

APV Paravap Skid Mounted Plate Evaporator R-56

Mfg: APV

Model: R-56

Stock No.: HDNC001

Serial No.: 1290-7400

APV Paravap Skid Mounted Plate Evaporator. Model: R-56. S/N: 1290-7400. Number of plates: 40. Heat transfer surface area: approx. 215 sq. ft. Inlets/outlets: (4) 4 in. dia. flanged port. Stainless Steel Vertical Separator-250 gallon. Inside straight wall dimensions: 36 in. dia. x 58 in. H. Manway with cover diameter: 18 in. (2) 4 in. dia. sight glasses. Inlets: (1) 4 in. dia. flanged port. Outlets: (1) 3 in. dia. S-line fitting.

Waukesha Positive Displacement Pump. Model: 30. S/N: 15372. Drive. Dayton Industrial Motor, 3 hp, 1760 rpm, 230/460 V, 9.4/4.7 amps, 60 Hz, 3 phase. Inlets/outlets: (2) 1-1/2 in. dia. S-line fittings.

Moyno Progressing Cavity Positive Displacement Pump. APG Dodge Drive, ratio: 6.2, rpm out: 283 (final), torque: 2441 lb-in. Reliance Electric Motor, 3 hp, 1755 rpm, 230/460 V, 7.6/3.8 amps, 60 Hz, 3 phase. Inlets: (1) 3 in. dia. flanged port. Outlets: (1) 4 in. dia. FNPT.

Sihi Liquid Ring Vacuum Pump. Reliance Electric Motor, 3 hp, 1755 rpm, 230/460 V, 7.6/3.8 amps, 60 Hz, 3 phase. Inlets/outlets: (2) 2 in. dia. FNPT.

Stainless Steel Balance Tank- 75 Gallon. Inlets: (5) 2 in. dia. S-line fittings, (1) 1-1/2 in. dia. FNPT. Outlets: (1) 3 in. dia. S-line fittings.

Koltek 3-Way Valve. Inlets/outlets: (3) 2 in. dia. S-line fittings.

This unit has been designed to run high viscosity products. The evaporation rate is somewhat variable depending on the conditions run but should do 3,000 to 5,000 lbs water/hr. Typical pressure ratings are 100 – 150 psi. with some vessels being rated for full vacuum. All product contact surfaces are food grade polished 316 SS. This complete system would make an ideal evaporation system to do small quantities of highly valuable product or to be used as a finisher. Overall dimensions: 12 ft. 2 in. L x 6 ft. 2 in. W. 10 ft. H.







