FREESTANDING INFRARED HEATERS

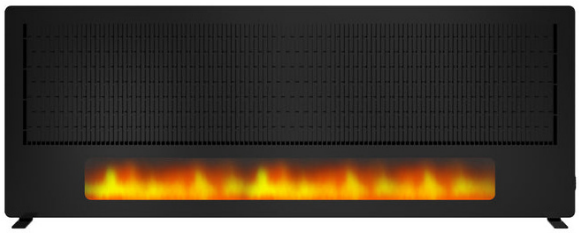
WITH LED FLAME EFFECT

1700W / 2100W

3-YEAR
RADI8 WARRANTY



1700W
FSH8456L1700
Rated heating output



2100W
FSH12446L2100
Rated heating output

Two freestanding heaters with a glass-ceramic and graphene carbon heating element. Both models have on-unit heat control and a decorative LED flame that can run independently.

Rotary thermostat

The mechanical thermostat cycles the heating on and off.

Independent flame

A separate switch controls the decorative LED flame, with or without heat.

Built-in protection

Both models have overheat protection and a tip-over cut-out.

FLAME EFFECT WITHOUT HEAT

Switch the main power ON, turn the rotary heating knob fully anticlockwise, then switch the separate LED flame switch ON.

Technical specification

Dimensions shown as width × height × depth.

Model comparison	1700W model	2100W model
RADI8 product code	FSH8456L1700	FSH12446L2100
Rated heating power	1700 W	2100 W
LED flame power (additional)	2.2 W	6.6 W
Body dimensions	840 × 560 × 65 mm	1240 × 460 × 65 mm
Assembled dimensions with feet	840 × 560 × 260 mm	1240 × 460 × 260 mm
Weight including feet	10.2 kg	12.8 kg

Shared specifications	Both models
Heating element	Glass-ceramic and graphene carbon
Front and rear materials	Wire mesh front, iron sheet rear
Electrical supply	220–240 V / 50 Hz, 1.9 m cable with 13A UK plug
Heating control	Rotary mechanical thermostat, no numbered temperature settings
Flame control	Separate LED flame ON/OFF switch
IP rating and location	IP20. Dry indoor locations only. Keep out of bathrooms.
Operating temperatures	Surface below 110°C. Maximum room temperature 30°C.
Protection	Overheat protection and tip-over cut-out
Installation	Freestanding on the two supplied feet
RADI8 warranty	3 years

Minimum clearances

600 mm
Front

300 mm
Rear

300 mm
Each side

300 mm
Above

Measure from the nearest outside part. Keep walls, furniture and curtains clear.

Positioning and supply

Fit both feet and place the heater on a stable, level floor. Allow space for the controls and cable. Plug directly into a suitable earthed mains socket. Do not use an extension lead or connect to an external thermostat. Follow the supplied manual for the full safety instructions.

November 2026 | Specifications aligned to manual edition 1.2