



## **Series B Demonstration Unit**

V ✦ SEP Series B Machine Specifications (9/10/10)

### **Operating Conditions:**

Equipment Rating: Nema 4, Indoor-Outdoor protected from sunlight and rain.

Operating Ambient Temperature Limits: 0-40°C

Storage Temperature: -20°C - 60°C

Relative Humidity: 90% or less, non-condensing

Elevation: 3300 ft. (1006 M), without derating.

### **Filter Pack:**

Membrane Area: 0.12 sq. ft.

Maximum Operating pressure: 150psi

Maximum Shear Rate: 150,000 Inverse Seconds

Wetted Materials: 316 Stainless Steel, Polypropylene, EPDM

### **Vibration System:**

Drive Bearings: MORSE SEALMASTER SF12

Vibration Motor: BALDOR MVM3460C, ½ HP 3450RPM, 208-240 VAC 3 phase

Vibration Motor Control: AC TECH SMVector NEMA 4X

### **Feed System:**

Pump: MTH PUMPS E41· T41 ½ HP 4.7 GPM @ 60 ft

Feed Pump Motor Control: Allen Bradley 1ph Contactor 100-C23D10

### **Instruments:**

Pressure Gauges: 1 on Process Outlet WIKA 233.54

### **Electrical Power Requirements: Standard Unit**

½ HP Vibration Motor, ½ HP Pump,

120VAC controls Voltage: 110 VAC 1 phase

Normal Full Load Operating Current: 12-15 amps

Power Cord: 8 Ft long with a Nema 5-15P plug Required

Receptacle: Nema 5-15R 15 amp circuit recommended

### **System Size and Weight:**

Overall Dimensions: 12.5" w x 15.25" d x 40" h

Shipping Weight: 600lbs. (270 kg) approximate