For Safety & Security Think...

Flameless Heat

AEROTECH HERMAN NELSON INTERNATIONAL INC.

WWW.HERMANNELSON.COM
Flameless Heat

The Aerotech Herman Nelson Flameless heaters deliver high volumes of heat with industry leading static pressure. These superior quality units are John Deere or Kubota diesel driven and provide unparalleled performance in every way.
The Aerotech Herman Nelson flameless heaters are ideal when an open flame or spark is not acceptable. Engine driven, these flameless heaters develop very high CFM and static pressure to maximize your heat delivery. The market applications are endless for the Aerotech flameless heaters from oil and gas exploration, construction, reclamation to agricultural drying.

Model Specifications

- **Engine:** Kubota 58 HP @ 2,400 RPM
- **Governing:** Electronic - Overspeed Shutdown
- **Outlet Duct:** (1) 16" Diameter Outlet W/Four Galvanized Quick Clamps
- **Fuel Capacity:** 116 Gallons US Single Wall Tank w/Containment Pan
- **Heat Transfer Fluid:** ~12 Gallons Synthetic CalFlo or Synthetic ATF
- **Electric System:** 12VDC w/100 Amp Brushless / Sparkless Alternator
- **Air Flow:** 2500 CFM w/4.5" H2O
- **Temp Rise:** 140°F with Max 5" H2O Output
- **Ambient Air Rating:** -40°F to +100°F
- **Fuel Efficiency:** 81%+
- **Weight:** 3,400 Lbs
- **Dims Overall:** 87" L x 39" W x 61" H
- **Lifting:** Single Point Lifting Eye

Available Options

- **Trailer Kit:** 4500 Lb. Torsional Axle with 225/75R15 Wheels and 2 5/16" Ball Hitch, Lighting Kit, Electric Brakes w/7 Pin Plug-in
- **Hitch Setup:** Pintle Hitch
- **Leveling Jacks:** Rear Corner Mounted Bulldog Jacks
- **Stainless Hardware:** Stainless Bolt Kit, Exterior Clamps & Bolts
- **Outlet Duct:** Y Adapter Clamp On 16" to 2 x 12"
- **Electrical System:** 12VDC w/100 Amp Brushless / Sparkless Alternator
- **LED Warning System:** 3 Function Roof Mounted Strobe Lights - On/Off and Low Fuel Indicator
- **OPH:** Oil Pan Heater (60 Hz)
- **BBH:** Battery Blanket Heater (60 Hz)
- **EBH:** Engine Block Heater (60 Hz)
- **Stone Guard:** To Roof Line

**BT 375k**

**375,000 BTU/HR**
The units are master controller operated with easy start up/shut down procedures. The industry leading automated louver system ensures correct outside air balance at all times without the need of manual adjustment delivering optimal operation efficiency.

**Available Options**

- **Hitch Setup**: Pintle Hitch
- **Leveling Jacks**: Rear Corner Mounted Bulldog Jacks
- **Stainless Hardware**: Stainless Bolt Kit, Exterior Clamps & Bolts
- **Electrical System**: 12VDC w/100 AMP Brushless/Sparkless Alternator
- **LED Warning System**: 3 Functions Roof Mounted Strobe Lights - On/Off and Low Fuel Indicator
- **OPH**: Oil Pan Heater (60Hz)
- **BBH**: Battery Blanket Heater (60Hz)
- **EBH**: Engine Block Heater (60Hz)
- **Stone Guard**: To Roof Line

**Model Specifications**

- **Engine**: John Deere 200 HP @ 2,400 RPM
- **Dual Axle**: Dual Axle 225/75R16 Tire & Rim
- **Hitch Setup**: 2 5/16” Ball Hitch
- **Governing**: Electronic - Overspeed Shutdown
- **(2) 16” Diameter Outlet W/Four Galvanized Quick Clamps
- **Fuel Capacity**: 315 Gallons US
- **Heat Transfer Fluid**: ~25 Gallons Synthetic CalFlo or Synthetic ATF
- **Run Time**: 26 Hours at 100% Load
- **Electric System**: 12VDC w/100 Amp Alternator
- **Air Flow**: 5,000CFM @5.5” H2O
- **Heat Output**: 1.2 M BTU/Hour
- **Temp Rise**: 240 °F
- **Ambient Air Rating**: -40 °F to + 60 °F
- **Air Controller**: Automatic Shutter Controller
- **Fuel Efficiency**: 80%+
- **Weight**: 7,240 Lbs
- **Dims Overall**: 188” L x 82” W x 98” H
### Model Specifications

<table>
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<tr>
<th>Engine</th>
<th>John Deere 99 HP @ 2,400 RPM</th>
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</thead>
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<tr>
<td>Hitch Setup</td>
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<td>Governing</td>
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<tr>
<td>Fuel Capacity</td>
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<td>Dms Overall</td>
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</tbody>
</table>

### Available Options

- **Hitch Setup**: Pintle Hitch
- **Leveling Jacks**: Rear Corner Mounted Bulldog Jacks
- **Dual Axle**: Dual Axle with Steel Fender Extension
- **Stainless Hardware**: Stainless Bolt Kit, Exterior Clamps & Bolts
- **Electrical System**: 12VDC w/100 Amp Brushless/Sparkless Alternator
- **LED Warning System**: 3 Function Roof Mounted Strobe Lights - On/Off and Low Fuel Indicator
- **OPH**: Oil Pan Heater (60 Hz)
- **BBH**: Battery Blanket Heater (60 Hz)
- **EBH**: Engine Block Heater (60 Hz)
- **Stone Guard**: To Roof Line
All Stock Models Include

- Gravel guard to tank with 110% spill containment
- 4 corner tie down hooks
- Operational indicator light (3 function)
- Interior light equipped
- Master electrical shut down switch

The immediate applications for these appliances are in high risk exposure areas such as oil and gas or fume sensitive environments. The high air volumes and static pressure makes these units ideal for heating/drying functions in construction and agriculture.