

## Pilot Plant Alfa Laval Convap system

Mfg: Alfa Laval

Model:

Stock No. WAEQ02.

Serial No. HC2290NCN

Pilot Plant Alfa Laval Convap Evaporation System. Model: 6 x 3. S/N: HC2290NCN. Nominal capacity of water removal per hour: 121 lbs. Evaporator includes Magnetic Flow Tube: Model 8701TSAOISI, S/N 31413. Flow tube dia: 1 in. Max process temp: 350°F. Maximum power: 1 amp, 16 V, 16 watt. Scraped Surface Heat Exchanger: product chamber design pressure 450 psi, design temperature 315°F, MAWP: 450 psi, media chamber design pressure 225 psi. Century Motor, 5.0 hp, 60 Hz, 1,170 rpm, 230/460 V, 17 / 8.5 amps, 3 phase, final drive 412. The CONVAP (a modified CONTHERM) functions as a compact, scraped-surface evaporator. It is vertically mounted and particularly suited for concentrating viscous, sticky or heat sensitive products and is normally operated under vacuum conditions in the final evaporation stage to achieve very high concentrations of solids. Wide ranges of process stages include: heating, cooling, slush-freezing, pasteurization, sterilization and crystallization. The Contherm can operate with either steam, water, brine ammonia, glycol, R22, R12, thermal oil or liquid gases. Overall dimensions 7 ft. 8 in. L x 5 ft. 6 in. W x 8 ft. 1 in. H.



