

Model 2023 IAQH-2000



FEATURES

- Prototype & Production Tested Design
- Wide range of options and accessories available including ducting, air filtration systems
- Simple access for maintenance and operations
- 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

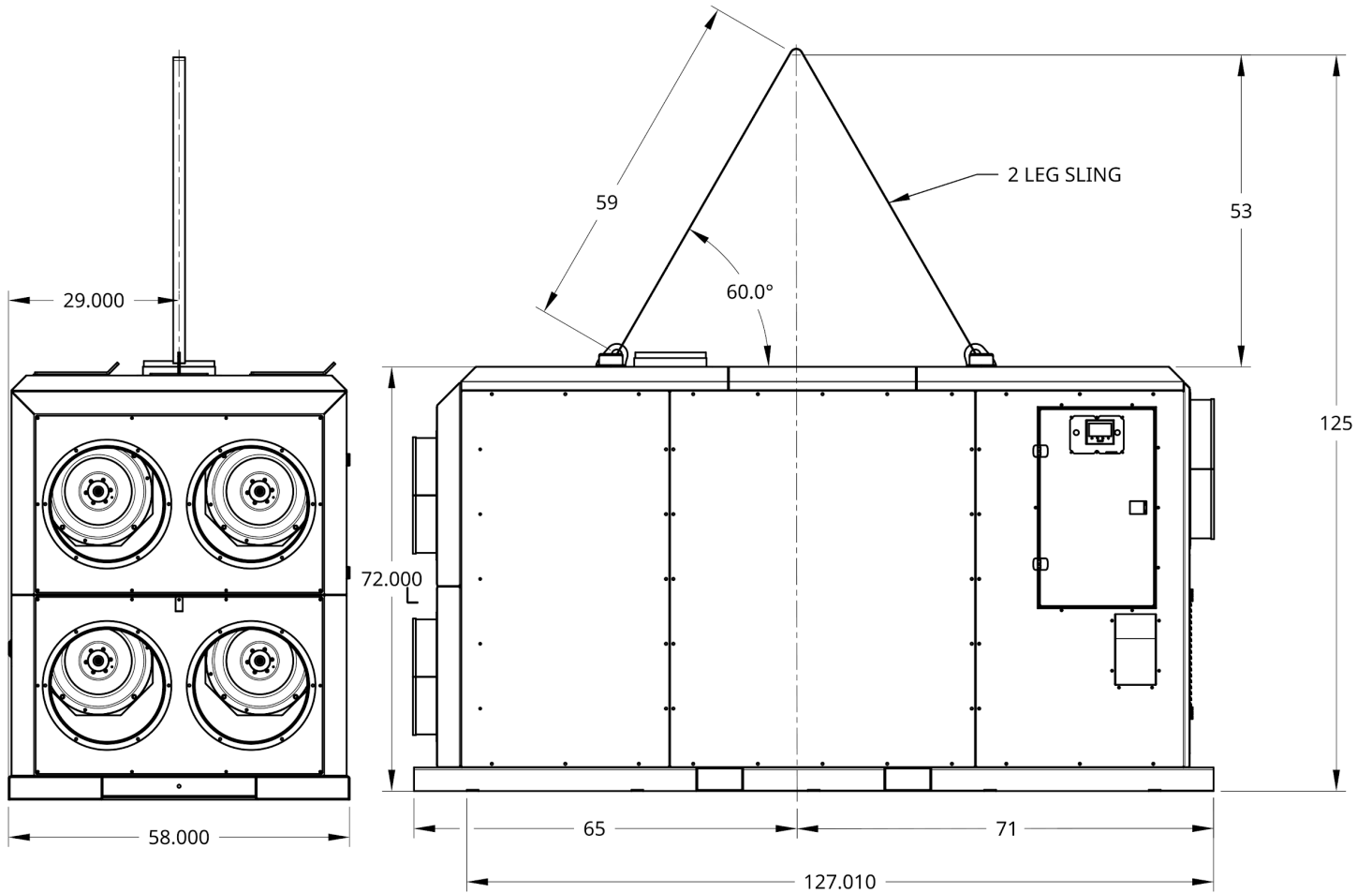
Heating System

- 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 Control Robust algorithm for temperature and fan control to reduce fuel consumption and protect heat exchanger
- 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 | 2,000,000.00 |
| Max Output BTU / HR | 1,600,000 |
| Natural Gas Max Fuel Consumption | 2.32 GJ / 61.16 M3 / 2200 ft3 per hour |
| Propane Gas Max Fuel Consumption | 90.9 Liters / 24.0 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: 150,000 BTU-2,000,000 BTU |
| Inlet Duct Configuration | 4 x 20" |
| Outlet Duct Configuration | 2 x 24" |
| Maximum Recommend Ducting | 400 feet |
| Max System Efficiency | 85% |
| Power Requirement | 208 Volt, Three Phase |
| Recommended Circuit | 70 Amps |
| Full Load Amps | 59.8 |
| SCCR | 11 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 (4) Blowers |
| Air Volume | 32,000 CFM Max Flow |
| Maximum system back pressure | 6.5" WC |
| Length [INCHES] | 140 |
| Width [INCHES] | 70 |
| Height [INCHES] | 74 |
| Weight [LBS] | 4750 lbs |
| Compliance / Approvals | cETLus: CSA 2.14 / ANSI Z83.7 ,CSA C22.2#3, UL295, NFPA |

DIMENSIONS



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