

## KP 80



Fireproof casing for ventilation unit VNV-180

### Application

- Exhaust ventilation of multi-storey residential and public premises with high fire safety requirements.
- Casing for ventilation unit VNV-180.
- Suitable for premises with mono-pipe ventilation system.
- Mounting in kitchens, bathrooms, toilets, storerooms and other household areas.

### Design

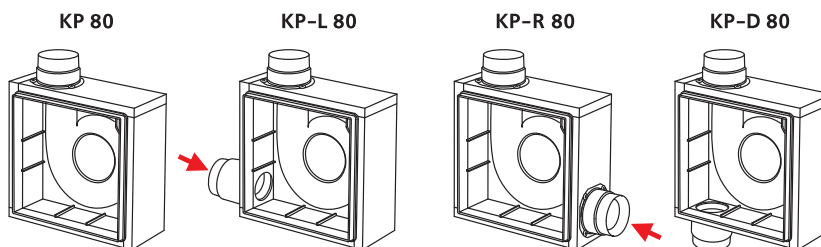
- Designed to prevent penetration of flame products through ventilation shafts into the premises in case of fire.
- Fire resistance rating is E90/160.
- Equipped with a maintenance-free fire-retarding damper and fireproof casing.
- Made of silicate plates manufactured by special cement technology based on calcium silicate.
- The plates contain no asbestos and have high mechanical and insulation properties. High hygroscopic and vapor permeable features provide humidity regulation by the material itself.
- Installed into a wall during construction works.
- Connected with the main ventilation shaft with a flexible air duct.
- Connecting branch pipe diameter 80 mm.
- The ventilation unit is fastened to the casing by means of latches with no tools.
- Supplied with the protective cardboard plate to protect the casing from dirt and dust penetration during construction and finishing works in the room.

### Modifications and options

- In case of two-room ventilation system the casing is equipped with extra branch pipes with three air duct layout modifications for adjacent room ventilation. In such a case the kit for exhaust ventilation of the adjacent room is used.

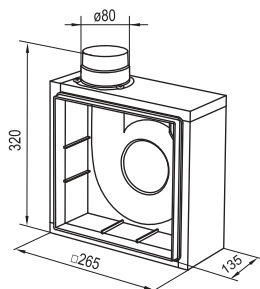
### Fire damper

- Prevents smoke and fire propagation through the air ducts in case of fire.
- As the temperature in the shaft reaches 90°C the thermal fuse melts and the damper shuts automatically hot air access off, so the flame and smoke penetration through the ventilation shaft system is prevented.
- The damper plate is made of stainless steel.
- Operates as a backdraft damper when the fan is off and prevents air flow from the ventilation shaft.



→ Air duct connection for adjacent room ventilation: on the left (KP-L 80), on the right (KP-R 80), on the bottom (KP-D 80)

### Overall dimensions



### Mounting example



### Order code

KP extra branch pipe 80  
 - no extra branch pipe  
 -L - on the left  
 -R - on the right  
 -D - on the bottom

### Accessories



Accessories description and list see on p. 24