

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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