



economic alternative fuel options



Control No. 3120734

multi-fuel waste water evaporator

INOV8 evaporators provide the most economic means for disposing of waste water. INOV8's evaporator can be fueled by any available fuel including fuel oil, diesel, jet fuel, waste motor oil, natural or propane gas, or a combination. INOV8's gas-oil combination burner even allows the use of watery oil as a fuel. The ultra-sonic level sensor automatically maintains liquid levels and the stainless steel construction provides years of reliable , energy efficient waste water disposal.

INOV8

Uncompromised Engineering has overcome the challenges of economically and safely reducing waste water. Rather than using expensive conventional energy like electricity to fuel the evaporation of waste water, the INOV8 evaporator allows the use of any available fuel. The stainless steel construction combined with INOV8 burners and ultra-sonic fluid level sensing provides four key advantages:

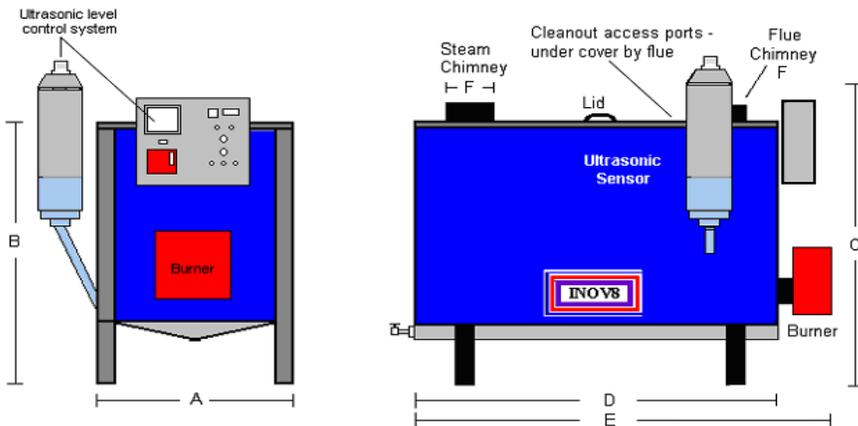
- **Economy**—Users claim savings equal to the cost of the equipment within a few months of purchase. By using waste oil as fuel rather than paying to dispose of it, the evaporator provides a closed loop in disposal costs. The dual-fuel burner also can utilize water-based coolants when burned with gas.
- **Clean combustion** meets EPA requirements for clean burning and US and Canadian safety standards. That is accomplished with engineered combustion systems.
- **Safety**—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**—A control panel contains operating controls, 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.

INOV8's gas-oil burners with automatic switching between fuels 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.

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

* Needed only if burning waste oil