



PRODUCT SPECIFICATION

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

Product: Micro Canal

Duct:

Pre-assembled in 2 no ducts, inner housing and outer housing, in Sendzimir galvanized steel plate of 1mm thick, c/w intermediate height adjustments between 62mm to 80mm high with an overall width of 130mm. This is to be provided with anthracite grey epoxy polyester finish, RAL 7024 - gloss degree 10%. Specified lengths to comprise suitable unitary lengths of 600mm, 950mm, 1300mm, 1650mm and 2000mm, or where longer lengths are required, separate units joined to form continuous lengths to suit site requirements. A duct can also be supplied to house a valve assembly which is 350mm long. Adjustable feet can also be supplied to accommodate raised floors up to 300mm.

The duct is to be complete with pre perforated holes for pipework accommodation, which will be to the left of the trench duct. 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 2No. brass 3/8" BSP connections along with 2 no 3/8" x 1/2" BSP stainless steel hoses 150mm long.

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 1/8" 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 water temperature sensor which will turn the units on if above 32°C and switch the units off if below 28°C.

All fans require a 24vdc mains electrical supply by others.

Rigid Stainless Steel Grille:

Shall be constructed from stainless steel profiled slats placed crossways (2mm wide x 5mm high) with 4mm space between. The grille shall be mechanically connected with two lengthways supporting slats (2mm wide x 10mm 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 frame 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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