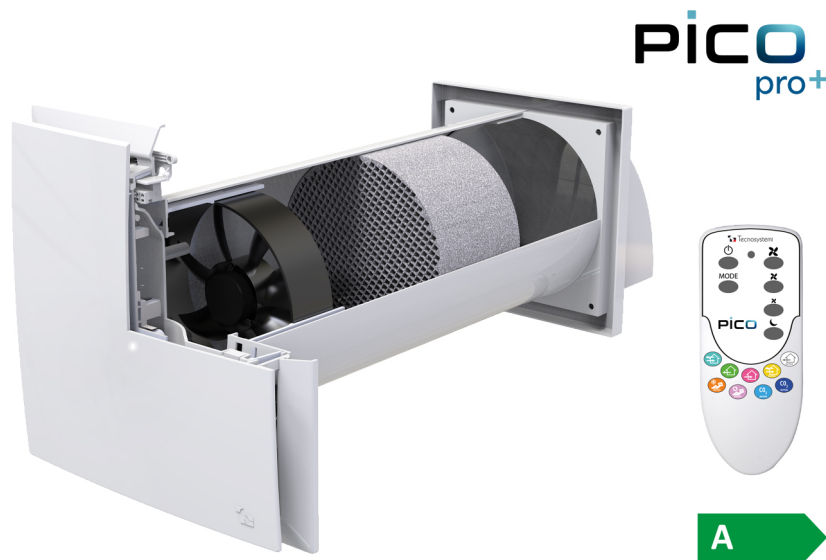CE   **MADE IN ITALY**

PICO PRO PLUS +

Ventilation units with wall-mounted point heat recovery

- cod. ACD100052 - cod. ACD100053 - cod. ACD100054
- cod. RIC00190 - cod. RIC00191 - cod. RIC00192
- cod. C20002333 - cod. C20002336 - cod. C20002324

A

DESCRIPTION

PICO PRO + is an innovative system designed to improve thermal comfort and air quality in residential environments.

PICO PRO + is able to operate in both directions, which means it can be used to ventilate and recover the heat of the environment according to the need. This allows you to maintain a comfortable microclimate in any season.

Energy Saving: This system is designed to maximize energy saving, thus reducing the costs associated with heating and cooling of the interior spaces. Thanks to its efficient operation, it contributes to reducing environmental impact.

Optimized Ventilation: PICO PRO + ensures effective ventilation and adequate air exchange inside the rooms, improving air quality and contributing to the well-being of the occupants.

High Efficiency: The vacuum extractor integrated in PICO PRO + offers a high performance, with the extraction capacity that can reach up to 90%. This is made possible by the presence of a honeycomb heat exchanger made of ceramic material, which maximizes thermal efficiency.

Easy Installation and Maintenance: PICO PRO+ is designed to be installed with ease and requires simple maintenance. This simplifies system management, reducing maintenance costs over time.

The connection to the electrical network to the device is made directly from the prearranged clamp integrated in the wall dashboard, to ensure quick assembly and maintenance of the PICO.

TECHNICAL SPECIFICATIONS:

- For wall installation, minimum installation wall thickness: 270 mm
- Front wall thickness 35 mm
- Available with flow rates from 30 to 60 m³/h
- Energy Class A
- Wi-fi control mode 2.4 GHz via APP: local or remote connection
- Integration Voice assistants and Google Home
- Automatic closing damper
- Functions: Comfort - CO2 threshold - Humidity threshold - Natural recirculation - Free Cooling - Free Heating - Night mode
- MASTER function / SLAVE: Possibility to connect in cascade via WIFI up to 4 slaves

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Via dell'Industria, 2/4 - Z.I. San Giacomo di Veglia 31029 Vittorio Veneto (Treviso) - Italy
Phone +39 0438 500 044 | Fax +39 0438 501 516 | n. verde 800 904474 (only for Italy)

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- Slave configurabili in modalità sincrona o asincrona.
- Humidity threshold can be set to 3 different values: 40 - 50 - 60%
- Heat exchanger made of high-efficiency ceramic
- Built-in grade G2 filters
- Fan with low energy consumption, suitable for continuous operation
- Equipped with remote control
- RGB LED on front for mode display
- 4-speed, min, med, max and night mode, adjustable via app
- Power supply 230 V - 50/60 Hz Class II
- IP rating IPX2 (internal) IP rating IPX4 (external)
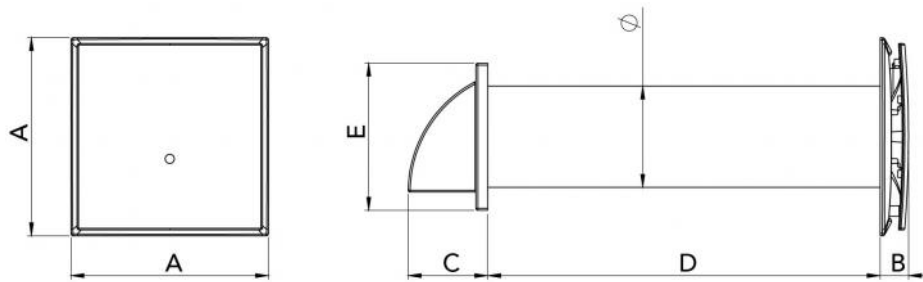- Mounting Hole Sections Ø103 - Ø128 - Ø153

TECHNICAL DETAILS
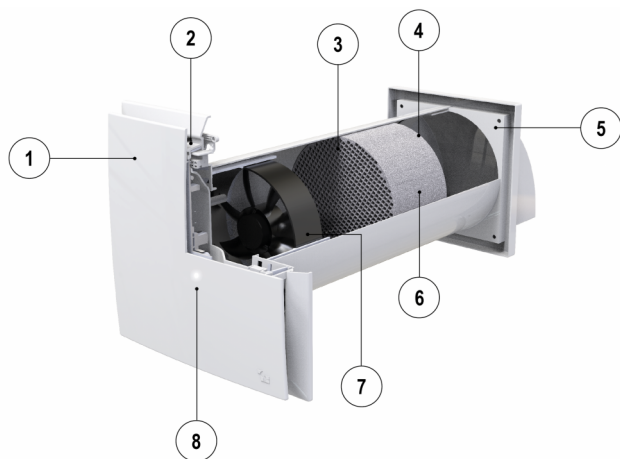
[1] Aesthetic front panel
[2] Mechanical damper
[3] Filter 1
[4] Filter 2
[5] External grille
[6] Exchanger pack
[7] Bidirectional fan
[8] RGB mode LEDs

EASILY CONTROLLED WITH REMOTE CONTROL OR WITH APP TECNOSYSTEMI

APP Tecnosystemi

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DIMENSIONS PICO PRO + 30 / 45 / 60

MODEL	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	Ø [mm]	WEIGHT [kg]
PICO PRO + 30	250	35	86	500	154	103	2,0
PICO PRO + 45	250	35	101	500	186	128	2,2
PICO PRO + 60	250	35	101	500	186	153	3,2

PICO PRO + 30

TECHNICAL DATA	Standby	NIGHT		minimum speed		Average speed		Maximum speed	
Mode		EXTRACTION:	Immission	EXTRACTION:	Immission	EXTRACTION:	Immission	EXTRACTION:	Immission
Consumption [W]	<1	1.5		2		3		4	
Air flow rate [m³/h]		6		10		18	20	26	30
Sound power [dB(A)] @2m		18	19	22	23	26	27	29	32
ENERGY RATING SEC	A								
Type	Bidirectional UVR								
Type of recovery system	Regenerative type HRC3b								
Filtration class	G2								
Filter signal	Red flashing light indication on front fixture								
Internet address with pre-assembly and disassembly instructions	www.tecnosystemi.com								

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DATASHEET

PICO PRO + 45

TECHNICAL DATA	Standby	NIGHT		minimum speed		Average speed		Maximum speed	
Mode		EXTRACTION:	Immission	EXTRACTION:	Immission	EXTRACTION:	Immission	EXTRACTION:	Immission
Consumption [W]	<1	1.5		2		3		4.5	
Air flow rate [m³/h]		8		21	22	28	32	40	45
Sound power [dB(A)] @2m		20	22	24	27	28	30	35	37
ENERGY RATING SEC	A								
Type	Bidirectional UVR								
Type of recovery system	Regenerative type HRC3b								
Filtration class	G2								
Filter signal	Red flashing light indication on front fixture								
Internet address with pre-assembly and disassembly instructions	www.tecnosystemi.com								

PICO PRO + 60

TECHNICAL DATA	Standby	NIGHT		minimum speed		Average speed		Maximum speed	
Mode		EXTRACTION:	Immission	EXTRACTION:	Immission	EXTRACTION:	Immission	EXTRACTION:	Immission
Consumption [W]	<1	1.7		3		4.5		7	
Air flow rate [m³/h]		11		32	30	46	40	65	60
Sound power [dB(A)] @2m		24	28	30	32	35	38	40	41
ENERGY RATING SEC	A								
Type	Bidirectional UVR								
Type of recovery system	Regenerative type HRC3b								
Filtration class	G2								
Filter signal	Red flashing light indication on front fixture								
Internet address with pre-assembly and disassembly instructions	www.tecnosystemi.com								

NOTES:

Data according to Regulation (EU) 1253/2014 and Regulation (EU) 1254/2014.
N/A = not applicable to the type of product

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APP INTERFACE - WI-FI CONTROL MODE (OFFLINE and ONLINE)

All the functions of the Pico can also be controlled via APP via remote or local wifi connection directly from your smartphone or tablet in a simple and intuitive way.
Simply download the Tecnosystemi application and pair your device.

Functionality

FUNCTION	PICO BASIC	PICO PRO	PICO PRO+		LED
HEAT RECOVERY	✓				🔵
EXTRACTION	✓				🟢
IMMISSION	✓				🔵
HEAT RECOVERY HUMIDITY THRESHOLD	✓				🟡
HUMIDITY EXTRACTION THRESHOLD	✓				⚪
AIR EXCHANGE	/	✓			/
FREE COOLING	/		✓		🟠
FREE HEATING	/		✓		🩷
CO2 HEAT RECOVERY THRESHOLD	/		✓		🔵
CO2 EXTRACTION THRESHOLD	/		✓		🔵
CO2 HUMIDITY HEAT RECOVERY THRESHOLD	/		✓		🟣
CO2 HUMIDITY EXTRACTION THRESHOLD	/		✓		🟢
NIGHT MODE	✓				/
MASTER/SLAVE CASCADE MODE	✓				/
FILTER MAINTENANCE INDICATION	✓				/
DEACTIVATING / ACTIVATING WiFi	✓				/
LED SWITCH-OFF	✓				/
INTEGRATION WITH VOICE ASSISTANTS (Google HOME - AMAZON ALEXA)	✓				/
DAMPER	/	✓			/
REMOTE CONTROL	(1)	✓			/

(1) Standard in PICO PRO and PICO PRO+, can be purchased separately in PICO BASIC.

ITEMS

ACD100052	HEAT RECOVERY UNIT - PICO PRO + 30
ACD100053	HEAT RECOVERY UNIT - PICO PRO + 45
ACD100054	HEAT RECOVERY UNIT - PICO PRO + 60
RIC00190	CERAMIC HEAT EXCHANGER WITH FILTERS FOR "PICO HP2 30" AND "PICO CLEAN 30"
RIC00191	CERAMIC HEAT EXCHANGER WITH FILTERS FOR "PICO HP2 55" AND "PICO CLEAN 55"
RIC00192	CERAMIC HEAT EXCHANGER WITH FILTERS FOR "PICO HP2 80" AND "PICO CLEAN 80"
C20002333	SPARE FILTER CLASS 3 FOR PICO HP2-30 - Ø 100
C20002336	SPARE FILTER CLASS 3 FOR PICO HP2-55 - Ø 125
C20002324	SPARE FILTER CLASS 3 FOR PICO HP2-80 - Ø 150