

CATALOG

29



NOW IT'S EASIER WITH THE NEW SOLUTIONS "SINGLE ROOM"

BUILT-IN, STATIC INTAKE/EXTRACTOR FAN WITH HEAT RECOVERY



AirPur3^{PLUS}
DESIGN GIORGIO RIGONI

BUILT-IN, STATIC HEAT RECOVERY UNITS



MOD. 160



MOD. 230



MOD. 300

AirPur3^{PLUS}
DESIGN: GIORGIO FIGONI

**BUILT-IN, STATIC HEAT
RECOVERY UNITS**



MOD. 160



MOD. 230



MOD. 300



CHAPTER 01

LOCALIZED MECHANICAL VENTILATION

- WALL-MOUNTED STATIC INTAKE AND EXTRACTOR UNITS WITH HEAT RECOVERY "PICO HP2-WI", "PICO HP2-WI-C", "PICO HP2-WI-C-CO2", "PICO RECO 100-WI", "PICO RECO 100WI-C", "PICO RECO 100WI-C-CO2"
- WALL-MOUNTED INTAKE AND EXTRACTOR UNITS "PICO CLEAN-WI"
- BUILT-IN STATIC HEAT RECOVERY UNITS
- WALL-MOUNTED STATIC HEAT RECOVERY UNITS

PICO_{wi}

PICO_{wi-c}

PICO_{wi-c-co2}





WATCH THE VIDEO



**POOR AIR CIRCULATION?
DAMP / MOULD STAINED WALLS?
UNPLEASANT ODOURS?**

**FROM NOW ON, CLEAN AIR
AND NO MORE MOULD! LOWER ENERGY
COSTS AND BETTER QUALITY OF LIFE**



PICO
IS THE SOLUTION!



PICO_{wi} ANTI MOULD HP2

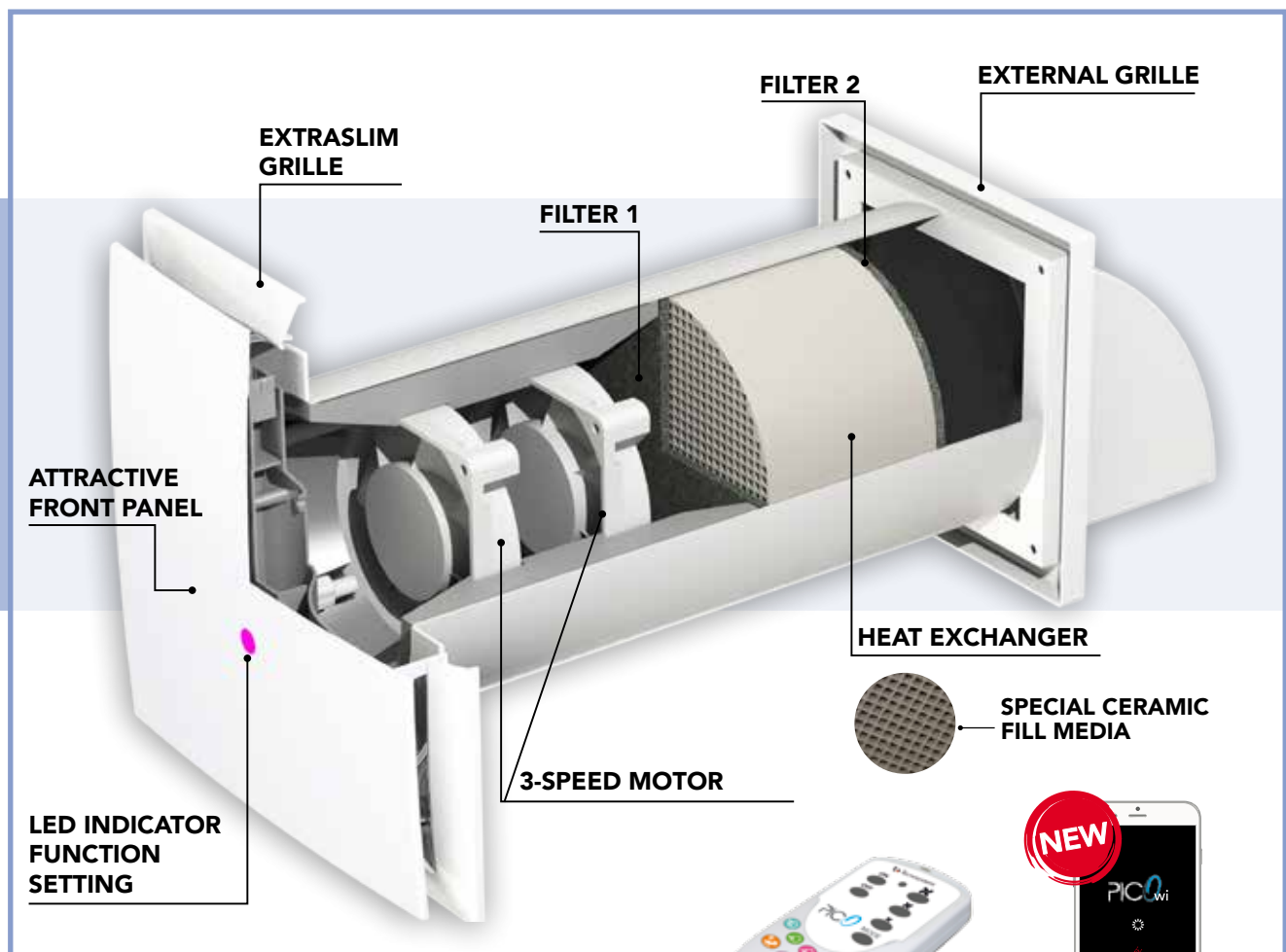
WALL-MOUNTED STATIC INTAKE/EXTRACTOR FAN WITH HEAT RECOVERY

THANKS TO ITS REVERSIBLE FUNCTION, THE "PICO HP2 WI" EXTRACTOR FAN CREATES A COMFORTABLE MICRO-CLIMATE, WHILE AT THE SAME TIME ALLOWING AIR EXCHANGE.

"PICO HP2 WI" REPRESENTS THE BEST SOLUTION FOR ENERGY SAVINGS AND VENTILATION HOME OR OFFICE.

THE HIGH OUTPUT OF THE INTAKE/EXTRACTION FAN (UP TO 90%) IS GUARANTEED BY A **HONEY COMB-STRUCTURED HEAT EXCHANGER** MADE FROM CERAMIC MATERIALS.

PICO HP2 IS EASY TO INSTALL AND MAINTAIN, IT ALSO FEATURES A SILENT FUNCTION.



SUPPLIED WITH REMOTE CONTROL

CONTROL THROUGH SMARTPHONES AND TABLETS

REMOTE CONTROL WITH 4 NEW FUNCTIONS



RESET FILTER MAINTENANCE

Press and hold for 3 seconds

Fan OFF

Humidity value setting

Fan ON

Change speed

RECOVERY UNIT

The device works for **70 seconds in extraction mode** and **70 seconds in aeration mode**, with the option to regulate the **three speeds**. In the case of the heat exchanger model Pico Reco 100, the fans operate simultaneously (extraction and aeration).

EXTRACTION

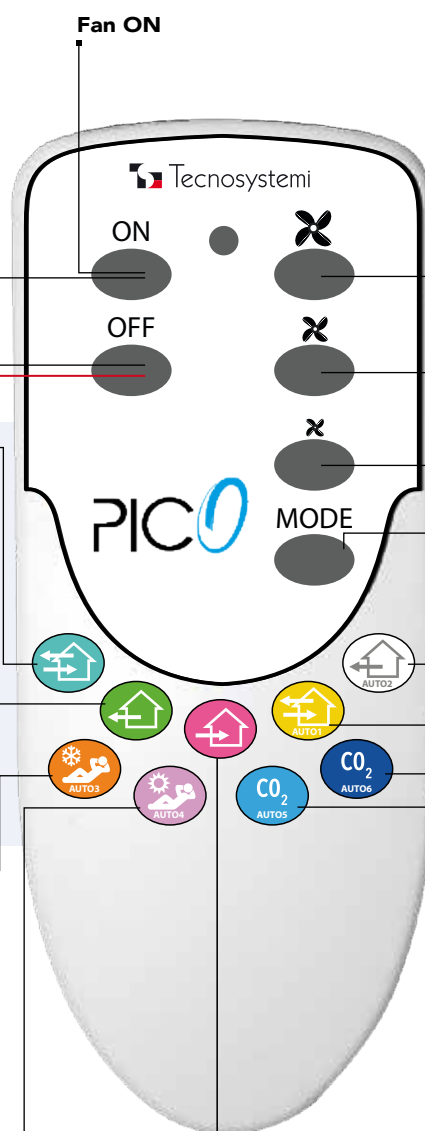
The device works in **internal air extraction mode only** with the option to regulate the **three speeds**.

AUTO 3 SUMMER COMFORT MODE

The system is on **standby**. When the **external temperature** is **lower** than the internal one, the **heat recovery unit goes onto high-speed output mode**. When the temperature recovers its value the unit goes back onto standby.

AUTO 4 WINTER COMFORT MODE

The system is on **standby**. When the **external temperature** is **higher** than the internal one, the **heat recovery unit goes onto high-speed output mode**. When the temperature recovers its value the unit goes back onto standby.



Maximum speed
(Humidity value 60%)

Medium speed
(Humidity value 50%)

Low speed
(Humidity value 40%)

Change mode

AUTO 2

The device is in **standby**. When the air in the room **exceeds the threshold of settable humidity** at 40%, 50% or 60%, the device switches to **extraction only mode until the humidity level falls within the set values**.

AUTO 1

The device is in **standby**. When the air in the room **exceeds the threshold of settable humidity** at 40%, 50% or 60%, the device switches to **recovery only mode until the humidity level falls within the set values**.

AUTO 6

The system is on **standby**. When the **CO₂ threshold of 800 ppmv** is exceeded, the **heat recovery unit goes onto high-speed recovery mode**. When the **CO₂ value recovers** the unit goes back onto standby.

AUTO 5

The system is on **standby**. When the **Co₂ threshold of 800 ppmv** is exceeded, the **heat recovery unit goes onto high-speed output**. When the **Co₂ value recovers** the unit goes back onto standby.

ΕΞΑΕΡΙΣΜΟΣ

Η συσκευή λειτουργεί μόνο σε λειτουργία αερισμού, παίρνοντας εξωτερικό αέρα και εισάγοντάς τον στο δωμάτιο. Δυνατότητα ρύθμισης των τριών διαθέσιμων ταχυτήτων.

PICOwi TECHNOLOGICAL ANTI MOULD

EASILY CONTROLLED BY SMARTPHONE AND TABLET

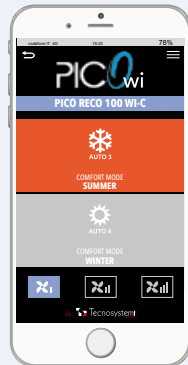


PRACTICALITY AND CONTROL

WI-FI MODE (OFF-LINE)

All Pico Wi functions can also be controlled simply and intuitively via wi-fi from your smartphone or tablet.

Just activate the wi-fi function on your device and select Pico Wi to access the system.



IDEAL TEMPERATURE

COMFORT MODE

If the system is set on WINTER COMFORT or SUMMER COMFORT mode, it activates by exploiting the internal and external difference in temperature in order to reach the ideal internal temperature.



CLEANER AIR

CO2 MODE

Select the AUTO 5 or AUTO 6 modes to refresh the internal air and keep the internal environment healthy.

 SIMPLE

 QUICK

 INTUITIVE

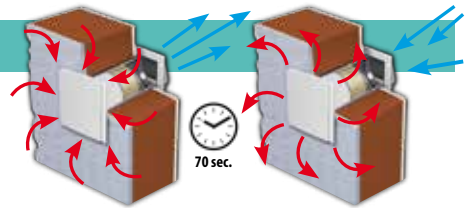
OPERATING MODES



REGENERATOR

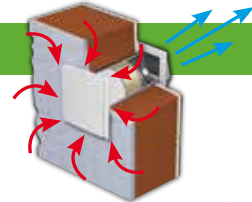
THE DEVICE WORKS FOR 70 SECONDS IN EXTRACTION MODE AND 70 SECONDS IN AERATION MODE, WITH THE OPTION TO REGULATE THE THREE SPEEDS. IN THE CASE OF THE RECOVERY UNIT MODEL PICO RECO 100. THE FANS OPERATE SIMULTANEOUSLY.

(EXTRACTION AND AERATION)



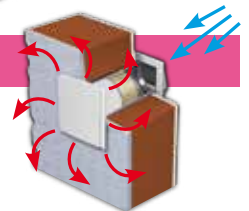
EXTRACTION

THE DEVICE WORKS IN INTERNAL AIR EXTRACTION MODE ONLY, WITH THE OPTION TO REGULATE THE THREE SPEEDS.



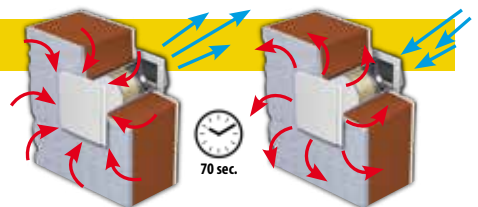
AERATION

THE DEVICE WORKS IN AERATION MODE ONLY, TAKING IN AIR FROM OUTSIDE AND INTRODUCING IT INTO THE ROOM. OPTION TO REGULATE THE THREE SPEEDS PROVIDED.



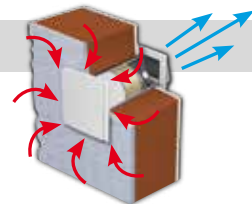
AUTO1

THE DEVICE IS ON STANDBY. WHEN THE AIR IN THE ROOM EXCEEDS THE HUMIDITY LEVEL, THAT CAN BE SET AT 40%, 50% OR 60%, THE DEVICE GOES ONTO RECOVERY MODE UNTIL THE HUMIDITY RECOVERS ACCORDING TO THE SET VALUE.



AUTO2

THE DEVICE IS ON STANDBY. WHEN THE AIR IN THE ROOM EXCEEDS THE HUMIDITY LEVEL, THAT CAN BE SET AT 40%, 50% OR 60%, THE DEVICE GOES ONTO EXTRACTION ONLY MODE UNTIL THE HUMIDITY LEVEL RECOVERS ACCORDING TO THE SET VALUE.

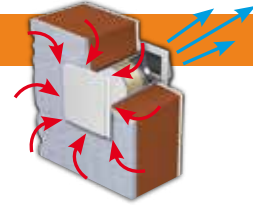


DESCRIPTION	REGENERATOR	EXTRACTION
"PICO HP2 30 WI" WITH EXTERNAL POWER SUPPLY	X	X
"PICO HP2 55 WI" WITH EXTERNAL POWER SUPPLY	X	X
"PICO HP2 80 WI" WITH EXTERNAL POWER SUPPLY	X	X
"PICO HP2 30 WI" WITH BUILT-IN POWER SUPPLY	X	X
"PICO HP2 55 WI" WITH BUILT-IN POWER SUPPLY	X	X
"PICO HP2 80 WI" WITH BUILT-IN POWER SUPPLY	X	X
"PICO HP2 30 WI-C COMFORT" WITH EXTERNAL POWER SUPPLY	X	X
"PICO HP2 55 WI-C COMFORT" WITH EXTERNAL POWER SUPPLY	X	X
"PICO HP2 80 WI-C COMFORT" WITH EXTERNAL POWER SUPPLY	X	X
"PICO HP2 30 WI-C COMFORT" WITH BUILT-IN POWER SUPPLY	X	X
"PICO HP2 55 WI-C COMFORT" WITH BUILT-IN POWER SUPPLY	X	X
"PICO HP2 80 WI-C COMFORT" WITH BUILT-IN POWER SUPPLY	X	X
"PICO HP2 30 WI-C-CO2 COMFORT" WITH EXTERNAL POWER SUPPLY	X	X
"PICO HP2 55 WI-C-CO2 COMFORT" WITH EXTERNAL POWER SUPPLY	X	X
"PICO HP2 80 WI-C-CO2 COMFORT" WITH EXTERNAL POWER SUPPLY	X	X
"PICO HP2 30 WI-C-CO2 COMFORT" WITH BUILT-IN POWER SUPPLY	X	X
"PICO HP2 55 WI-C-CO2 COMFORT" WITH BUILT-IN POWER SUPPLY	X	X
"PICO HP2 80 WI-C-CO2 COMFORT" WITH BUILT-IN POWER SUPPLY	X	X
"PICO RECO 100 WI" WITH EXTERNAL POWER SUPPLY	X	X
"PICO RECO 100 WI-C COMFORT" WITH EXTERNAL POWER SUPPLY	X	X
"PICO RECO 100 WI-C-CO2" WITH EXTERNAL POWER SUPPLY	X	X
"PICO RECO 100 WI" WITH BUILT-IN POWER SUPPLY	X	X
"PICO RECO 100 WI-C COMFORT" WITH BUILT-IN POWER SUPPLY	X	X
"PICO RECO 100 WI-C-CO2" WITH BUILT-IN POWER SUPPLY	X	X



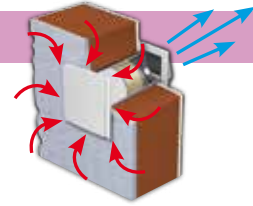
AUTO3 - SUMMER COMFORT

THE SYSTEM IS ON STANDBY. IF THE EXTERNAL TEMPERATURE IS LOWER THAN THE INTERNAL ONE, THE HEAT RECOVERY UNIT GOES ONTO HIGH-SPEED INTAKE. WHEN THE TEMPERATURE RECOVERS ITS VALUE THE UNIT GOES BACK ONTO STANDBY.



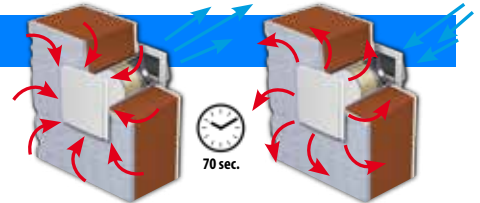
AUTO4 - WINTER COMFORT

THE SYSTEM IS ON STANDBY. IF THE EXTERNAL TEMPERATURE IS HIGHER THAN THE INTERNAL ONE, THE HEAT RECOVERY UNIT GOES ONTO HIGH-SPEED INTAKE. WHEN THE TEMPERATURE RECOVERS ITS VALUE THE UNIT GOES BACK ONTO STANDBY.



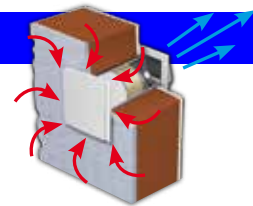
AUTO5

THE SYSTEM IS ON STANDBY. WHEN THE CO2 THRESHOLD IS EXCEEDED THE HEAT RECOVERY UNIT GOES ONTO HIGH-SPEED RECOVERY. WHEN THE CO2 VALUE RECOVERS THE UNIT GOES BACK ONTO STANDBY.



AUTO6

THE SYSTEM IS ON STANDBY. WHEN THE CO2 THRESHOLD IS EXCEEDED THE HEAT RECOVERY UNIT GOES ONTO HIGH-SPEED OUTPUT. WHEN THE CO2 VALUE RECOVERS THE UNIT GOES BACK ONTO STANDBY.



FILTER MAINTENANCE

THE RED FLASHING LED INDICATES THE NEED TO PERFORM THE MAINTENANCE OF FILTERS AND THE HEAT EXCHANGER.



SETTING THE HUMIDITY VALUE

WHEN THE BLUE LED TURNS ON, IT INDICATES THE ACCESS TO THE HUMIDITY VALUE SETTINGS MODE. IT IS POSSIBLE TO SET THE HUMIDITY THRESHOLD TO THREE DIFFERENT VALUES 40%, 50% O 60%

AERATION	SETTING HUMIDITY VALUE	WI-FI	AUTO 1	AUTO 2	AUTO 3	AUTO 4	AUTO 5	AUTO 6	INSTRUCTIONS FILTER MAINTENANCE
X	X	X	X	X					X
X	X	X	X	X					X
X	X	X	X	X					X
X	X	X	X	X					X
X	X	X	X	X					X
X	X	X	X	X	X	X			X
X	X	X	X	X	X	X			X
X	X	X	X	X	X	X			X
X	X	X	X	X	X	X	X		X
X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X



"PICO HP2 WI" - WALL-MOUNTED, STATIC INTAKE / EXTRACTOR FAN WITH HEAT RECOVERY, EQUIPPED WITH EXTERNAL POWER SUPPLY OR WITH BUILT-IN POWER SUPPLY



TECHNICAL FEATURES

- FOR WALL INSTALLATION
- DISTANCE FROM FRONT PANEL TO WALL: 3,5 cm
- AVAILABLE WITH AIR FLOW RATE FROM 30 TO 80 m³/h
- WI-FI CONTROL MODE (OFF-LINE) – COMFORT – CO₂
- 3 SETTINGS OF HUMIDITY THRESHOLD: 40%, 50% AND 60%
- NO FORMATION OF CONDENSATION DURING OPERATION
- HIGH EFFICIENCY HEAT EXCHANGER IN CERAMIC MATERIAL
- SPESSORE INFERIORE A 5 CM
- WALL OPENING Ø 103-128-153 mm
- EQUIPPED WITH G2 FILTERS
- LOW ENERGY CONSUMPTION FAN
- SUITABLE FOR CONTINUOUS OPERATION
- SUPPLIED WITH REMOTE CONTROL
- COLOURED LEDS FOR SETTINGS DISPLAY
- 3-SPEED OPERATION
- EQUIPPED WITH EXTERNAL POWER SUPPLY /BUILT-IN POWER SUPPLY 230 V
- MINIMUM THICKNESS FOR INSTALLATION: 310 mm

PICO^{wi} HP2



SUPPLIED WITH REMOTE CONTROL.
5 NEW FUNCTIONS



EXTERNAL POWER SUPPLY
230 V



BUILT-IN POWER SUPPLY
230 V



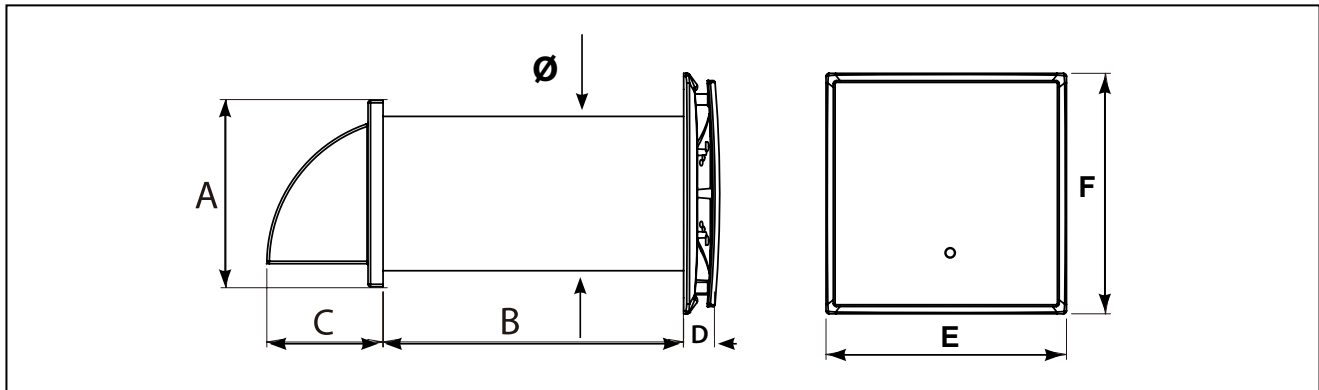
THREE MODULE BUILT-IN BOX
NOT INCLUDED

NEW
2019

WI-FI CONTROL MODE



SEE OPERATION MODES ON PAGES. 12-13



DIMENSIONS AND MODELS	A (mm)	B (mm)	C (mm)	Ø (mm)	D (mm)	E (mm)	F (mm)
ACD100001 / ACD100004	154	500	86	103	35	240	240
ACD100002 / ACD100005	186	500	101	128	35	240	240
ACD100003 / ACD100006	186	500	101	153	35	240	240

MODEL	PICO HP2 30 WI			PICO HP2 55 WI			PICO HP2 80 WI		
SPEED	1	2	3	1	2	3	1	2	3
SUPPLY VOLTAGE	230 V								
POWER (W)	1,3	1,4	1,4	1,3	1,6	2,2	1,7	2,6	3,6
MAXIMUM CURRENT CONSUMED (mA)	38	42	47	65,5	73	81	162	180	200
MAXIMUM AIR FLOW RATE (m ³ /h)	23	25	28	23	35	46	39	64	74
RPM (min-1)	1863	2070	2300	2106	2340	2600	2350	2610	2900
SOUND PRESSURE AT 1m (dB(A))	27	28	29	24	28	34	28	35	39
SOUND PRESSURE AT 3 m (dB(A))	25	26	27	23	26	32	26	33	37
MAXIMUM AIR TEMPERATURE (°C)	FROM -10 TO +50			FROM -10 TO +50			FROM -10 TO +50		
REGENERATOR EFFICIENCY	≤90%			≤90%			≤90%		
HEAT EXCHANGE FILL MEDIA	CERAMIC			CERAMIC			CERAMIC		
TUBE DIMENSIONS (mm)	Ø 103			Ø 128			Ø 153		
PROTECTION	IP 24			IP 24			IP 24		

AVAILABLE FROM APRIL 2019

CODE	DESCRIPTION
ACD100001	"PICO HP2 30 WI" WALL-MOUNTED, STATIC INTAKE/EXTRACTOR FAN WITH HEAT RECOVERY, EQUIPPED WITH EXTERNAL POWER SUPPLY
ACD100002	"PICO HP2 55 WI" WALL-MOUNTED, STATIC INTAKE/EXTRACTOR FAN WITH HEAT RECOVERY, EQUIPPED WITH EXTERNAL POWER SUPPLY
ACD100003	"PICO HP2 80 WI" WALL-MOUNTED, STATIC INTAKE/EXTRACTOR FAN WITH HEAT RECOVERY, EQUIPPED WITH EXTERNAL POWER SUPPLY
ACD100004	"PICO HP2 30 WI" WALL-MOUNTED, STATIC INTAKE/EXTRACTOR FAN WITH HEAT RECOVERY, EQUIPPED WITH BUILT-IN POWER SUPPLY
ACD100005	"PICO HP2 55 WI" WALL-MOUNTED, STATIC INTAKE/EXTRACTOR FAN WITH HEAT RECOVERY, EQUIPPED WITH BUILT-IN POWER SUPPLY
ACD100006	"PICO HP2 80 WI" WALL-MOUNTED, STATIC INTAKE/EXTRACTOR FAN WITH HEAT RECOVERY, EQUIPPED WITH BUILT-IN POWER SUPPLY

FOR THE ROUND PIPE EXTENTIONS, SEE PAGE 114 OF THE CATALOGUE "PROJECT WIND"

 FOR PICO SPARE PARTS SEE PAGE 33-34

*POSSIBILITY OF CASCADE CONNECTION SEE PAGE 32