



Hybrid Light Solutions LLC.

Toll Free: 1-833-249-2417

info@hybridlightsolutions.com

www.hybridlightsolutions.com

Model

ST-2500



FEATURES

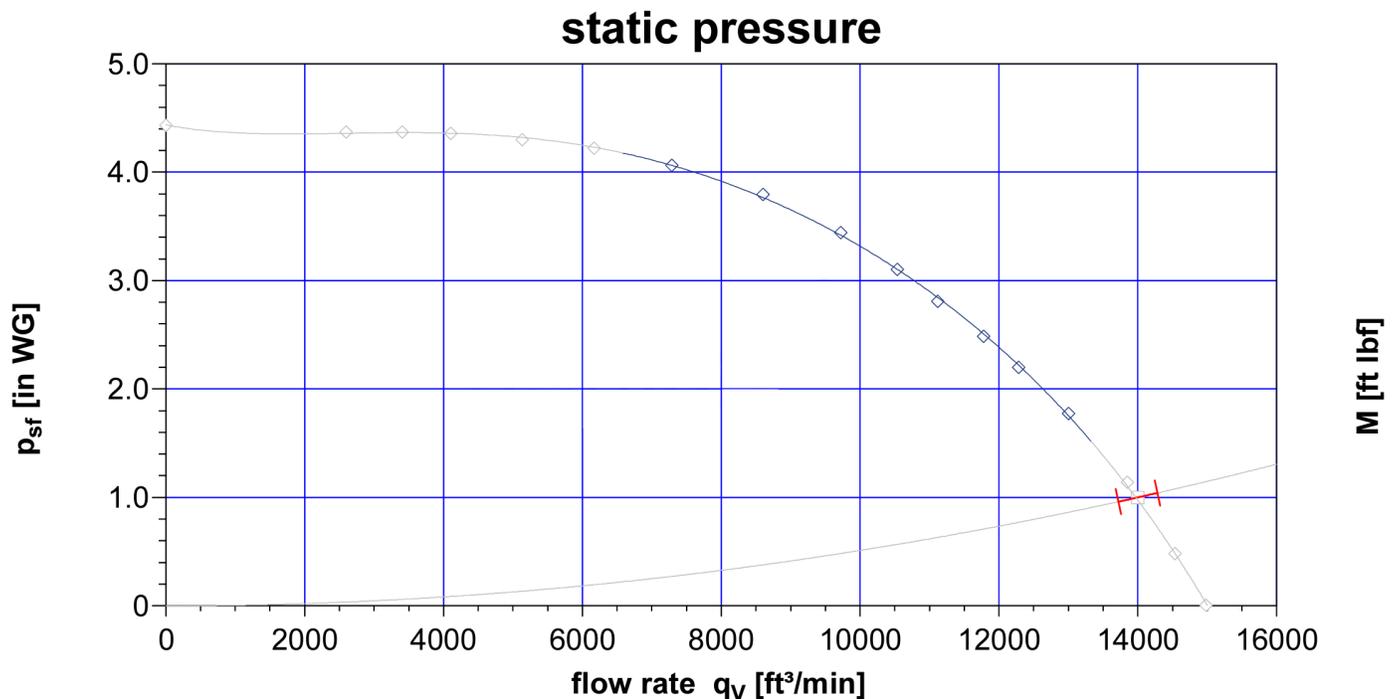
- Prototype & Production Tested Design
- Modulating burner design to right size the heater to any ambient condition
- Simple access for maintenance and operations
- Weatherproof enclosure - water tested to UL/CSA/ANSI standards.
- Safety guards for all electrical connections
- Tool-less latches standard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

UNIT SPECIFICATIONS

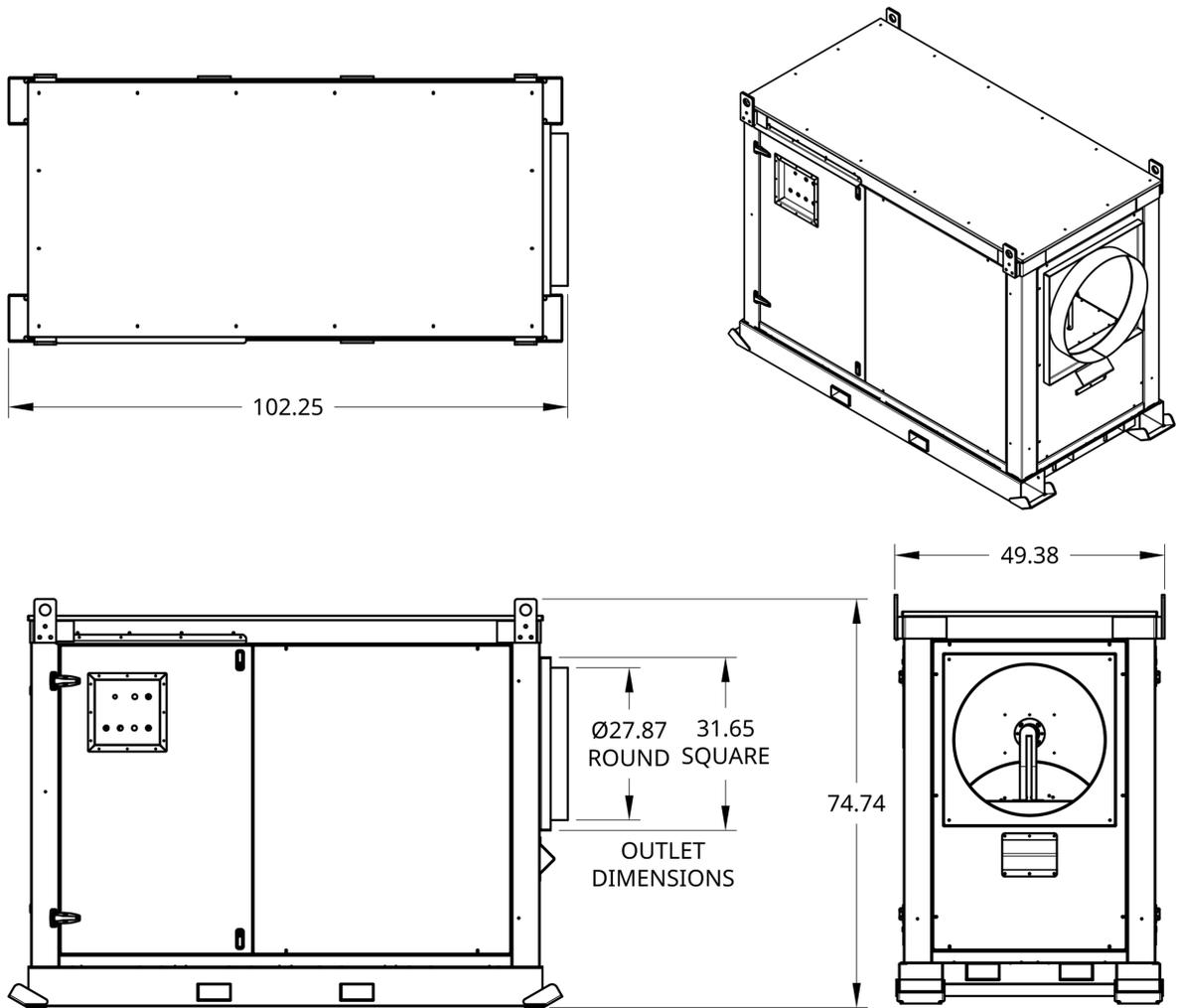
Max Output	2,500,000 btu/hr
Min Output	35,000 btu/hr
Gas Inlet Pressure	10-14 inches of water column, 25-35 millibar
Fuel Type	HD5 Propane or Utility Grade Natural Gas
Maximum Rated Duct Length	100 Feet
Modulation Range	26:1 Input Range
Outlet Duct Configuration	28" Round 31.65" Square
Power Requirement	208V/240V Single Phase or 208/240V Three Phase
Recommended Circuit	230V, 1Ø, 50 Amp 208V, 3Ø, 40 Amp
Full Load Amps	230V, 1Ø, 40 Amp 208V-230V, 3Ø 24 Amp
Burner Head Type	Stainless Steel / Cast Burner Head
Compliance	cETLus: CSA 2.14 / ANSI Z83.7, CSA C22.2#3, UL295, NFPA
Blower Type	Backwards Inclined
Air Volume	14,000 CFM @ 1 "H2O
Length [INCHES]	102.25"
Width [INCHES]	49.38"
Height [INCHES]	74.74"
Weight [LBS]	

Rev A.

FAN CURVE



DIMENSIONS



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