

# Extract fans – air leakage

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## Question

Do extract fans/cooker hoods or their ducting require non-return shutters to reduce air leakage?

## Considerations

- An unrestricted extract duct through the wall can create a path for unwanted airflow between the inside and outside of a dwelling.
- Approved Document L1 (England & Wales) requires unwanted air leakage to be reduced.
- Robust Details gives guidance on ways to comply with Approved Document L1 but this does not make reference to air leakage through fans and cooker hoods.

## Answer

To comply with Approved Document L1 (England & Wales) it is not necessary to provide non-return shutters on extract fans/cooker hoods or their ducting.