

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