

CLIMAVER A2

High fire requirements



EUROCLASS A2

European fire classification.
Security in case of fire.
Optimum fire classification for
self-supporting ducts.

OPTIMUM STIFFNESS

EASY CUT AND HANDLING

STRAIGHT DUCT METHOD, MTR

Precision.
Resistance and quality.
Lower pressure drops.
Minimum wastes.

SUITABLE FOR CLIMAVER METAL SYSTEM

ISOVER

The Insulation Solutions



The Euroclasses, a unified European system to evaluate the fire behavior of products



CLIMAVER A2
is the product that fulfills the highest fire exigencies in self-supporting ductboards.

The Euroclasses

In order to guarantee a free European market, it is necessary to harmonize the products characterization methods.

The Euroclasses are a classification system for products according to their fire behavior. It replaces the old classification local standards (M0, M1....)

The European Directive 89/106/CEE establishes six "essential requirements" for buildings. They affect all the construction products and, among them, the insulating materials.

One of these essential requirements is the "security in case of fire" (evaluated according to the facility of the products to initiate or to spread a fire).

The Euroclasses are a unifying European system of testing and classifying the products to fire.

The Euroclasses were born as a set of methods, testing parameters, and classification (unified for all Europe), for construction products, according to their contribution to initiate or to propagate a fire, to generate smokes, incandescent particles or drops, etc.

There are seven classification levels: A1, A2, B, C, D, E, F, according to its fire behavior (A would correspond to the safest situation, E, to most dangerous situation, F would mean not classified). These levels are completed with the parameters s and d, that provide information on the smoke opacity and speed (s1-non existence of opaque smoke, s3-high amount of smoke), and on the possible fall of incandescent drops or particles (d0-without drops production, until d3)

The Euroclass A2 represents the best possible classification for a duct-board and for insulated metallic ducts.

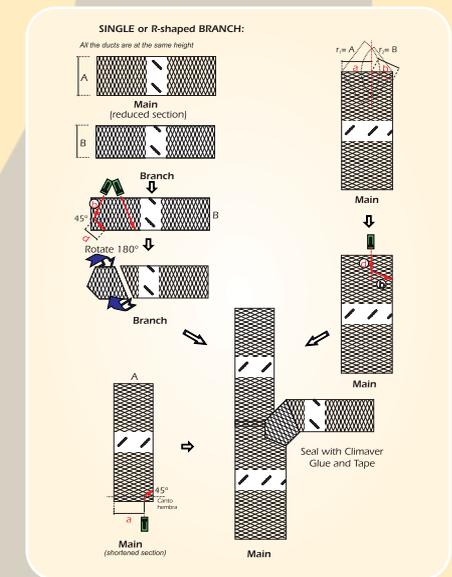
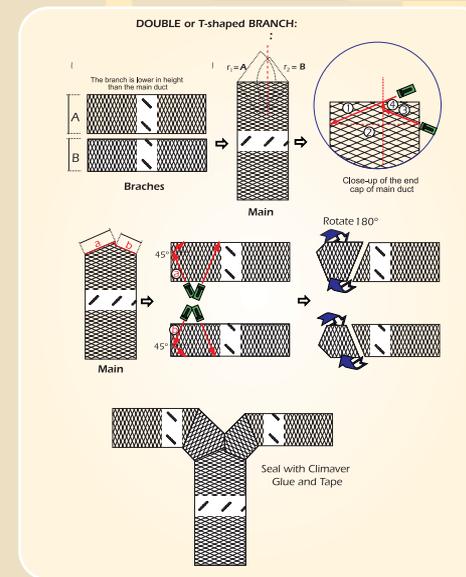
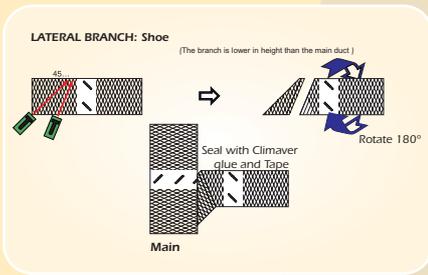
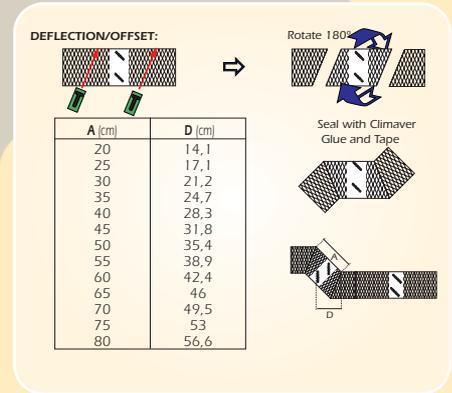
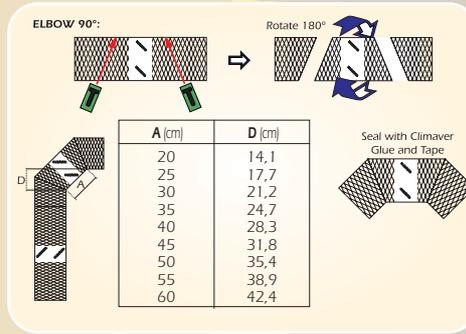
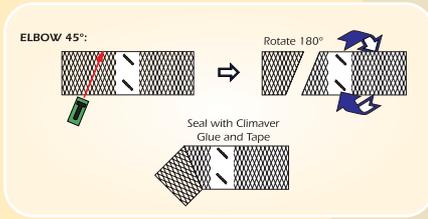
ISOVER AND THE EUROCLASSES

ISOVER develops products that facilitate a simple and qualified assembly and fulfil the maximum qualities: thermal, acoustic, and fire protection.

CLIMAVER A2

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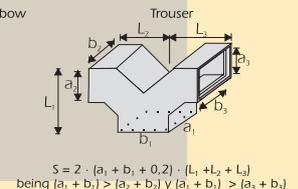
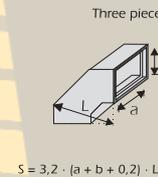
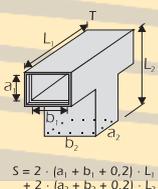
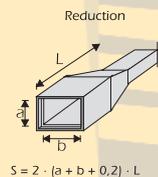
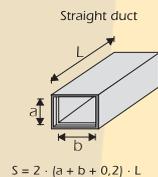
ASSEMBLY METHOD. MTR (*), STRAIGHT DUCT METHOD



The instructions for ducts assembly according to the Straight Duct Method, MTR, are detailed in the "Climaver Assembly Handbook", free available under request.

MEASUREMENTS

Although each installation has its own peculiarities, it can be taken as an orientation the following measurements for the consumption of Climaver in an installation:



(*) MTR are the Spanish initials for Straight Duct Method: Método del Tramo Recto

CLIMAVER PRODUCT SELECTION

| Product | Fire exigencies | Acoustical absorption | Cleaning | Air Speed | Presentation |
|---------------------------------------|-----------------|-----------------------|----------|-----------|--------------|
| SISTEMA CLIMAVER METAL ⁽¹⁾ | — | — | ** | ** | System |
| CLIMAVER PLUS R | * | * | * | ** | Product |
| CLIMAVER A2 | ** | * | * | ** | Product |
| CLIMAVER A2 NETO | ** | ** | * | * | Product |

(1) It can be assembled with any Climaver ductboard.

- ** Best performance
- * Good performance

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