

# HEAT KING

## HK1500

With over 20 years of experience in Mobile Glycol Heating System design and manufacturing, and thousands of systems delivered, **Heat-King** is proud to introduce the new **HK1500**.

“**The Cube**” is the most versatile, powerful, and user friendly system ever to be brought to the market.

### Versatility

- Switch from Diesel to LP/Natural Gas (\*)
- Add a hose reel for concrete curing
- Add a generator for remote use
- Add a trailer for ease of transport
- Add a hose/remote manifold/unit heater package for space heating
- “Plug & Play” connections for easy set up



### Capabilities

#### Thawing/concrete curing

*With optional hose reel (24 x 700' hoses)*

- Thaw up to 34,000 sq ft of ground
- Cure up to 68,000 sq ft of concrete

#### Space Heating

*With optional HX200 heat exchangers*

- Up to 1.4 million cubic feet of space heating
- Connect up to 30 unit heaters
- Pump up to 30 floors high (55gpm @ 300 ft)
- Connect to multiple floors and multiple rooms at a time with ease

### Simple to operate

- Often just one person required for set up
- Generally no licensed or specially trained technician required for set up.
- Rugged high pressure custom hoses with self-sealing hydraulic fittings minimize the risk of spills
- The latest in Programmable Logic Controller Technology means that minimal input is required from the operator to manage flow and temperatures with different conditions
- Multiple redundancy safety systems virtually eliminate the worry of operator error
- Access to the unit is easy from all sides. Front side provides access to almost all elements.
- Unit can be lifted from either side with forklift or craned from the bottom.
- Operates with three phase power supply from the grid or generator connection.
- Minimal voltage spike by use of soft start modules
- On board air compressor blows out lines at the end of the job to ease removal of hoses and unit heaters

### Rugged Coil Design

- No Fire Box to damage during transport
- No fire bricks to replace
- Open to atmosphere so cannot be considered a boiler or pressure vessel
- High efficiency burners

*(\*)Natural gas/ Propane in development*

**See reverse for technical specifications**

# HK1500 Technical specifications

## Thermal Performance

Nominal input heating capacity: 1.5 MMBtu/h. (378,000 Kcal/h)

Diesel fuel consumption: 10.6 gph.(34 liter/hour)

Max temp target: 200 F (93c).

Min ambient temperature: -40F/ -40C.

Power Required: 208VAC 3Phase x 40A

Nominal power consumption: 12.2 KVA 3x208 VAC/60 Hz

## Physical Dimensions

LxWxH : 7'4" x 7'4" x 6' (2,235 x 2,235 x 1,800 mm)

Weight (full) 4800lbs/2179 kg

System glycol capacity: 245 US gal/ 950 liter.



[www.heat-king.ca](http://www.heat-king.ca)

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*Note: Our constant drive to introduce newer technologies and improvements to our equipment may result in specification changes introduced without notice.*