

INOV8

safe economic clean



When using INOV8 S200

Multi Fuel Waste Water Evaporator

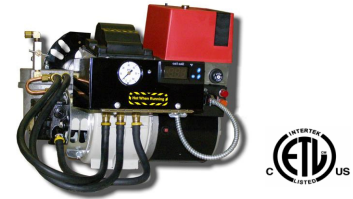
INOV8 evaporators provide the most economic means for disposing of waste water. Competitor evaporators are fueled by natural gas or electricity. INOV8's evaporator can be fueled by any available fuel including waste petroleum oil, natural or propane gas, or a combination. INOV8's patent-pending burner even allows the use of watery oil as a fuel. With the safety package the evaporator has the same SAFE, CLEAN and RELIABLE features as all INOV8 products.

INOV8

EV 20, 40 & 60

Uncompromised Engineering has overcome the challenges of economically and safely reducing waste water. Rather than using expensive conventional energy like electric or gas to fuel the evaporation of waste water, the INOV8 evaporator allows the use of any available waste oil as fuel. Both burners shown at right offer four key advantages:

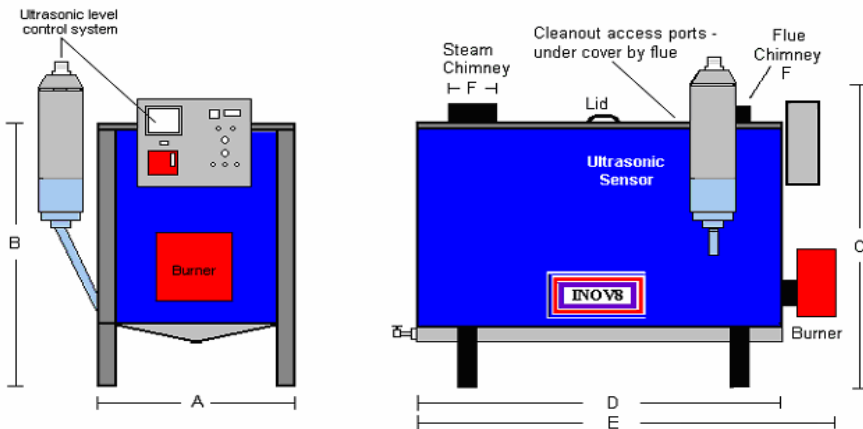
- **Economy**—Users claim savings equal to the cost of the equipment within a few months of purchase. By using waste oil as fuel rather than paying to dispose of it, the evaporator provides a closed loop in disposal costs. The dual-fuel burner also can utilize water-based coolants when burned with natural gas.
- **Clean combustion** meets EPA requirements for clean burning and UL296A safety and emission standards. That is accomplished with a higher oil preheat temperature by filtering heated oil, higher oil & air pressure, a needle valve and vapor elimination.
- **Safety**—All INOV8 burners utilize a Fireeye flame control that provides unmatched safety with seven electronic checks. The Ultrasonic level control accurately maintains the fluid level to ensure the system doesn't overflow or run dry. Finally a Watlow high temperature control provides high temperature limit by sensing the temperature inside the water bath.
- **Convenience controls**—This includes power & fuel mode selection switches, convenient fuse & circuit breakers, hour meter, operation lights and a digital LED oil temperature control.



INOV8 model S200 (above) & Dual-fuel Model G200 (below)



Evaporator Specifications



Dimensions	Width (A)	Height (B)	Height (C)	Length (D)	Length with Burner	Flue & Steam Chimneys (F)
Model INOV8 EV 20	42"	48"	53"	38"	52-1/2"	8" 8"
Model INOV8 EV 40	42"	48"	53"	74"	88-1/2"	8" 8"
Model INOV8 EV 60	42"	48"	53"	112"	126-1/2"	10" 10"

Waste water evaporation is the most economic and environmentally safe method to reduce or dispose of dirty water. This process is also favorable to separate liquids having different specific gravities or to remove moisture and precipitate out of solids. Wastes generated from machine coolants, mop water, marine bilge water, wash solutions, process waters and/or rinse solutions are all examples of wastes being reduced in INOV8 evaporator systems. Oil entrained in water can be recovered and used to fuel the burner.

The optional Dual-fuel Burners give unlimited fuel options with the convenience of natural gas or propane as a ready backup. Water laden oil can also be used in this burner for complete "closed-loop" disposal.

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Standard Specifications

Standard Burner	Model S200 Multi-fuel
Tank Material	10 gauge 304 stainless steel
Combustion Chamber	10 gauge 304 stainless steel
Outer Shell Material	18 gauge powder coat finish
Tank Bottom Design	V shaped to collect sludge
Tank Insulation	4" of single fiberglass
Cleanout Port(s)	Full access to combustion chamber & flue passages
Inlet & Outlet Ports	3/4" NPT with fill pipe
Electrical	120 volt, 20 amp, 60 hertz
Air requirements, cfm/psig	2.0 cfm & up to 50 psig
Burner motor, hp & rpm	1/5 & 3450
Fireeye 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

Evaporator Tank Specifications

Evaporator Model	EV20	EV40	EV60
Evaporation Rate	20 gph	40 gph	60 gph
Tank Capacity	150	250	350
Weight	900	1200	1500