

Grimwood Radiant Heaters offer the ideal solution to all applications where radiant heat is required. Heaters are constructed from a strong heavy duty aluminium frame, stainless steel reflector, reliable tubular sheathed elements and high temperature wiring and terminal connections.

#### **COMFORT HEATING**

Grimwood Radiant heaters are ideal for locations such as schools, factories, hospitals, churches, shopping centres, public halls and restaurants. They can be mounted on walls using our optional mounting hinges, or from the ceiling suspended by chain to allow the heat to be directed exactly where it is required.

#### **PROCESS HEATING**

Grimwood Radiant heaters can also be mounted in rows or banks, tunnel or oven section configurations to achieve concentrated heat in many heat process applications, such as drying paint or fruit, heating plastic materials for forming, heat curing or melting glues.

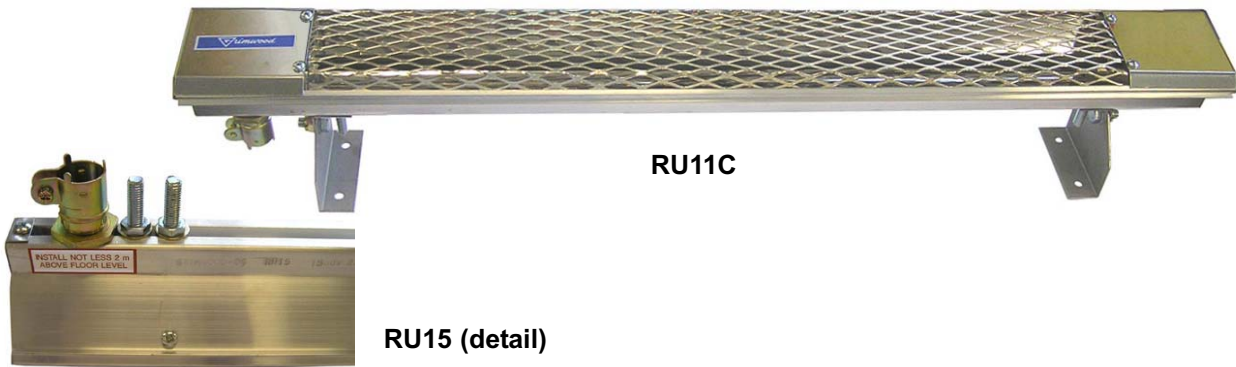
*In these applications, if the ambient temperature of the heater exceeds 50°C, and/or the heater is subjected to a moist or corrosive atmosphere, then reduced life can be expected. Action should be taken by the user to prevent the heater from being subjected to the conditions noted above.*

**Contact your Grimwood Agent for special wattages voltages or sizes**

**RADIANT HEATERS - SINGLE AND DUAL ELEMENT TYPES**

Grimwood offers a full range of heavy duty radiant heaters incorporating 11mm diameter alloy sheathed elements. Single ended connection to ceramic terminal blocks is incorporated in all models. All units are suitable for fixed wiring.

**Applications include:** Comfort heating in public, commercial or industrial premises; drying, pre-heating and many other commercial or industrial uses.



Type RU is manufactured to AS3103-1985 and't 1, (Electrical Room Heaters) for fixed mounting at a height of 2 metres or more above floor level.

Mains connection to the RU Series requires cable entry through metal conduit glands / terminators and silicon cables with a minimum rating of 105 degrees C.

**SINGLE ELEMENT**

CAT No.		WATTAGE	ELEMENT HEATED LENGTH (mm)	OVERALL LENGTH (mm)	NET WEIGHT (kg)
Heater assembly only	Complete with protective grill and mounting hinges				
RU08	RU08C	800W	380	597	1.2
RU11	RU11C	1100W	535	738	1.6
RU15	RU15C	1500W	715	929	2.0
RU18	RU18C	1800W	860	1072	2.2
RU24	RU24C	2400W	1150	1367	2.7
RU30	RU30C	3000W	1420	1635	3.3
RU36	RU36C	3600W	1680	1896	4.0

**DUAL ELEMENT**

CAT No.	WATTAGE	ELEMENT HEATED LENGTH (mm)	OVERALL LENGTH (mm)	NET WEIGHT (kg)
RT16	1600W	380	597	1.4
RT22	2200W	570	740	1.8
RT30	3000W	760	932	2.3
RT36	3600W	900	1075	2.5
RT48	4800W	1200	1370	3.1

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**WALL MOUNTED COMMERCIAL HEATER**

**Special Application:** This unit is designed for commercial/industrial comfort heating in schools, factories, hospitals, churches, shops and public halls/gymnasiums, and incorporates a black heat element so that the sheath cannot ignite particles in the air such as sawdust or lint. This feature ensures a high degree of personal safety.



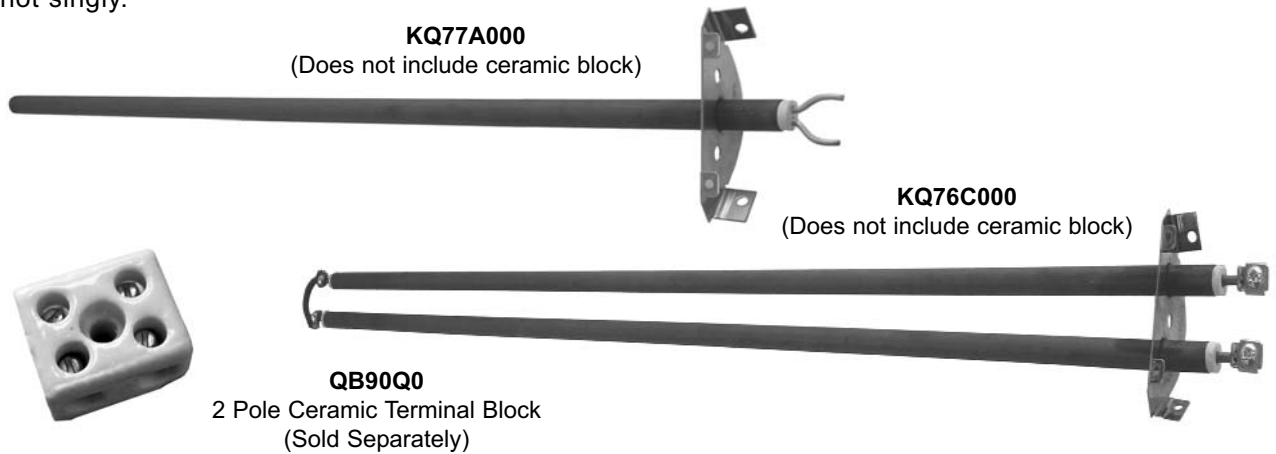
**RU15LWD**

Available as standard units or with Neon Indicator to denote the unit is energized

CATALOGUE No.	WATTAGE	HEATED LENGTH (mm)	OVERALL LENGTH (mm)
RU15LWD	1500W	1420	1635

**REPLACEMENT PARTS AND ACCESSORIES**

Replacement element kits are supplied with elements crimped to the stainless steel earthing shield for securing to the extruded body. For twin element models, both elements are replaced at once, not singly.



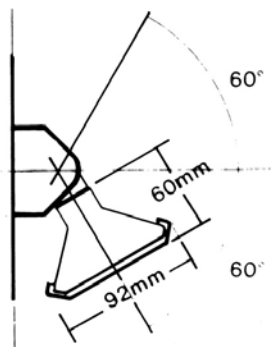
CAT No.	WATTAGE	SUITABLE FOR:	CAT No.	WATTAGE	SUITABLE FOR:
KQ77A000	800W	RU08	KQ76A000	1600W	RT16
KQ77B000	1100W	RU11	KQ76B000	2200W	RT22
KQ77C000	1500W	RU15	KQ76C000	3000W	RT30
KQ77D000	1800W	RU18	KQ76D000	3600W	RT36
KQ77E000	2400W	RU24	KQ76E000	4800W	RT48
KR43A000	3000W	RU30			
KR43B000	3600W	RU36			
RU15LWDE	1500W	RU15LWD, RU15LWDWN			

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**MOUNTING HINGES**

Optional extra  
Cat. No. **KS1900/S**



**PROTECTIVE GRILLS**

CATALOGUE No.
KQ74A0
KQ74B0
KQ74C0
KQ74D0
KQ74E0 Kit
KQ74F0 Kit
KQ74G0 Kit

DIM "L"
450
590
780
924
1220
1484
1750

FITS TYPES:
RU08, RT16
RC11240, RU11, RT22
RU15, RT30
RU18, RT36
RU24, RT48
RU30, RU15LWD, RU15LWDWN
RU36

**REFLECTORS**

Supplied as a flat strip for springing into the extruded body. Single and dual element types of the same overall length use the same reflectors.

CATALOGUE No.
PE30Q0WH
PE30R0WH
PE30S0WH
PE30T0WH
PE30U0WH
PE30V0WH
PE30W0WH

DIM "L"
433
574
765
908
2 X 602
2 X 735
2 X 866

FITS TYPES:
RU08, RT16
RU11, RT22
RU15, RT30
RU18, RT36
RU24, RT48
RU30, RU15LWD, RU15LWDWN
RU36

**ELEMENT SUPPORT 'BUTTERFLIES'**



CAT No. **RD9600WH**  
Suits all CAT Nos



**KQ7100**  
Single Element Heater



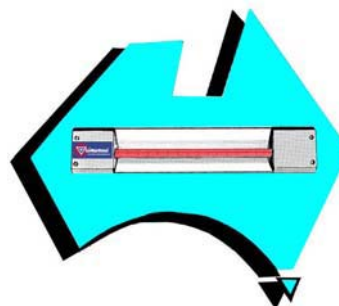
**KQ7200**  
Twin EL Heater

Remote end Support Brackets

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## Radiant Heaters RU and RT Series



### INSTALLATION GUIDE

Congratulations on purchasing a Grimwood “Industrial Strength” Radiant Heater.

RU and RT Series Heaters are manufactured to Australian Standards AS/NZS 60335.1:2002 ( Household and similar electrical appliances-Safety ) General requirements and AS/NZS 60335.2.30:2004 Particular requirements for room heaters for fixed mounting at a height of 1.8m or more above floor level.

- When mounting and securing industrial type radiant heaters, it is essential that allowance be made for the extruded aluminium body to expand and contract when the heater is switched on and off respectively. If slide bolts are used, either directly or via mounting hinges, for fixing to walls or equipment, then only one slide bolt should be locked to the heater body to secure it. The other bolt must be left free to slide in the slot, using the pair of nuts supplied to attach it to the supporting structure only.
- Heaters can be mounted using slide bolts and nuts (supplied), hinges (optional extra), or via chains (own supply) attached to the slide bolts.

### IMPORTANT SAFETY INFORMATION

#### **I WARNING**

**ELECTRIC SHOCK HAZARD:** The unit must be hard-wired in accordance with all local and applicable electrical codes. Connections should be made by a qualified, licensed Electrician.

**DO NOT** Install in areas of high condensing humidity. E.g. Steam

#### **I CAUTION**

**BURN HAZARD:** The exterior surfaces on the unit will get hot. Use caution if touching these areas.

To ensure safe operation, refer to mounting requirements in the installation section

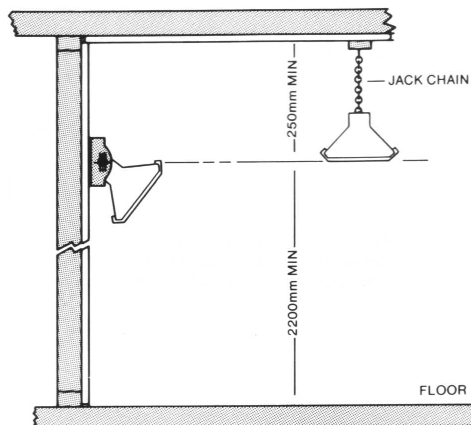
**Connections**

For a safe installation, mains connected to the RU and RT Series require:

- Cable entry through 16mm Helical flexible steel conduit gland supplied
- Silicon cables with a minimum rating of 150°C
- Secure Earth connection.

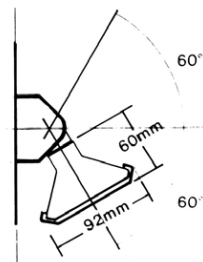
**Mounting requirements**

The safe recommended comfort heating installation methods and clearances are shown in figure A.



**FIGURE A**

For wall mounting, hinged brackets are available as optional extras.



Mounting Hinge  
KS1900/S

Replacement spare parts and Accessories are available for the RU and RT Series.

Please contact your Grimwood Stockist or visit [www.grimwoodheating.com.au](http://www.grimwoodheating.com.au)

Details are in Section 15-1 of the 'On-Line Catalogue'

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