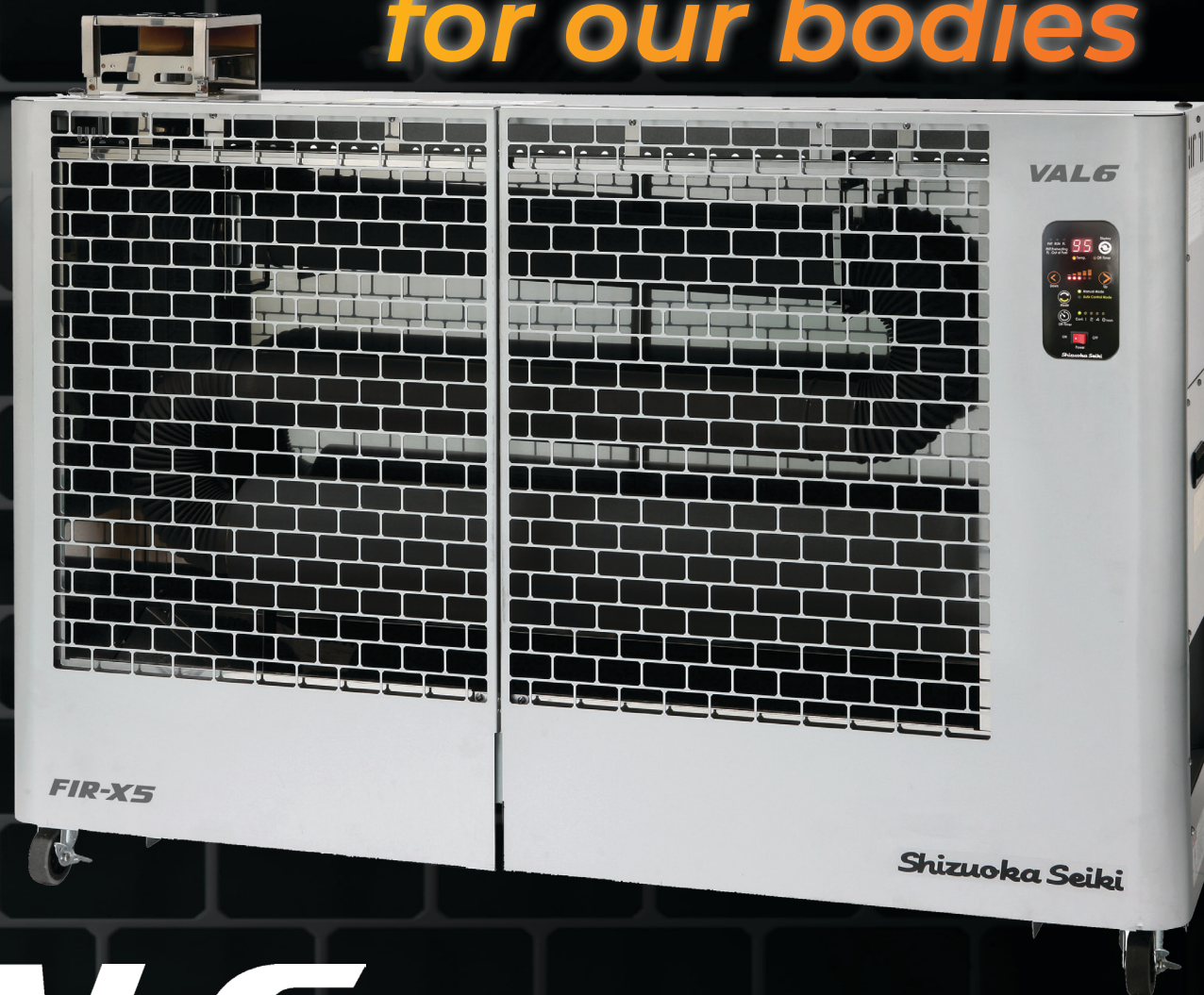


Shizuoka Seiki Co., Ltd.

*The most intelligent  
VAL6 yet...*

*A heater tuned  
for our bodies*

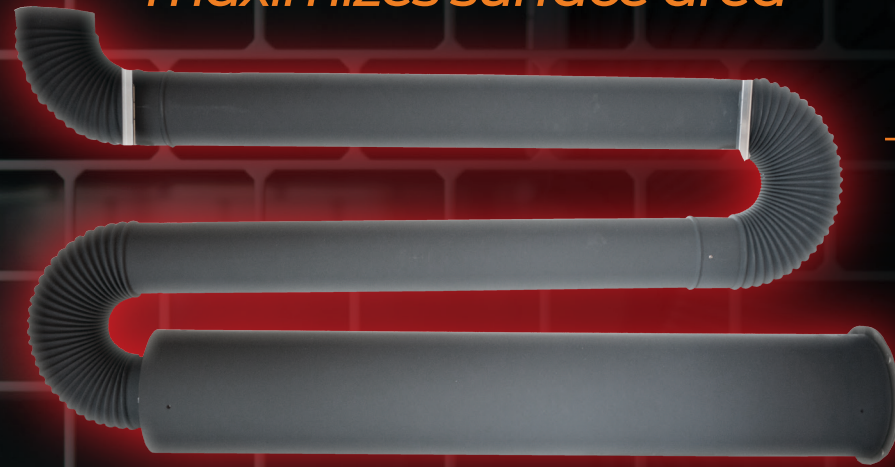


**VAL6**  
**FIR-X5**

# THE MOST INTELLIGENT, PREMIUM VAL6 EVER

Utilizing the unique characteristics of Far-Infrared rays, VAL6 can now truly reach every market.

*Radiant tube design maximizes surface area*



## Combustion Tube

Benefits over Radiation Disk design

- Enclosed Flame
- Greater Surface Area
- Lower surface temperature
- Low Operating Noise

## Running Costs

World-Class VAL6 efficiency has advanced even farther with X5. Leading to greater fuel savings.

*32% more efficient than traditional VAL6!*

## Intelligent Control

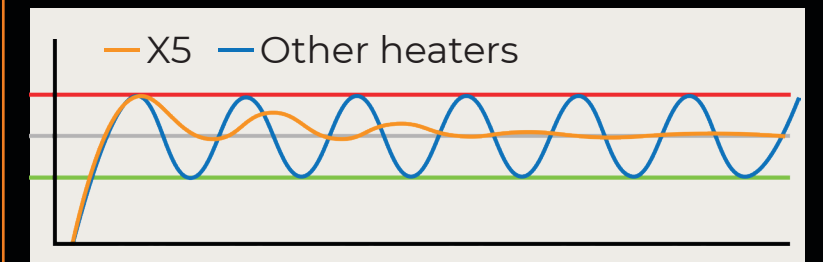
X5 intelligently adapts combustion intensity to hold the desired temperature steady, rather than continuously shutting on and off.

## Far-Infrared Rays

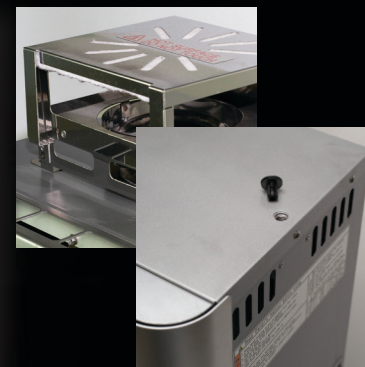
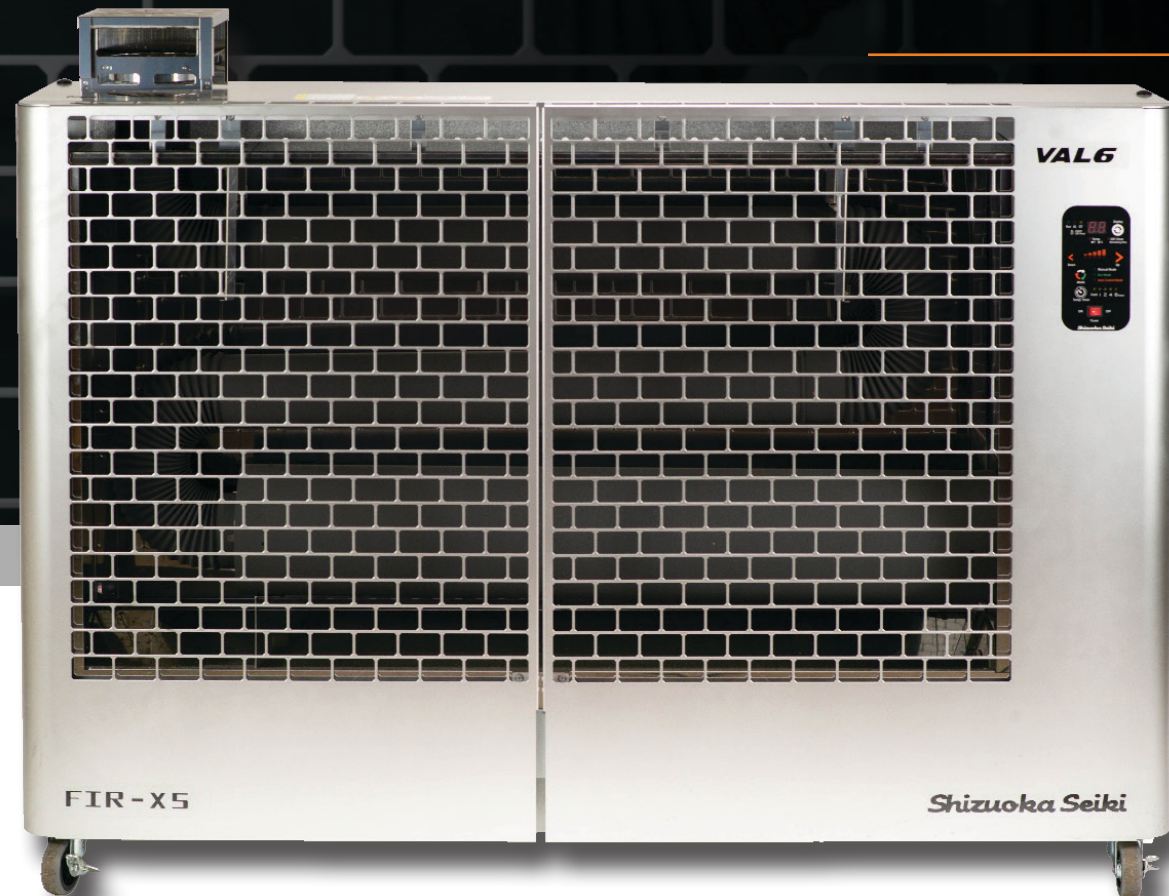
Compared to Near-Infrared, Far-Infrared exists on a completely different part of the electro-magnetic spectrum. Unique characteristics that set it apart from other wavelengths that contribute to higher heat absorption.

## 5-step Auto-variable Combustion

Equipped with a state-of-the-art combustion control system, X5 will intelligently modulate intensity in order to maintain the target temperature with enhanced precision.

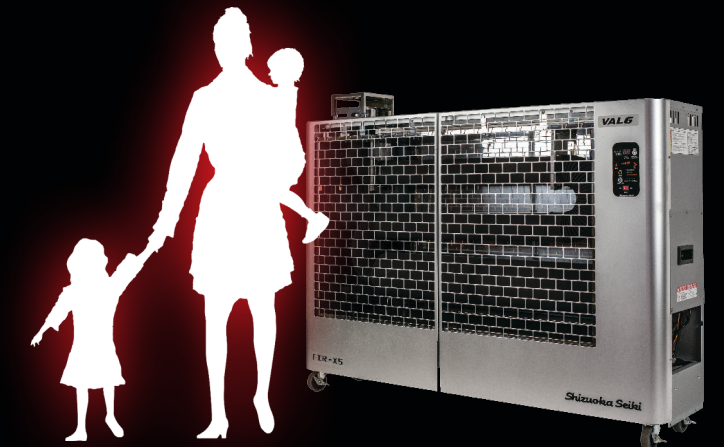


The graph above shows that X5 eliminates constantly oscillating temperatures by tuning combustion intensity to the situation.



## Proximity

Hotspots have now been eliminated with X5's balanced heat. Safety and Proximity have been maximized without compromising on heating performance.



## Built-in Safety Features

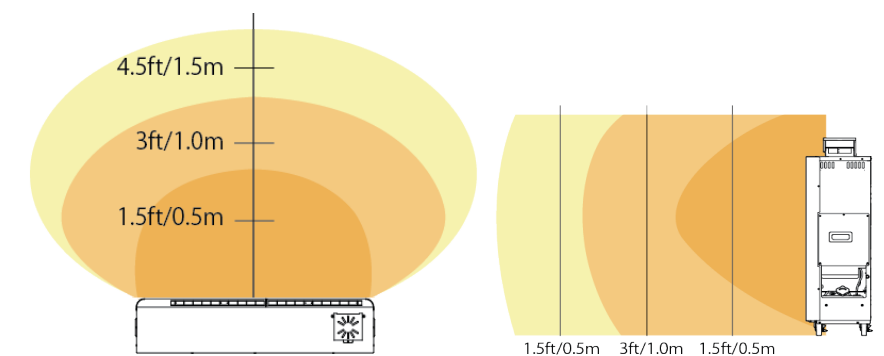
A variety of safety sensors provide a margin of safety when operating X5.

- Overheat Protection
- Flame Monitor
- Black-out Protection
- Tip-over Switch
- Motor Rotation Sensor
- Overheat Protection

## Even heating

X5 has the ability to project infrared in a much wider pattern compared to other infrared heaters.

X5 excels at evenly heating an entire space throughout.



# VAL6 FIR-X5

## Applications

- Event Sites
- Fitness Centers
- Outdoor Dining Areas
- Factories / Warehouses
- Store fronts
- Indoors

## Technical Features

- Intelligent thermostat
- Enclosed Flame Safety
- Clean Exhaust
- Low noise
- Thin Low-profile Design
- Sleek Appearance



## Far-Infrared

Depending on the wavelength, electromagnetic waves can exhibit very different characteristics.

Far-Infrared rays exist on the longest wavelength within all Infrared. This allows the heat from X5 to penetrate deeper into objects with greater heating potential.



X5 has significant advantages as Far-Infrared is more reactive to our human bodies.

**98%** of Far-Infrared is absorbed by our bodies as heat. This makes Far-Infrared an extremely effective people heater.

Specs	Model	FIR-X5
Heat Output		60,100 ~ 75,100 Btu/h
Fuel		Diesel
Fuel Consumption		0.42~0.53 Gal/hr
Tank Capacity		8 Gallons
Continuous Operating Time		17.7~14 Hours
Power Source		Power Source
Power Consumption	Ignition	109 Watts
	Operation	75~89 Watts
External Dimensions		46 × 59.6 × 13.6 inches
Safety Features		Flame Monitor Overheat Protection Tip-Over Switch Motor Overheat Protection Fuse Motor Rotation Detection Hi/Low voltage Detection Power Outage Safety
Carbon Monoxide Density		0ppm

### Factory



### Gymnasium



### Farm



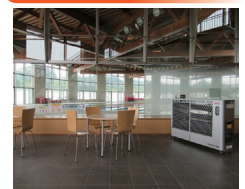
### Warehouse



### Event Venue



### Cafeteria



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