

KLIMAGIEL[®]

Fabric and Metal Ducts

INSTALLATION AND MAINTENANCE FABRIC DUCTS **KLIMAGIEL**

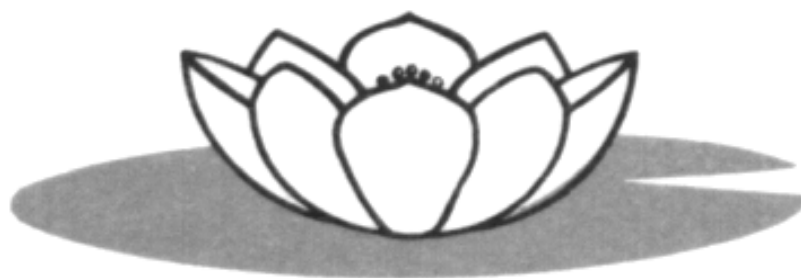
CUSTOMER SERVICE

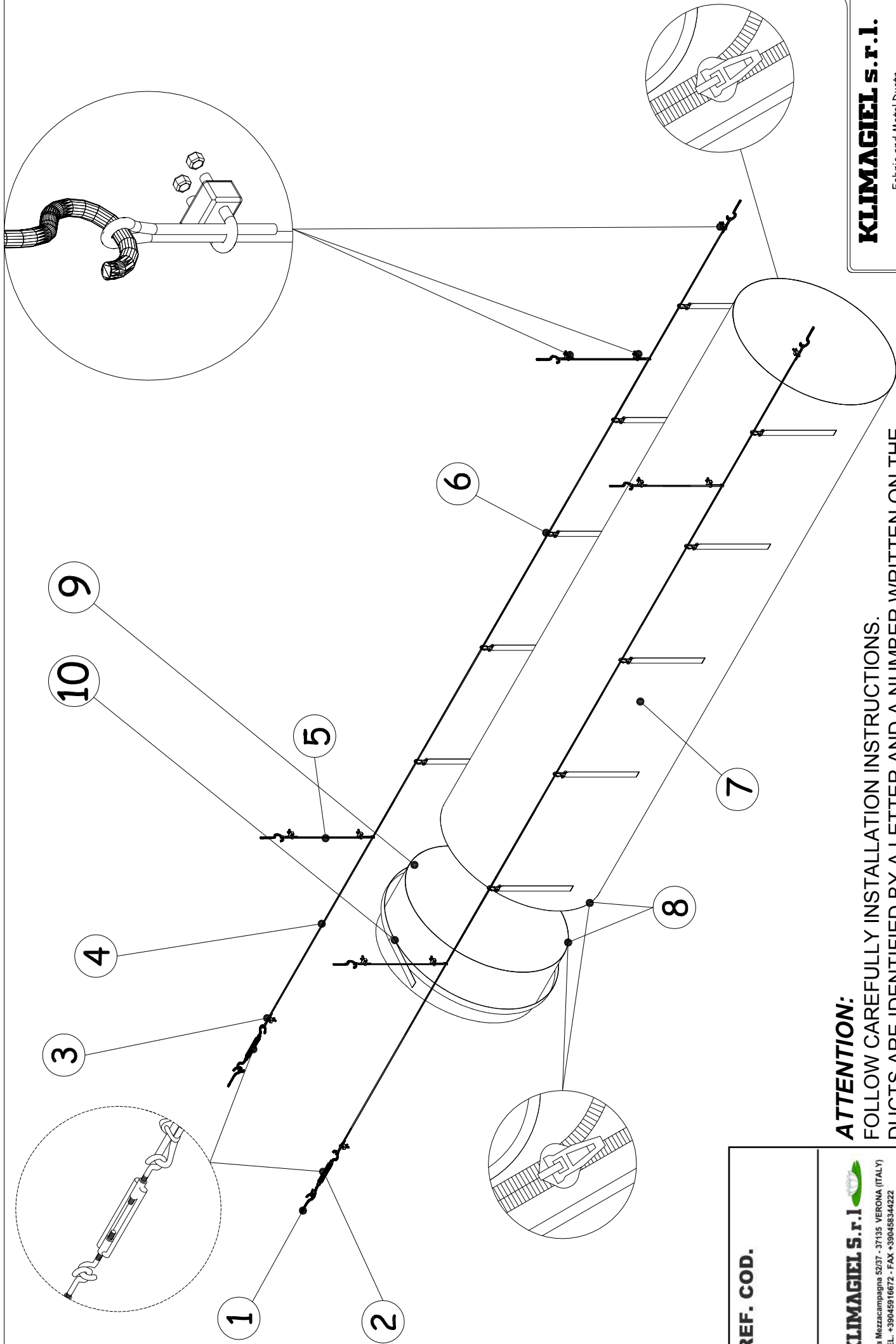
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ATTENTION:
 FOLLOW CAREFULLY INSTALLATION INSTRUCTIONS.
 DUCTS ARE IDENTIFIED BY A LETTER AND A NUMBER WRITTEN ON THE
 LABEL REPLICATED IN THE PICTURE ON THE LEFT (STITCHED ON THE INSIDE OF THE
 DUCT) IN CORRESPONDENCE TO WHAT INDICATED IN EXECUTIVE DRAWINGS

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INSTALLATION FABRIC DUCTS WITH CIRCULAR SECTION AND DOUBLE CABLE/LEAD

On the previous page you can see: the assembling system, the components for proper installation and the fixing system. The components kit for specified versions is included in KLIMAGIEL ducts supply and it's identified by an itemized list.

N.B.: pressure caps and anchor screws for fixing at the ceiling are not included in KLIMAGIEL kit.

PLEASE NOTE

Before proceeding at the installation check:

- the entirety of all the components;
- the correspondence between components type and number you need for proper ducts assembling.

In case of doubts or inconsistency contact KLIMAGIEL® Customer Service.

ASSEMBLING INSTRUCTIONS

1. Fix the anchor screw at the ceiling **(1)** by means of the appropriate pressure caps (not supplied by us). Except for different specific requests, they have to be placed 40 mm above superior duct edge (see the attached executive drawings).
2. Install the steel cables **(4)**, making a buttonhole at both ends of the cables and then close them with clamps **(3)**, as shown on page 2; hook the buttonhole directly at the supplied adjustable tie-rod **(2)**; regulate the tie-rod in order to obtain the adequate tension on the steel cable; connect the tie-rod with the anchor screw installed at point 1; **ATTENTION:** the cables have to be installed with an axle spacing that changes depending on the duct diameter, as you can see in the chart below:

| DUCT DIAMETER | CABLES AXLE SPACING |
|---------------|---------------------|
| 550 | 541 |
| 600 | 337 |
| 650 | 491 |
| 700 | 619 |
| 750 | 691 |
| 800 | 762 |
| 850 | 823 |
| 900 | 905 |
| 950 | 968 |
| 1000 | 1004 |

In case the diameter of your duct is not among those listed in the chart, apply the axle spacing specified in the attached executive drawings.

3. Assemble vertical tie-rods **(5)** with cable and clamps as explain at the previous point, except for the adjustable tie-rod. We recommend to install vertical tie-rods with an axle spacing of 5,00 m.
4. Fit the fabric duct beginning **(9)** on the beginning plenum chamber and fasten it with the specific supplied steel collar **(10)**.
5. In the end, connect the duct beginning **(9)** with the first duct segment **(7)** through the zip fastener and fasten it at the steel cable **(4)** through the fabric stripes ending with a clip **(6)**.
6. Repeat the steps above for the installation of the whole duct system.

When installation is completed, check:

- the entirety and the solidity of anchor screws at the ceiling and at the wall;
- the proper cables tension while working;
- the duct seal at the beginning of the plenum chamber **(9)**. In particular, check if you have tighten well the steel collar **(10)**;
- the correct tightening of all zip fasteners connecting all duct segments.

WASHING AND MAINTENANCE INSTRUCTIONS

WATER WASHING

ATTENTION: Following maintenance instructions are meant for all type of fabric ducts, except for those made with fireproof fabric homologated Class 0 / M0 / A1.

Washing has to be made by hand or by washing machine following next procedure:

From 1 to 4 washing cycles using neutral washing powder or liquid detergent. Every single washing cycle has to be made at a temperature not exceeding 45°C and it has to last for about 15 minutes.

For particularly dirty textiles we recommend a rinse after each washing cycle.

Let dry at room-temperature.

On demand, our company offers cleaning service (for further information contact directly our technical or sales department).

WARNING! Only for Class 0 / M0 / A1

While assembling, you can find on the fabric parts some fiberglass filaments due to the manufacturing process (stitching and drilling).

These filaments could cause eyes or skin irritation in sensitive people.

Therefore we recommend the use of protective devices for hands while assembling.