

## SUPER RAY Infra-Red Gas Heating

**CHURCHES  
SCHOOLS  
SHOPS  
FACTORIES  
WAREHOUSES  
HALLS  
RESTAURANTS**



■ Infra-Red energy is similar to visible light, radio waves and x-rays. It travels at the speed of light as energy is reconstructed into heat only on direct contact with solid surfaces. Human skin most receptive to infra-red heating. It is unaffected by influences such as air temperatures or movement and can be focused and directed with reflectors.

The selectivity of infra-red conversion into heat greatly benefits comfort heating and industrial processing, because only the required amount of heat actually required needs to be produced and it is easily located to the precise location.

In commercial use this allows selected indoor areas to be heated to comfort level without raising the temperature away from that immediate position.

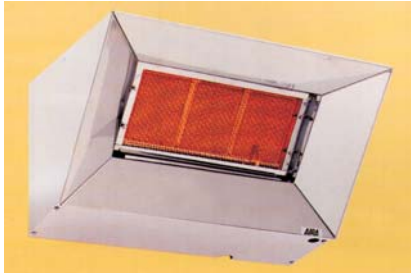
This quality is unique to infra-red heating and can effect great saving in fuel costs. Zone or broad heating is achieved by positioning specified numbers or combinations of heaters at appropriate heights and locations.

This type of heating does not directly heat air, keeping the air fresh and invigorating. Objects and surfaces including furniture, floors and walls absorb and re-radiate warmth to further raise comfort levels. Air movement over these heated objects will raise the temperature of this air.

■ Super-Ray Heaters are available in 16, 24, 40 and 48 megajoule input models, with one cord manually controlled Piezo automatic ignition or 240 volt electronic ignition. All models are available for Natural and Propane gases.

## OPTIONAL ACCESSORIES

Model WCA  
Deluxe Outer Casing



Model WGA  
Ball Guard



Model WHA  
Heat Shield



### Deluxe Outer Casing

All Super-Ray heaters are available with an identical optional stainless steel Deluxe Outer Case to provide a durable, attractive and decorative appearance when required.

### Ball Guard

Heavy duty with Silver Zinc Aluminium finish designed to protect the heater from objects thrown or placed against it.

### Heat Shield

The stainless steel Heat Shield complete with thermal absorption mill board are designed to reduce the clearance required between the heater and a combustible ceiling surface.

## FLEXI-RAY HEATERS

The Flexi-Ray is a portable self-contained Infra-Red gas heater that operates from its own bottled Propane gas supply, and comes complete with hose, regulator and mounting bracket.

They are easily moved and can be positioned for accurate, directionalised heating, and are available in 16, 24, 40 and 48 megajoule input models with one cord manually controlled Piezo ignition. All models feature a tip over tilt switch, which automatically stops the heater operating in the event of the unit being displaced.



(cylinder not included)

# SPECIFICATIONS

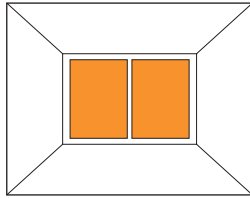
**WMA - Manual Piezo Ignition**

**WEA - Electronic Ignition**

**WFA - Flexi Ray**

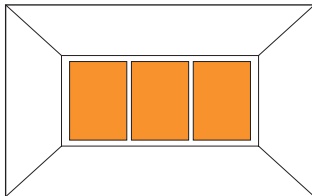
These appliances should be installed and used with accordance with - AG601 Manufacturer's Installation Instructions, Local Gas Fitting Regulations, Municipal Building Codes, AGA Installation Code for Gas Burning Equipment, and must be installed by an authorised person. AGA Approval 5492

Mounting Brackets supplied with all heaters



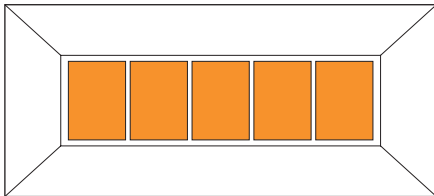
## WMA / WEA / WFA 16

<b>Input</b>	16 MJ, 4.4 KW
<b>Width</b>	401 mm
<b>Height</b>	334 mm (WFA model 2030 mm)
<b>Depth</b>	180 mm (WFA model 450 mm)
<b>Weight</b>	5.6 kg



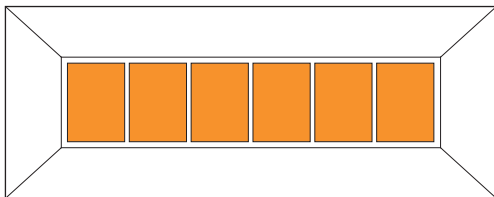
## WMA / WEA / WFA 24

<b>Input</b>	24 MJ, 7.0 KW
<b>Width</b>	499 mm
<b>Height</b>	334 mm (WFA model 2030 mm)
<b>Depth</b>	180 mm (WFA model 450 mm)
<b>Weight</b>	6.5 kg



## WMA / WEA / WFA 40

<b>Input</b>	40 MJ, 11.1 KW
<b>Width</b>	695 mm
<b>Height</b>	334 mm (WFA model 2030 mm)
<b>Depth</b>	180 mm (WFA model 450 mm)
<b>Weight</b>	8.4 kg



## WMA / WEA / WFA 48

<b>Input</b>	48 MJ, 14 KW
<b>Width</b>	793 mm
<b>Height</b>	334 mm (WFA model 2030 mm)
<b>Depth</b>	180 mm (WFA model 450 mm)
<b>Weight</b>	9.3 kg

Gas Pressure	Min	Max	Gas Connection	(all models)
Natural Gas	0.98	4	Natural Gas	1/2" copper flare
LPG	2.75	4	LPG	3/8" copper flare

Size	Approx area heated		Approx spacing for total heating		Approx height from floor*	Ceiling clearance <sup>†</sup>
	Spot	Total	Facing	Side by side		
16	19 m <sup>2</sup>	25 m <sup>2</sup>	8.0 m	6.1 m	2.5 m	0.9 m
24	28 m <sup>2</sup>	37 m <sup>2</sup>	9.8 m	7.3 m	2.7 - 3.4 m	1.0 m
40	47 m <sup>2</sup>	62 m <sup>2</sup>	15.0 m	9.0 m	3.4 - 4.5 m	1.0 m
48	56 m <sup>2</sup>	74 m <sup>2</sup>	17.0 m	10.0 m	3.9 - 4.9 m	1.0 m

\*minimum mounting height above floor level is 2.5 metres  
†if insufficient ceiling clearance available use optional Heat Shield

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specifications subject to change without notice