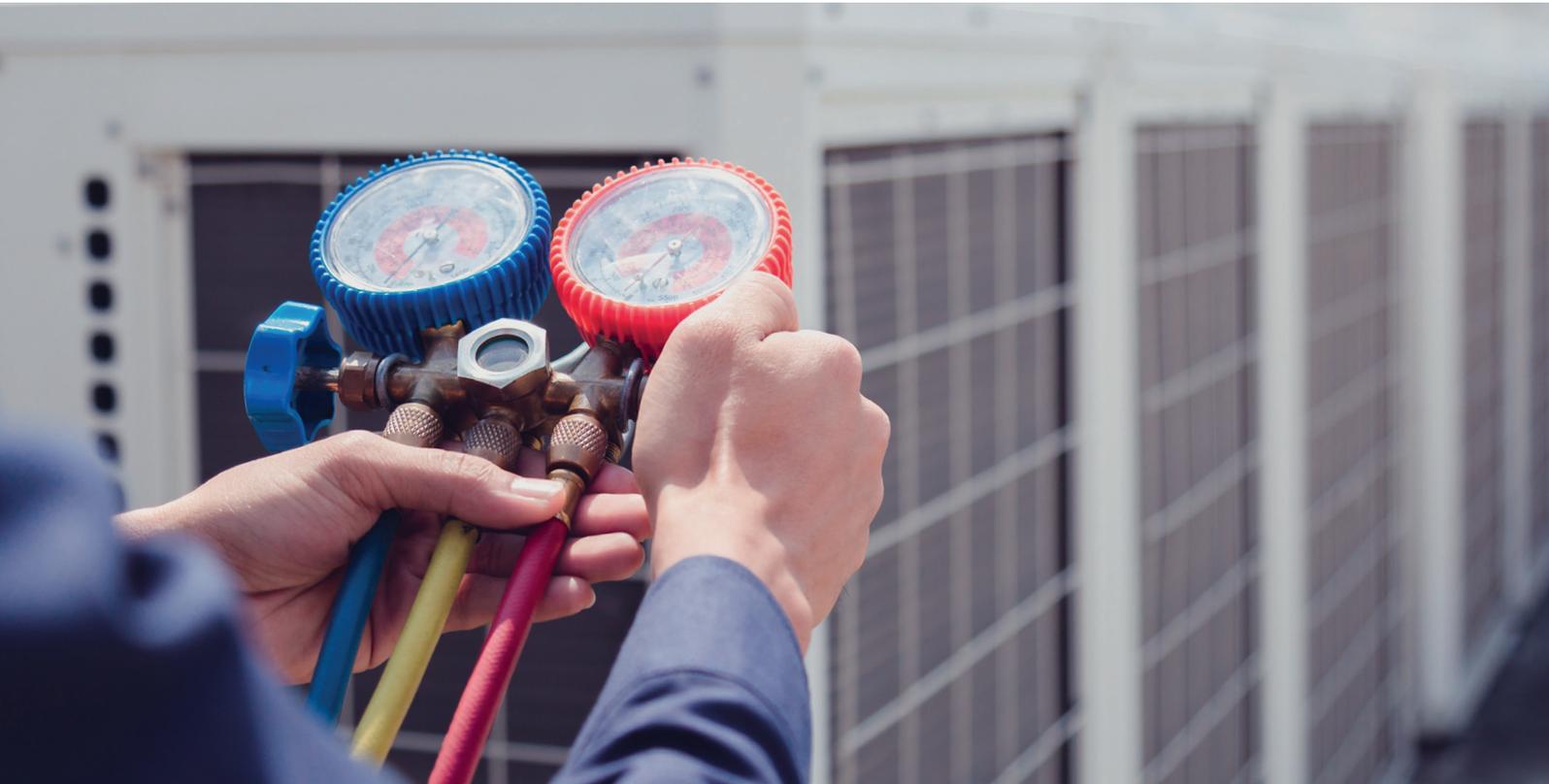




# Unex solutions for air conditioning



[www.unex.net](http://www.unex.net)

## Index

Unex solutions for air conditioning . . . . .	<b>3</b>
Ducted air conditioning systems . . . . .	<b>5</b>
Cassette air conditioning systems . . . . .	<b>7</b>
Split type air conditioning systems . . . . .	<b>9</b>
Outdoor air conditioning systems . . . . .	<b>12</b>
Advantages of Unex products . . . . .	<b>13</b>
Unex product ranges for the installation of air conditioning systems . . .	<b>14</b>

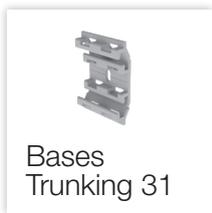
# Unex solutions for air conditioning

Unex solutions solve the management of pipes and cables of the air conditioning systems in homes, offices and commercial premises, adapting to the specific needs of the different spaces. An overall solution, clean and respectful with the construction which minimizes the need for works, facilitates maintenance and provides a good aesthetic finishings.

## Split type installations



## Cassette type installations

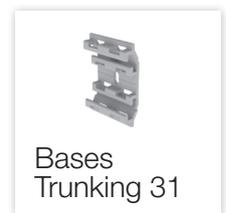




### Outdoor installations



### Ducted installations



### Installations in construction voids



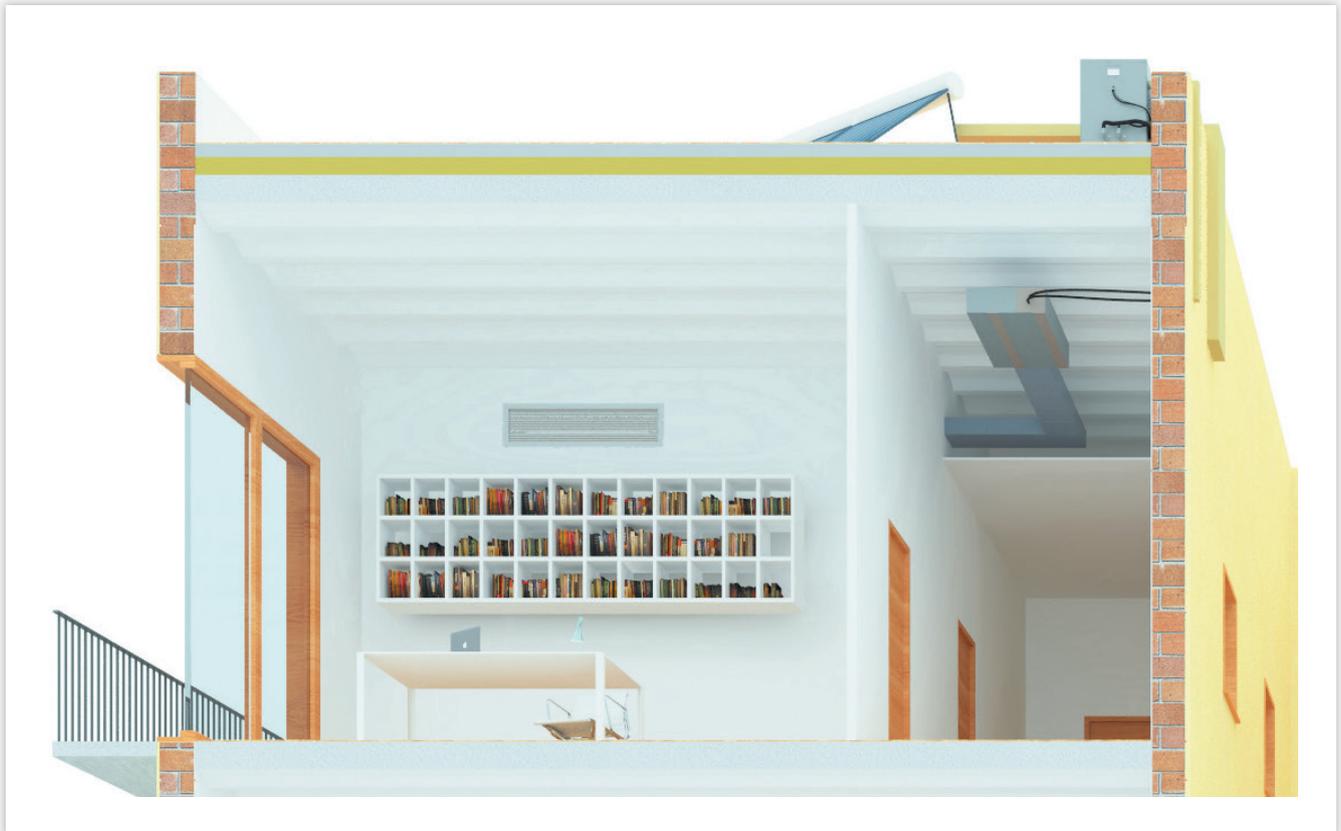
# Ducted air conditioning systems

## Centralised in false ceiling

For complete renovations or new construction.  
They allow to air-condition several rooms of the same property.

## Requirements

Distribute pipes and cables quickly, easily and safely through false ceilings.



## Unex Solution

### Wall plug 25

During the preassembly, the head of the Unex wall plugs ensures that they remain fixed to the wall, with no need to insert them completely, providing autonomy to the user while mounting. The head allows a perfect retention of the **Cable ties 22**.

Their flexible wings ease to better fix and fasten the pipes without damaging them.



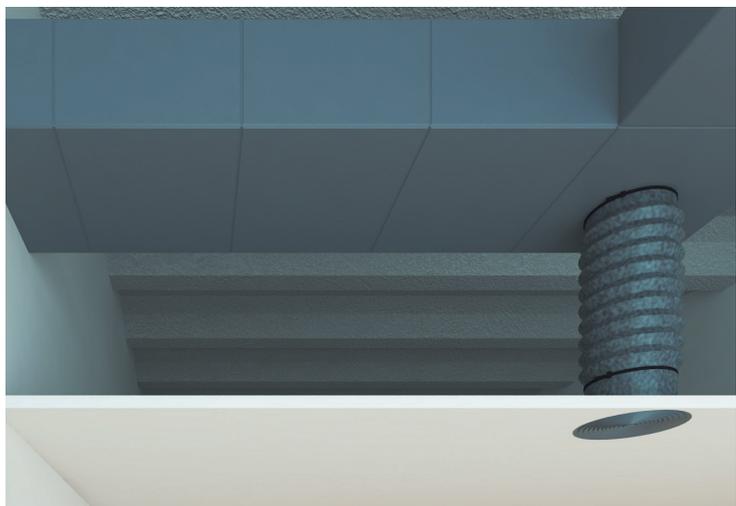
### Bases Trunking 31

Perforated bases that act as a multi-wall plug and allow an easy fixing and tying of several pipes and cables without dismantling the material already installed.



### Cable ties 22

Dimensions of up to 1200 mm in length for tying and fastening large diameter ducts.



# Cassette air conditioning systems

## Centralised in false ceilings

For complete renovations or new construction in open-plan premises.

## Requirements

Tie and securely fix pipes and cables from the outside unit to the inside unit in the false ceiling.



## Unex Solution

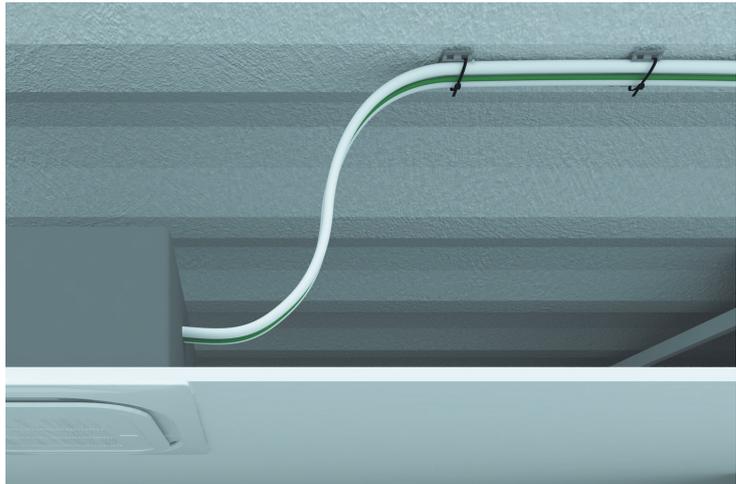
### Wall plug 25

During the preassembly, the head of the Unex wall plugs ensures that they remain fixed to the wall, with no need to insert them completely, providing autonomy to the user while mounting. The head allows a perfect retention of the **Cable ties 22**. Their flexible wings ease to better fix and fasten the pipes without damaging them.



### Bases Trunking 31

Perforated bases that act as a multi-wall plug and allow for easy fixing and tying of several pipes and cables without dismantling the material already installed.



### Cable ties 22

Easy, fast and manual threading. Insulating locking mechanism highly resistant, assures easy fixing and tightening of the cable tie.



# Split type air conditioning systems

## Surface mounting

The surface mounting does not require major work, it is used mainly in renovations and new construction of small dimensions.

## Requirements

The implementation of this type of air conditioning causes a significant visual impact in the environment. Therefore, materials are required to facilitate the handling of pipes and cables, to speed up the assembly process without damaging the walls, and to guarantee an aesthetic and lasting finishing through the entire installation.



## Unex Solution

### Trunkings 31: Open system

Innovative design, robust and rectilinear-shaped system which merge with the constructive elements.

**Flexible solution**, with different types of bases from which the installer can choose the one most suited to his needs.

The fastening of pipes and cables is completely independent.

Finishing elements with bending radii suitable for pipe laying.

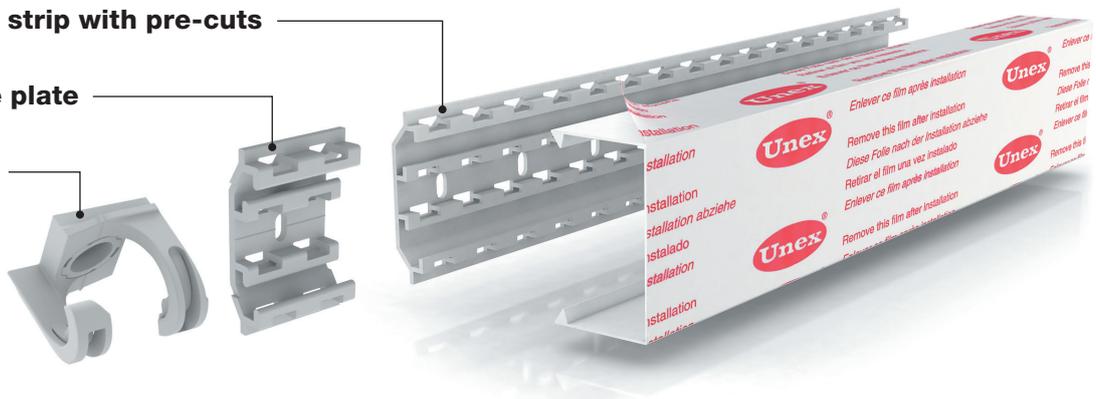
Supplied with protective film, the trunking arrives in perfect condition at the construction site.

It can be painted for a better integration in the environment.

#### Detachable strip with pre-cuts

#### Single base plate

#### Pipe clamp



For more details on the different types of assembly



The **Pipe clamp** fixes drain pipes with a diameter between 16 and 20 mm. Suitable for outdoor use. The cover ensures a good finishing and protects the pipe in outdoor installations.



## Unex Solution

### Trunking 30: Closed system

The rigidity of the trunking absorbs the deformation of the pipes and the wall unevenness, providing a good finishing to the installation. Includes retainers that contribute to the perfect cover holding.

Its fitting elements cover the cuts in the cover and the base.

Protected by film, the trunking arrives in perfect conditions to the site.

It can be painted for a better integration with the environment.



### Mini trunkings 78

Fixed directly to the wall to distribute the cables quickly and easily to the thermostat or power supply. Fitting elements and can be painted to reduce their visual impact on the environment.



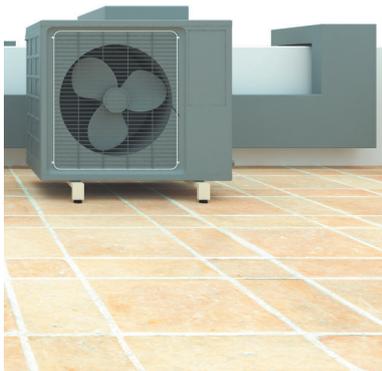
# Outdoor air conditioning systems

## Outdoor installations

Outdoors, the pipes and their insulation are exposed directly to UV rays, inclement weather and bird attacks. All these factors affect the performance of the equipment.

## Unex Solution

### For the installation of external units on rooftops



#### Insulating cable ladder 67

Cable ladder with 2 to 3 metre spacing between supports and form elements with a large bending radius to facilitate the conduction of cables and pipes.

#### Cable tray 66 with cover, Trunking 30 or 31

Protects the installation against impacts, birds and natural phenomena (rain, sun,...) providing greater durability and performance of the unit.



#### Cable ties 22

Complete product family, covering application diameters from 1.6mm to 362mm, for special requirements. Good resistance to UV rays and to the elements.

### For the installation of external units in construction voids



#### Trunking 30 or 31

Solid bases that speed up the fixing and conduction of pipes and cables from the external unit to the internal machine, facilitating their handling.

## Advantages of Unex products

- ✓ **Complete product** range with fitting elements for any type of installation that guarantee its correct functioning.
- ✓ **Robust and durable products** that provide a good aesthetic finishing.
- ✓ **Suitable for outdoor use.** Protects cables and pipes insulation from UV rays and weathering, contributing to the extended life of the units.
- ✓ The availability and reliability of our deliveries are assured by **a complete stock of all our references.**
- ✓ A clean system, without wall breakage, which reduces installation time.
- ✓ **They can be painted** for a better integration into the environment.
- ✓ Trunkings supplied with **protective film** to preserve them in perfect conditions until the end of the work.
- ✓ **Personalised technical assistance** from our team of technical engineers.

## Unex benefits

*Unex solutions save you time and money, with a great finishing that will give prestige to your installations.*



### **Certifies systems: added value over CE marking**

The quality of Unex solutions is guaranteed by the strict compliance of product and application standards, as well as by obtaining Quality Marks and Approvals.



# Unex product ranges for the installation of air conditioning systems



### Insulating cable ladder 67

For the conduction of pipes in large installations.



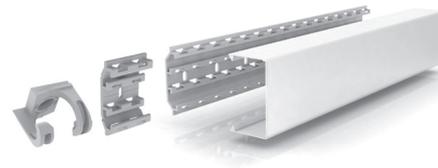
### Insulating cable tray 66 with cover

For the protection and conduction of pipes and cables in all type of installations.



### Trunking 30

Closed system for the protection and conduction of pipes and cables.



### Trunking 31

Open system for the protection and conduction of pipes and cables.



### Mini trunking 78

Trunking of small dimensions with external cover for surface-mounted installations on wall or ceiling.



### Cable ties 22

For tying cables and pipes in indoor installations.



### Cable ties 22

For tying cables and pipes in outdoor installations.



### Wall plugs 25

For fixing cables and pipes in all types of installations.



[www.unex.net](http://www.unex.net)

#### Germany

**Unex Kabelsysteme und -elemente GmbH**  
Am Wallgraben 100  
70565 Stuttgart  
Phone: +49 711 78 19 35 30  
e-mail: [vertrieb@unex.net](mailto:vertrieb@unex.net)

#### Portugal

**Retrica Aparelhagem Eléctrica, Lda.**  
Rua Soeiro Pereira Gomes,  
Lote 1, 4.º C  
1600-198 Lisbon  
Phone: +351 21 781 64 20  
e-mail: [unex@unex.pt](mailto:unex@unex.pt)

#### Italy

**Unex sistemi ed elementi, S.R.L.**  
Via Valbrona 4  
20125 Milano  
Phone: +39 02 4953 9893  
e-mail: [commerciale@unex.net](mailto:commerciale@unex.net)

#### Chile

**Unex aparellaje eléctrico Chile Ltda.**  
Centro Empresas "El Cortijo"  
Av. Américo Vespucio Norte 2680, Of. 27  
C.P. 8551378 - Conchalí  
Santiago - Región Metropolitana  
Phone: +56 2 2623 49 81  
e-mail: [unex@unex.cl](mailto:unex@unex.cl)

#### France

**Unex systèmes et éléments, S.A.S.**  
Parc Technologique  
3 place Berthe Morisot  
69791 Saint Priest Cedex  
Phone: +33 4 78 43 69 55  
e-mail: [unex@unex.fr](mailto:unex@unex.fr)

#### Mexico

**Unex Solutions México S. de R.L. de C.V.**  
Avenida Santa Fe 170  
Piso 6, Unidad 6-1-01  
Col. Lomas de Santa Fe  
Delegación Álvaro Obregón  
001219 Ciudad de México  
e-mail: [ventas@unex.com.mx](mailto:ventas@unex.com.mx)

#### Spain

**Unex aparellaje eléctrico, S.L.**  
Rafael Campalans, 15-21  
08903 L'Hospitalet de Llobregat  
Phone: +34 93 333 87 00  
e-mail: [unex@unex.net](mailto:unex@unex.net)

R.M. de Barcelona, T.32709, F.81,  
H. B214578 VAT. ES B62204011

Personalized technical assistance

✉ [technical.assistance@unex.net](mailto:technical.assistance@unex.net)

Customer service

✉ [international@unex.net](mailto:international@unex.net)

Follow us



**Unex aparellaje eléctrico, S.L.**, as a policy, patents its products.  
Own design and production. **Unex aparellaje eléctrico, S.L.** does not manufacture for other trademarks.  
**Unex** is a registered trademark of Unex aparellaje eléctrico, S.L.  
© Unex aparellaje eléctrico, S.L., 2021

Unex aparellaje eléctrico, S.L. reserves the right to modify any of the characteristics of the products that it manufactures.  
It is the responsibility of the person in charge of product selection for a specific application to look for the right product, according to the standards applicable in every country.  
Unex aparellaje eléctrico S.L. disclaims all responsibility due to incorrect use of the product or to unforeseen circumstances.