**SAFETY THAW ////**

**Hybrid Light Solutions LLC.**
Toll Free: **1-833-249-2417**
info@hybridlightsolutions.com
**www.hybridlightsolutions.com**

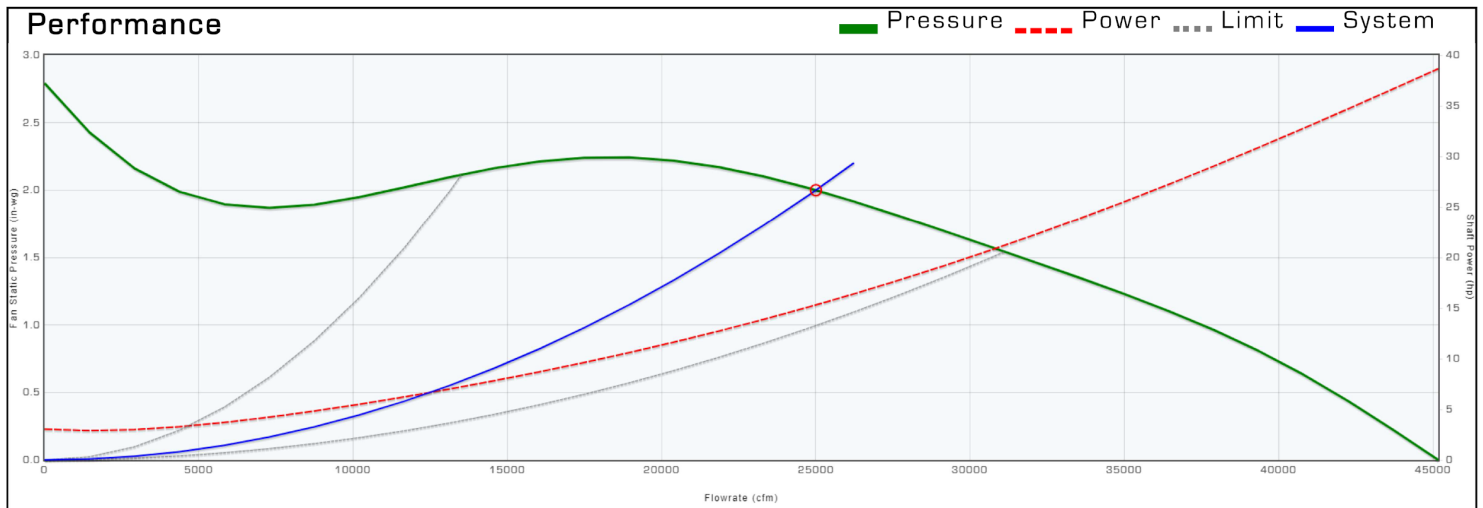## Model        ST-4500

## FEATURES

| | |
|---|---|
| • Prototype & Production Tested Design | • Designed to be switchable between natural gas and propane gas with minimal changes |
| • Wide range of options and accessories available | • Advanced burner management controller monitors all aspects of heater operation |
| • Simple access for maintenance and operations | • Simple user interface and operation |
| • Weatherproof enclosure - water tested to UL/CSA/ANSI standards. | • PID Control with robust algorithm for temperature control to reduce fuel consumption and protect heater |
| • Safety guards for all electrical connections | • Highly reliable outlet air temperature sensor |
| • Tool-less latches standard with key or external lock optional | • Highly portable design with fork pockets in both directions and a four point lifting system. |
| • All parts powder coated, galvanized or aluminum | •  Easy access control panel with clear labelling to support field operations |
| • Modulating burner design to right size the heater to any ambient condition | |

# UNIT SPECIFICATIONS
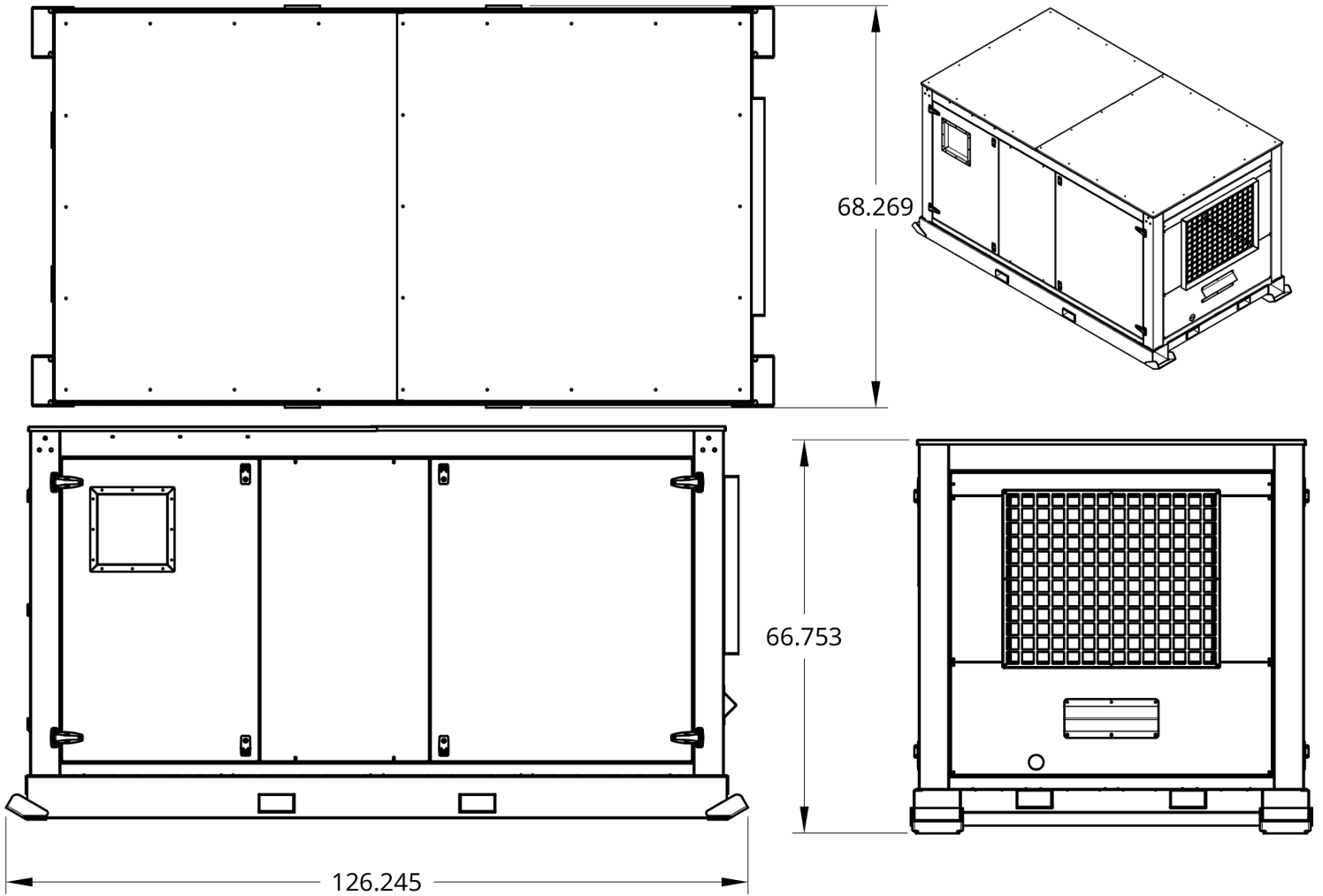
| | |
|---|---|
| Max BTU / HR | 4,500,000 |
| Min Output BTU / HR | 375,000 |
| Gas Inlet Pressure | 10-14 inchs of water column, 25-35 millibar |
| Fuel Type | HD5 Propane or Utility Grade Natural Gas |
| Maximum Rated Duct Length | 50 feet |
| Modulation Range | 26:1 Input Range |
| Outlet Duct Configuration | 37 x 30.25 Rectangle |
| Power Requirement | 480V/208V Switchable Voltage<br>or<br>600V Fixed |
| Recommended Circuit | 208/230V, 3Ø 60 Amp<br>460V, 3Ø 35 Amp<br>600V, 3Ø 30 Amp |
| Full Load Amps | 48 Amps @ 208V<br>23 Amps @ 480V<br>19 amps @ 600V |
| Burner Head Type | Stainless Steel / Cast Burner Head |
| Compliance | cETLus: CSA 2.14 / ANSI Z83.7 ,CSA C22.2#3, UL295, NFPA |
| Blower Type | Forward Curved Centrifugal Blower |
| Air Volume | 25,000 CFM @ 2"H20 |
| Length [INCHES] | 126 |
| Width [INCHES] | 69 |
| Height [INCHES] | 70 |
| Weight [LBS] | 2700 |

Rev A.

# FAN CURVE

# DIMENSIONS

68.269

66.753

126.245

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