

APV Single Effect Titanium Paravap Plate Evaporator

Mfg: APV

Model:

Stock No. OI182.

Serial No.

APV Single Effect Titanium Paravap Plate Evaporator. This unit has been designed to run high viscosity products or very low ph products . The evaporation rate is somewhat variable depending on the conditions run. All product contact surfaces are Titanium and the heating surface area is approximately 325 square feet. It has an APV Finisher V-L Separator- 150 Gallon. Model: VL 240.000. W.O. No: 12023. This complete system would make an ideal finisher, test evaporator, a pilot plant evaporation system or an evaporation system to do small quantities of highly valuable or low ph product.

(30) Titanium plates. Heating surface area: approx. 322.5 sq. ft. Inlets: (2) 6 in. dia. ports with 11 in. dia. flanges and (4) 3/4 in. dia. thru-holes at a center-to-center distance of 3-1/2 in., each. Outlets: (2) 6 in. dia. ports with 11 in. dia. flanges and (4) 3/4 in. dia. thru-holes at a center-to-center distance of 3-1/2 in., each. Overall dimensions: 49 in. L x 29 in. W x 83 in. H.

APV Finisher V-L Separator- 150 Gallon. Model: VL 240.000. W.O. No: 12023. Operating pressure @ 180 °F (vacuum): 27 in. Hg. Design pressure @ 210 °F (vacuum): 30 in. Hg. Test pressure @ 70 °F (vacuum): 27 in. Hg. Inlets: (1) 6-1/2 in. dia. concentrate+vapor port with an 11 in. dia. flange and (8) 3/4 in. dia. thru-holes at a center-to-center distance of 3-3/4 in. Outlets: (1) 3/4 in. dia. NPT (female), (1) 3 in. dia. concentrate port with an 8 in. dia. flange and (4) 3/4 in. dia. thru-holes at a center-to-center distance of 3-1/4 in., (1) 4 in. dia. concentrate port with a 9 in. dia. flange and (8) 3/4 in. dia. thru-holes at a center-to-center distance of 2-3/4 in., (2) 4 in. dia. vapor ports each with 7-1/2 in. dia. flanges and (4) 3/8 in. dia. thru-holes at a center-to-center distance of 4-3/4 in., (1) 15-1/2 in. dia. vapor port with a 21 in. flange and (12) 3/4 in. dia. thru-holes at a center-to-center distance of 5 in. Overall dimensions: 42 in. L x 42 in. W x 11 ft. 9 in. H.



