

## Improve heat retention by fitting an airtight downlight cover

Thermahood's unique design provides an airtight seal that prevents heat loss and allows for continuity of loft insulation.

### Features & Benefits

#### Reduce heat loss

Downlights add ambience and character to our homes. However, they are a weak point in fighting against heat loss as they can reduce the effectiveness of loft insulation by as much as 30%. Air leakage can be significantly reduced by fitting a Thermahood cover.

#### Improve air quality

By using downlight covers you can help minimise the risk of condensation by reducing draughts and air flow – our product works in tandem with heat recovery systems, supporting controlled air flow. Thermahood also prevents insects from infiltrating living areas.

#### Reduce fire risk

Thermahood is manufactured from recyclable, flame retardant material, which helps reduce the risk of fire from household storage items.

#### Meet requirements for Building Regulation 2.3:

- C2 condensation
- L1 fuel conservation
- E1 sound protection

#### Easy to instal by anyone

Once fitted, Thermahood doesn't require any maintenance. Please refer to fitting instructions for further information.

#### Reduce outside noise

In contrast to simple firehoods, our product provides a noise barrier.

### Technical Data

#### Air tightness test

Thermahood has been tested in compliance with Building Control Doc. F 'Conservation of Fuel and Power' and BS EN 1026: 2000 Window and Doors – Air permeability– test method.

**Thermahood reduced air leakage at 50pa from 5.97(m<sup>3</sup>/h\*m<sup>2</sup>) to 4.69(m<sup>3</sup>/h\*m<sup>2</sup>), an air-leakage reduction of 21.45%**

Test Ref. No. SRC 04/13 (AA17549A A. A. Testing)

#### Ingress of dust test

Thermahood was subjected to the test of ingress dust and was deemed to comply with the requirements for dust tight luminaires, i.e ingress protection classification IP6X.

Test Specification: BS EN 60598-1:2015



**Product Code:** TH 001  
**Product Dimensions:** O/D 205mm  
I/D 165mm  
I/H 133mm



**Product Code:** TH 140  
**Product Dimensions:** 186mm x 186mm  
I/H 137mm

Sale of Halogen Lamps has been banned in UK & Europe due to poor efficiency. Thermahood recommends use of LED lamps with our products

Thermography Test - Test Ref. No. SRC 05/13				
Characteristic		Specification	Peformance	Detail
Mechanical resistance and stability	Compression Resistance	Electrical Safety Council Best Practice Guide 5	Pass	Section 3 Para 6.1
	Stability	Electrical Safety Council Best Practice Guide 5	Pass	Section 3 Para 6.2
Safety in case of fire	Flammability rated	UL94	V0	Section 4 Para 4.1
	Fire Hazard	IEC 695-2-1	960o pass	Section 4 Para 4.2
	Prevention of Overheating	BS EN 60598-2-2:1997	Pass	Section 4 Para 4.3

**Thermahood helps guarantee building standards for professional builders by minimising the risks involved in installing unprotected downlights.**

**Loft or attic insulation effectiveness can be improved by as much as 50% by using Thermahood Downlight Covers!**

