



## **PRODUCT SPECIFICATION**

JAGA HEATING PRODUCTS (UK) LIMITED . JAGA HOUSE > ORCHARD BUSINESS PARK > BROMYARD ROAD > LEDBURY > HR8 1LG

### **Product: Quatro Canal**

#### **Duct:**

Pre-assembled duct in Sendzimir galvanized steel plate of 1mm thick, c/w intermediate support brackets. This is to be provided with anthracite grey epoxy polyester finish, RAL 7024 - gloss degree 10%. A height of 130mm and width 270mm, with specified lengths to comprise of up to 1800mm, or where longer lengths are required, separate units joined to form continuous lengths to suit site requirements. Adjustable feet can also be supplied to accommodate raised floors up to 300mm.

The duct is to be complete with 4 no pre perforated holes for pipework accommodation, which will be to the left of the trench duct, for heating and cooling connections. The trench is to be of sufficient quality to be provided with the manufacturer's 10 year guarantee.

#### **Heat Exchanger:**

Shall be manufactured from seamless copper tubes, fitted with aluminium fins. The fins shall provide high contact area to the tubes, guaranteeing optimum efficiency, across a wide range of flow & return water temperatures. The heat exchanger shall be complete with 4No. brass ½" BSP connections along with 4 no ½" BSP stainless steel hoses 150mm long. Each heat exchanger is available for heating or cooling modes complete with a condensate tray.

The complete heat exchanger assembly shall be non-corrosive and the whole assembly shall be electro statically lacquered with dirt repellent and dust proof anthracite grey epoxy polyester lacquer RAL 7024 gloss degree 70%.

The heat exchanger shall be supplied complete with ½" BSP air vent, and the whole assembly to be pressure tested to 20 bar, with a maximum working pressure of 10bar. The heat exchanger shall be of sufficient quality to be provided with the manufacturer's 5 year guarantee.

#### **Thermal Activator Units:**

Shall be installed adjacent to the heat exchanger complete with stainless steel air filter to facilitate the output and contains a single tangential DC electrical EC fan driven by a 0 – 10 vdc control signal. All fans require a 24vdc mains voltage supply by others.

#### **Roll-Up Aluminium Grille:**

Shall be constructed from anodized aluminium profiled slats placed crossways (6mm wide x 14mm high) with 9mm space between. The grille shall be mechanically connected with two lengthways supporting rubber mounts (10mm wide x 15mm high).

The grille shall be supplied to the specified finish and colour where required. Where a lacquered gloss colour is specified, it shall be painted in a scratch resistant epoxy- polyester powder, sprayed electro statically, and baked to 200 degrees C. The colour shall be UV resistant due to ASTM G53. The grille shall be of sufficient quality to be provided with the manufacturer's 10 year guarantee.

#### **Roll-Up Wooden Grille:**

Shall be constructed from natural or varnished wooden planed and sanded slats placed crossways (12mm wide x 14mm high) with 13 space between. The grille shall be supported by the 'L' profile frame. The grille will have horizontal slats connected with multiple lengthways stainless steel spring (6mm diameter) over its entire length covered with an aluminium spacing ring between each slat. Each grille will be so constructed as to be able to 'Roll-Up' to give full access to the trench.

The grille shall be of sufficient quality to be provided with the manufacturer's 10 year guarantee.

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**Note:**

Each measured trench duct supplied, shall come complete with factory pressure tested heat exchanger, grille, frame and height adjusters, ready to install.

Connection sets for hydraulic connections are available, please contact **JAGA HEATING PRODUCTS (U.K.) Ltd.**

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