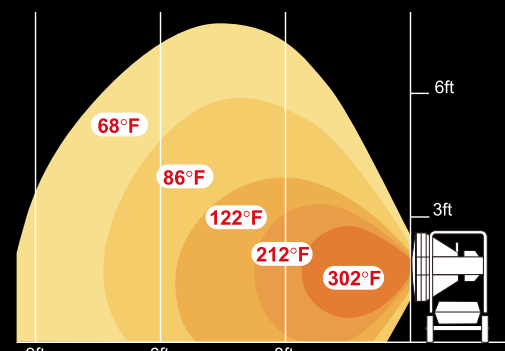


# INFRARED HEATER VAL6 SERIES OWN THE SUN



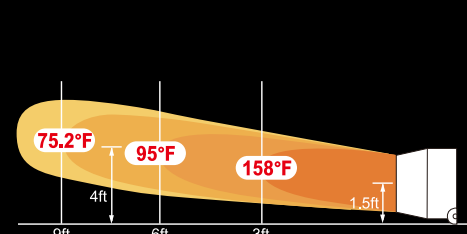
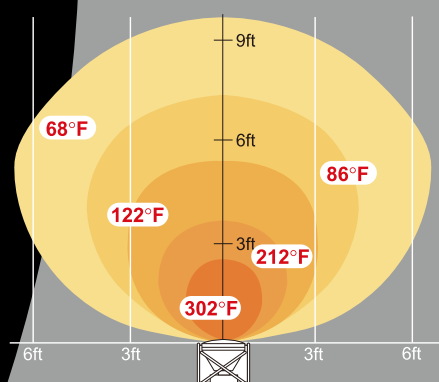
## COMPARISON DIAGRAM FOR TEMPERATURE DISTRIBUTION VAL6 KBE5L VS FORCED-AIR HEATER

Lateral View

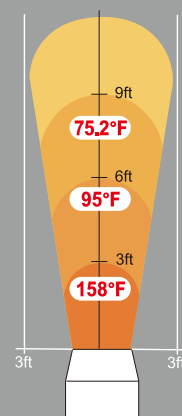


VAL6 KBE5L Heat output : 111,000 BTU/hr

Top View



FORCED AIR HEATER  
Heat output : 280,000 BTU/hr



## VAL6 Series Specification

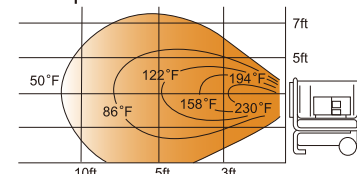
| Item/Model                                            | EPX5                                                                                                 | KBE5S                                                                         | KBE5L 2-step                                          | MPX5                                                                                    | Daystar                                                                      |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| Heat Output(BTU/h)                                    | High : 140,000<br>Low : 100,000                                                                      | 111,000                                                                       | High : 118,000<br>Low : 100,000                       | High: 67,500<br>Low: 60,000                                                             | 53,100                                                                       |
| Fuel                                                  | Kerosene, Diesel                                                                                     |                                                                               |                                                       |                                                                                         |                                                                              |
| Power Source                                          | 120V 60Hz Single phase                                                                               |                                                                               |                                                       |                                                                                         |                                                                              |
| Tank Capacity(gallons)                                | 15.4                                                                                                 | 9.0                                                                           | 15.1                                                  | 6.6                                                                                     | 2.6                                                                          |
| Fuel Consumption(gallons/h)                           | High : 1.02<br>Low : 0.75                                                                            | 0.85                                                                          | High : 0.90<br>Low : 0.75                             | High: 0.48<br>Low: 0.42                                                                 | 0.4                                                                          |
| Continuous Operating Time (hours)                     | High : 15<br>Low : 20                                                                                | 10                                                                            | High : 15<br>Low : 20                                 | High: 13.7<br>Low: 15.7                                                                 | 6                                                                            |
| Power Consumption(W)<br>in ignition:<br>in operation: | 120<br>90(High)/89(Low)                                                                              | 100<br>80                                                                     | 150<br>120                                            | 100<br>120                                                                              | 120<br>105                                                                   |
| Safety Device                                         | Photocell flame monitor<br>3A Fuse<br>Overheat protection<br>Tip-over switch<br>Overvoltage detector | Photocell flame monitor<br>3A Fuse<br>Tip-over switch<br>Overvoltage detector | Photocell flame monitor<br>3A Fuse<br>Tip-over switch | Tip-over switch<br>Flame monitor<br>Electrical system protection<br>Overheat prevention | Photocell flame monitor<br>3A Fuse<br>Overheat protection<br>Tip-over switch |
| External Dimension H×W×D(in)                          | 38.2×25.4×48.6                                                                                       | 36.4×27.9×27.4                                                                | 36.3×28.0×29.2                                        | 30.1×20.5×27.7                                                                          | 23.4×12.2×22.8                                                               |
| Dry Weight(lbs)                                       | 110                                                                                                  | 83.8                                                                          | 92.6                                                  | 70.5                                                                                    | 40                                                                           |



## HOT AIR SPOT HEATER HOTGUN HG125NA

"Hotgun" spot space heater heats the air through its high efficiency combustion system that sports nearly a 100% fuel to energy rate.

### Temperature HG125NA



| Item / Model                      | HG125NA                                                 |
|-----------------------------------|---------------------------------------------------------|
| Heat Output                       | 116,000 BTU/hr                                          |
| Fuel                              | Kerosene, Diesel                                        |
| Power Source                      | 120V, 60Hz Single phase                                 |
| Tank Capacity                     | 14.3 gallons                                            |
| Fuel Consumption                  | 0.9gallons/hr, 2.90kg/hr                                |
| Continuous Operating Time (hours) | 15                                                      |
| Hot Air Flow                      | 636 CFM                                                 |
| Power Consumption                 | 176 W                                                   |
| Safety Device                     | Photocell flame monitor, 3A Fuse<br>Overheat prevention |
| External Dimension H×W×D          | 30.8×22.3×28.1 (in)                                     |
| Dry Weight                        | 82 lbs                                                  |

## OPTIONAL ACCESSORY



Heat Shielding Mat

To prevent fire or damage to combustible floor surfaces, always use a "Heat Shielding Mat" when operating VAL6 series.

Materials of Heat Shielding Mat:  
Glass cloth and Aluminum film  
Dimension of Heat Shielding Mat:  
0.14×47.25×47.25in(H×W×D)

## NOTICE

DANGER NEVER use gasoline for fuel  
NEVER operate heater near combustible materials

WARNING Do not operate heater unattended

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Shizuoka Seiki

Wherever and Whenever you need it.



# INFRARED HEATER VAL6 SERIES

<https://www.shizuoka-seiki.co.jp/english/>

# VAL6 is the most fuel efficient space heater on the market

This feature has unmatched value providing many applications. The VAL6 can start up or shut off in seconds and reaches peak efficiency in less than a minute. Since the VAL6 doesn't lose heat to the air, it uses less fuel and BTU's to go way beyond the comfort level of any standard portable heater.

## Sunlight Warmth

VAL6's radiant heat penetrates evenly on and into surfaces just like sunlight.

## Best Choice for Outdoors

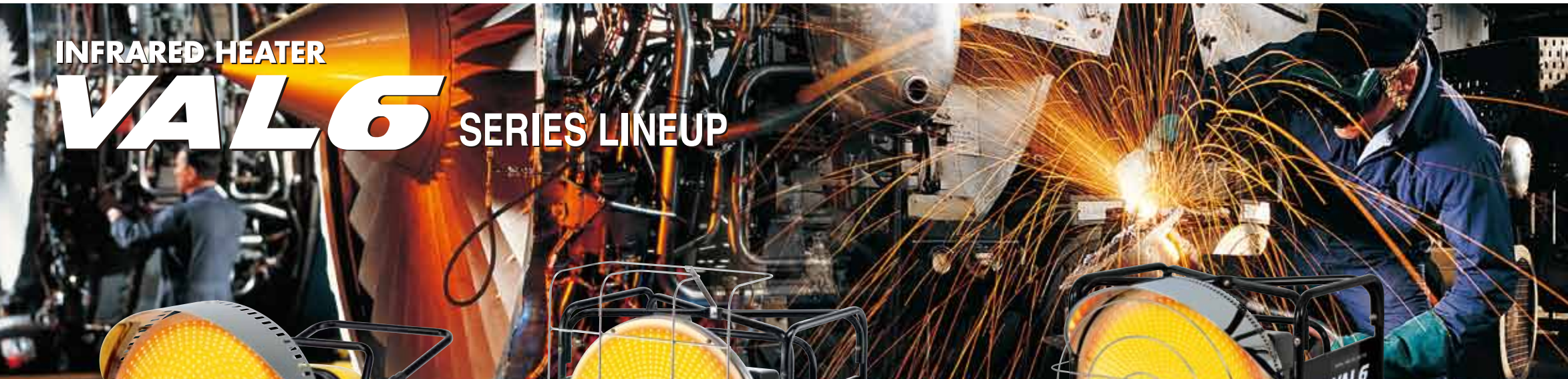
VAL6's performance is unique in the outdoors and unlike forced air heaters, which lose heat from wind and cold air.

## No Air Movement Dust Free

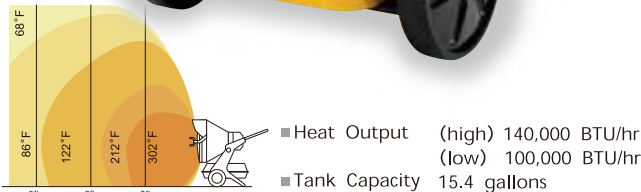
VAL6 generates straightforward infrared heat which is unaffected by air flow, thus creating a comfortable and dust-free environment.

## Odorless

VAL6's perfect combustion system produces no odor and no smoke while running. The exhaust gas goes upward.



## INFRARED HEATER VAL6 SERIES LINEUP



### VAL6 EPX5

EPX5 is the most powerful yet efficient VAL6 heater with the enlarged combustion chamber or disk and improved atomization.



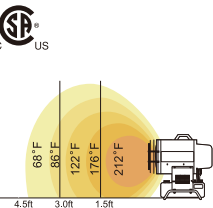
### VAL6 KBE5S

KBE5S offers high efficiency and low fuel consumption in a portable heater.



### VAL6 KBE5L 2-step

A new KBE5L has two stage heat output and equips a larger tank enabling it to operate continuously for about 16 hours in high and 20 hours in low.



### VAL6 Daystar

Daystar adopts a dual heating system of radiant heat and convection heat.



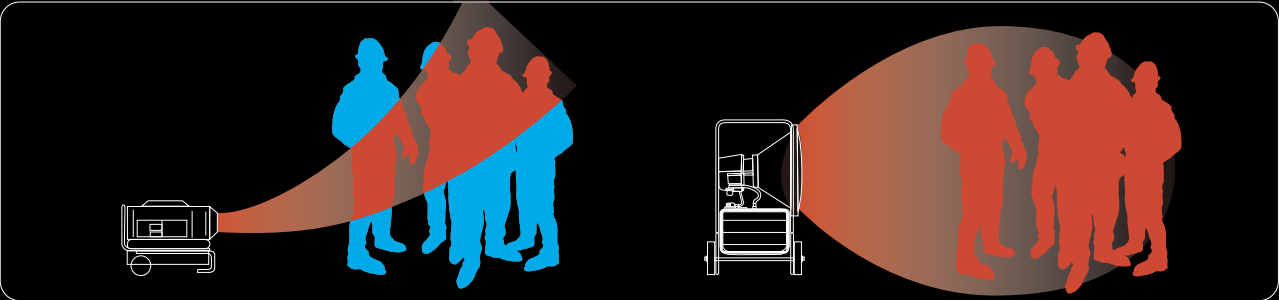
### VAL6 MPX5

MPX is the reflection of 35 years of technological advancement. The MPX with its compact size can still be used for commercial grade applications as well as applications requiring limited space.

W h e r e v e r   a n d   w h e n e v e r

## Straight Heating / Drying

The advantage of spot heating is that only needed areas are heated. (I.e. in large warehouses, open sheds and even outdoors etc.) Radiant heat travels in straight lines and does not rise to the ceiling like hot air.



## Application Examples

The VAL6 can be used both as a heater and dryer. Its rugged construction enables it to provide dependable service anywhere. Indoors, outdoors, factories, warehouses, construction sites - when you want the very best - request the VAL6.



Heating in a large warehouse Warms up machines and personnel



Winter construction: heats up materials, machines, and working sites



Drying surface



Personal heating