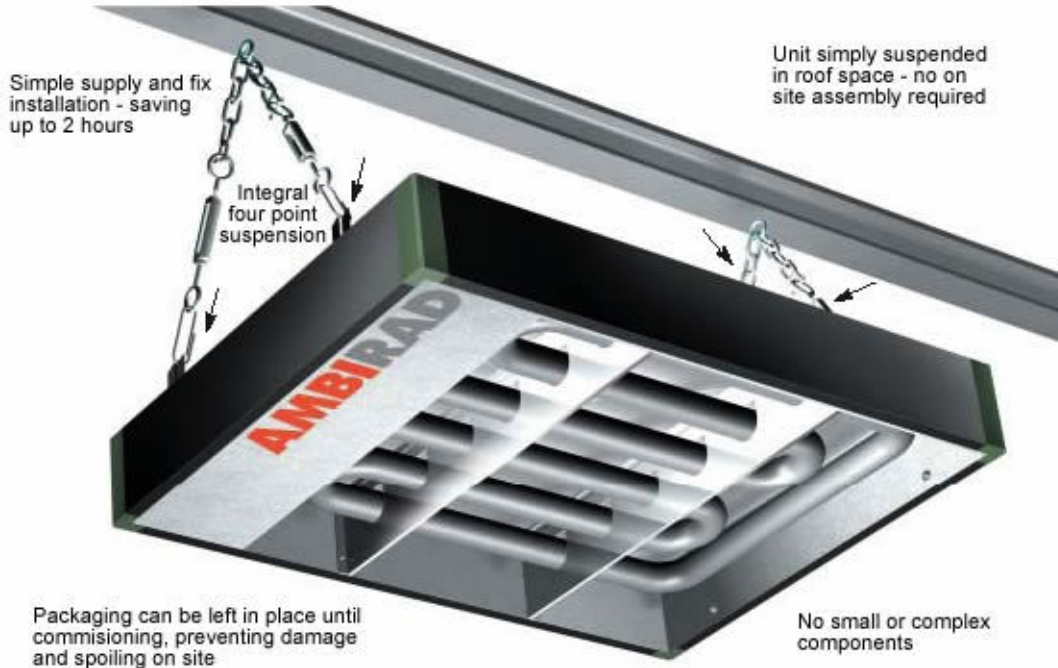


## COBRA

### Packaged Radiant Tube Heaters

Cobra represents a radical new approach to gas fired radiant heating – a packaged heater that requires no on site assembly.

It can simply be unpacked and suspended into the roof space – dramatically reducing on site handling and installation time.



### Specification

Cobra incorporates a 20kW gas fired burner suitable for natural gas (G20) and propane (G31). The Cobra is currently available in two sizes and is constructed from twin wall steel panels. Units can be installed unflued, individually flued, or on a central 'herringbone' manifold and can be fitted with ducted fresh air intake onto the burner to provide combustion air from outside the building. Cobra is very quiet in operation being rated at 40 and 48dB(A) for the 20 and 40kW models. The noise levels can be further reduced by up to 6dB(A) by flueing the product and filling ducted fresh air. Cobra is despatched in shrink-wrapped packaging which can be left on when installed to protect the heater from soiling during other non-related building work. The packaging then can simply be removed when the unit is commissioned. Cobra tube specification is of stainless and aluminised high temperature steel for improved longevity and performance. Protective ball guards and decorative grilles are available for applications in sports environments.

### Cobra benefits

- No on site assembly – installation time reduced by **up to 2 hours.**
- Easy to operate and maintain.
- Ease of handling – no complex or fiddly components.
- High temperature steel radiant tubes for longer life and performance.
- Improved integration with building aesthetics.
- Increased radiant and thermal efficiency – reduces running costs.
- Balanced flue option available – no air vents need to be fitted.
- Minimises the impact of the Climate Change Levy.

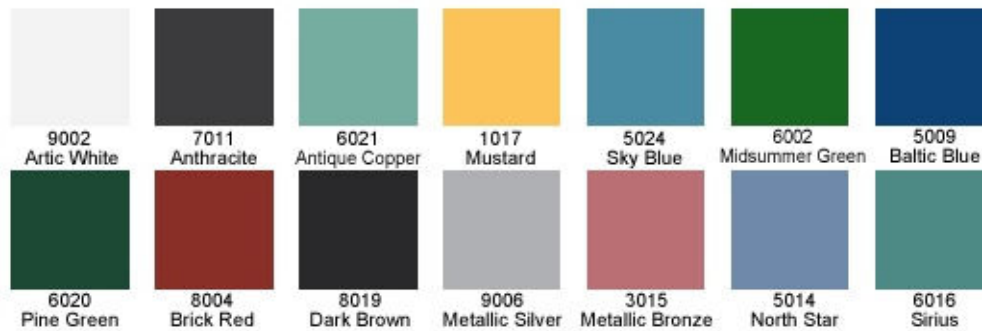
(next phase of development).

- Very quiet operation – ideal for commercial / public environments.

### Colour coding

Cobra is constructed from pre-coated steel with RAL9002 (Arctic White) and RAL7011 (Anthracite) being available as standard colours.

The range of RAL colours shown below are available for a small additional charge. Please contact our sales department to check availability.



### Specification and technical data

MODEL			CB12	CB20	CB40
Nominal heat input	G20 natural gas	kW	11.4	19.5	38
	G31 propane	kW	11.4	18.5	-
Gas flow rate	G20 natural gas	m <sup>3</sup> /h	1.1	1.85	3.6
	G31 propane	m <sup>3</sup> /h	0.43	0.69	-
Gas supply	-		Connection R1/2 1/2in BSP external thread		
Gas pressure	G20 natural gas		max. 25.0 (min.17.5)		
	G31 propane		max. 57.5 (min.25.0)		
Electrical supply	-		230 volts 1 phase 50Hz		
Current rating	-		0.55 amp max.(inductive)		
External fuse rating	-	amps	3		
Ignition	-		Electronic programme start-up with spark ignition		
Noise level @3m 'free field'	-		48		40
Dimensions	-	mm	1710L x 1265W x 200D		2298L x 1865W x 256D
Flue diameter	-		125mm single wall or 125mm twin wall		
Ducted air diameter	-	mm	102	102	102
Total installed weight	-	Kg	91	91	152
Minimum mounting height	-	m	4.3	5.2	5.7
Rec mounting height range*	-	m	4.3-9.0	5.2-10.0	5.7-10.5

\* **Note** for mounting above or below these heights please contact technical department.

### Clearance from combustibles

MODEL		CB12	CB20	CB40
Above reflector	mm	570	570	680
Beneath tubes	mm	1370	1600	2300
To the sides	mm	670	1050	1300
To the ends	mm	640	640	940

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