

CONTROL

CONNECTION

WATER QUALITY

## New solutions multilayer **MultiSkin**



# COMAP



# MultiSkin

## SERVING AIR CONDITIONING COMPANIES

Expert in the field of connection and thermal comfort of buildings, COMAP has been designing multilayer pipe and fittings systems for more than 20 years.

The COMAP multilayer solution has been extended and developed with useful details that simplify the life of the job site while still ensuring **complete network reliability**.

Multilayer piping, which is suitable for all sanitary and heating installations, offers a wide range of benefits. Designed for both new construction and renovation, it can be built-in or exposed.

## PARTNER OF LARGE-SCALE JOB SITES

### HIGH-LEVEL PERFORMANCE OF NETWORKS

Increasing the inside diameter of the metal products range **improves hydraulic characteristics**.

In synthetic product ranges, the new internal profile favours the venturi effect producing a significant reduction in pressure losses, which leads **to an immediate drop in energy consumption** when fluids circulate through the piping system. This is an economic benefit for consumers.

The new COMAP multi-layer connection solution ensures a significant performance gain across the entire range of its products.

► **IMPROVED** HYDRAULIC PERFORMANCE SUCH THAT **15%**  
\*depending on diameters

### SAFETY

Made in Europe and equipped with several visual inspection systems, **the COMAP multilayer solution is the most reliable on the market.**

The Visu-Control® ring **allows immediate verification with the naked eye** that fittings have been properly crimped to eliminate any overlooking of crimps.

When assembly of the system is complete, the green rings are easily removed by hand.

For added security, the crimp fittings also feature a **leak detection system** when elements are under pressure.

### PRODUCTIVITY

The crimping or instant connection solutions guarantee **an immediate saving of time**: on average, installing a multilayer network requires fewer connections than a metal network and crimping takes only a few seconds.

Crimping is all the more advantageous in that fittings are compatible with most of the crimping pliers, in TH, H and U profiles.

► **CONNECTIONS IN SEVEN SECONDS**

### 10-YEAR WARRANTY

For its MultiSkin pipe and fitting systems, COMAP offers its 10-year manufacturer's warranty for any claim involving its liability. For more information regarding the applications of the warranty, consult the terms and conditions of the COMAP warranty.

# COMAP

# New multilayer solution

## THE NEW LINE OF PRODUCTS

The COMAP multilayer solution offers a complete new range of products that address all requirements, regardless of the type of job site.

### Metal crimp fitting

Guaranteed high performance

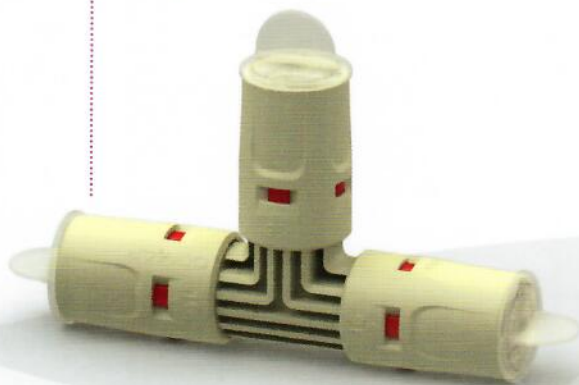
From  $\varnothing$  14 to 75 mm



### Synthetic push fit connections

Rapidity with full security

From  $\varnothing$  14 to 26 mm



### Synthetic crimp fitting

Accessible strength

From  $\varnothing$  16 to 63 mm



### Multilayer pipe

Quality for every work site

From  $\varnothing$  14 to 75 mm





## AT THE CORE OF PROJECTS

COMAP multilayer pipe and fittings are suitable for all sanitary and heating installations. This range of products has been design to accommodate both new construction and renovation work. Lines can be built in or exposed.



### THE GIRONDINS URBAN DEVELOPMENT ZONE Lyon, France

Construction of a residential building with 690 units.



### MIRAIL / Toulouse, France

Renovation of occupied space involving five buildings, approximately 1,300 units.



### BEL AIR / Brussels, Belgium

Renovation of a 77 unit building.



### VISTA / Warsaw, Poland

Construction of a residential building of 313 units and surface area of 19,000<sup>sqm</sup>.



## the plus by COMAP

### BIM LIBRARY

For each digital modeling project of a building, COMAP provides a library of BIM objects, which is compatible with Autodesk Revit software.



# New multilayer solutions

## UNIQUE PARTNER

## OF ALL THE PLAYERS IN THE CONSTRUCTION INDUSTRY

### SUPPORT

Installers, craftsmen, design offices, architects...

**COMAP's technical support answers all specific** questions, in support of the sales teams present in the field.

Support services extending from preliminary design to installation contributes to **the performance of COMAP global solutions.**

### TRAINING

As an expert in climate engineering and connection solutions, **COMAP has adopted a sustainable collaborative approach** to support professionals in completing their projects.

Sales teams offer training sessions to rapidly assimilate all COMAP solutions.

### AVAILABILITY

As a design and manufacture entity, **COMAP controls all stages of production** and ensures the availability of its products as soon as possible thanks to its logistics platform in Chécy. The COMAP product range is accessible thanks to a **robust distribution network.**

### PROXIMITY

From order taking to customer service, the COMAP customer service organisation meets all needs and provides a rapid and complete response, whatever the solution chosen.

## COMAP LOGISTICS PLATFORM

**10,000**  
PRODUCT  
REFERENCES

**50** COUNTRIES

**12,000**  
CUSTOMERS

**over 98%**  
SERVICE  
RATE

## OUR 3 AREAS OF EXPERTISE



### COMFORT CONTROL

COMAP's control solutions make it possible to provide the right flow in the right place for heating, air-conditioning or hot water systems.



### CONNECTION

COMAP offers a wide range of complete connection systems, in multilayer, in PER and in copper.



### WATER QUALITY

COMAP solutions are based on soft technologies and are environment friendly, resulting in healthy and high quality water in residential buildings.

# THE ADVANTAGES OF A COMPLETE AND PROVEN SYSTEM



## PERFORMANCE

A successful design optimising the properties of materials.

## EASE IN WORKING

Lightweight and easy to transport three times lighter than copper.

## SAVES TIME AND MONEY

Fewer connections (on average half as many as a metal network) and lower risk of theft.

## COMPLETE RANGE

of push fit, crimped, brass and PPSU fittings from 12 to 108 mm in diameter.

### COMAP

A leading designer-manufacturer of thermal and sanitary solutions, to improve the comfort and environmental performance of buildings.

COMAP is a European industrial group, expert in the fields of plumbing and HVAC engineering. The group's offer is based on control-regulation, connection and water quality technologies as well as a wide range of sanitary taps. Its products are designed and manufactured in the group's design offices and factories in France and Italy.

COMAP's value-added solutions integrate harmoniously into living spaces, enabling intelligent management of water and energy and contributing to the comfort and well-being of occupants.

With headquarters in France, COMAP operates internationally, with a sales network in more than 20 countries. The group has 600 employees and is the "Thermal and Sanitary Efficiency" entity of the Aalberts group.

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