

Acknowledgements

1. Air conditioning systems
Image description and acknowledgement
Air duct MmeEmil / iStock / Getty Images

3. Gas systems
Image description and acknowledgement
Domestic gas meter Roger Mechan / iStock / Getty Images
Gas stove flame Image by Ivan Radic / Wikimedia Commons / CC BY 2.0
Gas fireplace TonyBaggett / iStock / Getty Images
Gas heating Jpr03 / iStock / Getty Images

6. Plumbing systems
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Bottle trap under sink Bjoern Wylezich / iStock / Getty Images
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PIR detector burglar alarm	Robert Moore / iStock / Getty Images
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9. Natural and mechanical ventilation systems	
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Air handling unit	Dmytro Kuznietsov / iStock / Getty Images

10. Mechanical principles of components

Image description and acknowledgement

Gas boiler room
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11. Pipework and ductwork

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Aluminium hoses
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Insulated flexible ducting
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Outdoor ventilation system
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A Circular Attenuator
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Ventilation grilles
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Ratchet threader
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A metal clip clamp
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Ball Valves
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Valve
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14. Electrical supply

Image description and acknowledgement

Drax Power Station
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