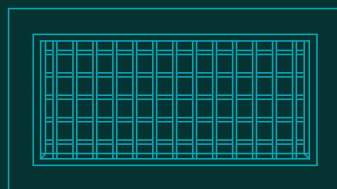
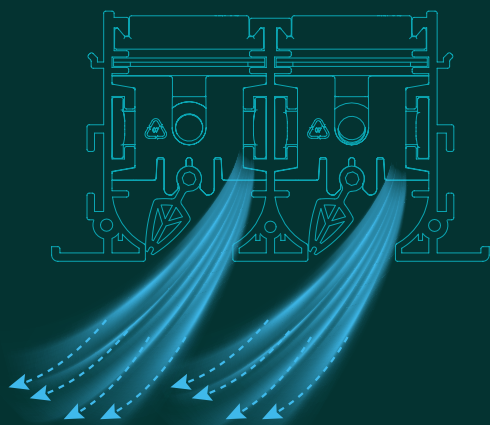
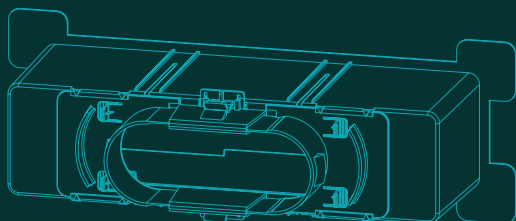
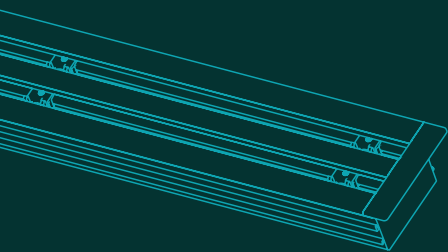




Project Wind

Ventilation Solutions

GRILLES, PLENUMS AND DIFFUSERS IN ANTI-CONDENSATION PLASTIC



 **Tecnosystemi**[®]
group

TECNOSYSTEMI FAMILY-OWNED COMPANY WITH AN INTERNATIONAL VISION

We are an **independent family business**, a **100% Italian leader in the HVAC sector**, and our story tells of the passion for sustainable excellence and innovation that stands out for the elegant design of its products in a sector that is traditionally marked by cheap solutions with little attention to style.

Innovation and **technological** development are the foundations of our business strategy, rooted in a synergy that allows us to continuously optimise our products and processes while dialoguing with our corporate vocation of dedicated care entrepreneurship and sustainability. We are two different souls that have brought to the company a relationship of over thirty years, marked by major investments in automation and processes.

This heritage is also enhanced through specific events, our customers and employees, the network of agencies that over the years we have built with effort dedication, and that we want to support by opening

the doors to our world. Our vision focuses on a new concept of a **cooperative** and **civilly responsible economy** where we work every day with a great sense of responsibility, listening skills and far-sightedness in developing innovative and **customised products** to meet market needs, maintaining the highest standards of **quality, sustainability** and **design**.

♥♥ **Our governance is solid, present, and visionary, placing the value of family at its core, understood as authenticity, presence, and continuity.**
Thanks to this, we have been able to enhance our identity and grow steadily while remaining true to our roots. ♥♥



Anna Munari
CEO

Giorgio Rigoni
Chairman and Sales Director

Federica Rigoni
Operation Direction

PLANT 1

Extrusion & Injection

Condensate pump & Pico production

Manual kits

Packaging of plastic accessories

Shipping & Logistics

Vertical kit packaging



Rubber molding

Copper insulation

Packaging Brackets & Rubber

Production of barriers of air curtains

Production of heat recovery units

ProAir production

Production of linear diffusers

Corrugated and spiral tube molding

PLANT 2



PLANT 3

Packaging of trays

Sheet metal bending

Plenum packaging

Laser cutting

Painting



A TRULY ITALIAN STORY



**Tecnosystemi
is found**

1992



**The transition to a
manufacturing company**

1996



Transfer to Vittorio Veneto

2002



**Tecnosystemi becomes
a Benefit Company**

2021



**Expansion of the production
plant and redesigns
the headquarters**

2019-20



**A strategic change of
perspective towards the future**

2013



**Completion of the 500 kW
photovoltaic system**

2022



A second production plant

2023



A third production plant

2024-25

TS HUB

Where connections
happen

Innovation takes shape in a new exhibition space dedicated to our history, created in collaboration with architect Andrea Castrignano, through the values that guide us and the products that represent us.

A place that enhance you to experience the various high quality installation solutions firsthand. Contact your area manager to book an experiential visit to TS-Hub.



MANAGEMENT SYSTEMS, ITALIAN MANUFACTURING, **CERTIFICATIONS**

We have always been committed to improving the quality of our products, services, and all company processes.

To support these processes, we have begun a process of progressively implementing **externally certified management systems**. The cornerstone is the **ISO 9001:2015** system, ensuring an **organized corporate structure** focused on continuous improvement.

With the **ISO 45001:2018 health and safety** certification, we are able to create a safe work environment based on protection, training, and prevention that cares about all our people.

Increasingly attentive to environmental impact issues, we have achieved **UNI EN ISO 14001:2015** certification; since 2024, we have been using exclusively **energy** from renewable sources and have completed our first organizational carbon footprint to analyze emissions reductions throughout the entire supply chain.

Regarding our manufactured products, we have initiated a selection process for **TÜV SÜD certification**, which provides an additional guarantee of quality and installation safety.

Furthermore, having completed the LCA analysis on various product lines, we have obtained the corresponding **environmental product declarations**, in accordance with the ISO 14025 standard. The goal was to quantify our environmental impacts throughout the life cycle of the products placed on the market.

We believe in a fair environment, where merit truly matters, where we can discuss skills without tying them to stereotypes, where opportunities are equal for everyone, and where respect is the foundation for creativity, innovation, and well-being.

And that's why in March 2026, we achieved **UNI/ PdR 125:2022 certification**, conducted by the independent certification body **Bureau Veritas**, which reflects an organizational culture based on the concept of transparent and inclusive governance.

We are happy and proud to contribute to maintaining the high value of **Made in Italy** products worldwide, a value we consider unique and indispensable given our very nature as 100% Italian producers.

To celebrate our commitment, we have decided to support the **ItalyX Certification** process: a certification dedicated to Italian manufacturing companies, obtained following an audit conducted by Bureau Veritas according to strict specifications.

Among the main prerequisites and parameters that attest to the excellence and Italianness of its products are: **design, production, ownership, and R&D in Italy; high standards of style and creativity; Italian suppliers and subcontractors; and Italian-owned patents.**

OUR CERTIFICATIONS



See the certified wall brackets



Score 97/100

EPD CERTIFICATION

 **EPD**
INTERNATIONAL EPD SYSTEM

In our commitment to **fighting climate change**, we have structured several objectives and multi-year action plans, both organizationally and in terms of product research and development. These include plant **energy audits**, a **decarbonization plan**, LCA analyses, and EPD certifications.

The **EPD** is a third-party-certified environmental product declaration (EPD) compliant with the international standard **ISO 14025**. It allows us to communicate the environmental impacts of our analyzed products in a transparent, certified, and objective manner.

Thanks to the results and indicators, we are able to monitor our performance with a view to continuous improvement within a multi-year impact reduction plan.

Certification begins with an **LCA** analysis that examines a **product's impacts** throughout its life cycle, quantifying its consumption and emissions. We then proceed with the product certification process, quantifying, among other things, the energy and natural resources used in production and distribution processes, CO2 emissions, packaging materials, and waste generated.

In 2024, we obtained the first EPD certifications for the **white Optima and Excellens trunking lines**, and in 2025, certifications for exposed and concealed **linear diffusers** and **PVC grilles**.

These initial important results are just the starting point of a **three-year commitment** to environmental certification for our wide range of products.



Discover more



WHY CHOOSE PRODUCTS MADE OF PLASTIC MATERIAL

Plastic is a condensation-resistant material due to several physical and chemical properties. **It has low thermal conductivity: it prevents the rapid transfer of heat between the external and internal environments**, reducing the formation of condensation. Its flexibility and ability to adapt to temperature changes without deforming also make it **resistant to thermal shocks**.



LOW THERMAL
CONDUCTIVITY



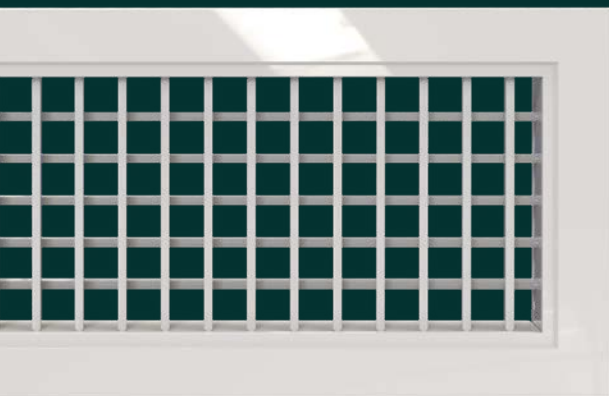
RESISTANCE TO
THERMAL SHOCKS



CONDENSATION-
RESISTANT AND
EXCELLENT
INSULATION



ANTI UV-RAYS



 **EPD**®
THE INTERNATIONAL EPD® SYSTEM

BPAP

White ABS plastic supply and return
grille, condensation-resistant

ZEFIRO BOX

Telescopic plenum in white,
condensation-resistant polystyrene



LINEAR DIFFUSER

BPAP

TECHNICAL SPECIFICATIONS

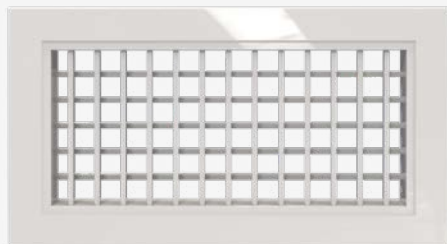
- One-piece moulded frame made of ABS plastic white ANTI-UVA
- Adjustable tear drop-shaped flaps with 20 mm centre distance in ABS, easily adjustable with simultaneous motion
- Can be coupled with "ZEFIRO BOX" plenum with clip fastening

The anti-condensation ABS plastic supply and return air grilles ensure **efficient air distribution and prevent condensation** from forming inside air-conditioning systems.

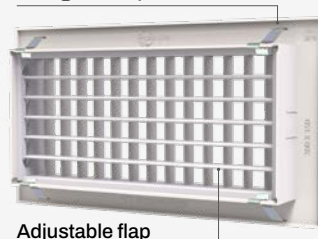
The grilles are easy to install and can be adapted to various system configurations. The grille frame is molded as a single piece from white UV-resistant ABS plastic. The grille is equipped with ABS plastic blades featuring an airfoil (drop-shaped) profile and a spacing of 20 mm.

The blades can be easily adjusted simultaneously.

The grille can be connected to the PS "ZEFIRO BOX" plenum by means of clip fastening.



Fixing with clips



Adjustable flap



TECHNICAL SPECIFICATIONS

- Made of PS (polystyrene) anti-condensation plastic
- Adjustable butterfly calibration damper
- Side clips for tube locking
- Telescopic rear collar for hoses of various diameters
- On the four outer sides, there are fins for fixing the plenum to plasterboard with screws or for resting it on brick walls.
- Included bubble level, except for models 200x100 and 300x100
- Fixing on plasterboard with self-threading screws on the 4 side flaps
- Side clips for tube locking
- Hook between the grille and plenum with polystyrene clips
- Fixing on both plasterboard and brick

PS (polystyrene) plastic plenum equipped with an adjustable oval rear connection that allows the connection of flexible ducts of various diameters.

A butterfly balancing damper enables the adjustment and balancing of airflow within the room. Tabs located at the four front corners allow the plenum to be fixed to plasterboard using screws or supported on masonry surfaces. Plastic clips enable the fastening of flexible ducts to the designated connection points.

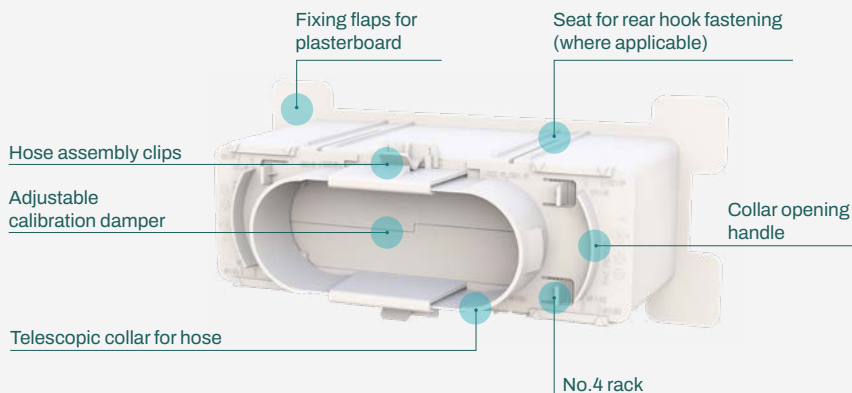
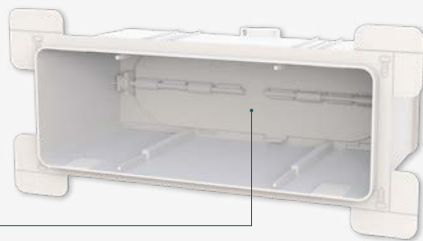
Accessory:

Telescopic mounting bracket kit for rear fixing

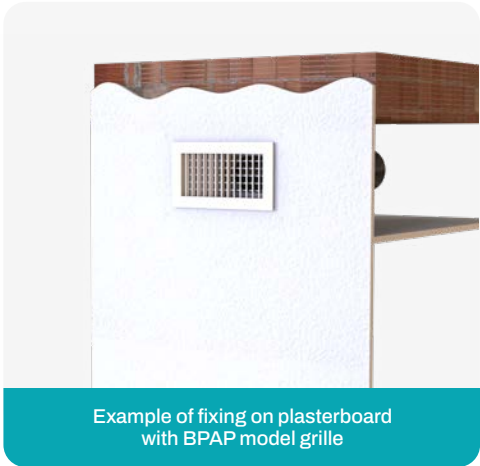
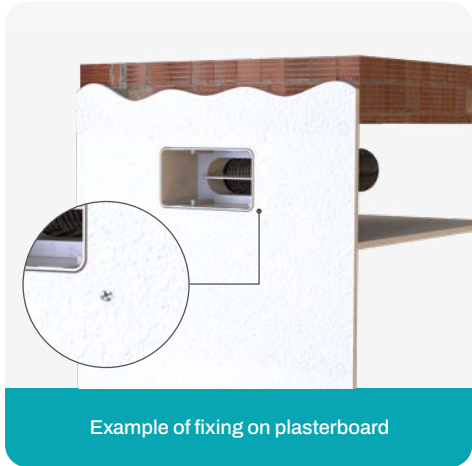
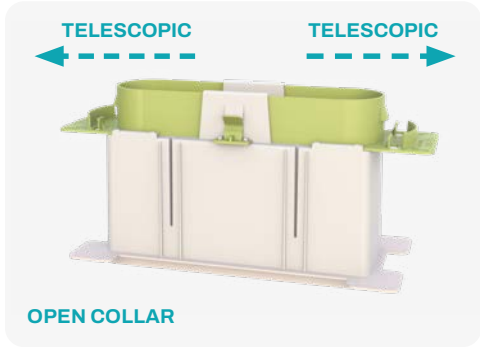
SPEED UP INSTALLATION AND SAVE TIME!

NO MORE CABLE TIES OR WIRE CLAMPS
TO SECURE THE DUCT TO THE COLLAR

Level included
except models
200x100 and 300x100



DETAIL TELESCOPIC REAR COLLAR FOR HOSES OF VARIOUS DIAMETERS



LINEAR DELIVERY DIFFUSERS

EPD®
THE INTERNATIONAL EPD® SYSTEM



MADE IN ITALY

ANTI-CONDENSATION PVC DIFFUSERS WITH 1, 2, 3 OR 4-SLOT DAMPERS

TECHNICAL SPECIFICATIONS

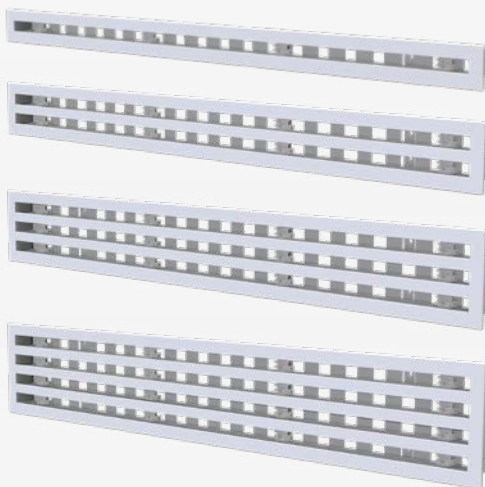
- Manufactured from anti-condensation PVC
- Operating temperature: -30°C to +60°C
- Screw and bracket fixing system
- Suitable for wall or ceiling installation
- Matt white finish
- Galvanised steel plenum insulated with closed-cell polyethylene, available separately
- Integrated balancing damper
- Continuity kit available separately

1-2-3-4 SLOTS

DAMPER

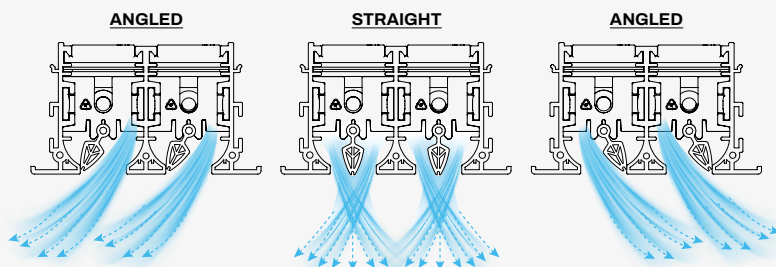
CENTRAL DEF.

From 600 to 2000 mm



Also available in aluminium

LAUNCH EXAMPLE



Delivery diffusers with 2 slots, damper and central deflectors

RETRACTING LINEAR DELIVERY DIFFUSERS

EPD®
THE INTERNATIONAL EPD® SYSTEM



MADE IN ITALY

IN ANTI-CONDENSATION PVC WITH INSULATED PLENUM

TECHNICAL SPECIFICATIONS

- Linear retracting diffuser in anti-condensate PVC available
- Available with 20 or 30 mm slot, in white or black finish
- Galvanized steel sheet plenum externally insulated with 1/8" thick closed-cell polyethylene
- Suitable for air delivery
- Adjustable damper
- Air inlet collars included in the package (not assembled)
- Provisions for additional ducting and for MVHR Ø3" / Ø3-1/2" (ref. ACD600089 - ACD600090)
- False ceiling mounting brackets included in delivery
- Compatible with PWC500027 continuity kit
- Fire resistance rating V0
- Operating temperature: -30°C to +60°C
- Fastening by screws
- For wall / ceiling installation
- Central deflector to direct the airflow

SLOT 20 or 30 mm

CENTRAL DEF.

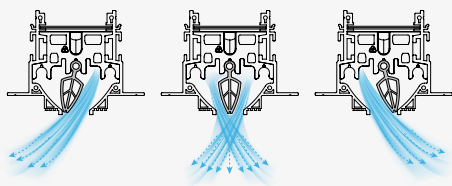
LATERAL DEF.

From 600 to 2000 mm

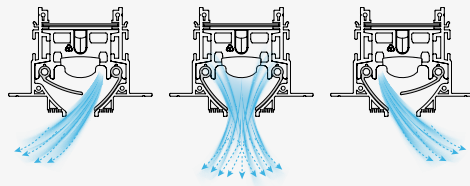


Also available in aluminium, and/or without plenum

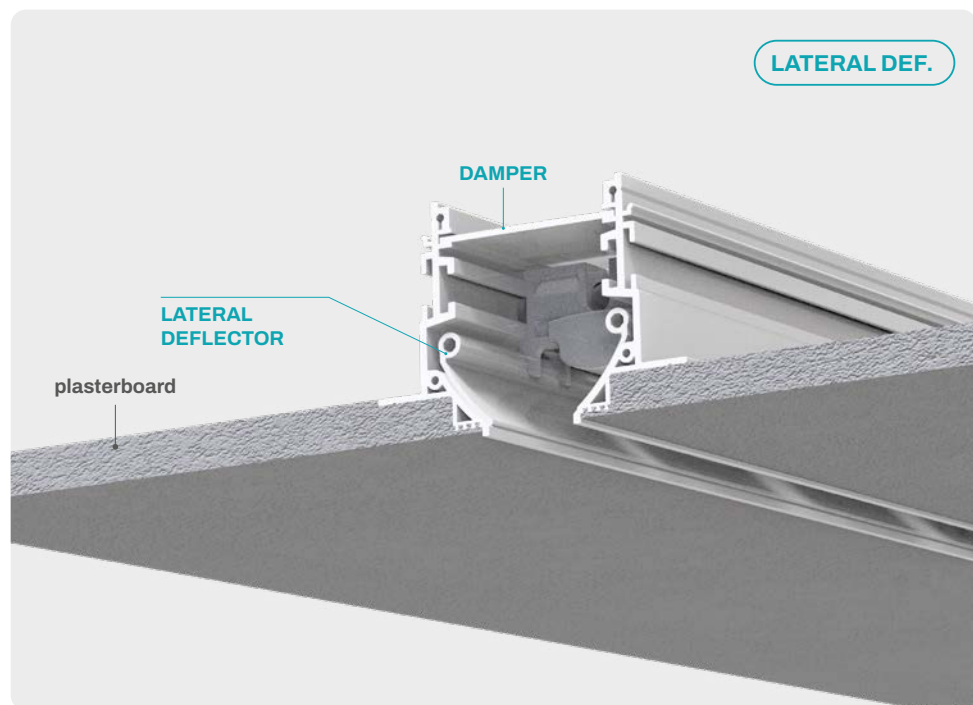
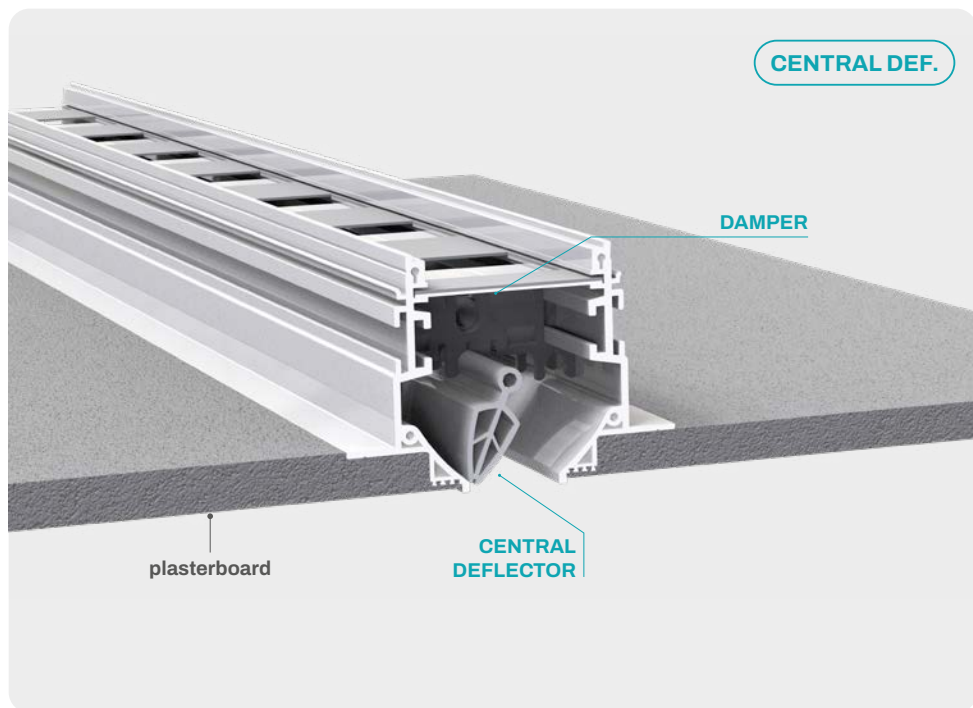
LAUNCH EXAMPLE



With central deflector



With lateral deflectors



RECESSED LINEAR DIFFUSER

MADE IN ITALY



NEW

IN PLASTIC PVC ANTI-CONDENSATION AND TWO/THREE CENTRAL DEFLECTORS WITH INSULATED PLENUM

TECHNICAL SPECIFICATIONS

- Made of anti-condensation PVC plastic
- Available with 58 and 88 mm slot in white or black
- Polyethylene coated galvanized sheet plenum with closed cells (sp.3mm)
- Operating temperature: -30 °C + 60 °C
- Fastening with screws and brackets
- For wall / ceiling installation
- Inlet collars included in the package (not assembled)
- Provisions for additional ducting and for MVHR Ø75/90 (ref. ACD600089 - ACD600090)
- Central deflectors to direct airflow

58 mm

2 DEFLECTORS

From 600 to 2000 mm



Also available without plenum

88 mm

3 DEFLECTORS

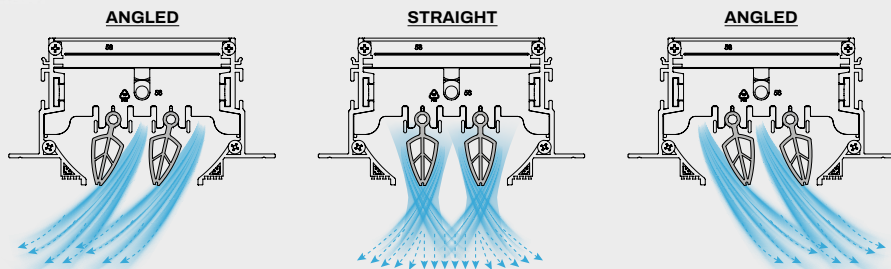
From 600 to 2000 mm



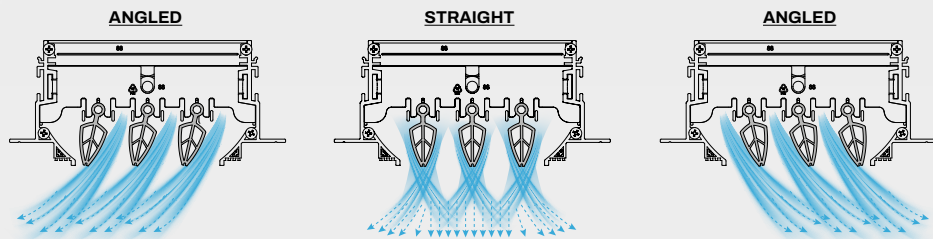
Also available without plenum



LAUNCH EXAMPLE



LAUNCH EXAMPLE



Tecnosystemi S.p.A. Società Benefit

PLANT 1 – Via dell'Industria, 2/4
PLANT 2 – Via Caduti del Lavoro, 7
PLANT 3 – Via Caduti del Lavoro, 5
Z.i. San Giacomo di Veglia
31029 Vittorio Veneto (TV)

Tel +39 0438.500044
Fax +39 0438.501516
info@tecnosystemi.com
VAT-nr. TV IT02535780247
Capital liability € 5.000.000,00 i.v.

CERTIFIED
UNI PDR 125



www.tecnosystemi.com

