

SUBMERGED BURNER
EVAPORATION TECHNOLOGY

EVAPODRY EVAPORATORS

THE DIRECT CONTACT OF HEATED GASSES WITH LIQUID
ACHIEVES 98%+ ENERGY EFFICIENCY AND UP TO 25%
SAVINGS IN FUEL COST



“ WITH OPERATING EFFICIENCY AS THE TOP PRIORITY, THE EVAPODRY DESIGN DELIVERS UP TO 25% SAVINGS IN ENERGY COST WHEN COMPARED TO SERPENTINE TUBE AND HOT PLATE EVAPORATORS. ”

SYSTEM FEATURES

304SS OR 316SS CONSTRUCTION
SUBMERGED BURNER TECHNOLOGY
LPG, NATURAL GAS & DIGESTER FUEL SOURCES
PROCESS RATES FROM 15-1000GPH
PLC CONTROLS
LOW/HIGH GAS PRESSURE SAFETY SWITCH
LOW/HIGH LIQUID LEVEL SAFETY SWITCH
10 MICRON MIST SCRUBBER

OPERATIONAL BENEFITS

98%+ ENERGY EFFICIENCY RATING
FUEL REDUCTION UP TO 25%
LOW GAS PRESSURE REQUIREMENTS (5-7 PSI)
EVAPORATION ACHIEVED AT 180°-186°F

INDUSTRIES & APPLICATIONS

LANDFILL LEACHATE	INK-BASED WATER
OILY WASTEWATER	RINSE WATER
BRINE WATER	PROCESS WATER
RO REJECT WATER	

REQUEST A QUOTE

678.514.2100 or 888.326.2020
11800 Wills Rd, Suite 100 Alpharetta, GA 30009
www.EcologixSystems.com





EVAPODRY FEATURES

1. THERMAL JET BURNER
2. COMBUSTION TUBE
3. GAS SUPPLY
4. COMBUSTION AIR
5. LEVEL CONTROLS
6. CONTROL PANEL
7. COMBUSTION BLOWER
8. GAS TRAIN
9. VAPOR EXHAUST OUTLET
10. MIST ELIMINATOR PAD
11. 304SS VESSEL
12. TANK DRAIN
13. LFG COOLER
14. BOOSTER BLOWER
15. MOISTURE KNOCKOUT
16. FLAME ARRESTER

OPTIONAL FEATURES

CORROSION RESISTANCE PACKAGE

SOLIDS AUGER

INTERNAL OIL SKIMMER

* ASK FOR MORE DETAILS ON THESE OPTIONS

EVAPODRY SPECIFICATIONS

MODEL/GPH	ED-15	ED-25	ED-40	ED-50	ED-100	ED-200	ED-300	ED-500	ED-1000
BTU'S/HR	150,000	250,000	400,000	500,000	1M	2M	3M	5M	10M
EXHAUST STACK DIA.	8"	10"	12"	14"	20"	30"	36"	48"	60"
GAS PIPE SIZE (NATURAL)	3/4"	3/4"	3/4"	1"	1"	1 1/2"	2"	2"	3"
GAS PIPE SIZE (LFG)	N/A	N/A	N/A	N/A	2"	4"	4"	6"	6"
FEED PUMP PIPE SIZE	3/4"	3/4"	3/4"	3/4"	1"	1"	1"	1"	1 1/2"
FEED PUMP GPM (MIN)	0.33	0.67	1	1.67	3.33	6.67	10	16.67	33.33
DRAIN PIPE SIZE	2"	2"	2"	2"	4"	4"	4"	6"	8"
COMBUSTION BLOWER HP	0.39	0.95	1.15	1.15	7.5	7.5	15	15	20
ANTI-FOAM MOTOR HP	1	1	1	1	1	1.5	1.5	1.5	3
AUGER DRAG-OUT MOTOR HP	3/4	3/4	3/4	3/4	1	1	1	1	1.2
BOOSTER BLOWER MOTOR HP	N/A	N/A	N/A	N/A	5	7.5	10	15	20