

MECO Distilling Unit

Mfg: MECO

Model: BEE 800 MSS

Stock No. DSMK001.50

Serial No. 3599

MECO Distilling Unit. Model: BEE 800 MSS. S/N: 3599. 304 SS tubes. Capacity: 13.33 gpm (800 gph). Feed rate: 16 gpm @ 30 to 35 psig. Blow down rate: 2.7 gpm. Distillate rate: 13.3 gpm. Electrical requirements: 460 V, 60 Hz, 3 phase. MECO Centurbo Compressor, Model: B2-800MSS, S/N: 2042SS, compressor run time: 5938.4 hrs, compressor rpm: 13920. U.S. Motor, 50 hp, 3550 rpm, 230/460 V, 126/63 amps, 60 Hz, 3 phase. The MECO Electric Evaporator is a self-contained portable distillation unit that produces distilled water. The unit includes a vapor compressor, evaporator, distillate/blow down pumps, distillate/feed blow down cooler, and a decarbonator. Previously owned and operated by Poland Springs Water. Overall dimensions: 10 ft. L x 90 in. W x 9 ft. 10 in. H. Vertical Tube Evaporator: 48 in. dia. x 8 ft. 10 in. H. Immersion Heater Tank- 30 Gallons. (4) MECO heater tubes. Blow down Heat Exchanger with (61) 51-1/2 in. L x 16 in. W stainless steel plates, heating surface area: approx. 343.3 sq. ft. (2) Centrifugal pumps. The Meco Evaporator it is designed to make 13 GPM of water. This is 6667 pounds per hour. It will require about 800 pounds per hour of steam for preheating the feed water.

Click here for more information:

http://www.mecobiopharm.com/products/vapor_compression_stills/how_it_works.php?id=1





