



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.



BT 375K
375,000 BTU/HR

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 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

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.



BT 1.2M
1,200,000 BTU/HR

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

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

BT 700k 700,000BTU/HR



Model Specifications

- Engine:** John Deere 99 HP @ 2,400 RPM
- Hitch Setup:** 2 5/16" Ball Hitch
- Governing:** Electronic - Overspeed Shutdown
- Outlet Duct:** (1) 16" Diameter Outlet W/Four Galvanized Quick Clamps
- Fuel Capacity:** 150 Gallons US
- Heat Transfer Fluid:** ~24 Gallons Synthetic CalFlo or Synthetic ATF
- Run Time:** 26 Hours at 100% Load
- Electric System:** 12 VDC w/100 Amp Alternator
- Air Flow:** 5,000 CFM @ 5.5" H₂O
- Temp Rise:** 140 °F
- Ambient Air Rating:** -40 °F TO + 60 °F
- Air Controller:** Automatic Shutter Controller
- Fuel Efficiency:** 67%+
- Weight:** 5,640 Lbs
- Dms Overall:** 136" L x 68" W x 91" H

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.

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