

**AEROTECH
HERMAN
NELSON**
INTERNATIONAL INC.

*The new HPL Series
provides serious portable
performance for most
industrial, commercial or
emergency situations.
Quality built with the
user in mind.*

HPL Series
Heat | Power | Light



HEAT



POWER



LIGHT

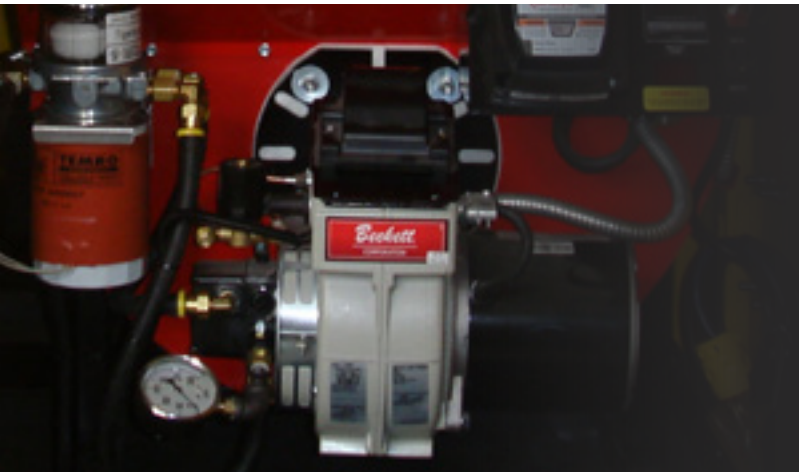
The Ultimate in Portable Performance

HEATING GENERATOR



HPL600-D7 All-in-one

- Full recirculation capability with two 12" ducts on discharge and two ducts on inlet offering dramatic fuel savings.
- High static pressure fan allows for up to 150 ft of discharge ducting (up to 200 ft with available 6500 CFM 4" S.P. fan) allows unit to be conveniently placed or remain at a safe distance from combustibles or hazardous areas.
- Ultra high air volumes heat areas quickly and provide fast air changes for excellent drying characteristics.
- Stainless steel high efficiency heat exchanger.
- Beckett CF burner high capacity provides constant reliability with readily available maintenance parts.
- Low power consumption of 11.4 A for (600K BTU model) puts less demand on generator allowing more surplus power.



SPECIFICATIONS

HEATING CAPACITY	588,000 BTU/h	172.3 kW
HEATED AIR OUTPUT	5500 CFM	9345 m ³ /h
STATIC PRESSURE	3" w.c.	0.75 kPa
HEAT RISE	220 °F	104 °C
FUEL USAGE	4.0 gal/h max.	15.1 L/h Max.
DUCTING SIZE	2 x 12" Outlets plus 2 x 12" Inlets (1 x 16" Outlet plus 1 x 16" Inlet is available)	

LIGHTING MODULE

BRIGHTER LIGHTS, LOWER REQUIREMENTS

- Ultra low power requirements for less power demand and more available generator surplus power. Unaffected by outdoor temp.
- IP-66 ingress protection rating provides complete protection from water and dust intrusion with extremely high shock resistance.
- Lifespan of 80,000h to 100,000h requires no replacement of bulbs.
- Instant on/off with no warm up or re-strike wait times.
- Optimized colour temperature and wavelength provides more available usable light than 4800 watts of metal halide.
- Quick detach four section light tower extends up to 23 ft — approximately 6 ft retracted. Fully adjustable lighting direction.

LIGHTING TYPE Two or four 200 W or 300 W ultra-high output industrial grade LED panels. IP-66 water and dust protection rating and extreme shock & vibration resistance.

POWER

CONSUMPTION Maximum 1200 W with four 300 W panels.

LIGHT QUALITY 5000 K to 6500 K colour temperature. Luminance efficiency of 140 lm/W produces over 168,000 lm (4 x 300 W).



POWER SUPPLY

HPL600-D7 7KW GENERATOR

MODEL TYPE	DA7000 Commercial Duty direct coupled with liquid cooled 2 cyl. Tier 4F Kubota Diesel
POWER OUTPUT	7 kW Standby — 6 kW continuous (prime) 120/240 VAC 60Hz, 1 PH
OUTPUTS	· L14-30R 120/240V · CS6369 240V Twist Lock · L5-20R 120V · 5-20R 120V Duplex
FUEL TYPE	ASTM-D975 No. 1 & No.2-D
FUEL USAGE	0.55 gal/h (2.1 L/h) at $\frac{3}{4}$ load .



THE RIGHT SPECIFICATIONS FOR YOUR POWER NEEDS

- 12 Volts electric start with charging circuit
- Voltmeter & Hour meter — CSA approved
- Low oil pressure/High coolant temperature engine shutdown protection
- Engine block heater for extreme cold conditions with exterior single point connection to outside power.



HPL600-D7

TRAILER, ENCLOSURE & FUEL SYSTEM

TRAILER TYPE All aluminum construction Transport Canada approved with 3500 lb torsion axle, electric brakes and ST205/75R15 LRD tires. LED lighting. Height adjustable 2-5/16" ball hitch or pintle. Top crank tongue jack and bottom mounted integral fork pockets.

ENCLOSURE Industrial powder coated steel enclosure with large slide through duct/accessory storage and lockable access/compartment doors with catches. Enclosure has fully removable service access panels and the entire unit can be removed from the trailer for skid or deck mounting. Top mounted lifting rings and 4 corner bolting plates with D-ring tie downs. Four integral swivel mounts for stabilizer jacks.

SAFETY Exterior mounted one button emergency shut down
110% full safety containment with external drain
Selectable 3 color LED roof beacon indicates generator operation, heater operation & low fuel levels
Exterior mounted 10 lb (BC rated) fire extinguisher

FUEL CAPACITY 90 gal (US) poly fuel tank, USCG/ABYC H-24 passed & EPA approved with fuel sender & remote fuel level gauge. Provides up to 26hr run times with heat and up to 180hr with lighting/surplus power only.* Provision available for connection to remote fuel cells for extended run periods.

FUEL FILTRATION Tigerloop ULTRA fuel de-aerator with F100-10 spin on 10 micron filter with Tempro strap heater and power supply.

APPROX. TOTAL DRY WEIGHT 2610 lb (1186 kg) with light tower

DIMENSIONS
W: 95" (241.3 cm) max.
L: 135" (342.9 cm)
H: 85" (215.9 cm) — 108" (274.3 cm) with light tower installed (retracted position).

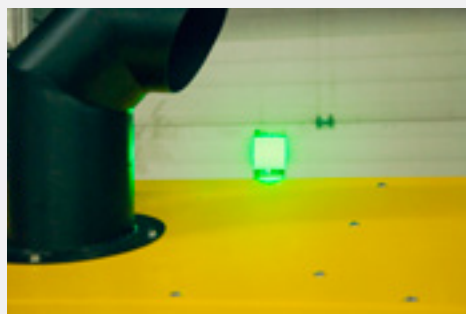
**Run times based on heater operating with a 75% heating load and lighting/surplus only rating with generator operating at 75% load. Lighting only operation can deliver run times of over 200 hours.*

Options & Accessories

- Four 300 watt LED lighting panels provides 168,000 lumens
- Pintle Hitch in lieu of 2-5/16" ball hitch
- Plug in remote thermostat with 50 ft of cable
- Skid mounting option (no trailer).
- Combustible Gas Detection Sensor with full shutdown
- 16"dia single outlet and inlet duct size available in lieu of double 12"dia.
- High performance flexible inter-connectable ducting
- GPS package
- Insulated Ducting.



BUILT FOR THE TOUGHEST CLIMATES



ABOUT US

**AEROTECH
HERMAN
NELSON**
INTERNATIONAL INC.

Based in Winnipeg, Canada, Aerotech Herman Nelson International manufactures commercial standalone heaters used in industrial sectors like aviation oil & gas and construction.

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