

SAURUS HEATER / DRYER

INDIRECT - FIRED "MODEL 800" Specifications

Output*	800,000 BTU/ Hr
Blower*	11,000 CFM @ 1/2"SP
Fuel	NG & LPG or Oil
Efficiency	82% NG 85% LPG
Fuel Consumption**	800 CU. Ft NG/hr Max @ 5 - 100 PSI (typical 600 CU. Ft NG/hr) 8.8 Gal LPG/hr Max (typical 24 Litres LPG/hr) 5.8 Gal Oil/hr Max (typical 18 Litres Oil/hr)
Inlet Duct Size	2 X 24"
Outlet Duct Size	2 X 24"
Electrical***	40 Amp Breaker, 230 V single phase Optional 30 Amp Breaker, 208 V 3 phase
Dimensions	53"W X 72" L X 90"H.
Approx. Weight	1,800 lbs (820 KGs)
Preset Duct Temp Limit	Adjustable to 175 F (80 C)
Preset Upper Limit	240 F (115 C)
Preset Lower Limit	200 F (93 C)

* Measured at the end of Hot Air Duct

** Consumption will decrease as return air temperature rises and burner is cycled off.

Max consumption figures bases on continuous firing, followed by (typical operating values).

*** Single phase starting current typically 120 Amps, continuous running 23 Amps.



24" DUCT

DIFFUSER 24" t0 3 X 12"



REMOTE THERMOSTAT



DUCT
25' X 24"

DUCT
25' X 24"



FORKLIFT POCKETS



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DISTRIBUTION, SALES & SERVICE

SAURUS HEATERS INC.
1-888-215-1335

APPLICATION SUMMARY

LARGE BUILDINGS: Typical size 20,000 to 60,000 SQ.FT. per Model 800



Warehouse: 22,000 SQ. FT. 25 FT Ceiling
550,000 Cubic FT. (1 heater)

Warehouse: 550,000 SQ. FT. 28 FT Ceiling
9.8 Million Cubic FT. (6 heaters)

GROUND THAW: Typical size 10,000 SQ. FT. per Model 800



24,000 SQ. FT.
3 ' to 4' of Frost in 12 to 14 days (2 heaters)



TRENCH
200' X 10'W X 6'D
3' of Frost in 4 days

Heater in middle
1 Supply 1 Return
each way



SPECIAL PROJECTS:



Underground 45,000 SQ. FT. (1 heater)



45,000 SQ FT X 6 Floors + Underground
No-vented with CO monitoring (7 heaters)

Make / Model	Published				Total Fuel LPG/Hr	Replacement Factor
	BTU*1000	°F	CFM*1000	LPG/Hr		
Saurus 800	800 *	175	11	24	24	1
ICE OHV 350	350	220	2.5	11	55	5
ICE OHV 500	450	220	3.0	14	56	4
ICE OHV 700	630	220	4.3	23	69	3
Wacker Cub 700	576	200	7.7	23	69	3
Thermobile IMAC 2000	630	167	6.5	23	69	3
DryAir Boiler 1.2 M	900		5.0**	46	92	2
SureFlame 1 M			5.0	45	180	4

SAURUS 800
PROVEN FUEL
REDUCTION



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* Delivered heat measured at the end of 50' of duct. ** Air flow depends on number of air units.