

CONTINUOUS EFFLUENT DECONTAMINATION SYSTEM

up to 92,500 gal/day (350,000 l/day)...
& more



Effluent: **Water-like**
Recommended daily operation for dimensioning:
16 hours per day



Utilities: **Electricity or Steam**
Integrated energy recovery system



Technology: **All-welded tubular exchanger**

Very compact design
(for example, less than 9 sqm to treat 26,400 gal/day
i.e. 100,000 l/day)

MODELS	HOURLY FLOW RATES gallon / liter	DAILY CAPACITIES gallon / liter	UTILITIES
FDS-500	130 gal / 500 l	660 to 2,100 gal / 2,500 to 8,000 l	Electricity - Actijoule®
FDS-1000	260 gal / 1,000 l	1,300 to 4,200 gal / 5,000 to 16,000 l	Steam - Tube in Tube
FDS-3000	790 gal / 3,000 l	4,000 to 12,700 gal / 15,000 to 48,000 l	Steam - Tube in Tube
FDS-6000	1,600 gal / 6,000 l	7,900 to 25,400 gal / 30,000 to 96,000 l	Steam - Tube in Tube
FDS-12000	3,200 gal / 12,000 l	15,800 to 50,700 gal / 60,000 to 192,000 l	Steam - Tube in Tube
FDS ^{PLUS}	Designed as per needs	Over 50,200 gal / Over 190,000 l	Steam - Tube in Tube

Design

- All-welded tubular design to avoid any risk of leakage and cross-contamination
- Choice of the construction materials based on the aggressiveness of the agents present in the effluent (high chloride resistant)

Operation

- Redundant control of the decontamination parameters
- PLC-controlled cycles and records
- Automatic self-sanitation cycle

FDS MODEL

Patent: US6496649

