

INFRARED HEATER

**VAL6**

SUNLIGHT WARMTH TO THE COLD SPACE<sup>®</sup>

*Own the Sun*

**Excellence**  
**Best of both worlds**  
**MPX**



*Shizuoka Seiki*



MPX is the reflection of 35 years of technological advancement. Combining two worlds, Infrared and convectional heating system, the MPX with its compact size can still be used for commercial grade applications as well as applications requiring limited space. Heat from air and radiant energy resulting in the highest efficiency heater, the MPX.

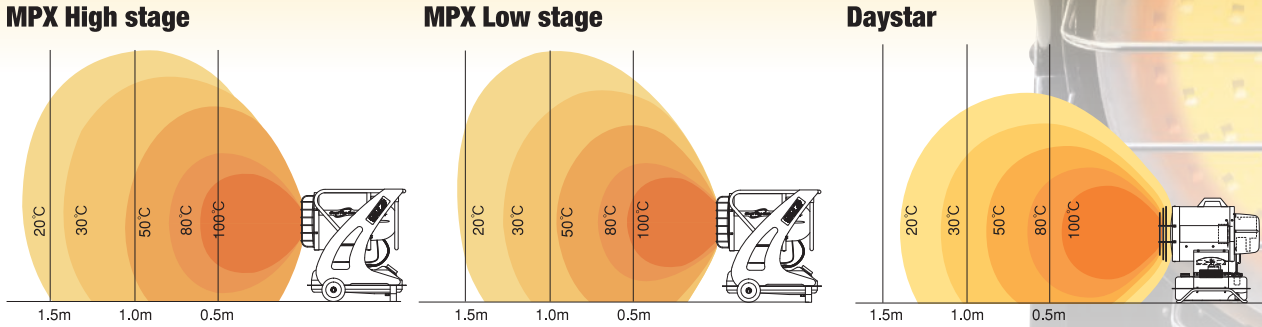
**NEW Improved combustion system**

MPX equips larger radiation disk and improves combustion efficiency by 13% compare to the Daystar. MPX is able to provide more heat further away.

**NEW Long operational time**

The MPX is able to operate continuously for over 15 hours with low speed combustion which enables it to operate all night without refueling.

**COMPARISON DIAGRAM FOR TEMPERATURE DISTRIBUTION**



**NEW Adjustable vertical angle**

The vertical angle of the radiation disk is adjustable up to 45 degrees.



**NEW Quiet operation**

MPX's efficient burner allows it to operate quietly with a noise level of about 59dB even at high heat setting compared to a typical forced-air heater's noise level at about 75dB or more.

- MPX(Low) = 57.8dB
- MPX(High) = 59.4dB
- Daystar = 60dB
- KBE1S = 69dB

**SPECIFICATIONS**

Item	Model	MPX1
Heat Output		High: 15,800 kcal, 18 kW Low: 14,000 kcal, 16 kW
Fuel		Kerosene or Fuel-Oil no heavier than No.2(Diesel)
Tank Capacity		25 liter
Fuel Consumption		High: 1.55 kg/h Low: 1.38 kg/h
Continuous Operating Time		High: 13.7 hours Low: 15.7 hours
Power Source		230V 50Hz
Power Consumption		When igniting: 100 W When burning: 112W
Airflow		187 m <sup>3</sup> /h
Operating Noise Level		High: 59.4 dB Low: 57.8 dB
Safety Systems		• Tip-over switch • Flame monitor • Electrical system protection • Overheat prevention
Dimensions (H×W×D)		720×520×675 (mm)
Dry Weight		70.5 lbs , 32 kg

**ADVANTAGES**

- ▶ **SUNLIGHT WARMTH**  
VAL6's radiant heat penetrates evenly and directly into surfaces just like sunlight.
- ▶ **BEST CHOICE FOR DUEL APPLICATIONS**  
When and if hot air is necessary, combination of the cleanest hot air and radiant heat is possible with the MPX.
- ▶ **ODORLESS**  
VAL6's perfect combustion system produces no odor and smoke while running.
- ▶ **PORTABLE**  
Take it where you need heat.

**APPLICATION EXAMPLES**

- Body shop, Garage
- Factory, Plant, Workshop
- Outdoor projects
- Drying of paint and adhesives
- Asphalt and concrete preparation

**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:  
4×1,200×1,200mm(H×W×D)

