



# Wall Ducting Kit for 150mm Exhaust Fans

Cat R621/6D

For externally ducting HPM Cat R621/7, D621/7, 621/7A, 621/8A, 621/9A, R621/9 and D621/9 wall exhaust fans.

A suitable position must be found that will suit

1. The location of the fan in the room,
2. The position of the vent on the outside wall and
3. The location of studs, pipes, wires inside the cavity.

Make a circular hole 160mm in the outside wall in line with the inner hole.

**From the inside.** From the inside, secure the ducting to the fan by using the cable tie supplied. It is vital that the strap is pulled tightly to avoid the possibility of the ducting coming away from the fan when pulled from the other side.

Use screws to fix the fan to the inside wall. The screws and the method of fixing will depend on the inside wall material. (See instructions supplied with fan.)

**From the outside.** From the outside, pull the ducting through the outside hole. The stretched length of the ducting material is approx. 350mm which should be well in excess of requirements. Pull duct tightly and cut the excess ducting off, leaving approx. 50mm to spare.

Remove the inner louvred grille section by gently prying open with a screwdriver.

Attach the vent frame to the remaining duct with the other cable tie so that there is as little slack ducting as possible. Tighten the cable tie strongly. Push the vent frame back into the hole and attach with the appropriate screws for the wall material.

Snap in the louvred grille from the outside with the louvres pointing downwards.

**Note:** It is desirable to have the ducting as taut as possible as any slackness may restrict the air-flow through the ducting.

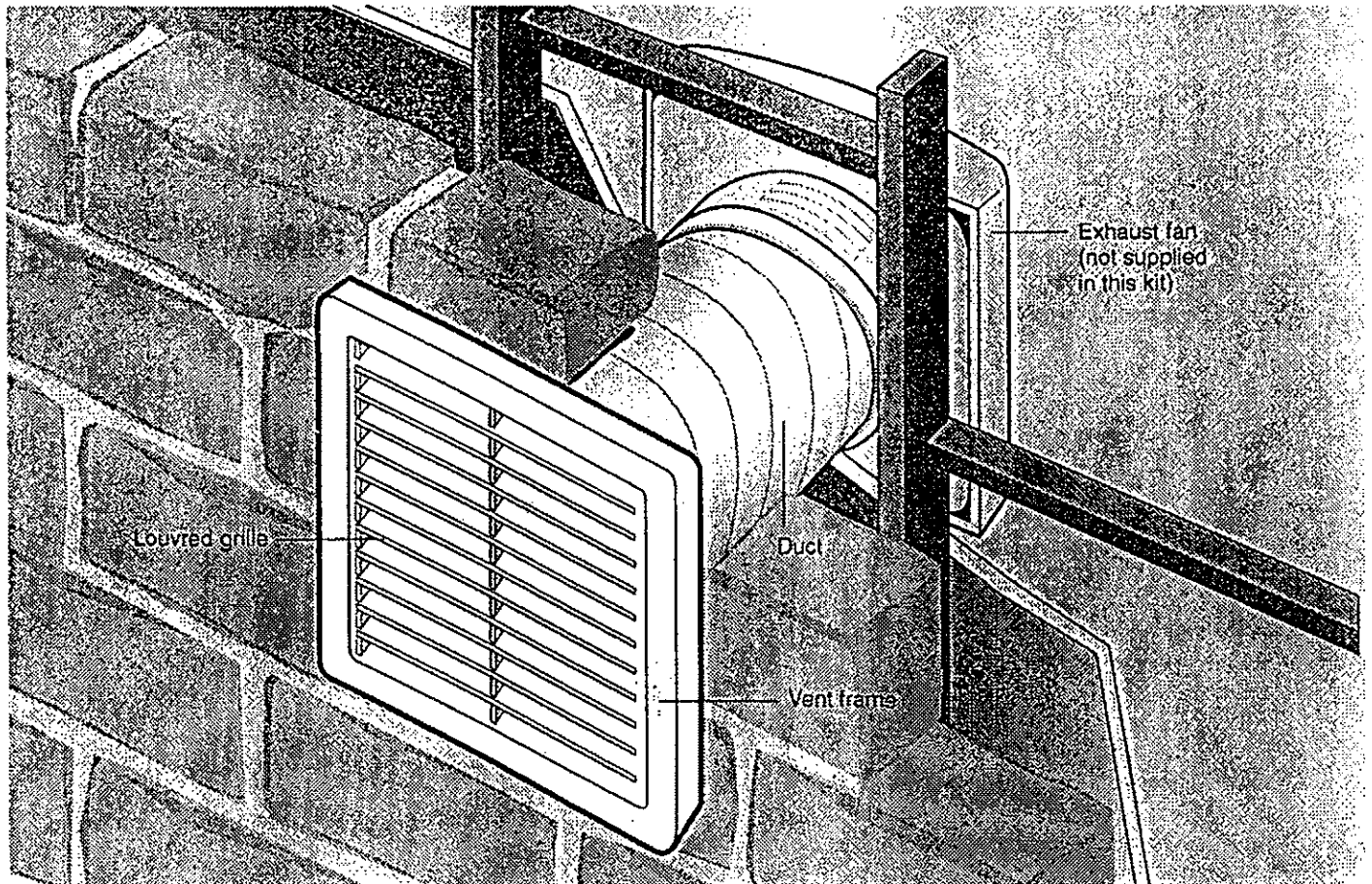


Fig 1. Ducting to the exterior

HPM Cat R621/6D is warranted as here and after appears, against faulty material and/or workmanship for a period of one year from date of purchase.

The obligation of the manufacturer, under this warranty, is limited to servicing and replacing defective parts when the unit is returned to HPM Industries, or the distributors in your state, freight pre-paid.

This warranty becomes void on any unit which has been tampered

## Warranty

with or damaged by accident, short circuited, loaded beyond rating or damaged otherwise by improper operation.

The warranty is also conditional on the unit being installed by a licensed electrical contractor.

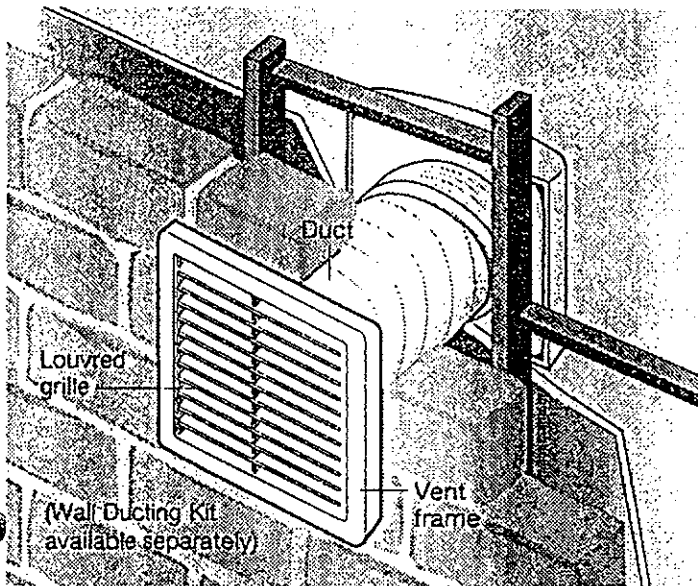
All other warranties, whether expressed or implied, and whether arising by operation of law or otherwise are hereby excluded.

HPM Industries Pty Ltd.



Cat R621/6D  
Made in China

Instructions for installing HPM Cat 621/7 and 621/9 series fans through a cavity wall using HPM Cat R621/6D Wall Ducting Kit.



A suitable position must be found that will suit:

1. The location of the fan in the room,
2. The position of the vent on the outside wall, and
3. The location of studs, pipes, wires inside the cavity.

Make a circular hole 155mm (6 1/8") in the outside wall in line with the inner hole.

**From the inside.** From the inside, secure the ducting to the fan by using the cable tie supplied. It is vital that the strap is pulled tightly to avoid the possibility of the ducting coming away from the fan when pulled from the other side.

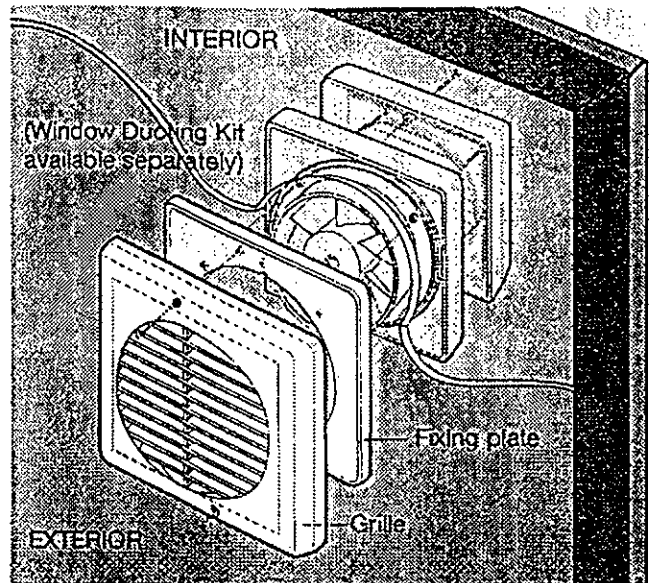
Use screws to fix the fan to the inside wall. The screws and the method of fixing will depend on the inside wall material. (Also see installation instructions on the front page.)

**From the outside.** From the outside, pull the ducting through the outside hole. The stretched length of the ducting material is approx. 350mm which should be well in excess of requirements. Pull the duct tightly and cut the excess ducting off, leaving approx. 50mm to spare.

Attach the outside vent to the remaining duct with the other cable tie so that there is as little slack ducting as possible. Tighten cable tie strongly. Push the outside vent back into the hole and attach with the appropriate screws for the wall material.

**Note:** It is desirable to have the ducting as taut as possible as any slackness may restrict the air-flow through the ducting.

Instructions for installing HPM Cat 621/7 and 621/9 series exhaust fans into windows using HPM Cat R621/6W Window Ducting Kit.



1. Cut a 180mm diameter hole in the glass using a circular glass cutter. (HPM recommend that a qualified glazier performs this task.) The hole should be positioned as high as possible for greatest effectiveness but no closer than 200mm to the edge of the glass.

2. **From the inside.** Remove the cover from the fan and place the circular fan housing through the hole. Check to see that the gasket fits firmly against the glass.

**From the outside.** Slide the fixing plate over the fan housing. Check to see that the gasket fits firmly against the glass.

**From the inside.** Insert the four screws supplied through the holes provided in the fan housing. These will pass through the hole in the glass and tighten onto the brass ferrules in the fixing plate. Tighten screws firmly (do not overtighten).

**From the inside.** Replace the fan cover and screw it into place. (Two screws supplied.)

**From the outside.** Fix outside grille (louvres pointing down) with two screws supplied.

3. After installation ensure that the impeller rotates freely.

### Warranty

HPM Cat R621/7 & D621/7 and R621/9 & D621/9 are warranted as here and after appears, against faulty material and/or workmanship for a period of one year from date of purchase.

The obligation of the manufacturer, under this warranty, is limited to servicing and replacing defective parts when the unit is returned to HPM Industries, or the distributors in your state, freight pre-paid.

This warranty becomes void on any unit which has been tampered with or damaged by accident, short circuited, loaded beyond rating or damaged otherwise by improper operation.

The warranty is also conditional on the unit being installed by a licensed electrical contractor.

All other warranties, whether expressed or implied, and whether arising by operation of law or otherwise are hereby excluded.

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Made in China

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