ionmax®
energised for life

RAY

FAR INFRARED HEATER

Heat Like the Sun

ionmax

RAY

HEAT LIKE THE SUN

FAR INFRARED HEATER

The Ionmax Ray creates heat that you can feel in any room, just like the sun does but without its harmful UV rays. It uses Far Infrared (FIR) rays to create heat that travels cleanly through the air and is absorbed by objects it touches. Our skin absorbs FIR heat especially well, as the human body is composed of 80% water. This heat is readily transported around the body, keeping you warm. Objects retain the heat they have absorbed and re-radiate it back into the room, helping to prevent heat loss through drafts and providing a more energy-efficient and economical method of heating.

Efficient and Targeted Heating

Suits Rooms of All Sizes

Low Noise Operation

Easy-to-Use Control Panel

9 heat settings (200W to 1200W)
1 - 9 hour timer
Auto switch-off after 10 hours

Front

Back

User-Friendly Design

Top handle for easy lifting and tilting adjustments

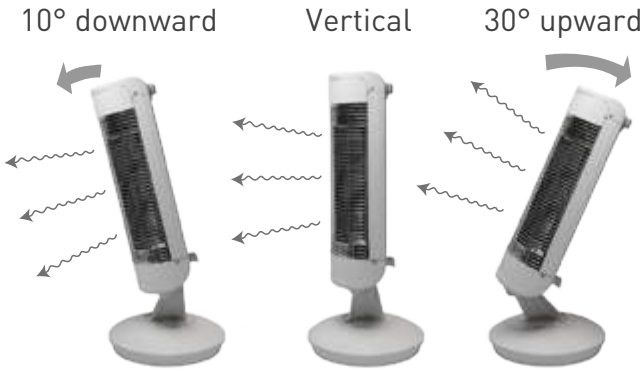
Power cord holder

Automatic balance link

Wide 120° Area Coverage

50° radiation and 70° auto swing
Additional 60° manual adjustment for fine tuning

Versatile Tilt



10° downward and 30° upward tilt
Smart postures provide automatic balance

WHAT IS INFRARED HEAT?

Infrared is an invisible radiant energy; electromagnetic radiation with longer wavelengths than those of visible light.

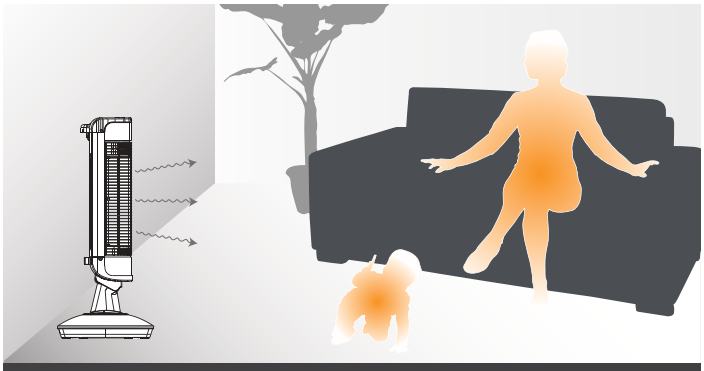
A great example of infrared heat is the Sun - the ultimate infrared heater. The Sun generates infrared heat through the combustion of gases, and this infrared energy passes heat directly through space to warm the surface of the earth. So even on a cold day, objects and people are warmed by the heat radiated by the sun even though the surrounding air may be cold.

TRADITIONAL VS FAR INFRARED (FIR) HEATING

Traditional Heaters

Traditional heaters heat up the whole room and take longer to warm you up

FIR Heaters



The Ionmax Ray FIR heater warms you up, not the room

HOW DOES A FAR INFRARED HEATER WORK?

A far infrared (FIR) heater, such as the Ionmax Ray, uses a ceramic coated surface to emit radiant heat.

Reflectors in the heater direct the heat outwards to warm the objects in front of it for efficient, targeted heating.

This is achieved by a process called conversion and means that no energy is wasted by having to heat any of the surrounding air in the same way as conventional radiators, storage heaters and fan heaters.

WHAT ARE THE BENEFITS OF FIR HEATING?

Have you ever wondered why in winter, a room at 20°C can feel cold but in summer, the same room at 20°C can feel hot? The answer is Far Infrared (FIR) radiation (waves).

In summer, walls, floors, and objects in the room warm up and emit FIR waves that your body feels as heat.

In winter, these same objects tend to be much cooler and therefore emit much less FIR radiation, so your body feels colder even though the air temperature is the same.

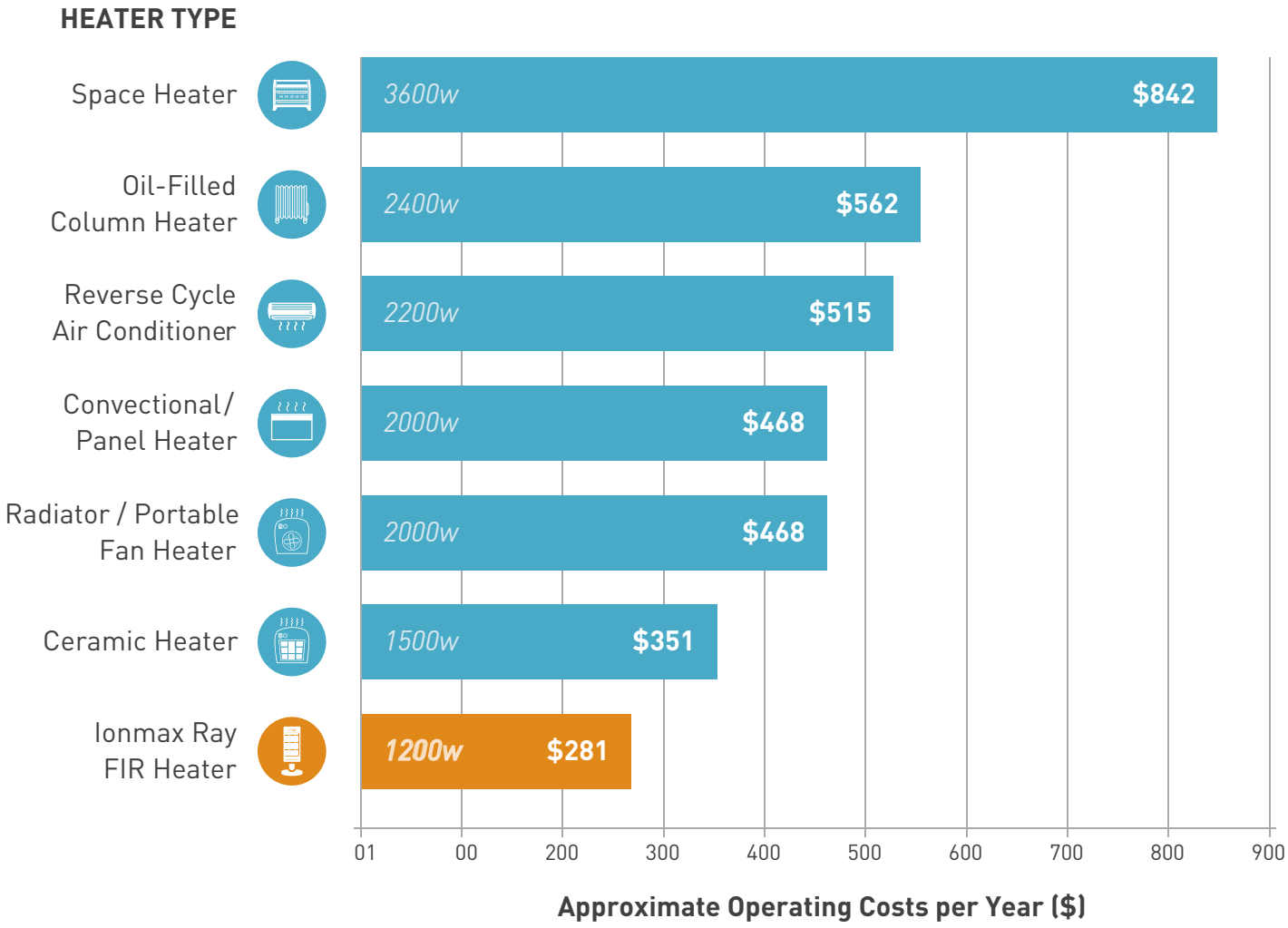
Windows also allow large amounts of FIR radiation from the sun to enter a room in the summer, but in the winter there is less FIR radiation available from the Sun.

The Ionmax Ray produces FIR radiation (waves) that replace the FIR radiation normally missing in winter, allowing a feeling of warmth.

This can translate into energy savings as it is possible to feel warm at lower room temperatures, reducing the load on area or whole home heaters (ducted).

Since the Ionmax Ray produces FIR radiation, not warm air, it is even possible to get these benefits in rooms with large ceilings or with drafts that otherwise make using standard room heaters ineffective or too costly to operate.

APPROXIMATE OPERATING COSTS PER YEAR ($) vs HEATER TYPES



Disclaimer: Approximate costs per year, based on 900 hours usage (or around 5 months at 6 hours per day). Based on peak electricity tariff of $0.26 per kWh (ex. GST). Actual costs for your house will depend on the area heated, how long you run the heating for, your thermostat settings, how well insulated your house is, your energy tariffs and your local climate.

SPECIFICATIONS

Model No.	ION801
Input Voltage	200-240V, 50Hz
Power Consumption	200-1200W, 9 level adjustment
Timer	1 - 9 hour setting Automatic switch-off at 10 hours
Heating Elements	2 far infrared ceramic coating sheath heaters (Average emissivity over 0.9)

Auto Swing	70°
Manual Rotation	60°
Tilt Angle	Smooth 10° downward to 30° upward
Product Weight	6.1 kg
Dimensions	354 (width) x 318 (depth) x 729 (height) mm
Warranty	1 year