

Technical Guidance

Extract fans - air leakage

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.