

SYSTEM PERFORMANCE

HEATING CAPACITY			
Engine Speed	Btu/hr	Watts	RPM
Heat King 450 (Standard Output)			
High	30,000	8,790	2,550
Low	10,000	2,930	1,550
Heat King 450 HO (High Output)			
High	36,000	10,550	3,050
Low	10,000	2,930	1,550
Heat King 450 MAX (Maximum Output)			
High	50,000	14,650	3,200
Low	10,000	2,930	1,550
Instrumentation is per Thermo King heating test protocol (HeatTesting TKS)			

AIRFLOW		
Engine Speed	CFM	M ³ /hr
Heat King 450		
High	3,100	5,100
Low	1,900	3,125
Heat King 450 HO		
High	3,400	5,600
Low	1,700	2,800
Heat King 450 MAX		
High	3,600	5,925
Low	1,700	2,800

OPERATION

Automatic start/stop heating

STANDARD FEATURES

- TK 2.7 diesel engine
- One-piece unit frame
- Alternator, 37 amp, 12V dc
- Programmable ThermoGuard VII microprocessor controller
- CYCLE-SENTRY™ start/stop, including battery sentry and block temperature-initiated restart
- Heavy duty battery hold-down and tray
- Remote TGVII display
- Centigrade thermometer
- Installation hardware
- Auto engine restart to charge battery and when engine block temperature drops below 30°F
- Threaded battery post cable

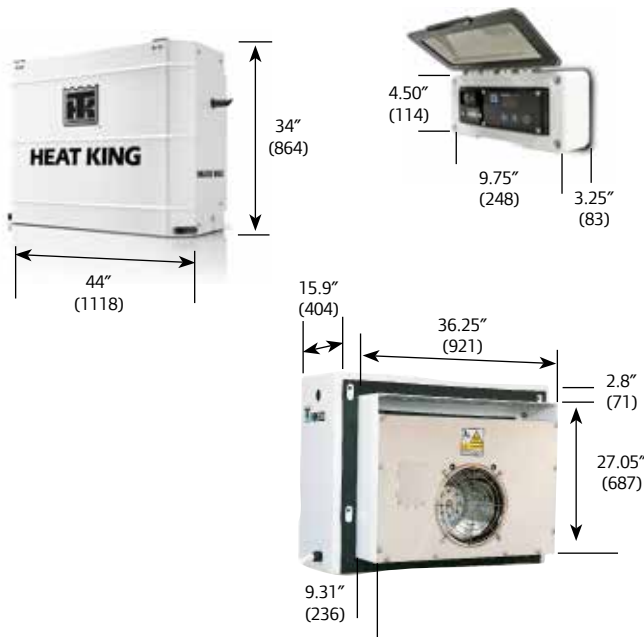
OPTIONAL FEATURES

- Zero cube unit installation kit
- Silicone coolant hoses
- CE mark
- Low noise package (standard on HO)
- Fuel heater – electric
- Synthetic oil
- Battery cable, clamp post
- Custom paint
- Exhaust extension
- Fuel tanks:
 - 30 gallon (114 liter) undermount aluminum
 - 50 gallon (189 liter) undermount aluminum
 - 50 gallon (189 liter) USFSL ready
 - 110 gallon (416 liter) undermount steel

SPECIFICATIONS

DIMENSIONS

Inches (Millimeters)



WARRANTY

Terms of the Thermo King Warranty are available on request. The unit and its components are warranted to be free from defects in material and workmanship from date in service as follows:

- 12 months parts & labor - entire unit including Thermoguard TG-VII microprocessor
- 24 months parts & labor - injection pump, engine and internal parts and radiator coil

Manufacturer is not responsible and will not be held liable in contract or tort (including strict liability and negligence) for any special, indirect or consequential damages including but not limited to injury or damage caused to vehicles, contents or person, by reason of the installation or use of any Thermo King product or its mechanical failure.

WEIGHT (APPROXIMATE WITH BATTERY)

HK 450	448 lbs (203 kg)
HK 450 HO.....	448 lbs (203 kg)
HK 450 MAX	488 lbs (221 kg)
30 gallon fuel tank with brackets (w/o fuel).....	90 lbs (41 kg)
50 gallon fuel tank with brackets (w/o fuel).....	100 lbs (45 kg)
110 gallon fuel tank with brackets (w/o fuel)....	308 lbs (140 kg)