

# INOV8

economic alternative fuel options



Model S200



Control No. 3120734

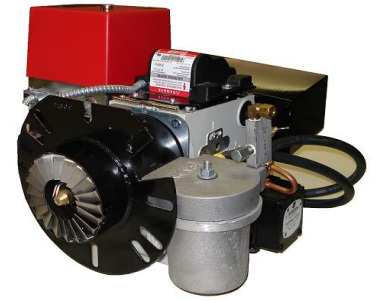
## multi fuel burner—model S200

With the ONLY stand-alone burner "listing" in the industry, this burner can be paired with any other "listed" heating appliance for a completely safety approved system. The UL296 listing is for fuel oils from #2 up to #6. When used on an INOV8 approved heater it is also listed to U.S. and Canadian standards for burning waste oil. Two sizes cover a full range of BTUs from 100,000 to one million.



Uncompromised engineering specifically designed for the challenges of burning waste oils in a safe, clean and reliable manner. INOV8 offers four key advantages:

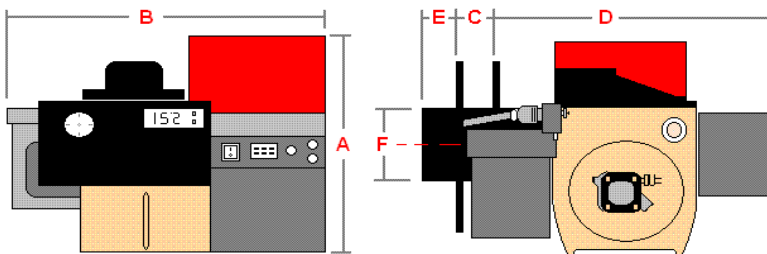
1. **Clean combustion**—done with higher oil preheat temperature, filtering of hot oil, higher oil & air pressure, patented needle valve & vapor elimination. This produces uncompromised clean combustion for our environment.
2. **Flexibility of Fuels**—Burn nearly any viscosity or flash point oil. No need to separate or dilute. This burner is tested and listed to burn up to #6 fuel oil. A digital LED temperature control allows easy on-site adjustment to accommodate various types of petroleum and vegetable-based oil.
3. **Low Operating Costs**—User friendly maintenance, no required annual factory maintenance, exchangeable parts, easy instructions, full factory support.
4. **Safety**—Recently re-certified to latest safety standards in the United States & Canada by Intertek ETL-Semko. Look for the ETL logo for quality & assurance of safety. Fireye flame control provides unmatched safety with seven electronic checks not available on any other burner in our industry. See list below.



## Models S200 & S700 Specifications

### Specifications

Dimensions in inches



Model	A	B	C	D	E	F
S200	12	16	N/A	14 1/2	2	4 1/2
S700	17	21	5 3/4	17	2 3/4	5

Description	S200	S700
Input BTU ( x1000)	125 to 650	700 to 1.1 M
Fuel usage, GPH	.84 to 4.6	5.0 to 7.2
Weight, LBS	50	72
Electrical requirement: volts / amps / frequency	120 / 10 / 60	120 / 16 / 60
Air requirements: cfm / psig	2.0 / 30	3.0 / 50
Burner motor, hp / rpm	1/5 / 3450	1/3 / 3450
Fireye industrial rated flame safety control, includes UV flame sensor, 90 second pre-purge, safe start, 10 second trial-for-ignition, 3-second flame failure, shut-off, main flame trial-for-ignition	Yes	Yes
Convenience Controls		
Automatic restart	Yes	Yes
Automatic nozzle cleanout	Yes	Yes
Ignition test switch	Yes	Yes
Dirty filter indicator light	Yes	Yes
Hour Meter	Yes	Yes
Adjustable Digital LED preheater control	Yes	Yes
Air regulator with filter & water separator	Yes	Yes
Heater on/off switch	Yes	Yes

The warranty provides two years on parts (in second year this excludes shipping and wear parts such as nozzle, filter, pump). See full warranty for details.

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INOV8 Burners matched to furnaces, boilers, water heaters & evaporators provide unlimited economic options for disposing of waste safely & cleanly.



### INOV8 Multi-fuel Furnaces

Get free heat with available waste oils. The unique design prevents typical industry problems. High efficiency, safe operation, clean burning & low maintenance are hallmarks of INOV8 furnaces.



### Buderus with INOV8 Burner

Available since 1992, this combination has been used widely in North America and England providing low cost energy efficient hot water heating. Sizes range from 120,000 to 1,050,000 BTUH.



### Vegetable Oil Boiler

INOV8's vegetable oil boilers are designed for the efficient combustion of vegetable oils and sized for restaurant hot water and/or heating requirements.



### INOV8 / Triad Water Heater

This small foot print boiler also comes with a domestic hot water coil, hydronic pump and all controls. Either INOV8 burner provides fuel options never before available.



### INOV8 Evaporators

Eliminate wastewater disposal costs along with your waste oils and high energy costs. The evaporators come with controls for safe operation, provide flexibility of fuels, and fully automatic method of eliminating waste waters.