

## INSTALLATION GUIDE

- VENTS BRIG HRV 120
- VENTS BRIG HRV 170
- VENTS BRIG HRV 200
- VENTS BRIG HRV 300
- VENTS BRIG ERV 200
- VENTS BRIG ERV 300

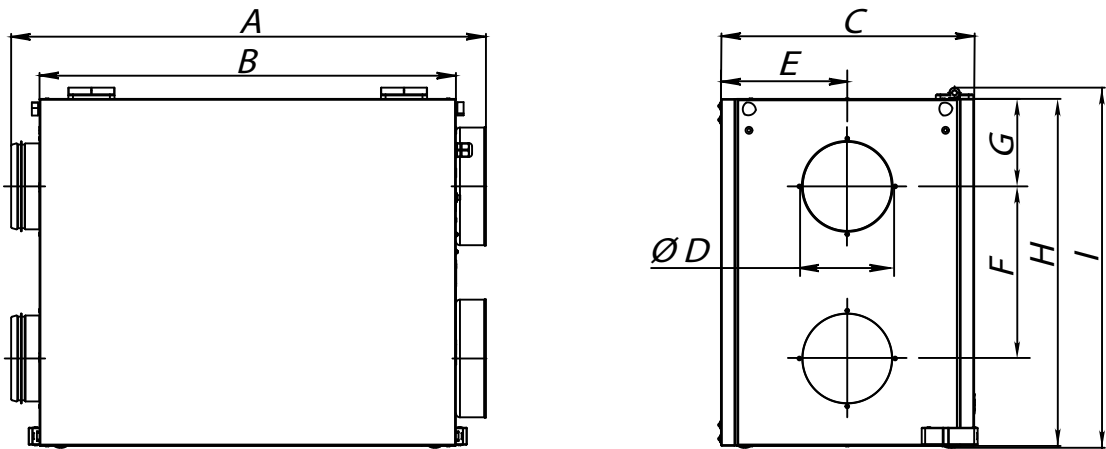


### INSTALLATION

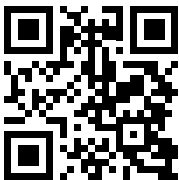
The unit is a component part and is not designed for stand-alone operation.

While mounting the unit provide enough access for the unit maintenance and servicing. Mount the unit to ceiling with threaded rods fixed inside the dowels attached to the ceiling or by means of the belts that are rigidly fixed to horizontal plane. The unit can be installed on mounting supports with adjustable height for connection to the drain system.

To attain the best performance of the unit while mounting provide a straight 20" (500 mm) duct section in front and behind the unit. The unit must be equipped with a grille with the mesh width up to 1/2" or any other protecting device to prevent free access to the unit fans.



Unit type	Ø D	A	B	C	E	F	G	H	I
Brig HRV 120/170	6"	29 1/2"	25 9/16"	19 11/16"	9 13/16"	9 3/4"	5"	19 3/4"	20 1/2"
Brig HRV 200	6"	32 3/8"	28 7/16"	17 5/16"	8 5/8"	11 3/4"	6"	23 11/16"	24 5/8"
Brig HRV 300	8"	40 5/8"	36 3/4"	17 5/16"	8 5/8"	12 3/4"	6 7/16"	25 11/16"	26 9/16"

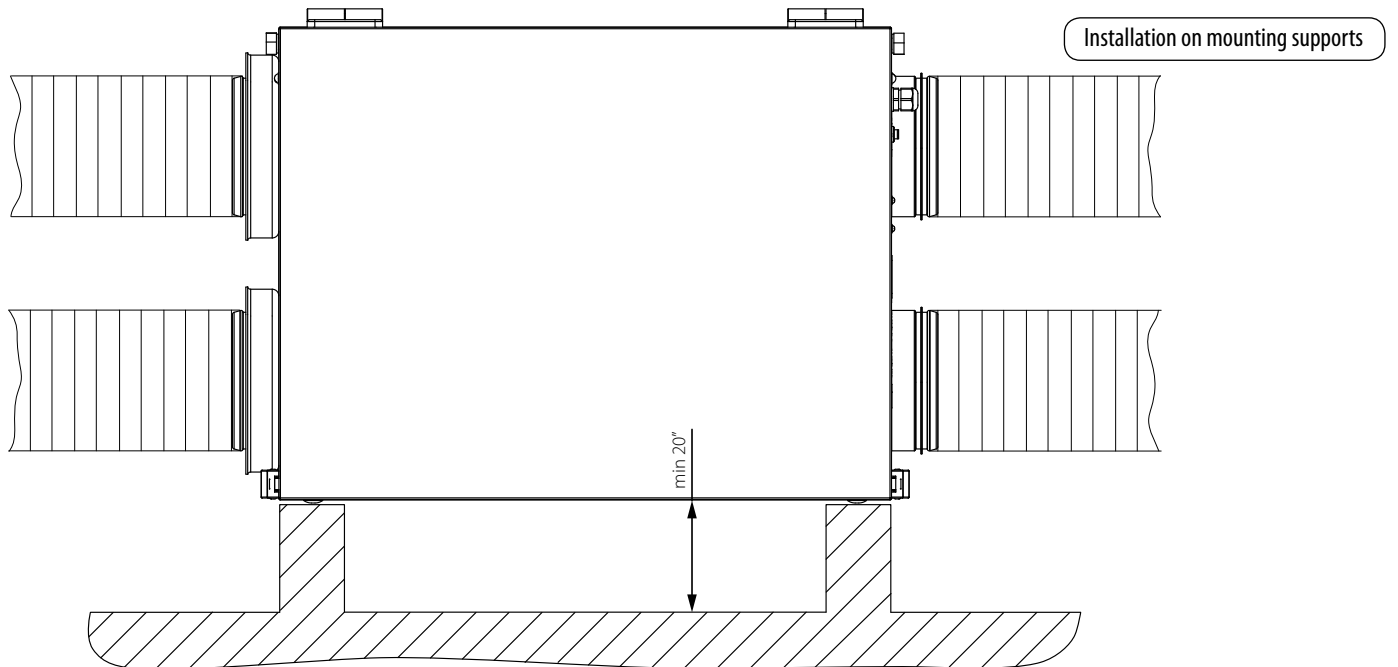
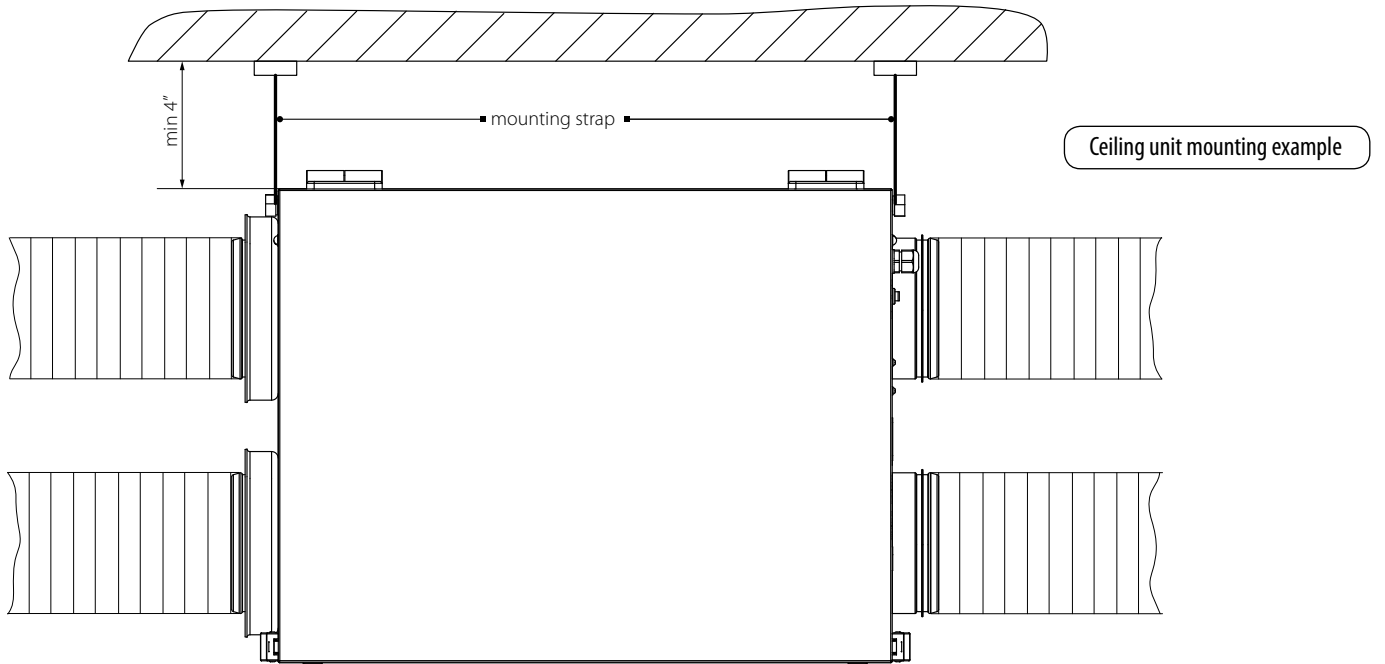


## INSTALLATION OPTIONS



**BEFORE MOUNTING MAKE SURE THE CASING DOES NOT CONTAIN ANY FOREIGN OBJECTS (E.G. FOIL, PAPER).**

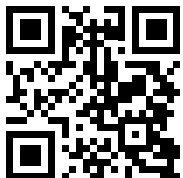
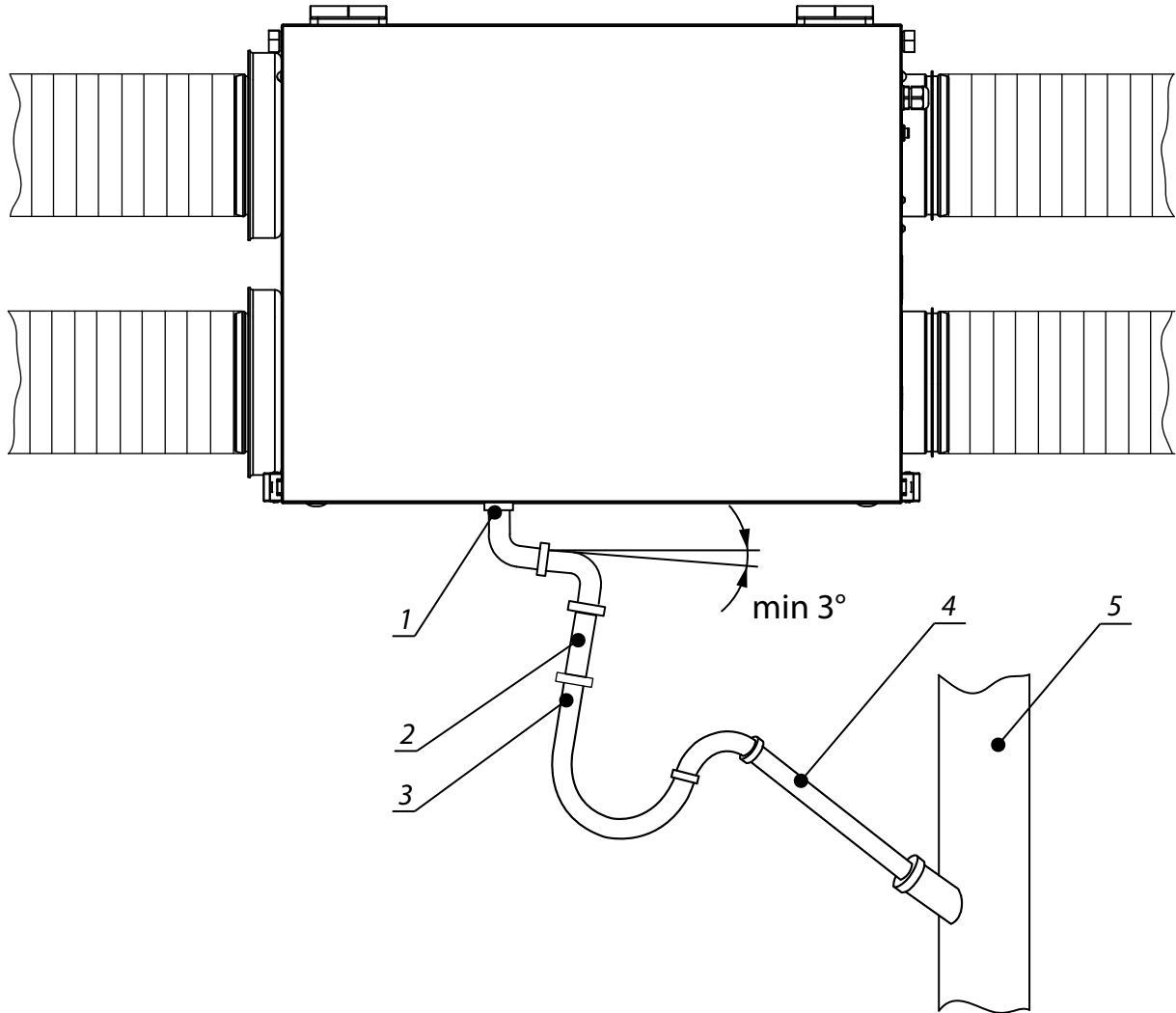
Attach the unit to the interjoist using the screws and connect the air duct of a required diameter.



## INSTALLATION OF DRAINAGE SYSTEM

The unit is equipped with a condensate drain hose for condensate drainage.

Connect the drain hose (1), U-trap (3) and drain system (5) with metal, plastic or rubber pipes (2 and 4). The pipes must be sloped down at least by 3°. Before starting operation of the unit fill the system with water and check that U-trap is always filled with water. Make sure that the water drainage is correct, otherwise some condensate may be accumulated inside the unit and provoke subsequent equipment damage and water ingress to the room. The condensate drainage system is designed for operation at the ambient temperature above 32 °F (0 °C). If the ambient temperature is below 32 °F (0 °C), insulate the drain system and provide air heating.



### CONNECTION TO POWER MAINS

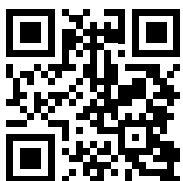
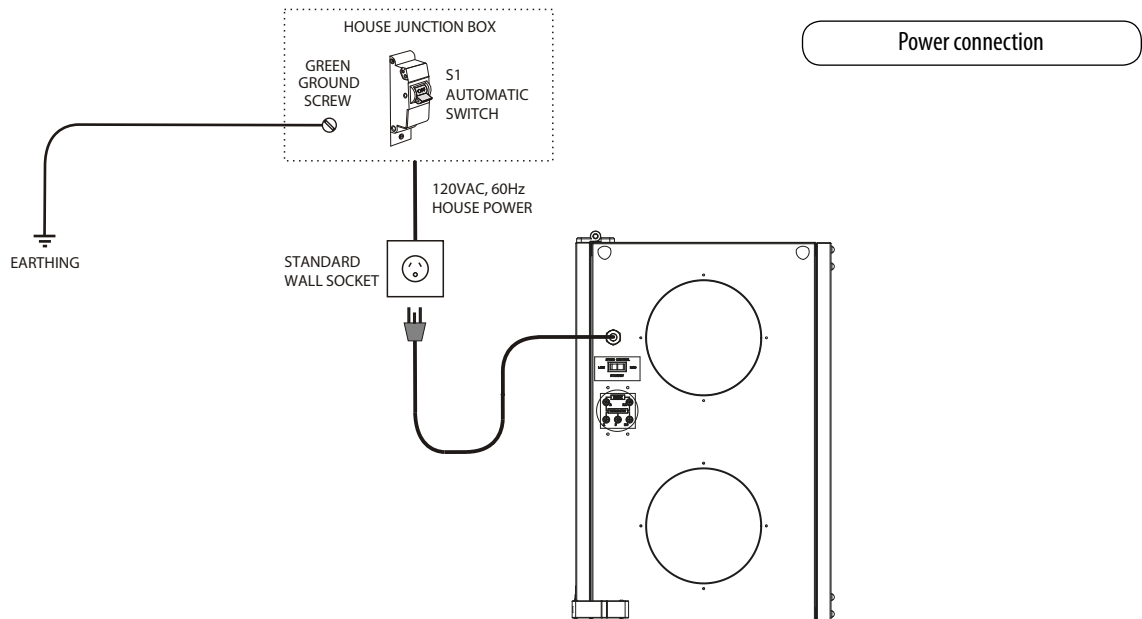


**DISCONNECT THE UNIT FROM POWER MAINS PRIOR TO ANY OPERATIONS. THE UNIT MUST BE CONNECTED TO POWER MAINS BY A QUALIFIED ELECTRICIAN. THE RATED ELECTRICAL PARAMETERS OF THE UNIT ARE SHOWN ON THE RATING PLATE.**



**ANY TAMPERING WITH THE INTERNAL CONNECTIONS IS PROHIBITED AND WILL VOID THE WARRANTY.**

The unit is designed for connection to single-phase ac 120 V / 60 Hz power mains. The unit is equipped with a power cable and a plug and can be connected to any standard grounded outlet. Connect the unit to power mains through the external automatic switch integrated into the fixed wiring system that breaks the circuit in case of short circuit or overload. Install the circuit breaker to have a free quick access in case of need to turn the unit off promptly. The unit has overload protection provided by the thermal fuse which is activated in case of overload or short circuit.



The unit is controlled by a three-position speed switch that enables low-speed modes «Low» and «Med» as well as «Stand by» mode which enables total air quality control.

Up to five external control devices may be connected to the terminals 2-11 that turn the unit to high-speed ventilation in case of activation of any of the control devices.

**Switch the three-position speed controller to «Standby» mode for correct operation from the remote control panel.**

Connecting remote control devices

