

## Type QLI



### INDUCTION-TYPE DISPLACEMENT FLOW DIFFUSER IN NOMINAL LENGTHS OF 900, 1200 AND 1500 MM, WITH VERTICAL HEAT EXCHANGER AND CONDENSATE DRIP TRAY

Induction-type displacement flow diffuser with 2-pipe or 4-pipe heat exchanger, for installation under a sill. The condensate drip tray is useful if the temperature temporarily falls below the dew point.

- High heating and cooling capacity with a low conditioned primary air volume flow rate and low sound power level
- High comfort levels due to low airflow velocity in the occupied zone
- Three nozzle variants to optimise induction based on demand
- Two different heat exchanger positions

#### Optional equipment and accessories

- Control equipment
- Fixing systems for wall or floor fixing, fixing systems for both wall and floor fixing
- Powder coating in many different colours, e.g. RAL CLASSIC



### Application

- Induction-type displacement flow diffusers of Type QLI for installation under a sill
- High comfort levels due to low-turbulence airflow and low airflow velocity in the occupied zone
- Displacement flow
- Choice of location for primary air spigot at a narrow side; end cap may have to be changed accordingly
- 2-pipe or 4-pipe heat exchangers enable good comfort levels with a low conditioned primary air volume flow rate
- Energy-efficient solution since water is used for heating and cooling

### Special characteristics

- Low-turbulence supply air discharge as displacement flow
- Vertical heat exchanger as 2-pipe or 4-pipe system, optional condensate drip tray including condensate drain that can be connected to a condensate pipe (to be provided by others)
- Water connections at the narrow side, Ø12 mm Cu pipe, either with plain tails or with external thread or union nut, G½", flat seal

### Nominal sizes

- 900, 1200, 1500 mm

### Variants

- WVL: Heat exchanger at the front, water connections on the left
- WVR: Heat exchanger at the front, water connections on the right
- WHL: Heat exchanger at the rear, water connections on the left
- WHR: Heat exchanger at the rear, water connections on the right

### Heat exchanger

- 2: 2-pipe systems
- 4: 4-pipe systems

### Nozzle variants

- M: Medium
- G: Large
- U: Extra large

### Construction

- Galvanised
- P1: Powder-coated RAL 9005, black, gloss level 70 %

#### Attachments

- Water connection A1: G½" external thread and flat seal
- Water connection A2: G½" union nut and flat seal
- Condensate drip tray

#### Accessories

- W0: Wall fixing
- B0: Floor fixing
- WB: Wall and floor fixing

#### Useful additions

- Connecting hoses
- Control equipment consisting of a control panel including a controller with integral room temperature sensor; valves and valve actuators; and lockshields
- X-AIRCONTROL control system
- Choice of ventilation grille from our portfolio

#### Construction features

- Spigot is suitable for circular ducts to EN 1506 or EN 13180
- Three nozzle variants to optimise induction based on demand
- Vent valves on the heat exchanger

#### Materials and surfaces

- Casing, supply air grille, and primary air plenum with punched nozzles are made of galvanised sheet steel
- Exposed surfaces either galvanised or black (RAL 9005)
- Heat exchanger with copper tubes and aluminium fins

#### Standards and guidelines

- Products are certified by Eurovent (no. 09.12.432) and listed on the Eurovent website
- Declaration of hygiene conformity to VDI 6022

#### Maintenance

- No moving parts, hence low maintenance
- The heat exchanger can be vacuumed with an industrial vacuum cleaner if necessary
- VDI 6022, Part 1, applies (Hygiene requirements for ventilation and air-conditioning systems and units)

## TECHNISCHE INFORMATION

Function, Technical data, Quick sizing, Specification text, Order code, Related products

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Variants, Dimensions and weight

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Installation details, Basic information and nomenclature

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### TROX Italia S.p.A.

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