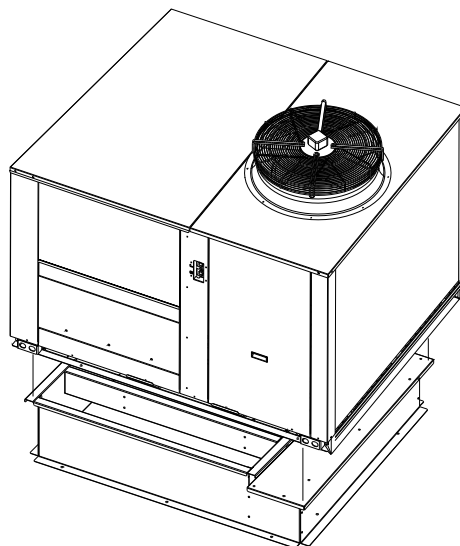




BY JOHNSON CONTROLS

Mounting base (ROOF CURB) Fixed for ROOF TOP ACTIVA 017/040 units



Options and Accessories, Installation manual

Ref.: N-40400_EN 0911



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**Mounting base (ROOF CURB) Fixed for
ROOF TOP ACTIVA 017/040 units**

1.1 General information

The fixed ROOF CURB mounting base is suitable for installing on flat building roofs (with no inclination). It is a structure made of galvanised sheet steel, and is supplied unassembled in kit form for on-site assembly and installation.

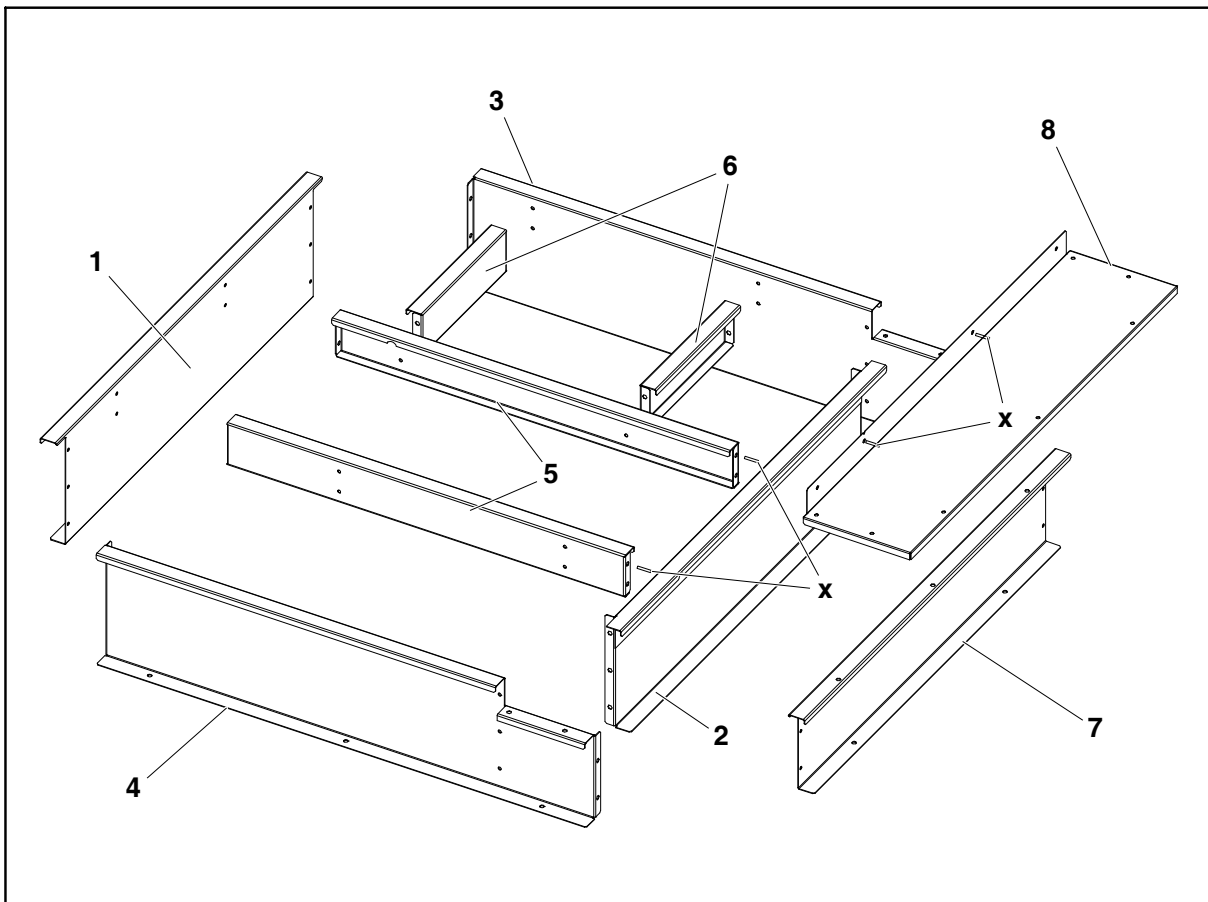
It consists of a closed frame that fits under the base of the unit, providing a sealed joint between the latter and the cover of the building.

It allows to assemble the ducts directly from inside the building, before installing the Roof Top unit.

The power and control cables can also be passed to the unit through the roofcurb, as well as the hot water and gas supply lines when the unit has the corresponding heating options.

1.2 Assembly

Exploded view



1. Identify the components in the figure.
2. Join the two outer sides -1-, -2-, -3-, -4- and -7-. Do not tighten the bolts.



NOTE

Use the M8 bolts supplied.



ATTENTION

DO NOT fit the bolts -X-

3. Assemble the inner crossbeams -5- and -6-.
4. Secure using the bolts.

5. Assemble the panel -8- and fix it to the sides -2-, -3-, -4- and -7-.

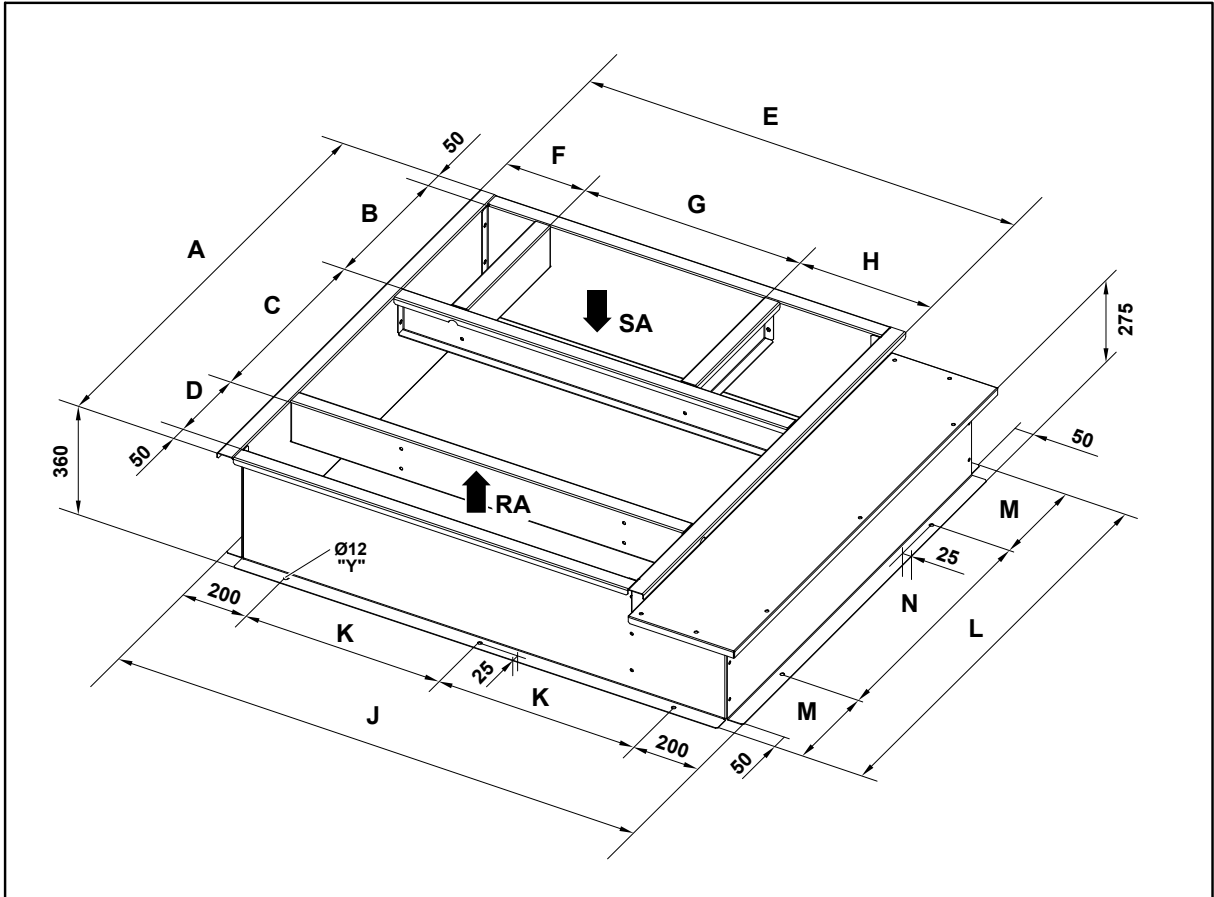


NOTE

The bolts on points -X- fix panel -8- to the side -2- and to the crossbeams -5-.

6. Tighten the bolts.
7. Check the dimensions according to the *General dimensions* figure.

General dimensions



SA Supply air

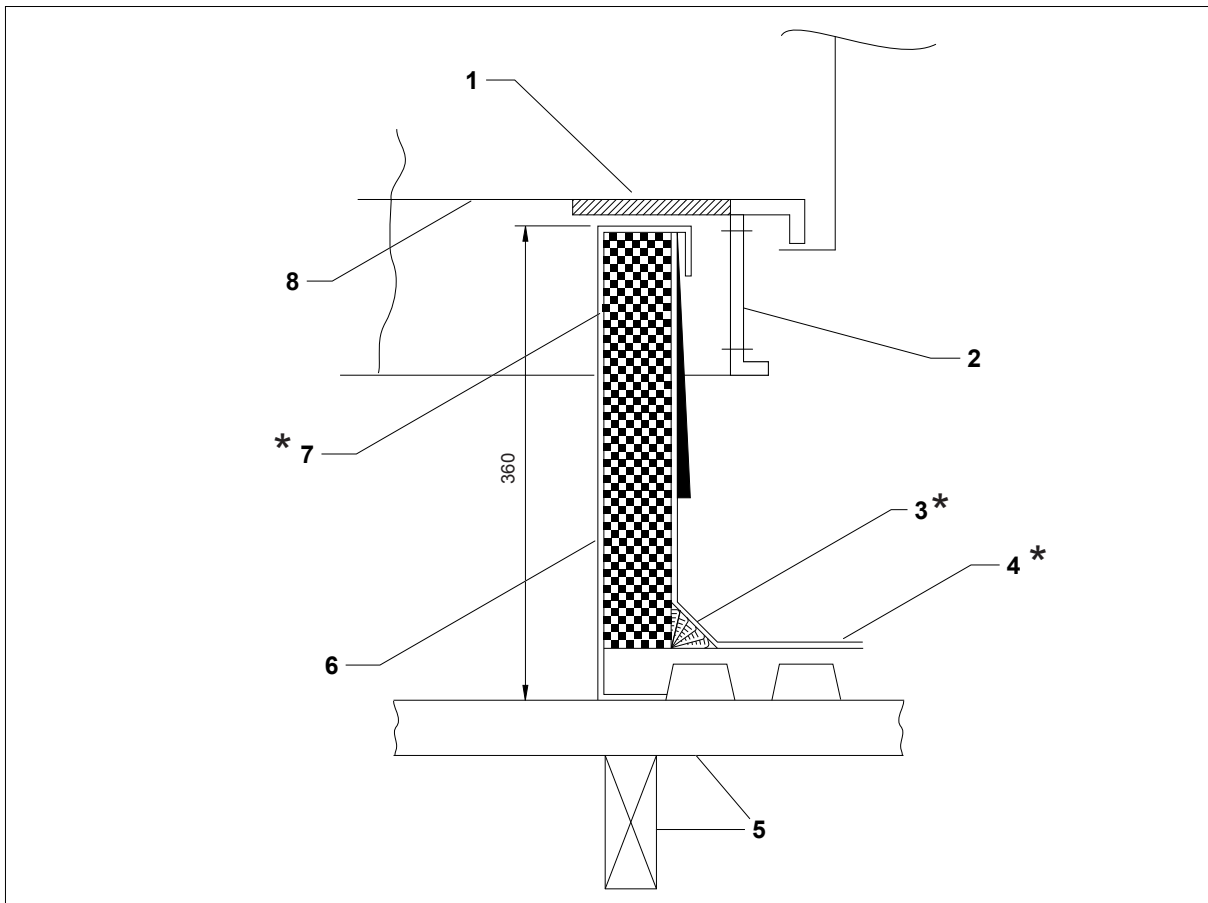
RA Return air

Y Holes for fixing to the structure of the building (x10)

Model	A	B	C	D	E	F	G	H	J	K	L	M	N	Weight [kg]
017 / 022	1410	450	605	255	1320	250	660	410	1600	600	1410	305	800	71
032 / 040	1720	600	695	325	1570	260	850	460	1850	725	1720	410	900	86

Data and measurements subject to changes without prior notice.

1.3 Installation



- | | |
|--|----------------------------------|
| 1. Joint on the base of the unit | 6. Mounting base frame |
| 2. Unit base joists | 7. Rigid insulating material (*) |
| 3. Bevel batten (*) | 8. Unit base |
| 4. Building roof insulating material (*) | |
| 5. Building structure and roof | |

(*) Material not supplied with the Kit

The ROOF CURB mounting base must be correctly fixed to the roof of the building To do so, use the nuts and bolts supplied (M-10) or use welding.

A level tolerance of a maximum of 10 mm in any direction must be maintained.

In order to prevent humidity or condensation from filtering into the building, the four outer sides must be insulated using rigid insulating material. Cover the entire contour with an extension of the same insulating and sealing material used on the roof of the building (components marked "*" are not supplied with the accessory).

Connect the ducts directly on the ROOF CURB, prior to the installation of the ROOF TOP unit. A plenum system (not supplied) can be used, fitted from the outside (cover or roof) to connect the duct from the inside of the building.

If a return air duct is required, consult the connection dimensions in the Roof Top installation manual.