

HEAT KING

IDF 1000 INDIRECT FIRED AIR HEATING SYSTEM



With over 20 years of experience in the development and production of heating equipment and thousands of systems delivered, Heat King is proud to introduce the IDF1000. As a stand-alone system, with variable air flow and the latest in electronic controls the IDF1000 is the most versatile, powerful and user friendly system ever brought to the market.

FEATURES

- Stand Alone, No Power Needed
- Yanmar Diesel Tier 4 Engine
- Backward Curved Aluminum Impeller
- PLC Controlled System
- Constant Temperature Monitoring
- Variable Air Flow

- Quick Change Ducting
- Large Access Door
- 12 Volt System
- Extended Run Time
- CSA / UL Certified
- High Efficiency Heat Exchanger

- Centrifugal Clutch
- Double Drive Belt
- Diesel Powered Burner
- Fuel Pre Heater
- 40°C Start
- Optional Trailer/Fuel Tank

IDF1000 SPECIFICATIONS

• Nominal Heat Input	1,000,000 BTU/h
• Fuel Requirement	#1 Diesel Fuel
• Engine	Yanmar 3 cyl Tier 4 Diesel
• Burner	Wayne MSR-DC
• Clutch	Centrifugal 1600 RPM Engagement
• Supply/Return Air Ducts	2 x 16" Std.
• Fuel Consumption	7.8 GPH Max
• Air Flow	Max 9000 CFM @ 5"W.C.
• Run Time	Min 40 Hrs (with optional fuel tank)
• Electrical Requirements	Stand Alone 12 Volt System
• Weight	3300 lbs (IDF only)
• L x W x H	128" x 43" x 77" (IDF only)

• Trailer	OPTIONALS
• Fuel Tank	Dual 5000 lb Axle w/ Electric Brakes
• Duct Outlets	326 US GAL
• Hitch	16", 20" or 24"
• L x W x H	2 5/16" Ball or Pintle
• Weight	187" x 74" x 96" (IDF with trailer/tank)
	6100 lbs (empty) 8400 lbs (full)

• Cabinet	ACCESSORIES
• Thermostat	For Ducting Storage
• Lifting Frame	For Remote Control
	For Lifting Unit



USER FRIENDLY CONTROLS

The control panel features large, easy to use switches, low temp digital display with warning/alarm messages that are continually monitored and recorded by the PLC for ease of troubleshooting.



High Efficiency Heat Exchanger

The stainless steel multi-pass heat exchanger coupled with the backward curved aluminum impeller makes for quiet operation and maximum efficiency, while providing large air flow at high pressure.



Long Run Time

The IDF1000 is powered by a 3 cylinder Yanmar Tier 4 diesel engine and features long run times between servicing.



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