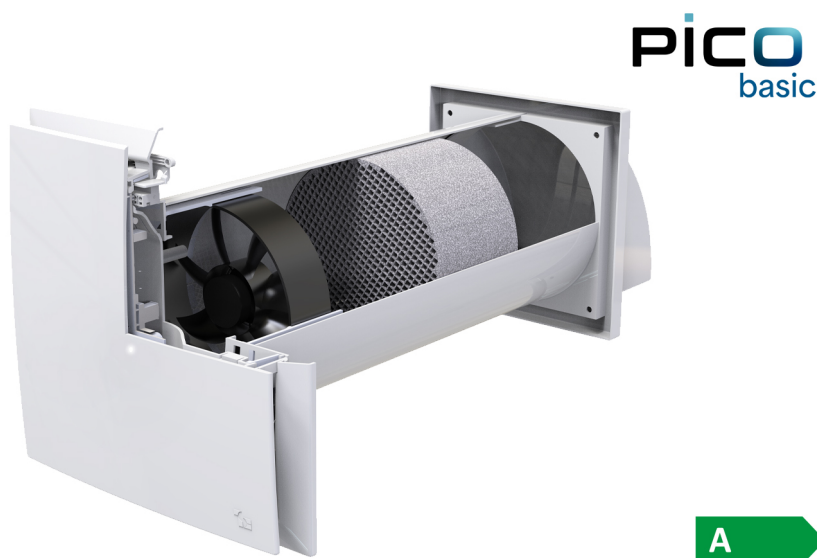


PICO BASIC

Ventilation unit with wall-mounted puntual heat recovery, without remote control

- cod. ACD100060 - cod. ACD100061 - cod. ACD100062
- cod. RIC00190 - cod. RIC00191 - cod. RIC00192
- cod. C20002333 - cod. C20002336 - cod. C20002324



DESCRIPTION

PICO BASIC is an innovative system designed to improve thermal comfort and air quality in residential environments. PICO BASIC can operate in both directions, which means it can be used to ventilate and recover the heat of the environment as needed. 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 BASIC 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 BASIC 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 BASIC 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.

The ventilation unit front panel is made from white ABS.

The wall through pipe is 50 cm long and contains the ceramic heat exchanger and grade G2 incorporated filters.

An external element with rain guard completes the installation.

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.

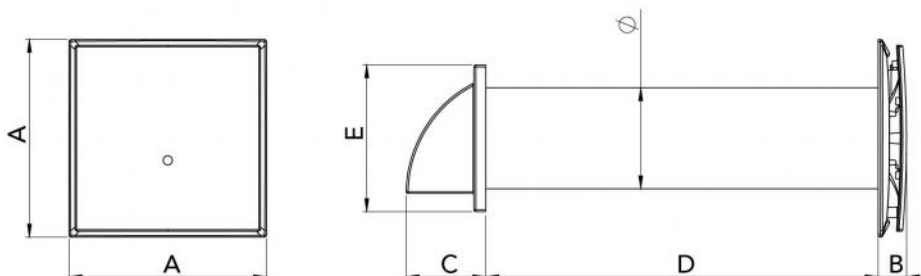
Simply download the Tecnosystemi app and associate your device.

REMOTE CONTROL NOT INCLUDED IN THE PACK

FUNCTIONAL FEATURES

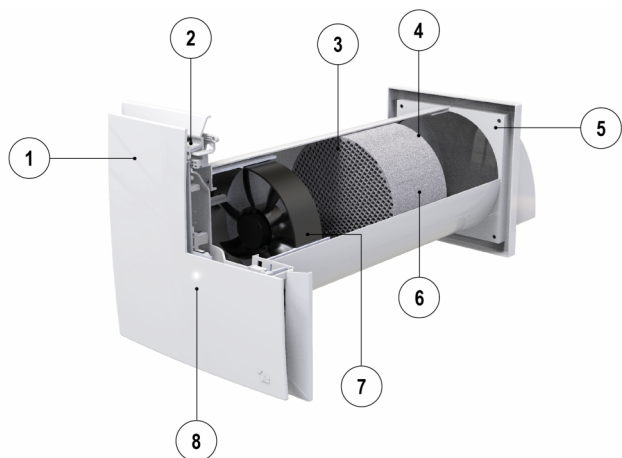
- For wall installation
- Front wall thickness 35 mm
- Available with flow rates from 30 to 60 m³/h
- Energy Class A
- Wi-fi control mode 2.4 GHz via APP: local or remote connection
- Integration Voice assistants and Google Home
- Functions: Comfort - Humidity threshold - Natural recirculation - Night mode
- Heat exchanger made of high-efficiency ceramic
- Built-in grade G2 filters
- Fan with low energy consumption
- Suitable for continuous operation
- RGB LED on front for mode display
- 4-speed, min, med, max and night mode, adjustable via app
- Ambient operating temperature: -10°C / +40°C (-10T40)
- Rating IPX4 (external)
- Mounting Hole Sections Ø103 - Ø128 - Ø153
- Minimum installation wall thickness: 270mm
- Remote control NOT included

DIMENSIONS PICO BASIC 30 / 45 / 60



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

REFERENCES



- [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

TECHNICAL DATA

	DATA
Power supply	90-240 Vac +/- 10%, 50/60 Hz
Insulation	II
Protection rating	IPX4
Type of installation	Fixed
Control	Remote control / App
Communications	WiFi 2.4 GHz
Messages	Multi-colour RGB LED
Motors	Brushless DC PWM controlled
Exchanger type	High-efficiency ceramics
Body material	ABS
Operating temperature	-10°C / +40°C C13(-10T40)
Relative operating humidity at room temperature of 25° C	85 rH%
Storage temperature	min -20°C - max 70°C
Service class	CONTINUOUS
Minimum wall thickness	270mm

PICO BASIC 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		20		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								

PICO BASIC 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		20		30		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 BASIC 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		30		40		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

EASILY CONTROLLED BY REMOTE CONTROL (not included) AND TECNOSYSTEMI APP



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)		✓		/

Functionality

- Recovery mode
- Extraction mode
- Immission mode
- Recovery with humidity threshold
- Extraction with moisture threshold
- Natural recirculation
- Maintenance of filters

ITEMS

CODE	DESCRIPTION
ACD100060	HEAT RECOVERY UNIT - PICO BASIC 30 - PICO BASIC 30
ACD100061	HEAT RECOVERY UNIT - PICO BASIC 45 - PICO BASIC 45
ACD100062	HEAT RECOVERY UNIT - PICO BASIC 60 - PICO BASIC 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

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