



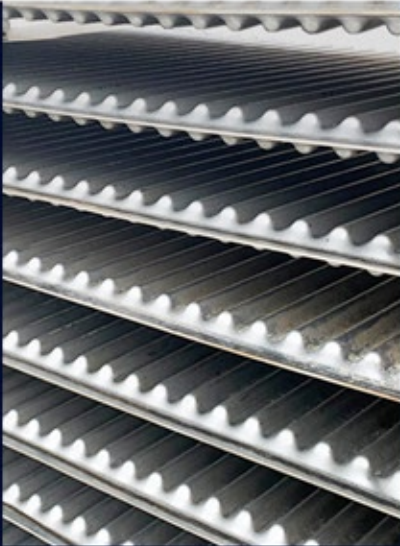
SURE FLAME

PRODUCT CATALOGUE

SAFE. TOUGH. RELIABLE.

INDIRECT HEATERS

SAFE. TOUGH. RELIABLE.



ROBUST PERFORMANCE

Our patented wave exchanger design provides 30% more surface area to heat than flat panels. Using powerful fans and a unique cross flow air exchange, more heat is extracted from the panels so it ends up in your duct -- not out the stack.



SIMPLE CONTROLS, ADVANCED FEATURES

Simple doesn't have to be low tech. Our new cold-rated keypad features large easy-to-read color-coded start / stop buttons. Advanced diagnostics are also available if needed and easily viewed through the bright OLED display.



DURABLE AND RELIABLE

Sure Flame heaters are built to last, featuring tough steel bodies, high quality components, and durable powder coated paint. Our experienced team specializes in manufacturing products of the highest quality.



INDIRECT MODELS

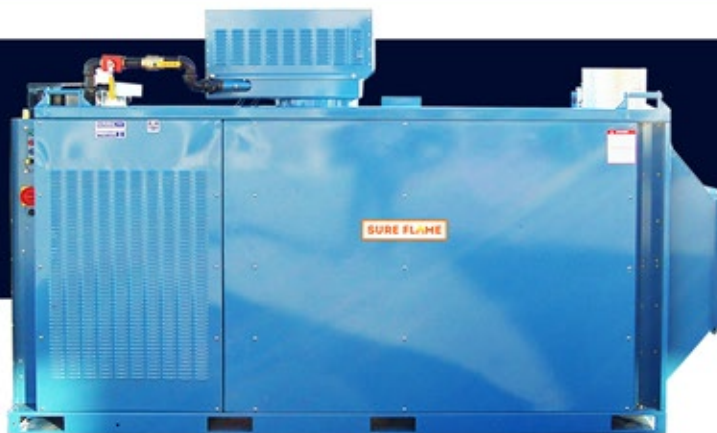
	IX410	IX800	IX1500	ID400	ID800	ID800T	SFT800
	LPG/NG	LPG/NG	LPG/NG	DIESEL	DIESEL	DIESEL	DIESEL
Output (BTU/hr)	400,000	800,000	1,500,000	400,000	800,000	800,000	800,000
Efficiency	84%	86%	82%	84%	86%	86%	86%
Heat Rise	101°C	80°C	95°C	101°C	80°C	80°C	80°C
Fan Rating (CFM)	5,000	13,600	20,500	4,300	13,600	13,600	13,600
Heated Air Flow (CFM)	2,300 @110°C	7,000 @82°C	10,000 @82°C	2,300 @110°C	7,000 @82°C	7,000 @82°C	7,000 @82°C
Max Static Pressure	3.2	5	5.4	2.4	5	5	5
Max Discharge Temp.	116°C	100°C	116°C	116°C	100°C	100°C	100°C
Max Duct Length (ft)	100	200	400	100	200	200	200
Recirculation	YES	YES	YES	YES	YES	YES	YES
Outlet (inches)	2x12, 1x16	2x16, 1x20	2x20, 1x24 4x16	2x12, 2x16	2x16, 1x20	2x16, 1x20	2x16, 1x20
Voltage	120V 1Ph	208/230V 1 or 3Ph	208/230V, 460V 575V-3Ph Only	120V 1Ph	208/230V 1 or 3Ph	208/230V 1 or 3Ph	12kW Generator
Dimensions (LWH-inches)	82.5x29x58	95x29x58	125x32.5x77.5	85x32x59	95x33x56	95x33x76 (w/tank)	156x100x97
Weight (lbs)	560	1340	2160	662	1260	2100 (w/tank)	5214 (7300 full)

* 100k, 200k, 300k BTU Indirect models (diesel) also available. See page 7 for more details.



IX1500

- 🔥 **LPG/NG**
- 🌊 **1,500,000 BTU**
- 🌀 **20,500 CFM**
- 📏 **400 FT MAX DUCT**



- Exceptional reliability and performance
- New OLED screen displays heater diagnostics
- Powerful 10 HP fan motor for high CFM
- Compact design takes up less space
- Low NOx version available (special order only)

🔥 *When big heat is needed, the IX1500 is sure to impress. Featuring Sure Flame's patented burner and exchanger technology, the IX1500 leads the industry in performance and reliability.*

IX800

- 🔥 **LPG/NG**
- 🌊 **800,000 BTU**
- 🌀 **13,600 CFM**
- 📏 **200 FT MAX DUCT**



- Compact design, only 29 inches wide
- Parallel inlet/outlet design for easy recirculation
- 86% efficient in a wide range of air excess
- 7.5 HP fan motor allows long duct runs
- New OLED screen displays heater diagnostics

🔥 *The IX800 packs a punch. Our most advanced design delivers with huge CFM and efficiency, all in a tight and compact design. Get all the heat you expect with the IX800.*

IX410



LPG/NG
400,000 BTU
5,000 CFM
100 FT MAX DUCT



- Exceptional reliability and performance
- Impressive heat rise of 101°C
- Whisper quiet operation
- High efficiency saves on fuel
- Operates on standard 120V outlet



Get more heat and use less fuel with the IX410. Sure Flame's patented combustion technology delivers a difference you can feel. The IX410 outperform all other heaters in this category.

ID800T



DIESEL
800,000 BTU
13,600 CFM
200 FT MAX DUCT



- Excellent start-up in cold weather
- Reliable Tiger Loop fuel aeration
- Standard pre-heated oil filter
- 1 or 3 phase power compatibility
- Available with or without 443L fuel tank



The ID800T is rock solid. Unbeatable uptime along with great real-world efficiency make this diesel indirect hard to beat. Proven reliable start-ups in even the coldest climates.

SFT800

-  **DIESEL**
-  **800,000 BTU**
-  **13,600 CFM**
-  **200 FT MAX DUCT**



- Excellent start-up in cold weather
- 12kW genset with low RPM motor
- Deep sump oil reservoir
- Positive air and emergency shut-off
- Standard fuel light beacon

 *Featuring our rock-solid ID800 platform, the SFT800 is proven ultra-reliable even in the harshest of climates including the Northern Alberta oil sands. Outstanding uptime and amazing heat output.*

ID400

-  **DIESEL**
-  **400,000 BTU**
-  **4,300 CFM**
-  **100 FT MAX DUCT**



- Quiet and efficient
- Outstanding heat rise
- Excellent start-up in cold weather
- Standard pre-heated oil filter
- Easy access to slide-out burner

 *If you need more heat out of your diesel 400, the ID400 may be your solution. With Sure Flame's exclusive combustion technology, this heater will impress with its efficiency and heat rise.*



ID300

DIESEL 
300,000 BTU 
2,530 CFM 
75 FT MAX DUCT 

- Simple to operate
- Standard pre-heated fuel filter
- 16 hrs of run time per tank (134L)
- Operates on 120V outlet
- Convenient fuel level indicator



The ID300 is a great, cost-effective solution when reliable dry heat is the goal. This medium duty indirect features a preheated fuel filter, simple controls, and a large integrated fuel tank.



ID100

DIESEL 
100,000 BTU 
1,020 CFM 
25 FT MAX DUCT 

- Simple to operate
- 21 hrs of run time per tank (65L)
- Electronic flame control
- Operates on 120V outlet
- Convenient fuel level indicator



Like the ID300, the ID100 is a cost-effective solution when reliable dry heat is the goal. This small duty indirect features a preheated fuel filter, simple controls, and a large integrated fuel tank.

DIRECT HEATERS

Sure Flame has been manufacturing direct fired heaters for almost 60 years! When used properly, direct fired heaters are a safe, reliable, and very cost effective solution to your heating project. All Sure Flame heaters are CSA certified and test-fired to ensure maximum safety and performance.



BUILT TO LAST

Sure Flame heaters are built tough, featuring solid steel bodies, durable powder coated paint, and the best components available.



EXCEPTIONAL PERFORMANCE

Direct fired heaters are nearly 100% efficient, giving you the most heat for your money. Sure Flame directs have stood the test of time and are still the benchmark.







SIMPLE & RELIABLE

Sure Flame heaters are easy to operate and maintain. These heaters are renowned for their reliability and keep going year after year.



SE410



LPG/NG 
400,000 BTU 
4,500 CFM 
75 FT 

- No visible flame (Enclosed)
- Advanced combustion monitoring technology
- Can be safely ducted into most spaces
- Retractable handles make it easy to move
- Extremely safe to operate*



The efficiency of a direct fired heater combined with the safety of an indirect. The SE410 direct can be safely ducted up to 50 feet, all while keeping discharge air completely safe.

HOW A DUCTABLE DIRECT WORKS



* The SE410 can also be safely operated indoors with proper ventilation. Always follow the local and national gas code(s). Refer to product manual for more details.

S2200D

- 🔥 LPG/NG
- 🌊 2,250,000 BTU
- 🌀 12,000 CFM
- 📏 40 FT MAX DUCT



- Great for make-up air applications
- Ductable up to 40 feet (metal ducting)
- High efficiency impeller fan
- 1 or 3 phase power options
- Easy to read OLED display



The S2200D delivers a whopping 2.25 million BTU's and includes a 12,000 CFM rated fan, ductability of up to 40 ft, and a new cold-rated OLED display for real-time diagnostics.

S1500E

- 🔥 LPG/NG
- 🌊 1,500,000 BTU
- 🌀 7,000 CFM



- 2 stage High / Low operation for maximum efficiency
- Standard remote thermostat
- Low amp draw
- Stackable design
- High quality paint



Designed to withstand the rigours of an active jobsite, the S1500E features include a 2-stage gas valve (Hi/Lo), low amp electrical system, stackable design, and a remote thermostat.

SL11E



LPG/NG
1,000,000 BTU
7,000 CFM



- Legendary Sure Flame reliability
- Optional remote thermostat
- Low amp draw
- Stackable design
- High quality paint



The SL11E had similar features as the SL11E but is rated at 1 million BTU's (single stage only). The S1500E does not come standard with a remote thermostat (available as an option).

S400T



LPG/NG
400,000 BTU
2,000 CFM





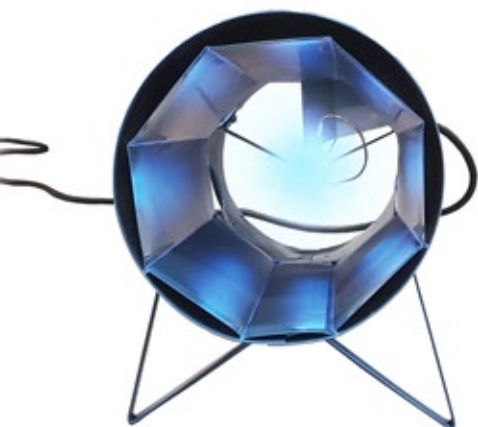
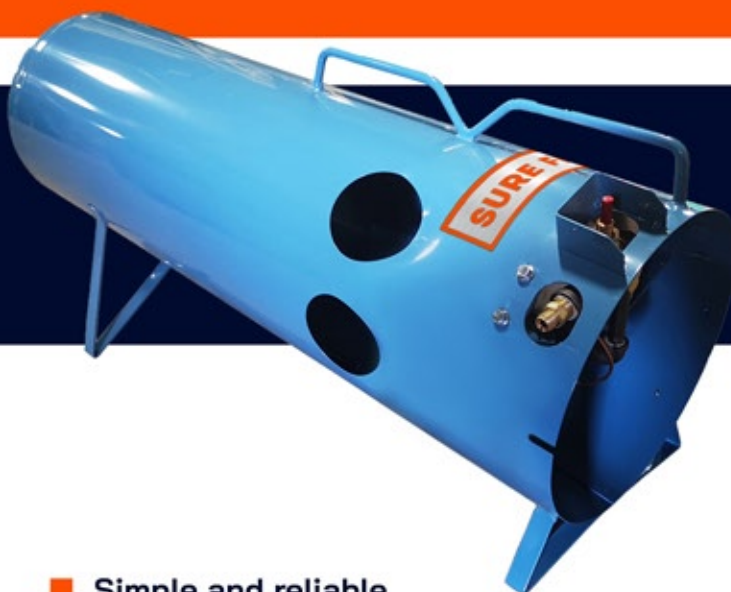
- Flexible dual mode - High/Low or On/Off
- Simple and extremely reliable
- Accurate thermostatic control
- High quality paint
- Optional rear wheel kit available



Safe, simple, and ultra-reliable, the S400T is the standard in this category. High quality manufacturing by an experienced team means this heater will perform for years to come.

S150




 **LPG**
 **150,000 BTU**
 **1,500 CFM**



- Simple and reliable
- No electricity required
- Includes regulator, POL, and 15 ft. hose
- Heavy duty steel body
- Optional bolt-on fan available (FN2)

 *The S150 comes standard with a regulator, POL fitting, and 15 feet of quality hose. For even better performance, add the FN2 bolt-on fan (1500 CFM). Power is required for the FN2.*

S100

 **LPG/NG**
 **100,000 BTU**
 **1,500 CFM**



- Durable all steel construction
- Light weight and portable
- Convenient carrying handle
- Quick change fuel selector (LPG/NG)
- Very quiet operation

 *The most compact dual fuel (NG/Propane) heater available. The S100 is super quiet and easy to move around with a convenient carrying handle right on the top.*

ST3 TORCH



LPG 
90,000 - 375,000 BTU 

- Durable steel head
- Ergonomic design
- Hand-built in Canada
- Superior quality and performance



Manufactured from high-quality components, this torch is great for many tasks on the job site, on the farm, or at home. Available with 10 feet of high-quality (CGA approved) hose, POL valve, and regulator.

ST2 TORCH



LPG 
50,000 - 200,000 BTU 

- Durable steel head
- Ergonomic design
- Hand-built in Canada
- Superior quality and performance



The ST2 is slightly smaller than the ST3 and uses less fuel -- a great choice if higher BTUs are not needed. Available with 10 feet of high-quality (CGA approved) hose, POL valve, and regulator.

FN42C

✕ 14,000 CFM
42" FAN BLADE



- Heavy duty steel shell
- Adjustable airflow settings (tilt)
- Built-in lifting hook
- Large pneumatic wheels
- All parts replaceable and stocked

🔥 *The FN42C is built Sure Flame tough. Perfect on the job site or in the shop, this heavy-duty fan is a workhorse designed to give you years of trouble-free service.*

FN20C

✕ 5,000 CFM
20" FAN BLADE



- Built to last decades
- Heavy duty steel shell
- Stackable design
- All parts replaceable and stocked
- High quality paint

🔥 *Tired of cheap, throwaway plastic fans? Sure Flame's FN20C is the epitome of a quality, long-lasting product. Hand-built in Canada by experienced professionals.*

UB12E



4,700 CFM 
12" FAN BLADE



- Explosion-proof blower / exhauster
- CSA approved for Class 1, Group D hazardous locations
- Ductable on both ends (12" diameter)
- Built in handles for easy relocation
- Durable steel shell



The UB12E is great for use in confined spaces or anywhere that flammable gases or vapors are a concern. Does NOT come with a plug on the cord and needs to be wired by a certified professional.

FN20E



5,000 CFM 
20" FAN BLADE



- 20 Inch fan with explosion-proof motor
- Heavy duty construction
- Stackable design
- High quality motor and components



Similar to the FN20C except the "E" version comes with an explosion-proof motor. The FN20E does not come with a power cord and needs to be wired by qualified professional.



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