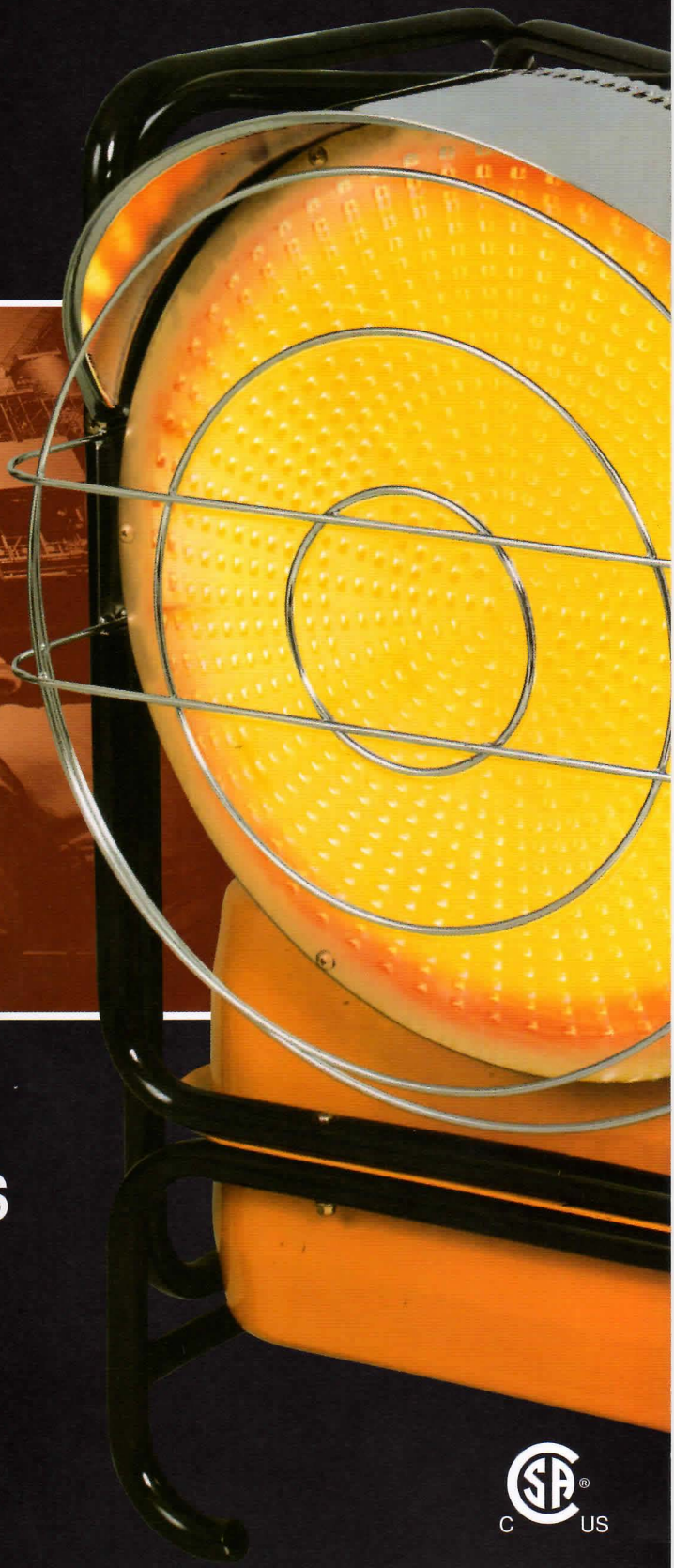


**Shizuoka Seiki**

*Wherever and Whenever you need it.*



**INFRARED HEATER**

**VAL6** SERIES

<http://www.shizuoka-seiki.co.jp/eg.html>





# 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

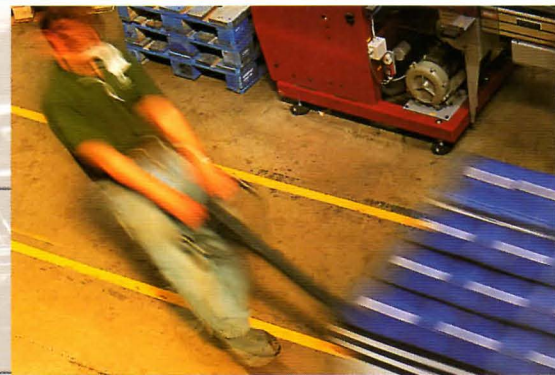
VAL6's performance is unique in the outdoors and unlike forced air heaters, which lose heat from wind and cold air.

## 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

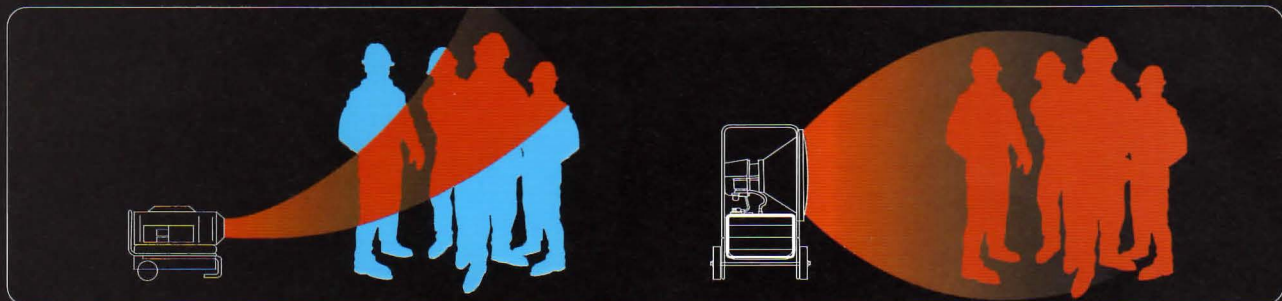
VAL6's perfect combustion system produces no odor and no smoke while running. The exhaust gas goes upward.



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

## Straight Heating / Drying

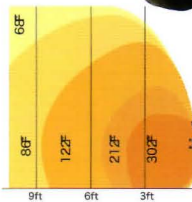
The advantage of spot heating is that only needed areas are heated. (I.e. in large warehouses, open sheds and even outdoors etc.) Radiant heat travels in straight lines and does not rise to the ceiling like hot air.





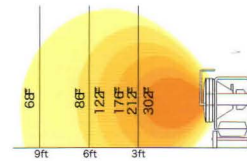
INFRARED HEATER

# VAL6 SERIES LINEUP



■ Heat Output  
■ Tank Capacity

(high) -140,000 BTU/hr  
(low) -100,000 BTU/hr  
15.4 gallons



KBE5S and KBE5L are stackable.  
A max. of 3 may be stacked in storage.

■ Heat Output 111,000 BTU/hr  
■ Tank Capacity 9 gallons



## VAL6 EPX5

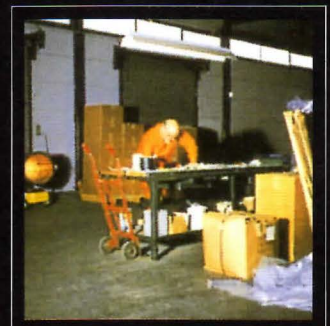
EPX5 is the most powerful yet efficient VAL6 heater with the enlarged combustion chamber or disk and improved atomization.

## VAL6 KBE5S

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

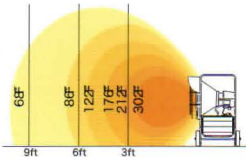
## Application Examples

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.

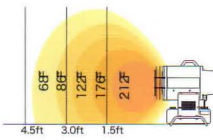


Heating in a large warehouse





■ Heat Output (high)-118,000 BTU/hr  
(low) -100,000 BTU/hr  
■ Tank Capacity 15.1 gallons



■ Heat Output 51,800 BTU/hr  
■ Tank Capacity 2.6 gallons

## VAL6 KBE5L 2-step

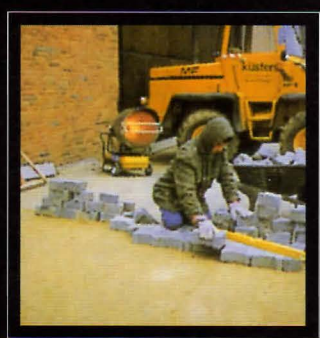
A new KBE5L has two stage heat output and equips a larger tank enabling it to operate continuously for about 16 hours in high and 20 hours in low.

## VAL6 Daystar

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



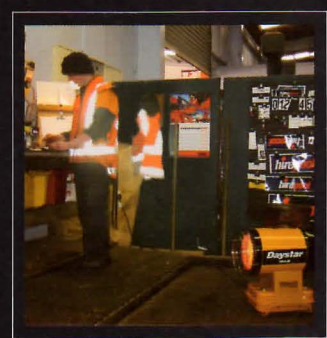
Warms up machines and personnel



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



Drying surface



Personal heating



INFRARED HEATER

# VAL6 SERIES

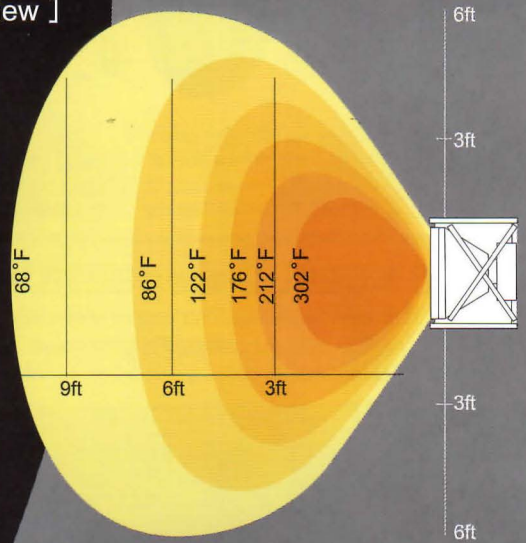
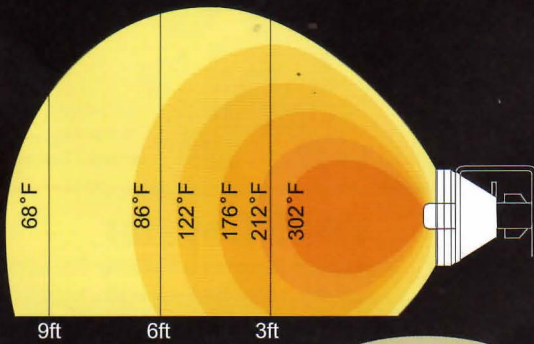
OWN THE SUN



## Comparison Diagram for Temperature Distribution VAL6 KBE5S VS FORCED-AIR HEATER

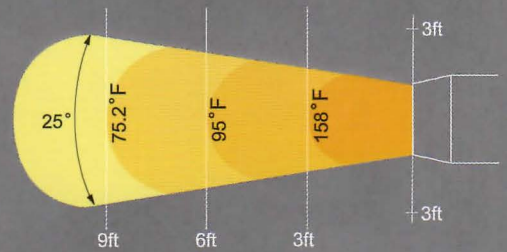
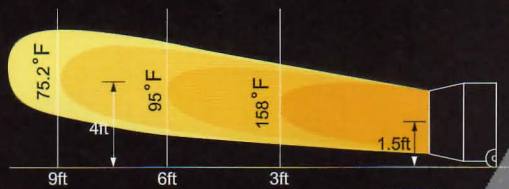
[ Lateral View ]

[ Top View ]



VAL6 KBE5S

VAL6 KBE5S  
HEAT CAPACITY : 111,000BTU/hr



FORCED  
AIR HEATER

Forced-air Heater  
Heat Capacity : 280,000 BTU/hr  
Capacity : 1,940 CFM



# VAL6 Series Specification

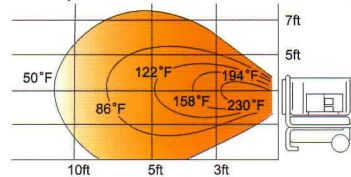
Item/Model	EPX	KBE5S	KBE5L 2-step	Daystar
Heat Output(BTU/h)	High : 140,000 Low : 100,000	111,000	High : 118,000 Low : 100,000	51,800
Fuel	Kerosene, Diesel			
Power Source	120V 60Hz Single phase			
Tank Capacity(gallons)	15.4	9.0	15.1	2.6
Fuel Consumption(gallons/h)	High : 1.02 Low : 0.75	0.85	High : 0.90 Low : 0.75	0.4
Continuous Operating Time(hours)	High : 15 Low : 20	10	High : 15 Low : 20	6
Power Consumption(W) in ignition: in operation:	120 90(High)/89(Low)	100 80	150 120	120 105
Safety Device	Photocell flame monitor 3A Fuse Overheat protection Tip-over switch Overvoltage detector	Photocell flame monitor 3A Fuse Tip-over switch Overvoltage detector	Photocell flame monitor 3A Fuse Tip-over switch	Photocell flame monitor 3A Fuse Overheat protection 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	23.4×12.2×22.8
Dry Weight(lbs)	110	83.8	92.6	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 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)



### Fuel pre-heater

As ambient temperature decreases, this fuel pre-heater keeps the fuel moving smoothly.



### Guard fence

This guard fence can keep people away from the heater during operation.

## NOTICE

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

**CAUTION** Stop use of heater when anything irregular is found  
Heater remains hot after turning off  
Ventilation is required for indoor use  
Use only clean diesel fuel or kerosene

**WARNING** Do not operate heater unattended

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