

Installation of recirculation section RX/HC, version F GOLD size 011-080

1. General

Recirculation section RX/HC is used for defrosting the reversible heat pump GOLD RX/HC. In normal operation, the recirculation damper is closed, but it is opened for defrosting.



2. Installation

1. Recirculation section RX/HC must be placed on the GOLD unit's outdoor air/exhaust side. See diagram.

The recirculation section is always supplied assembled with at least one other ventilation unit section. If splitting or joining ventilation unit sections is necessary, refer to the installation instructions for GOLD.

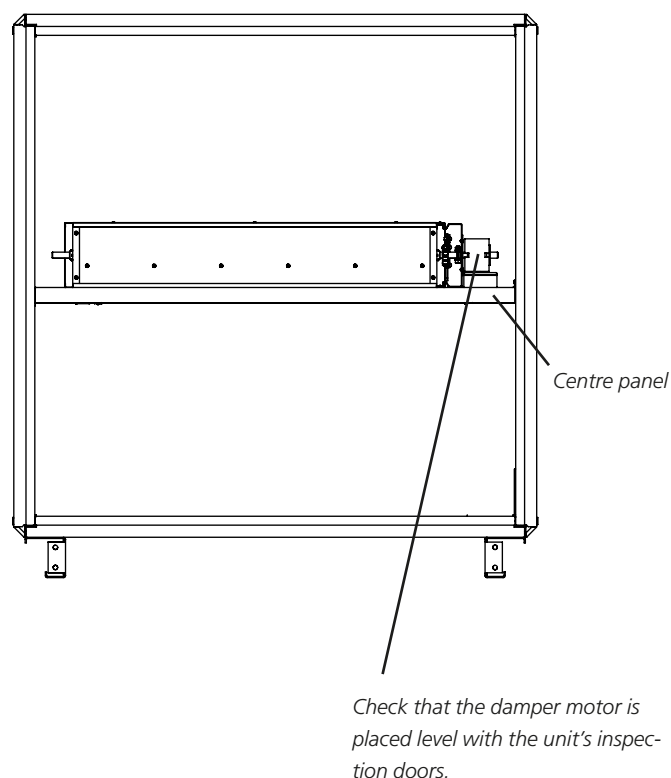
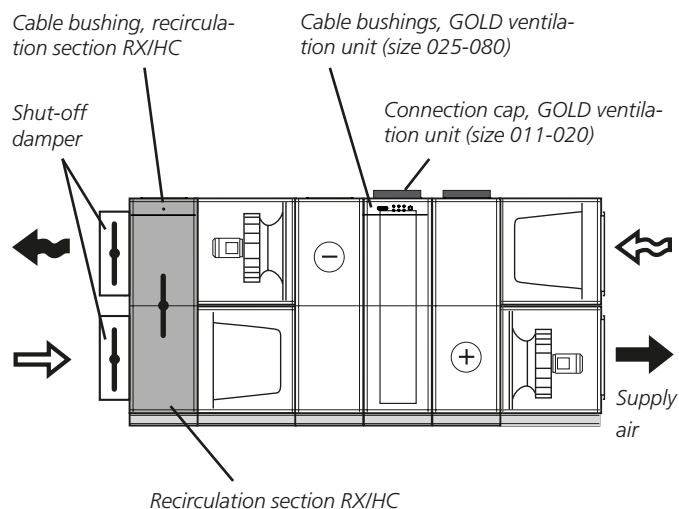
2. Check that the damper motor is placed in the same direction as the GOLD ventilation unit's inspection doors.

3. The recirculation section is fitted with a cable bushing on the inspection side. The cable to the damper actuator passes through the recirculation section's cable bushing and runs externally to the GOLD ventilation unit's coupling cap (size 011 - 020) or cable bushings (size 025 - 080).

The cable to the recirculation damper's actuator should be spliced to the appropriate length. The splice must comply with IP 54. See also section 3. Electrical connection.

The recirculation section damper and actuator are accessible from the GOLD ventilation unit.

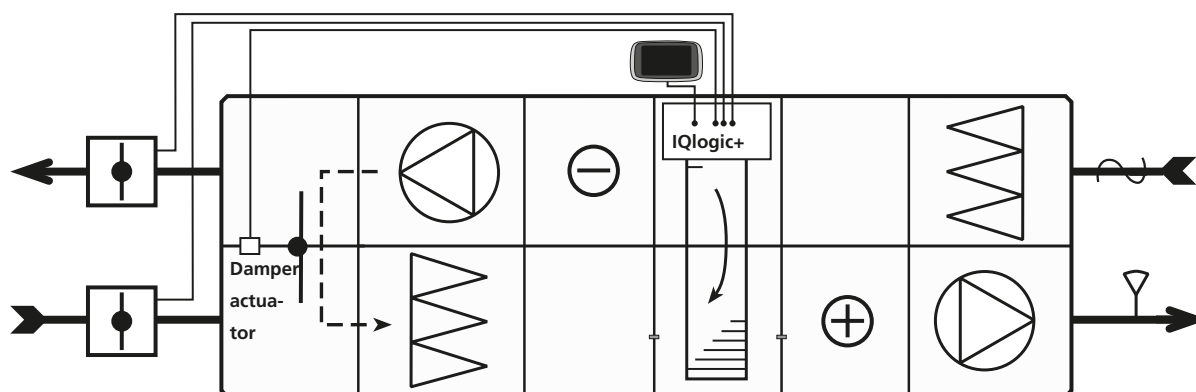
4. The unit must be fitted with an on/off shut-off damper with spring return (accessory).



3. Electrical connection

Electrical connection shall be performed by an authorised electrician according to applicable regulations.

Damper motor has a 0.9 m connection cable 4x0.75 mm² and is spliced in the connection box, IP54.



Relevant accessories

Outdoor air damper	TBSA-X-xxx-xxx-x-1 or TCSA-xxx, spring return
Exhaust air damper	TBSA-X-xxx-xxx-x-1 or TCSA-xxx spring return

Function

In normal operation, the recirculation damper will be fully closed (no electrical current). During defrosting, the damper will be fully open (running time 90 seconds).

