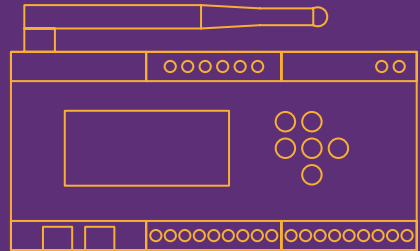
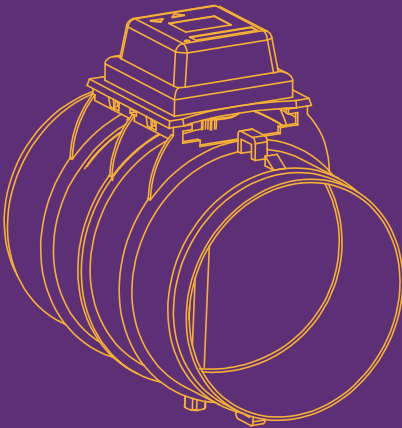
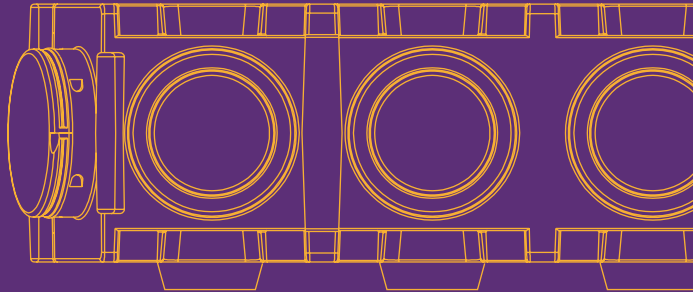
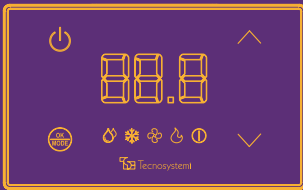




Galaxy

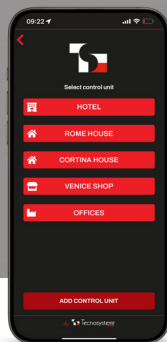
Multi-Zone Air Control System

ZONING CONTROL SYSTEM



THE IDEAL CLIMATE WHEREVER YOU WANT

Control unit complete with Wi-Fi for remote management up to 16 zones!



PLUS OF THE PROAIR ZONING CONTROL SYSTEM

Free App available on App Store and Google Play



Energy saving



Total design and integration



Plug and Play Solution



Consumption Accounts



Radiant floor control for heating, cooling and fan coils



Programming from App and control via smart speakers such as Alexa and Google Home



Possibility to set the desired temperature in every single room



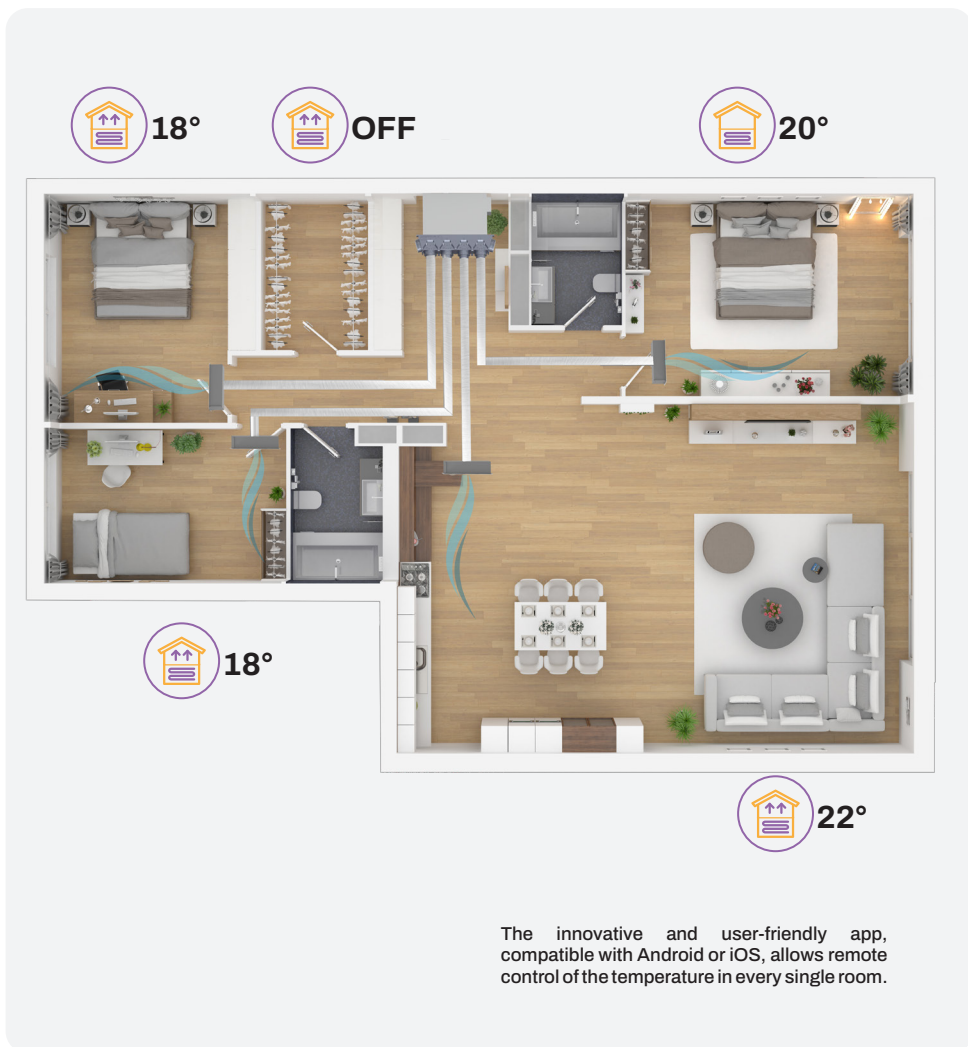
Control unit with color display, with communication protocols dedicated to the main brands of air conditioners

PRO AIR SYSTEM

The ideal climate wherever you want

Managing temperatures in homes and offices has never been so simple: starting today, there's ProAir Multi-Zone, the **Multi-Zone Management System** entirely designed and manufactured by Tecnosystemi S.p.A. Benefit Corporation.

ProAir Multi-Zone controls not only the temperature of each zone, but also the ducted unit and, where required, the motorized bypass, for a complete all-round system. Communication with the control unit via RF (radio frequency) or wired chronothermostats ensures reliability and precision for your system.



The innovative and user-friendly app, compatible with Android or iOS, allows remote control of the temperature in every single room.

WITH THE POLARIS CONTROL UNIT YOU CAN MANAGE THE SYSTEM WITH ALEXA AND GOOGLE HOME



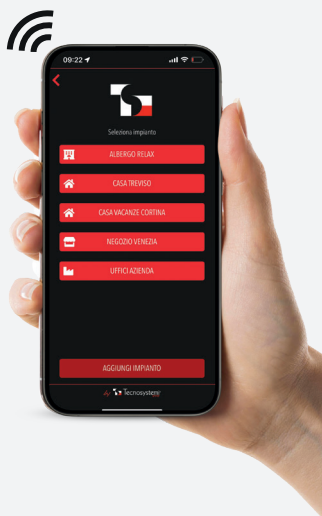
SETS 20°
IN THE KITCHEN



USE THE APP "PROAIR MULTI - ZONE CONTROL SYSTEM" TO CONTROL UP TO 20 UNITS AT ANY TIME, IN ANY PLACE!

To access the control unit functions **use the Tecnosystemi multi-zone control system app**, with which you can monitor and run your system in real time by means of a remote control. Whether you're at home, in the office or travelling, you can remotely control your air conditioning units in a simple, practical way.

Controlling your home's air conditioning is now even easier!



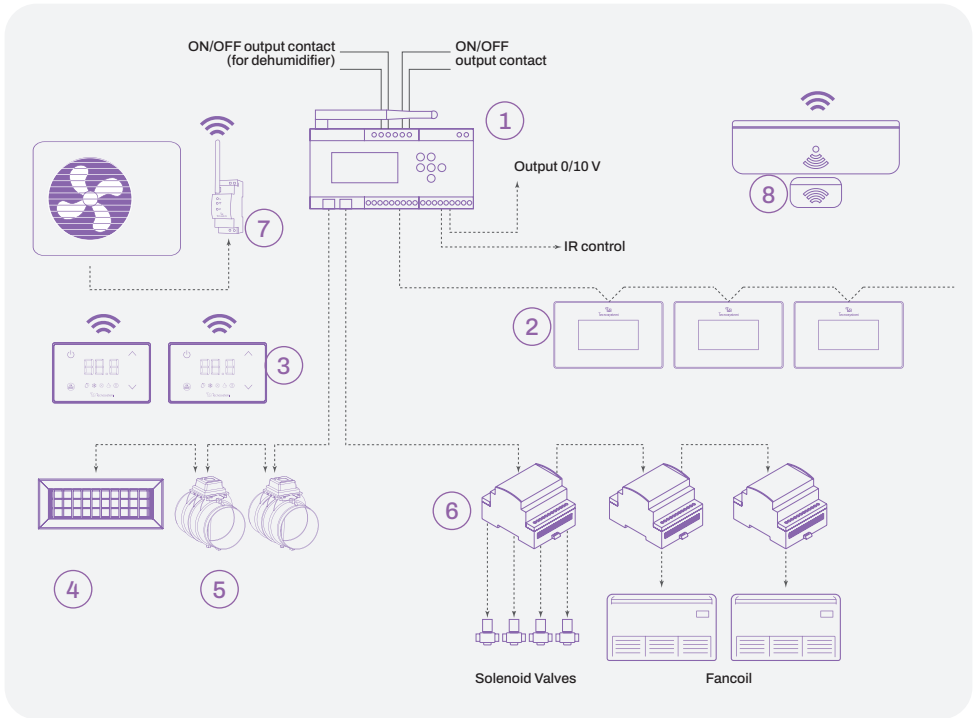
Free app available on:



Tecnosystemi

PRO AIR SYSTEM

Example of application



1

POLARIS 5X

CONTROL UNIT WITH COMMUNICATION PROTOCOLS

- Power supply: 100 – 240 VAC, 50/60 Hz
- Dimensions: W 160 × H 90 × D 34 mm
- Data communication with chronothermostats: via RF 868 MHz with a range of 50 m in open field, or via 4 × 0.22 cable with a maximum range of 100 m between Polaris 5x and the last chronothermostat
- Ducted system management: On/Off, 0–10 V, or 0–3 V (with relay module)
- Dehumidifier enable contact
- Energy consumption monitoring of the air conditioning system
- Window contact management
- Wi-Fi 2.4 GHz connection, local or remote, for control via Tecnosystemi app or voice commands
- Interconnection with ducted units via IR communication supporting 30 communication protocols
- ON/OFF inputs for alarms
- Two output lines (Out1 and Out2) for actuator control
- Firmware updates for the control unit directly via the app





STEALTH 3X

BUILT-IN WIRED, BACKLIT,
PROGRAMMABLE, TOUCH THERMOSTAT

- Power supply and data transmission: 4-pin cable
- 4.5" LCD display with white backlit background
- Touch keypad
- Functions: Chrono or manual
- Automatic or manual adjustment of damper and grille
- Timed thermostat lock
- Temperature scale °C / °F
- RH display in %
- AT and set point value
- Clock (AM - PM / 24h)
- Daily and weekly function
- Signal range 100 m max between programmable thermostat and POLARIS control unit
- Protrusion from flush wall 15 mm
- Wall fastening on E503 type boxes by means of adapter, screws and fixing plugs (supplied)
- Compatible with the Polaris 5X control unit



MINI LED ASTRA

TOUCH RADIO-FREQUENCY
THERMOSTAT, BATTERY-POWERED

- Power supply battery 2 x 1.5 V type AAA (LR03) supplied
- Battery life 18 months (normal use)
- 868 MHz RF radio frequency data transmission
- RF signal capacity 50 m max in open field between the chronothermostat and the "Polaris 5X" controller
- Touch display with white background
- Backlight 5 sec.
- Functions: Chrono or manual
- Timed or manual features (*)
- Automatic or manual adjustment of damper and grille
- Thermostat lock
- Temperature scale °C/°F (*)
- Compatible with the Polaris 5X control unit



4

MOTORISED DELIVERY GRILLE WITH GASKET FOR SYSTEM

- Removable motor that can be positioned at: 0° - 90° - 180° - 270° - 360°
- Mounted using steel clips
- Iaps with rubber gasket for a complete seal



5

MOTORISED CIRCULAR DAMPER/ MOTORISED CIRCULAR BY-PASS FOR SYSTEM

- Removable motor that can be positioned at: 0° - 90° - 180° - 270° - 360°
- Made of anti-condensate plastic material
- Ensures thermal insulation between the inner and outer surfaces



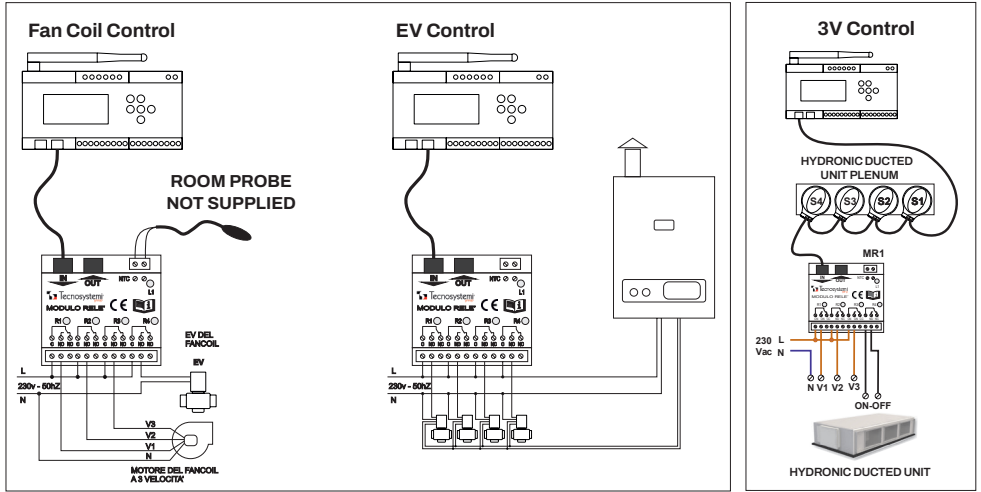
6

RELAY MODULE FOR RADIANT SYSTEMS AND FAN COILS

- Connection to system with RJ45 plug connectors for 8-wire cables
- Fastening on DIN rail
- 2 modules dimensions W 70 x H 90 x D 62
- Power supply 24 Vdc
- 4 Output relays
- 4 LEDs to indicate the status of the relay
- LEDs for signalling and diagnostics
- Input for external temperature sensor (type ntc 10kΩ at 25°C, not supplied)
- Contact rating:
 - maximum resistive load 8A at 230 VAC
 - maximum inductive load 6A at 230 VAC
 - maximum resistive load 5A at 30 VDC
 - maximum inductive load 3A at 30 VDC



Wired connection examples



7

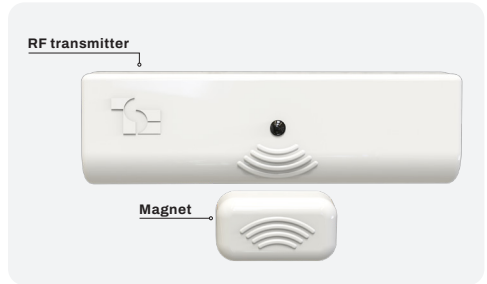
CONSUMPTION METER FOR PROAIR SYSTEM

- 2 modules dimensions W 70 x H 90 x D 62
- Fastening on DIN rail
- Radio frequency data transmission with the "Polaris 5X" control unit
- Current sensor supplied
- LEDs for signalling and diagnostics
- Can only be combined with "Polaris 5X" control unit



WINDOW CONTACT IN RADIO FREQUENCY FOR PROAIR SYSTEM (ALSO PREPARED FOR WIRING)

- Power supply CR2032 battery (supplied as standard)
- RF transmission with "Polaris" control unit
- RF module and magnet
- RF module provided with terminal for management of a wired window contact
- Red window open LED
- Can be configured by the "Polaris" control units for Badge Management
- RF transmitter module dimensions 95 x 29 x 20 mm
- Dimensions of magnet 38 x 19 x 13 mm



EXAMPLE WITH RF TRANSMITTER MODULE



EXAMPLE WITH RF TRANSMITTER MODULE WITH WIRING



INSTALLATION WITH RF TRANSMITTER

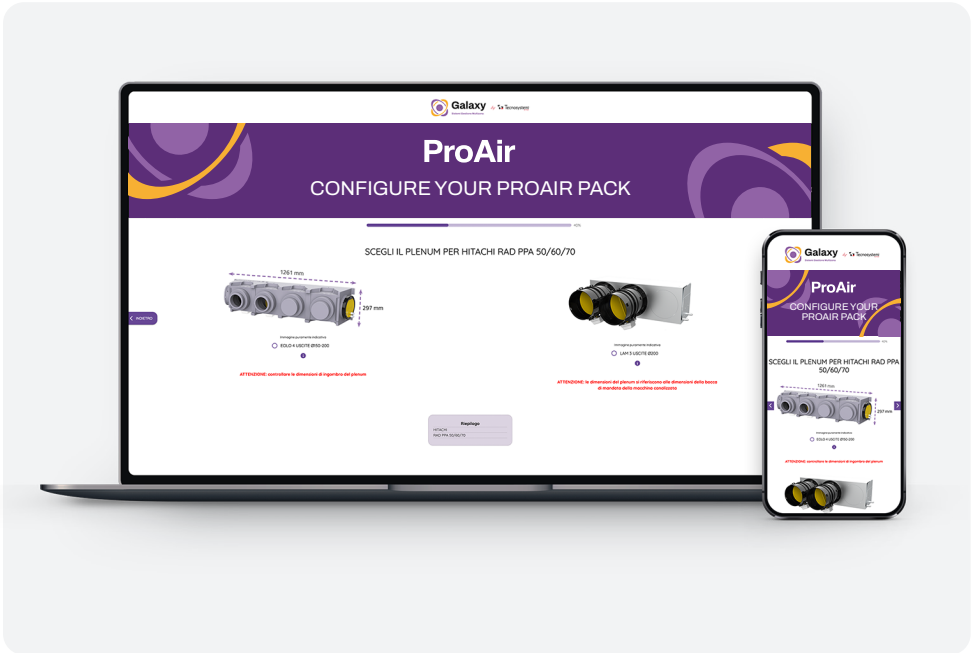
Application recommended for wireless installation. In this mode, the RF transmitter or multiple RF transmitters associated with a zone, transmit directly to the control unit.

WIRED INSTALLATION WITH RF TRANSMITTER

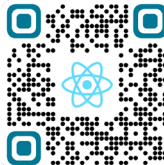
Recommended application when the RF transmitter and the Polaris control unit are out of RF range. **A wired window contact (not supplied by Tecnosystemi)**, will be connected to the terminal board available in the radio module of the RF transmitter which will send the signal for opening or closing of the window via RF to the control unit.

OUR CONFIGURATORS

Automatically generates quotations and datasheets for the chosen products



CONFIGURE YOUR PROAIR PACK



CONFIGURE YOUR PROAIR PACK HYDRONIC



CONFIGURE YOUR SYSTEM WITH ALL THE SEPARATE COMPONENTS OF THE PROAIR SYSTEM

SYSTEM START-UP AND AFTER-SALES TECHNICAL SERVICE PROAIR PORTAL



Tecnosystemi's technical after-sales service uses the '**Proair Portal**'. The portal allows remote monitoring of the operating status of Proair systems used by customers through the APP: the service is provided in full respect of privacy.

This portal allows:



The user to check the App configuration result on the platform



The remote verification of the update status of Proair systems



Supporting the customer of Tecnosystemi's customer support service before carrying out an intervention on-site to resolve an issue or an error in the system



Notifying any activities carried out in remote mode or by the customer support service to ensure the correct operation of the system

Scan the QR code to see the start-up service rates for the **proair system**



Tecnosystemi offers you the **first start-up of the Proair system**. Our qualified service centre is at your disposal.

N.B: Start-up of the Proair system is not mandatory

ProAir 
pack RF-eolo

ProAir 
pack RF-L

ProAir 
pack CAB-eolo

ProAir 
pack CAB-L

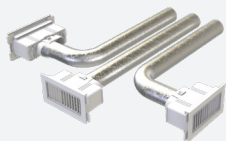
The "kit rapid" are designed for proair pack ventilation systems.

When creating a ducted air conditioning system, the pre-packaged kits facilitate the customer in choosing the items necessary for the distribution of air in the individual environments, **without the possibility of error.**

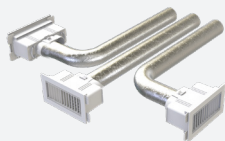
The "kit rapid" are available for the proair pack systems with 2 - 3 - 4 - 5 - 6 zones with circular connections of \varnothing 125 / 150 / 200 mm. The possibility of choosing between delivery nozzles with adjustable flaps, with 15° inclined flaps and with linear diffusers with 2 slots, provides everything needed to create and complete the installation of the ducted unit with high quality products, with every detail covered from a technical, functional and aesthetic point of view.

The regulation of the temperature and air flow of the single zone is managed by the proair pack system chrono thermostats that are used to achieve the maximum performance and optimum comfort inside homes or offices.

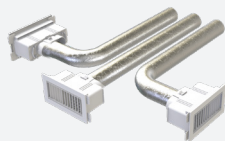
ATTENTION: the plenum is included in the Proair Pack



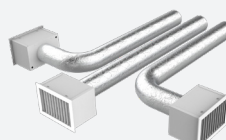
KIT RAPID with \varnothing 125 connections and nozzle with anti-condensation white ABS plastic



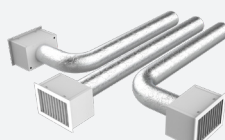
KIT RAPID with \varnothing 150 connections and nozzle with anti-condensation white ABS plastic



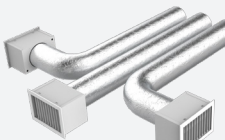
KIT RAPID with \varnothing 200 connections and nozzle with anti-condensation white ABS plastic



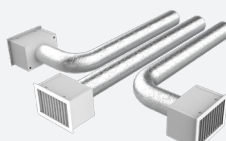
KIT RAPID with \varnothing 125 connections and adjustable flap nozzles



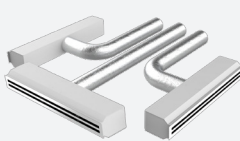
KIT RAPID with \varnothing 150 connections and adjustable flap nozzles



KIT RAPID with \varnothing 200 connections and adjustable flap nozzles



KIT RAPID with \varnothing 150 connections and 15° inclined flap nozzles

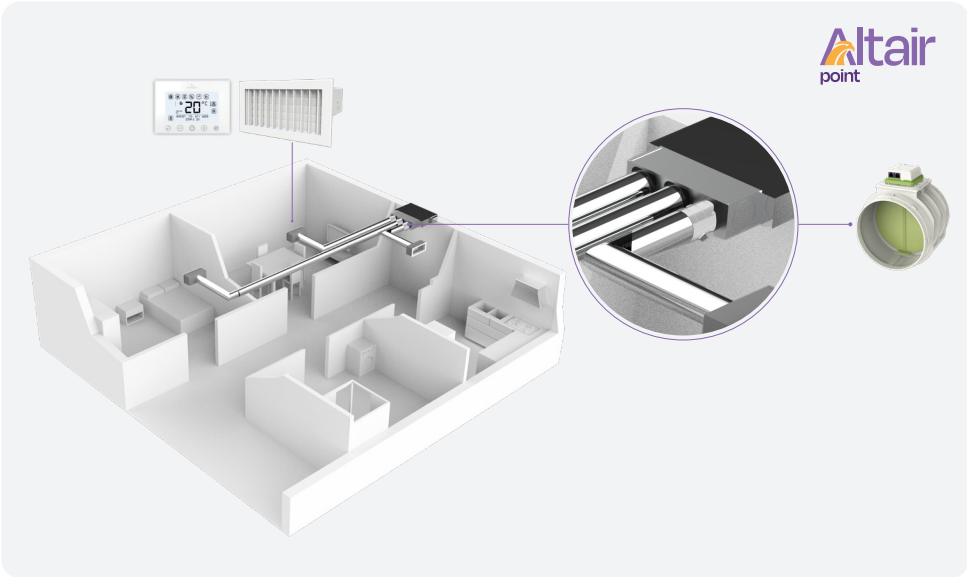


on request

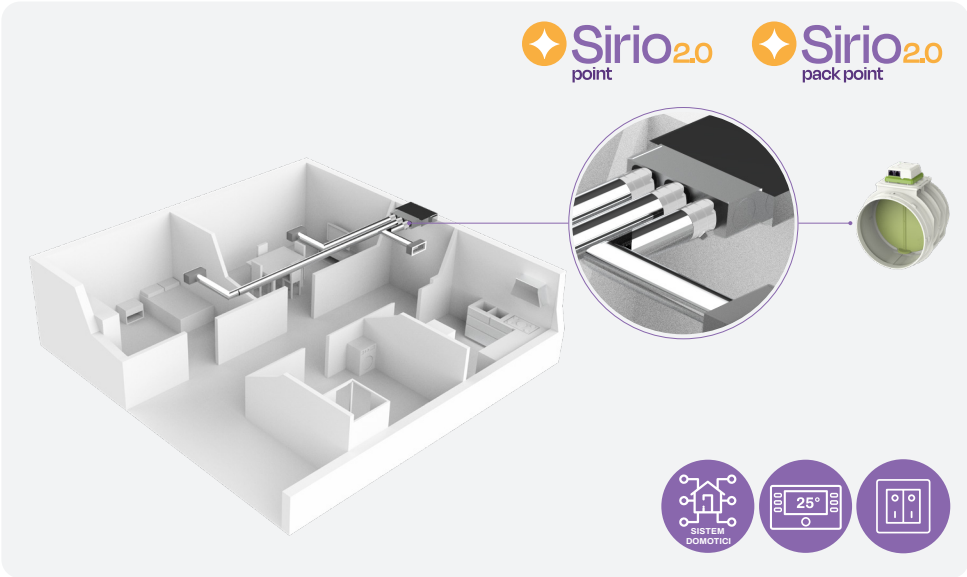
KIT RAPID with \varnothing 150 connections and linear diffusers

POINT SYSTEM

ACCURATE ROOM TEMPERATURE MANAGEMENT
WITH MOTORIZED GRILLE OR DAMPER

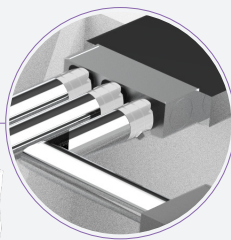
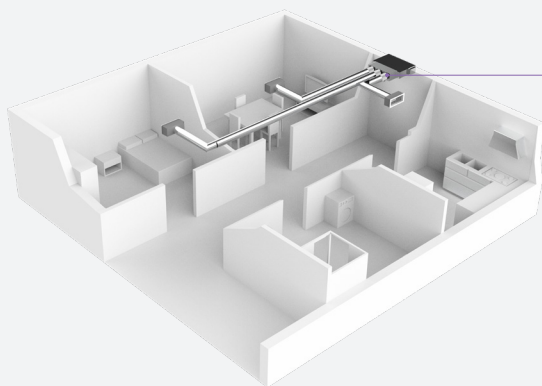


MOTORIZED BUTTERFLY DAMPER
FOR SINGLE-ZONE SYSTEM



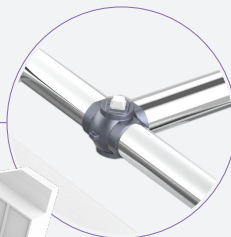
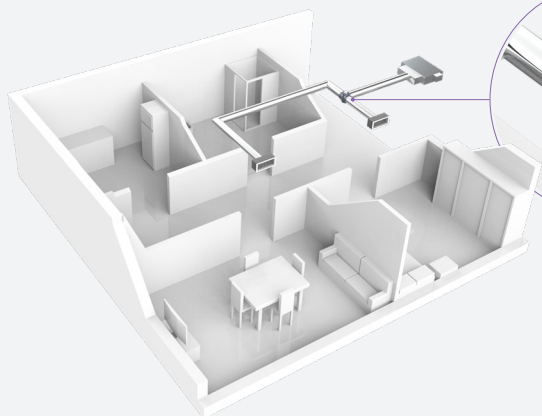
MOTORISED BUTTERFLY DAMPER FOR POINT SYSTEM

 **Sirio** 0.10V  **Sirio** 0.10V
pack

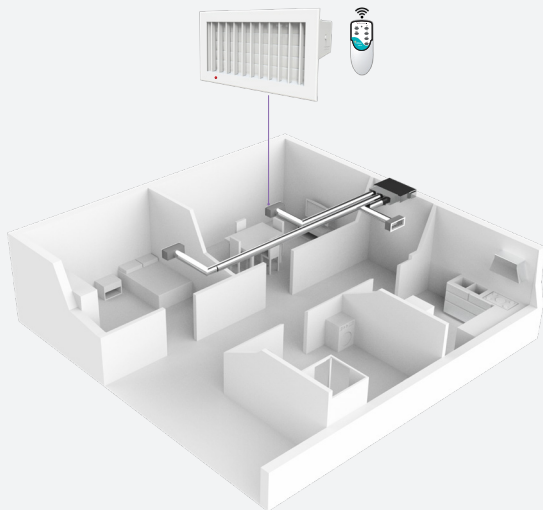


“T” FLOW DIVERTER WITH MOTORISED DAMPER FOR POINT SYSTEM

 **Sirio** 3.0
devio point



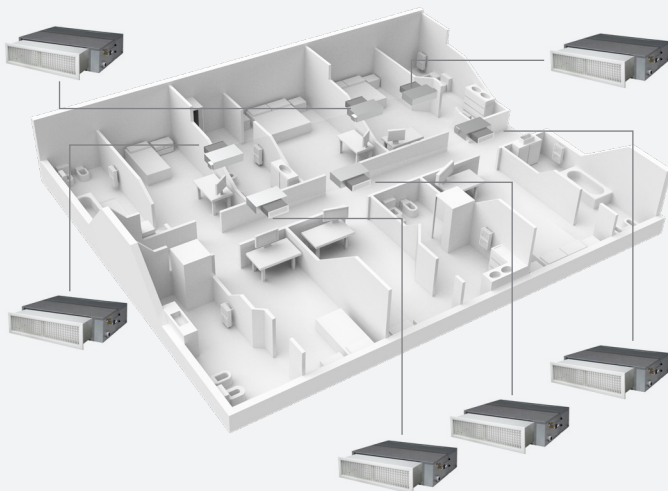
WHITE MOTORISED DELIVERY GRILLE WITH REMOTE CONTROL IR



THE GRILLE CAN BE ADJUSTED INTO 4 POSITIONS:

- 25% \rightarrow 1/4 
- 50% \rightarrow 2/4 
- 75% \rightarrow 3/4 
- 100% \rightarrow 4/4 Maximum opening 

WHITE PAINTED MOTORISED DELIVERY NOZZLE WITH OR WITHOUT TELESCOPIC PLENUM FOR LOW-PREVALENCE DUCTED UNITS



Tecnosystemi S.p.A. Società Benefit

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