

Model IAQH-1000



FEATURES

Material Curing & Humidity Control

- Engineered for precise control of construction material curing (drywall, wood, concrete, paints, adhesives)
- Maintains optimal temperature and dew point to accelerate drying and prevent defects
- Weatherproof enclosure - water tested to UL/CSA/ANSI standards.
- Safety guards for all electrical connections
- Toolless latches standard with key or external lock optional
- All parts powder coated or galvanized or aluminum
- Two Point lifting bail system, engineered and rated

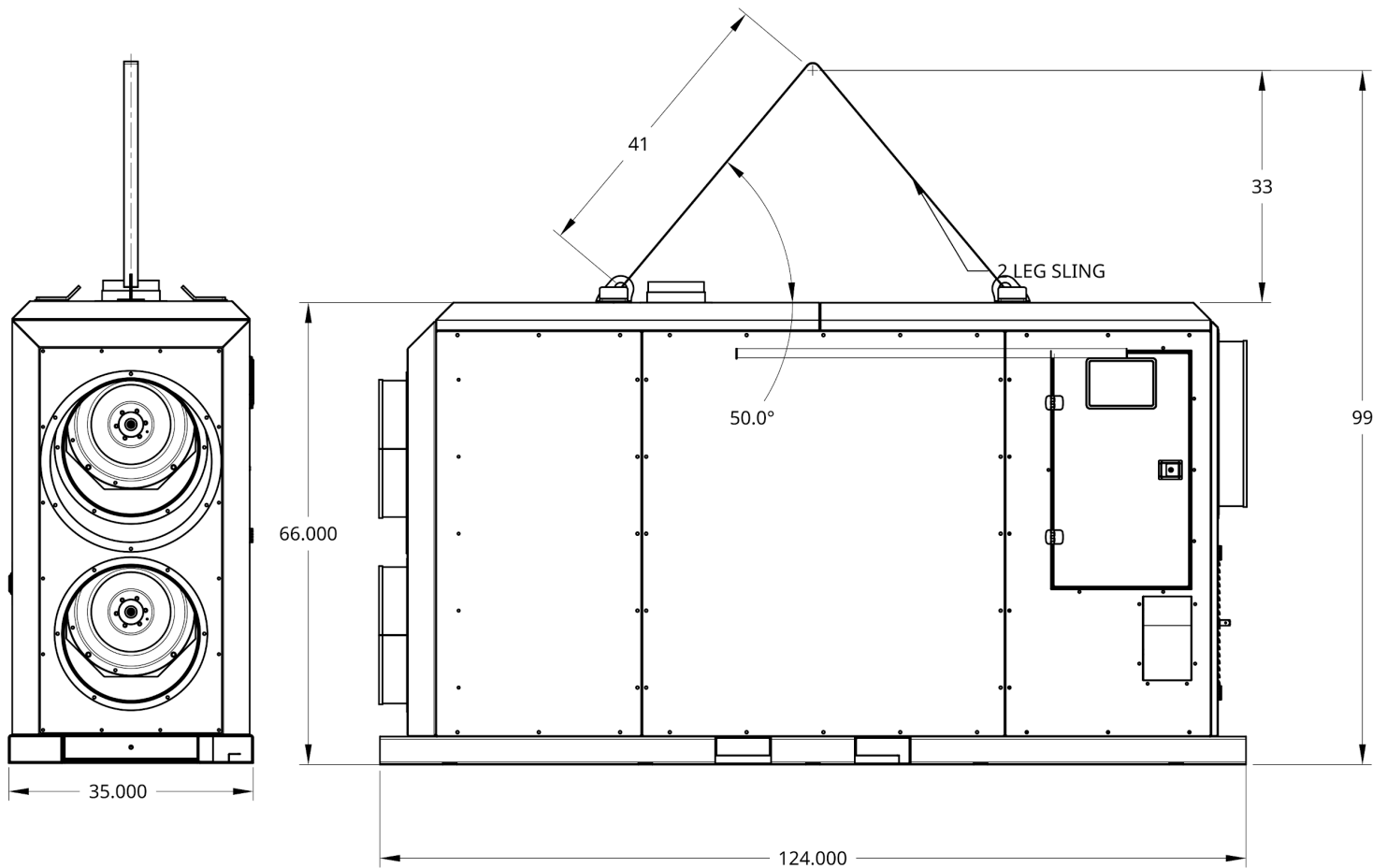
Heating System

- Designed to be switchable between natural gas and propane gas with minimal changes
- High resolution controller monitors all aspects of heater operation
- Control Screen Type 4.3", color touch panel with high-resolutions, graphical interface, multi language, metric or imperial
- PID-controlled modulation ensures consistent material treatment across ambient conditions
- Highly reliable thermocouple type sensor - Inlet, and Redundant Outlet Temperature Sen
- Highly portable design with fork pockets in both directions and a two point lifting system.
- Modulating burner design to right size the heater to any ambient condition

UNIT SPECIFICATIONS

Max Inlet BTU / HR	1,000,000.00
Max Output BTU / HR	800,000
Natural Gas Max Fuel Consumption	1.05 GJ / 27.8 M3 / 1000 ft3 per hour
Propane Gas Max Fuel Consumption	41.3 Liters / 10.9 Gallons per hour
Gas Inlet Pressure	10-14 inches of water column, 25-35 millibar
Rated Gas Type	HD5 Propane or Utility Grade Natural Gas
Modulation Range	26:1 Input Range: 38,000 BTU-1,000,000 BTU
Inlet Duct Configuration	2 x 20"
Outlet Duct Configuration	1 x 24"
Maximum Recommend Ducting	200 feet
Max System Efficiency	85%
Power Requirement	208 Volt, Three Phase
Recommended Circuit	50 Amps
Full Load Amps	29.9
SCCR	12 KA 208/240 VAC
Heat Exchanger Type	Stainless Steel, 304L, 2 Pass HO Design
Compliance	cETLus: CSA 2.14 / ANSI Z83.7 ,CSA C22.2#3, UL295, NFPA
Blower Type	Backwards Inclined Centrifugal Fan Array (2) Blowers
Air Volume	16,000 CFM Max Flow
Maximum system back pressure	6.5" WC
Length [INCHES]	124
Width [INCHES]	35
Height [INCHES]	72
Weight [LBS]	2380 lbs
Dew Point Management	Reduces RH in high-moisture environments.
Compliance / Approvals	cETLus: CSA 2.14 / ANSI Z83.7 ,CSA C22.2#3, UL295, NFPA

DIMENSIONS



PRIMARY FUNCTION

Industrial machinery for controlled heating and drying of construction materials during curing and finishing phases.

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