

Paul Mueller Stainless Steel Falling Film Plate Chiller

Mfg: Paul Mueller

Model:

Stock No.: RBFM706.65

Serial No.: E-22977

Paul Mueller Stainless Steel Falling Film Plate Chiller. S/N: E-22977. National Board No. 12826. Cooling capacity: 84 tons. Refrigerant: recirculated ammonia. Brine flow rate: 420 gallons per minute. MAWP: 150 psi @ 100°F. Number of plates: (12) 8 ft. L. x 3 ft. 11 in. W. All 316L stainless steel construction with a 2B finish on interior and exterior surfaces. Features include: stainless steel legs with adjustable ball feet and a dimpled jacket. Doors are not included. Collecting tank: 500 gallons. Inside straight-wall dimensions: 8 ft. 4 in. L. x 4 ft. 8 in. W. x 1 ft. 9-1/4 in. H. Inlets: (2) 2 in dia. NPT fittings, (1) 1-1/2 in. dia. port, (1) 3 in. dia port, (1) 3-3/4 in. dia. S-line fittings. Outlets: (1) 4 in. dia S-line fittings. Overall dimensions: 8 ft. 8-1/2 in. L x 5 ft. 2 in. W x 7 ft. 3 in. H.(ACN567).

Engineering notes:

(10) plates with a refrigeration load of 70 tons using 5°F recirculated ammonia can cool 14,000 lbs. of ham (dimensions each: 15 in. L. x 8 in. dia. at 7.5 lbs. each) from 150°F to 40°F in 4.5 hours, or can cool 18,000 lbs. of pork bellies (dimensions each: 18 in. L. x 10 in. W. x up to 2.5 in. thick at 14lbs. each) from 128°F to 24°F in 2.5 hours, both processes using a 15°F brine (1:3 salt/water) solution, where the brine flow rate is 350 gallons per minute.





