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Infrared Heaters: Own The Sun

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VAL6 has over 40 years of history as an industrial infrared heater.



### 1974

Shizuoka Seiki was established in 1914. In 1974 they developed the first VAL6 heater and it quickly became known as the #1 industrial portable space heater in the market. Known for their quality and efficiency, VAL6 has been the most established infrared space heater in Europe for over 35 years and over 40 years in Japan.

### MISSION

Shizuoka Seiki offers "convenience," and "comfort." Challenging the new & unknown .





### TECHNOLOGY

VAL6 continues to replace forced air heaters, creating and expanding the market with the recognized superiority of infrared heat technology.

"Own The Sun.'



### All VAL6 heaters come with a 2 year warranty.



### FEATURES

- High/Low Output Control
- Built in Heater for Fuel Line
- Built in Termostate
- Advanced Monitoring System
- Stackable
- Portable
- User-Friendly

### BENEFITS

Odorless, Smokeless, Noiseless, & Dust Free
Low Maintenance
Unaffected by the Elements (Wind, Rain, Snow,)
Even Heat Distribution
Peak Efficiency in Less Than a Minute
100% Fuel to Energy Conversion
Radiant Heating (Warms Objects NOT Air)





### SAFETY

- Automatic Shutdown System to prevent overheating
- Tip-Over Protection
- Overvoltage Detectionn
- Flame Monitor
- After Power Outage

### O1 DAYSTAR





### VAL6 DAYSTAR

Bringing you a dual heating system using both "infrared heat" and "forced air heat," the Daystar is perfect for spot heating. Only weighing 40 lbs, the Daystar is ultra-portable and can be used indoors or outdoors. The smallest model of the VAL6 series, 23.4 x 12.2 x 22.8 in (H x W x D).

It can run on diesel or kerosene. Holds a tank capacity of 2.6 gallons delivering a heat output of 51,200 BTU/hr. Delivers 6 hrs of continuous operation (fuel consumption 0.4 gal/hr).

Safety features include a photocell flame monitor, 3A fuse, overheat prevention system, and tip-over switch.

Power source 120 V, 60 Hz single phase. Typical applications include a garage, patio or porch, factory, warehouse, workshop, outdoor events or activities, etc.



## O2



### VAL6 MPX

Bringing you a dual heating system using both "infrared heat" and "conventional heating," the MPX is perfect for commercial-grade applications. Features a high/low output control making it very economical. Features an adjustable radiation disk up to 45 degrees. Weighing 70.5 lbs, the MPX is compact making it ideal for applications requiring limited space and can be used indoors or outdoors.

It can run on diesel or kerosene. Holds a tank capacity of 6.6 gallons delivering a heat output of 55,500 BTU/hr on low and 62,500 BTU/hr on high. Delivers 13 - 15 hrs of continuous operation (fuel consumption 0.42 gal/hr on low and 0.48 gal/hr on high). Compared to the Daystar the MPX is equipped with a larger radiation disk and improves combustion efficiency by 13% (provides more heat further away).

Safety features include a photocell flame monitor, overheat prevention system, and tip-over switch.

Power source 120 V, 60 Hz single phase. Common applications include garage, body shop, factory, plant, workshop, outdoor events or activities, drying paint and adhesives, asphalt and concrete preparation, etc.

## O3 | GP5 II





### VAL6 GN5 / GP5 II

Bringing you a dual heating system using both "infrared heat" and "gas burner," the GN5 / GP5 II is perfect for industrial-grade applications. Features an adjustable radiation disk up to 90 degrees. This model is the newest, cleanest, and most efficient heater. Weighing 108.1 lbs, the gas heater is compact making it ideal for applications requiring limited space, and can be used indoors or outdoors. 4th largest model of the VAL6 series, smaller than the KBE-5s but bigger than the Hotgun 125NA,  $35.3 \times 31.7 \times 30.3$  in (H x W x D).

Runs on propane gas. Delivers a heat output of 122,000 BTU/hr with fuel consumption of 50.5 CFH. The premixed gas combustion system means it produces less than 1 ppm of carbon monoxide (10 - 20x less than typical torpedo-style heaters).

Safety features include a photocell flame monitor, air switch, overheat prevention system, and tip-over switch.

Power source 120 V, 60 Hz. Typical applications include construction sites, workshops, outdoor events, activities, or projects, etc.

## 04 кве-58





### VAL6 KBE-5S

Bringing you "infrared heat" at its finest the KBE-5S is equipped with a stateof-the-art combustion chamber enabling 100% fuel-to-energy conversion. The perfect option for energy-saving seekers in commercial or industrialgrade jobs. Weighing 83.8 lbs, the KBE-5S is slightly larger in size, 36.1 x 25.8 x 27.7 in (H x W x D) but features a stackable frame (max of 3 can be safely stacked to save space) and can be used indoors or outdoors.

It can run on diesel or kerosene. Holds a tank capacity of 9 gallons delivering a heat output of 111,000 BTU/hr. Delivers 10 hrs of continuous operation (fuel consumption 0.85 gal/hr).

Safety features include a photocell flame monitor, 3A fuse, overheat prevention system, and tip-over switch.

Power source 120 V, 60 Hz single phase. Typical applications include factories, workshops, plants, outdoor events, projects, or activities, construction sites, etc.

## 05 KBE-5L (2-STEP)





### VAL6 KBE-5L (2-STEP)

Bringing you "infrared heat" at its finest the KBE-5L (2-Step) is equipped with a state-of-the-art combustion chamber enabling 100% fuel-to-energy conversion. Includes a fuel preheater to keep fuel moving smoothly as temperature decreases. Features a high/low output control making it very economical. The perfect option for energy-saving seekers in industrial-grade applications. Weighing 92.6 lbs, the KBE-5L is slightly larger, 36.3 x 28.0 x 29.2 in (H x W x D) but features a stackable frame (max of 3 can be safely stacked to save space) and can be used indoors or outdoors.

It can run on diesel or kerosene. Holds a tank capacity of 15 gallons delivering a heat output of 100,000 BTU/hr on low and 118,000 BTU/hr on high. Delivers 16 - 20 hrs of continuous operation (fuel consumption 0.75 gal/hr on low and 0.90 gal/hr on high).

Safety features include a photocell flame monitor, 3A fuse, overheat prevention system, and tip-over switch.

Power source 120 V, 60 Hz single phase. Typical applications include factories, workshops, plants, outdoor events, projects, or activities, construction sites, drying paint and adhesives, asphalt and concrete preparation, etc.

# 06 EPX







### VAL6 EPX

Bringing you the most powerful "infrared heating system" the EPX is the most efficient model equipped with an enlarged combustion chamber, 20% larger radiation disk, and improved atomization. You could say this model is the GOAT of the VAL6 Series. Includes a fuel preheater to keep fuel moving smoothly as temperature decreases. Features a high/low output control making it very economical. The perfect option for energy-saving seekers in industrial-grade applications. Weighing 110 lbs, the EPX is the largest model, 38.2 x 25.4 x 48.6 in (H x W x D) and can be used indoors or outdoors.

It can run on diesel or kerosene. Holds a tank capacity of 15.4 gallons delivering a heat output of 100,000 BTU/hr on low and 140,000 BTU/hr on high. Delivers 15 - 20 hrs of continuous operation (fuel consumption 0.75 gal/hr on low and 1.02 gal/hr on high).

Safety features include a photocell flame monitor, 3A fuse, overheat prevention system, built-in thermostat, and tip-over switch.

Power source 120 V, 60 Hz single phase. Typical applications include heating large warehouses, factories, and construction sites, warming up machines and personnel, heating materials, drying surfaces, personal heating, etc.

### FAVORITES

All models can be used indoors or outdoors and are portable so they can be used wherever, whenever you need.



### MPX

Heat objects and personnel up to 4.5 ft away. Adjustable vertical angle up to 45degrees. Is a reflection of 35 years of technological advancement combining infrared and conventional heating resulting in the highest efficiency heater.

#### **EPX**

Heat objects and personnel more than 9 ft away. No space is too big for the EPX. Perfect balance between powerful and efficient.





### KBE-5L

The successor to the KBE-5S. Features the twostage heat output allowing for continuous operation for up to 20 hrs. Space them out or stack them, whether it's commercial or industrial grade applications you can't go wrong with this model.

### WHO USES VAL6?

#### ALMOST EVERY INDUSTRY

Drywall Contractors Masonry Contractors Painters Plumbers

Sport Events Camping & Outdoor Recreation Tent Heating Drying, Thawing, & Curing Metal Fabrication

Mining & Oil Services Highway Maintenance & Snow Removal Emergency Heating Fire & Rescue Disaster & Restoration Military & Government Aircraft & Airport Maintenance

> Automotive Industry Transportation Industry Sports Industry Farming Industry Agricultural Industry



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