

Ref. 5170000010



## CONNECTION KIT FOR WALL BOILERS WITH COVER

### MATERIALS

Corrugated tube obtained from stainless steel band. The types of stainless steel used are: AISI 321, AISI 304 or AISI 316L. The connections are made from bars of: carbon steel, brass CW619N, AISI 303 or AISI 304. The joints are made of EPDM, except for the gas extendable gasket (white tube) that the gasket is made of NBR material.

### COVERS

**WHITE TUBE (for GAS):** Heat-shrinkable coating with adhesion to all the corrugations of the corrugated pipe, made of PVC material with flame retardant properties. This coating also protects the tube from the aggression of the surrounding environment without affecting the mechanical extension or contraction force of the tube.

**GRAY TUBES (for WATER):** Heat-shrinkable coating with adhesion to all the corrugations of the corrugated tube, made of PVC material with flame retardant properties. This coating also protects the tube from the aggression of the environment without affecting the mechanical extension or contraction force of the tube.

### ADVANTAGES

The cover of these tubes minimizes the appearance of possible noise or vibrations caused by the flow of the fluid itself at excessive pressures or by a radius of curvature lower than recommended.

### COMPOSITION OF THE KIT

- 2 Extensible Inox DN12 Male-Female 1/2 "length 200/400 + EPDM gaskets (Water)
- 2 Extensible Inox DN20 Male-Female 3/4 "length 200/400 + EPDM gaskets (Water)
- 1 Extensible Inox DN12 Female-Female 1/2 "x 3/4" length 200/400 + NBR gaskets (Gas)

### WORK PRESSURE

The working pressure for the gas pipe (white pipe) is limited to 0.4 Bar, in compliance with the current regulations UNE-60713/1, which foresees its use in appliances with a maximum heat capacity of 35 kW. For other applications than those indicated, consult our technical department. For water pipes, the maximum pressure is 10 Bar.

### WELDING

All the welds are carried out automatically using the TIG method, in an area protected by Argon, without any type of material contribution, through the direct fusion of the base materials.

### SEALING

The sealing tests are carried out at 100% of the production: each unit is individually tested and submerged in water by applying pressure air internally in order to test all the parts of the tube, mainly the welds. Sampling tests, including destructive tests, are also carried out in the internal laboratory, as required by the specific current regulations.

**RADIUS OF CURVATURE** - The radius of curvature must be at least 1.5 times the outside diameter of the tube. Never below this. If we have a tube with outer diameter 18, the minimum radius of curvature is 27.