

Ecologix ED-300 Evaporator System – 300 GPH

Mfg: Ecologix Environmental Systems

Model: ED-300

Stock No: CLNM01.105

Serial No:

Ecologix ED300 Evaporator, natural gas fired, 3-phase power, 6 years old, in excellent condition and rated at 300 gallons per hour. Has an oil skimmer, sludge auger, auto fill, and is completely automatic. The EvapoDry Evaporator employs a submerged, low temperature burner to evaporate solutions at approximately 180 degrees to 186 degrees Fahrenheit, eliminating the vaporization of heavy metals and the organic breakdown of most solids. Precipitated solids are removed from the evaporator tank bottom with our unique hands off, user friendly conveyor system. EvaporDry systems efficiently evaporate wastewater and auger out the settled solids buildup from the evaporator tank bottom. A submerged burner tube fires below the solution level, which achieves 95% +energy efficiency. The hot gas contact with the liquid creates almost instantaneous vapor while the combustion gasses rapidly mix the liquid for even heat distribution. Extensive testing has proven that submerged combustion can save as much as 25% in energy costs, compared to serpentine tubes and hot plates. The uniqueness of the EvapoDry lies in the cylindrical, cone-bottomed solution tank. A drain port affixed to the cone allows for easy removal of any solids build up which will settle in the cone. BTU/HR: 3,000,000. Exhaust Stack Dia.: 36 in. Gas pipe size (natural): 2 in. Gas pipe size (LFG): 4 in. Feed pump: 10 GPM, 1 in. Drain: 4 in. Combustion blower motor: 15 HP. Anti-foam motor: 1.5 HP. Auger discharge: 1HP. Booster blower: 10HP. (ACN900)





