OCCUPATIONAL SAFETY · ELECTRICAL SAFETY

VITS

Extension leads

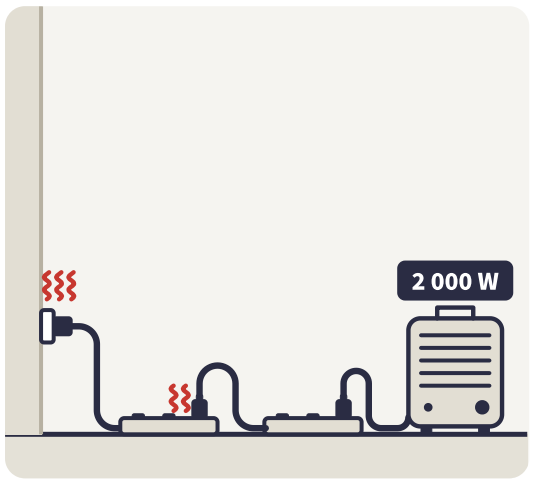
Daisy-chained and overloaded leads can catch fire. **Five appliances were plugged into an extension lead that was itself plugged into another extension. A person died in the fire.**

Possible consequences

Fire · Electric shock · Burns · Short circuit · Falls

LEAD INTO LEAD

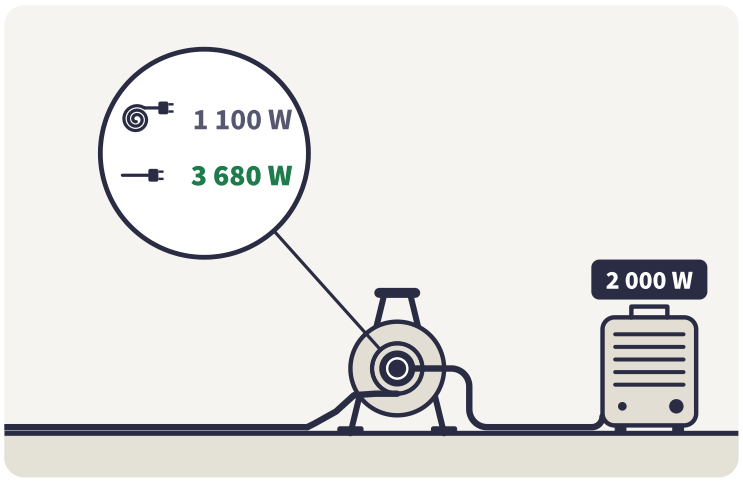
Daisy-chain



- Lead plugs into another lead
- Sockets can overheat
- Leads can catch fire

ONE LEAD

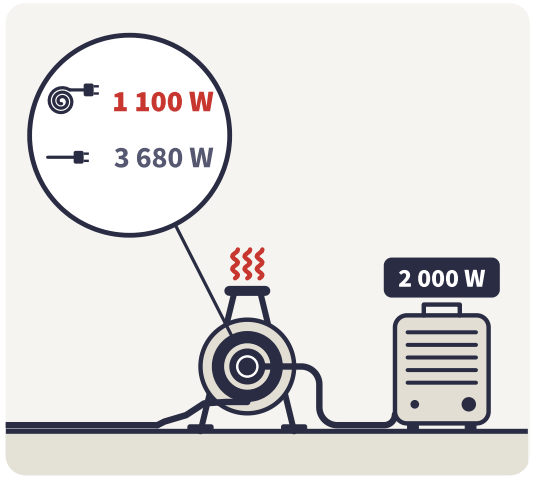
Fully unwound



- 2 000 W fan heater on one lead
- Cable is fully unwound from the reel
- 3 680 W allowed when unwound

REEL WOUND UP

Overheats



- Fan heater uses 2 000 W
- 1 100 W allowed when wound up
- Cable overheats and can ignite

Users must be protected against the risk of electric shock from direct or indirect contact. The drawing shows the label data of one 25 m reel.

DO

- **Check the lead, plug and socket before use.**
- **Use one lead rated for the appliance’s load.**
- **Compare appliance wattage to lead rating.**
- **Unwind the cable reel fully.**
- **If the thermal cut-out trips, let the reel cool.**
- **Outdoors, use a splash-proof extension lead.**
- **Use an RCD in wet areas and outdoors.**
- **For permanent use, have a socket installed.**

DON’T

- **Don’t daisy-chain extension leads**
  The wall socket and connections can overheat and catch fire.
- **Don’t use a damaged lead or plug**
  Damaged insulation can give you an electric shock.
- **Don’t run leads across walkways**
  Someone can trip, and the lead can get damaged.
- **Don’t trap a lead in a door or under heavy objects**
  A crushed lead can cause a short circuit or fire.
- **Don’t pull a plug out by the lead**
  Pulling can damage the lead.
- **Don’t run a lead over sharp edges or hot surfaces**
  The insulation can melt or break.
- **Don’t leave connectors on the ground outdoors**
  Moisture can cause a short circuit or shock.

REMEMBER

One lead. Reel unwound. No damaged leads.

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