

FAR INFRARED OIL HEATER SERIES

Safer and deeper heat penetration with less intensity

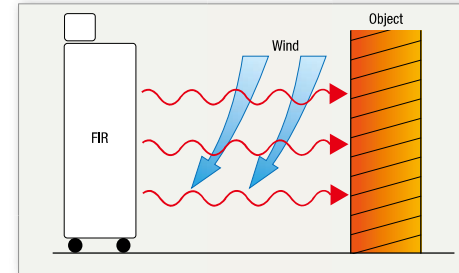


Shizuoka Seiki Co., Ltd.

www.shizuoka-seiki.co.jp/english/

Features of Far Infrared Rays

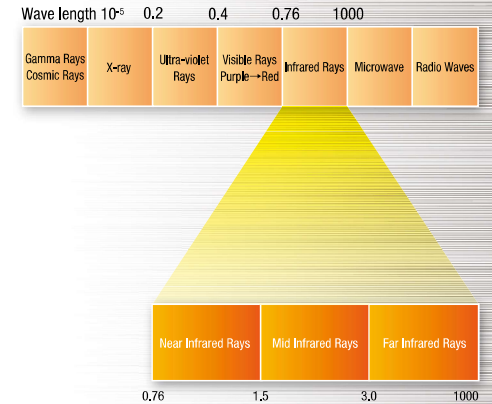
- Far infrared ray has the longest rays among infrared rays. With high permeability into objects, it is able to heat not only on the surface but also inside simultaneously.
- By the nature of far infrared rays and its long tubular combustion design, it eliminates over-heating zones without having to rely on extremely high temperature of radiation disk, resulting in the safest infrared heater ever.



※Far infrared waves travel in a straight line and is not affected by wind

Facts about Far Infrared Ray

<Electromagnetic Waves> (Unit of Measurement:μm)



Specification

Item	Model	VAL6 FIR-X5	FIR1300-A	FIR1300-E	FIR2000-E
Heat Output		60,100 ~ 75,100 Btu/h	52,000 Btu/h	13,000 kcal/h	15,500 kcal/h
Fuel		Kerosene or Fuel-Oil no heavier than NO.2 (Diesel)			
Fuel Consumption		0.42 ~ 0.53 gal./h	0.38gal. /h	1.43 L/h	1.72 L/h
Tank Capacity		8 gallons	8 gallons	30 Liter	45 Liter
Continuous Operating Time		Level 1 : 17.7 hours Level 5 : 14 hours	20 hours	20 hours	22 hours
Power Source		AC 120V 60Hz	AC 120V 60Hz	AC 230V 50Hz	AC 230V 50Hz
Power Consumption	in ignition	109 W	85 W	79 W	80 W
	in operation	75-89 W (LV.1-LV.5)	60 W	63 W	65 W
External Dimension (HxWxD)		46.0×59.6×13.6 inch	46.0×59.6×13.6 inch	1152×920×320 mm	1322×1235×320 mm
Safety Devices		Flame monitor Overheat protection Tip-over switch Motor overheat protection Fuse Motor rotation detection Hi/Low voltage detector Safety for blackout		Flame monitor Overheat protection Tip-over switch Motor overheat protection Fuse	
Carbon monoxide density		0 ppm			

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Far infrared ray and wide radiant heat. Becoming warm from inside.

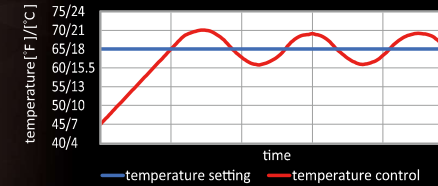
This heater carries the properties of far infrared heat which by nature is able to penetrate deeper into objects in the way sun light works.



New

VAL6 FIR-X5

1 Auto Control Mode

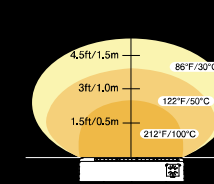


- System maintains desired temperature digitally without unit shutting off and on.
- Realize energy savings by providing the most economical and cleanest combustion.
- Automatically selects most effective combustion mode.

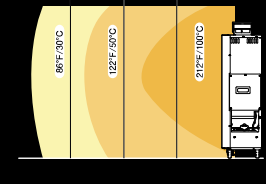
2 Multi-step Combustion

- Selectable combustion mode to get desired warmth.

Top View



Lateral View



3 Pre Heater

- Realize more stable ignite
- Heating the fuel only when needed by ambient temperature.

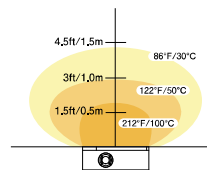
4 Well designed touch panel

- Manual and Auto Control mode is selectable.
- Ambient and set temperature can be checked
- Off-timer mode is available from 1 to 8.
- Each error mode can be displayed as error code.

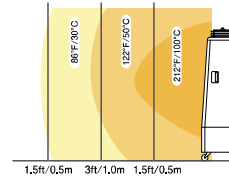


FIR 1300-A / FIR 1300-E

Top View

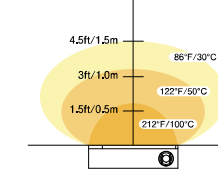


Lateral View

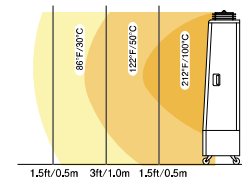


FIR 2000-E

Top View



Lateral View



Key Features

- Clean Exhaust by perfect combustion
- Low noise design allows for quiet operation
- Non-open flame safety design
- Space saving, thin-flat design
- Can be operated with built-in-thermostat

Main Applications

- Providing heat for event sites
- Heating for stores
- Heat for factories and warehouses
- Close quarter heating

Factory



Ware house



Farm



Cafeteria for sport gym

