



1. HEAVY 14 GAUGE CONSTRUCTION
2. STAINLESS STEEL BURNER ASSEMBLY - COMPLETE COMBUSTION
3. ENCLOSED SOLENOID VALVE
4. 120 VOLT
5. HEAVY DUTY METAL PROP
6. TOTALLY ENCLOSED FAN-COOLED MOTOR
7. EASY PORTABILITY



**Intertek**

*Design certified by  
ANSI Z83.7:2017Ed.3*

## SUN 250 SPECIFICATIONS

OUTPUT	FUEL	MANIFOLD PRESSURE	GAS CONSUMPTION	FAN	PERFORMANCE	THERMOSTAT	GAS CONNECTION	DIMENSIONS	WEIGHT
250,000 BTUs/HR	PROPANE / NATURAL GAS	1" W.C.	2.73 GAL. OF PROPANE/HOUR	LAU 16" 4 BLADE PROPELLER-ROTATION C.C.W	260 DEGREE TEMP RISE	CONTROL RANGE 35-110 DEGREES FARENHEIT	1/2" N.P.T.	LENGTH 40" WIDTH 27" HEIGHT 29"	150 LBS.

ELECTRICAL: G.E. 1/2 HP MOTOR TYPE DP 60 HZ 120 VOLTS 13.4 AMPS 3450 RPM 1 PHASE ROTATION C.C.W. OVERLOAD AUTO

## CONTROLS

Air proving switch to ensure that sufficient pressure is developed by the fan to provide adequate air for combustion. In the event pressure is not proved, the gas supply is shut down. Electronic flame safe-guard system with 15 second trial for ignition, and a 3-second pre-purge. In the event flame is not established, there is a .8 second retrial for ignition; followed by complete shutdown if flame failure occurs again. High temperature limit (140 degrees) will shut down the gas automatically in the event of excessive heat.

## APPLICATION

This heater is suitable for all heating applications, including high rise construction, particularly hotels and office complexes, concrete curing, wet trade finishing, painting, frost removal, fire-proofing, and creature comfort.

These heaters offer a considerable fuel savings because of the efficiency of the design as well as being thermostatically controlled. They are designed and built by Flame Fabrication to meet rigid ANSI Z83.7:2017Ed.3 standards and are certified by ETL to that design. All service and maintenance are performed by qualified factory trained personnel. All SUNDOG heaters are equipped with wheels for easy portability.

