

INFRARED HEATER

**VAL6**

SUNLIGHT'S WARMTH TO THE COLD SPACE

# EXCELLENCE REBORN

The Ultimate  
2-Step KBE5L

OWN THE SUN



Shizuoka Seiki





INFRARED HEATER

**VAL6**  
SUNLIGHT'S WARMTH TO THE COLD SPACE

Wherever and whenever you need it.

“With the previous maximum high and low temperature range now expanded even further, the newly advanced 2-STEP KBE5L is now capable of maintaining the combustion efficiency EVEN AT THE LOW SETTING.

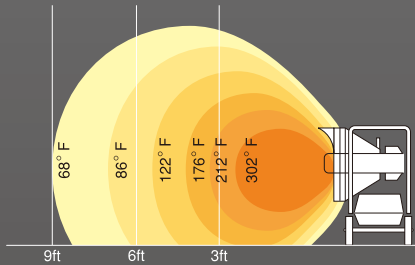
## New features of a new VAL6 KBE5L heater

### NEW 2-step output control

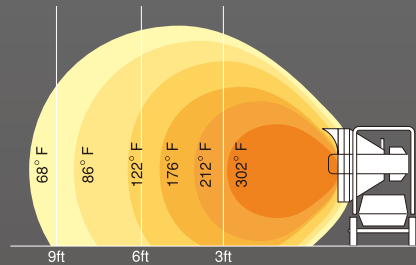
High and low output control is equipped. It enables its user to choose between a high or low output thus making it very economical.

#### COMPARISON DIAGRAM FOR TEMPERATURE DISTRIBUTION

##### Low stage

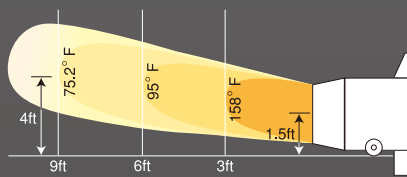


##### High stage



### ENERGY SAVING

Selecting a low combustion can make fuel consumption lower. This means that this heater can save your operation cost. For example, in early winter if the heater operates with a low combustion, it can save 1.2 gallons a day, 24 gallons a month.



Forced-air Heater  
Heat Capacity : 280,000 BTU  
Capacity : 1.940 CFM

### NEW Fuel preheater

As ambient temperature decreases, viscosity increases, to counterbalance this effect, a heater is built into the fuel line to keep the fuel moving smoothly.



#### APPLICATION EXAMPLES

- Factory, Plant, Workshop
- Outdoor projects
- Construction sites
- Drying of paint and adhesives
- Asphalt and concrete preparation



STACKABLE  
IN STORAGE

### SPECIFICATIONS

Item	Model	KBE5L 2-step
Heat output		High: 118,000 BTU Low: 100,000 BTU
Fuel		Kerosene or Fuel-oil no heavier than No.2(Diesel)
Tank Capacity		15 gallons
Fuel Consumption		High: 0.90 gallons/h Low: 0.75 gallons/h
Power Source		120V 60Hz
Power Consumption		in ignition:150W in operation:120W
Safety Device		Photocell flame monitor, 3A Fuse, Tip-over switch
External Dimension (HxWxD)		36.3x28.0x29.2 (inch)
Dry Weight		92.6 lbs

### ADVANTAGES

- ▶ **SUNLIGHT WARMTH**  
VAL6's radiant heat penetrates evenly and directly 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, quiet and dust-free environment.
- ▶ **ODORLESS**  
VAL6's perfect combustion system produces no odor and no smoke while running. The exhaust gas goes upward.
- ▶ **PORTABLE**  
Take it where you need heat.

### OPTIONAL ACCESSORY

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



Heat Shielding Mat

Materials of Heat Shielding Mat:  
Glass cloth and Aluminum film

Dimension of Heat Shielding Mat:  
0.14x47.25x47.25in(HxWxD)

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