



IHS700

- 1. Fully Insulated**
 - Increased temperature rise
 - Higher efficiency
 - Safety – cool to touch
- 2. Satin Coat/Power Coat**
 - resists scratches and rust
- 3. Fork Lift from any side/lifting hooks/stackable.**
- 4. Highest Static in the Industry (4" standard)**
 - 5 HP motor (3 or 4)
 - Pressurizes and distributes heat more evenly throughout the building, longer fuel runs.
- 5. Available in HED**
 - Lower start up amps.
 - Can run on 3 phase or single phase.
- 6. Easy burner change out from LP/NG to oil.**



OIL

Genysis Control & Reader (as the IDF)

Optional 175 gallon tank

LP/NG

Easy Ball Valve Change over from Propane to Natural Gas.

FROST *Fighter*



Trailer

Overall Dimensions (in): 160.25L x 84W

Deck Dimensions: 96L x 66W

Suspension: 7,000lb Tandem Axle, Leaf Spring

Brakes: Electronically Actuated Drums w/ Brake-Away Controller

Tires: 205/75R14 Load Range on 5 Bolt/4.5" Diameter Steel Wheels

Lights: Complies with SAE Ground Vehicle Lighting Standards

Electrical: 7-Way Ground Connector (Flat Pin)

Fuel Capacity: 190 Gallon (US) - Shared

Generator

Make: Isuzu 3CE1

Engine: 4 Cycle, Direct Drive-Injection Overhead Valve Diesel

Cylinder: 3 Cylinder

Displacement: 1.6L

Compression Ratio: 19.0:1

Aspiration: Naturally Aspirated

Cooling: Liquid Cooled Direct Drive Pusher Fan

Emissions: U.S. EPA Tier 4 Interim, EC Stage IIIA

Alternator

Make: Newage Stamford PI044G

Voltage: 240V

Phase: 3

Frequency: 60Hz

Power: 12Kw Continuous, 15kVA Reactive

Mounting: Direct Drive

IHS700 Ice Fighter GT

IHS700 Ice Fighter Specifications

Fuel Type	Natural Gas	Propane	Oil
Heating Capacity	680,000 BTU/hr	680,000 BTU/hr	700,000 BTU/hr
Fan Motor	5hp, 1750 RPM	5hp, 1750 RPM	5hp, 1750 RPM
Burner Motor	1/3hp, 3450 RPM	1/3hp, 3450 RPM	1/3hp, 3450 RPM
Manifold Pressure	3.7" w.c.	2.9" w.c.	-----
Maximum Inlet	14" w.c.	14" w.c.	-----
Minimum Inlet	7" w.c.	7" w.c.	-----
Pump Pressure	-----	-----	140 psig
Fuel Consumption	680 CFH 20.3 USGPH	267 CFH 8.1 USGPH	----- 5.0 USGPH
Minimum Temperature	- 40 Degrees C / F	- 40 Degrees C / F	- 40 Degrees C / F
Approval Agency	CSA	CSA	CSA
Overall Dimensions	35"W x 96"L x 45"H 0.9m x 2.5m x 1.2m	35"W x 96"L x 45"H 0.9m x 2.5m x 1.2m	35"W x 96"L x 45"H 0.9m x 2.5m x 1.2m
CFM	4,200	4,200	4,200
Weight	1,600lbs.	1,600lbs.	1,600lbs.

IHS700 Ice Fighter Static Pressure	4"
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IHS700 Ice Fighter Amp Draw

230V / 3 Phase	16 Running Amps
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	50 Initial Inrush
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Optional Low In-Rush	30 Initial Rush
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230V / 1 Phase	21 Running Amps
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	40 Initial Inrush
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460V / 3 Phase	6.5 Running Amps
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	26 Initial Inrush
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575V / 3 Phase	5.5 Running Amps
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	22 Initial Inrush
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