

Alfa Laval Convap / Contherm 6x4

Mfg: Alfa Laval

Model: Convap / Contherm 6x4

Stock No: SHCA997.18

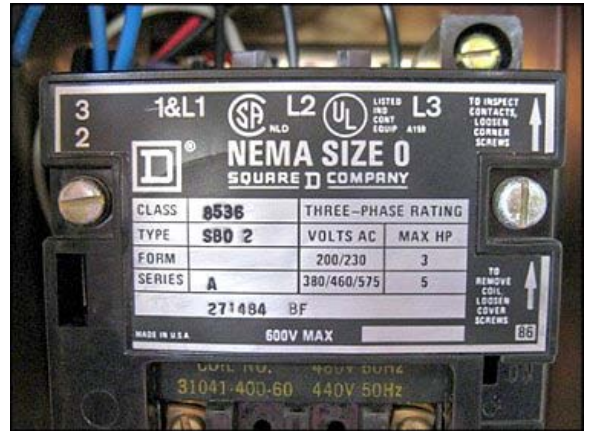
Serial No: 986NCC

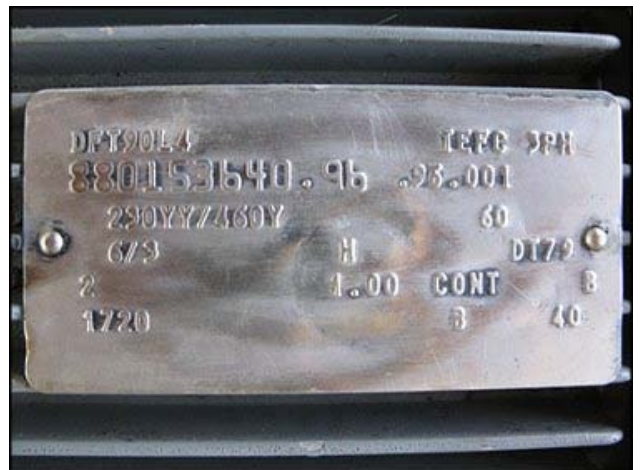
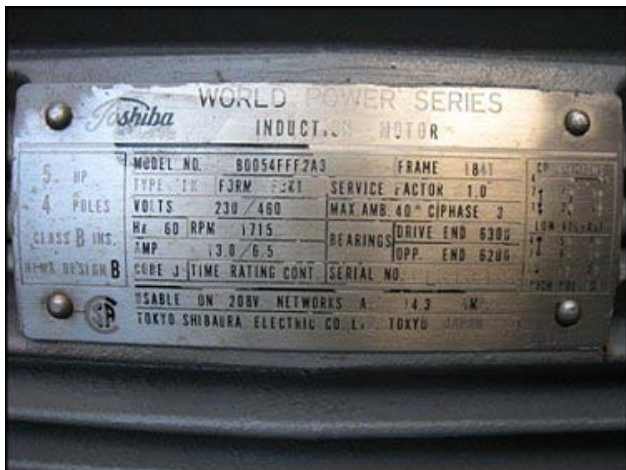
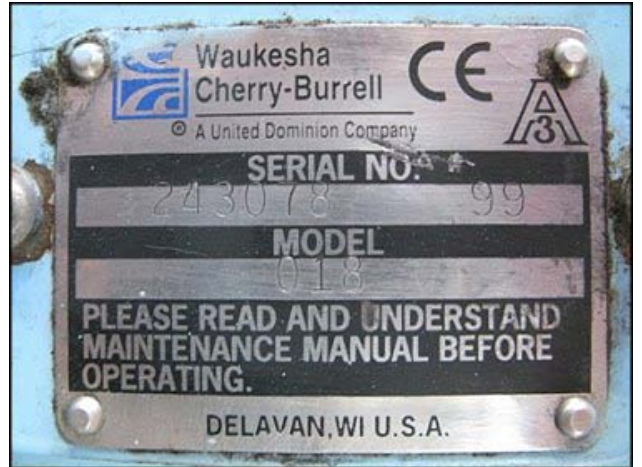
Alfa Laval Convap / Contherm. Model: 6 x 4. S/N: 986NCC. Heating surface area: 4 sq. ft. Approximate separator volume: 35 gallons. Inside separator dimensions: 2 ft. 11-5/8 in. straight wall x 1 ft. 4-1/2 in. dia. Overall separator length: 4ft. 9-1/4 in. Toshiba induction motor, 5 hp, 1715 ppm, 230/460 V, 13.0/6.5 A, 60 Hz, 3 Phase. Pulley dia: (1) 5-1/4 in. driver, (1) 1 ft. 5 in. driven. (2) Square D Starters. (1) Square D on/off control box. (1) SIHI liquid ring high performance vacuum pump. Model: LOHB 2704 BN 001 01 2. Serial no. 2894 151. Capacity: 27 in. Hg @ 25 cfm (using dry air). Westinghouse motor: 3 hp, 1730 rpm, 230/460 V, 9.4/4.7 A, 60 Hz, 3 Phase. (1) Waukesha positive displacement pump. Model no. 018. Serial no. 243078. Motor: 2 hp, 1720 rpm, 230/460 V, 6/3 A, 60 Hz, 3 Phase. (2) 3-1/2 in. rotors. Gear drive: 1720 rpm in, 254 final rpm, 6.78 Ratio. (1) American Standard shell and tube heat exchanger. Part no. 5-160-08-024-004. Approximate heating transfer surface area: 38 sq. ft. Pressure tested unit to 100 psi and passed. Inside shell: 105 tubes on each pass, total of 210 tubes. Inside dia. of tubes: 0.350 in. Tubes length: 2 ft. (1) Hydraulic pump with motor: 1/2 Hp, 1725 rpm, 230/460 V, 1.6/8 A, 60 Hz, 3 Phase. Inlets/outlets: (2) 3 in. S-line, (1) 1-1/2 in. inner dia. FNPT, (2) 2-5/8 in inner dia. FNPT, (1) 1/2 in. FNPT, (1) 1 in. FNPT, (1) 1-1/2 in. S-line, (1) 3 in. I-line. 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 steam, water, brine ammonia, glycol, R22, R12, thermal oil or liquid gases. Overall dimensions: 5 ft. 5 in. L x 4 ft. 5-1/4 in. W x 8 ft. 8 in. H.











GE	FRAC 3	POLE 60	TE	K	TYPE
3	MPM 1730	TIME HRS 24	INS. CL. B	INS. SH. B	INS. SH. B
SEN. FAC. 1.0	NEMA DES. B	FRAME 182 T	MAX. AMP. 40	MODEL SBFC	
VOLTS 230/460	USABLE ON 208				
ACPS 9.4/4.7	10.3		LOWER VOLTAGE LINE		
USER OR CATALOG NUMBER T12-3M/SBFC-GKB		NEMA NOM. EFF. 81.5			
MOTOR STYLE 773B646641					
DRIVE OR LOWER BRG. 30BC02JPP3		HIGHER VOLTAGE LINE			
SPP DRIVE OR UPPER BRG. 25BC02JPP3					

Westinghouse
Life-Line T **AC MOTOR**
ASSEMBLED IN MEXICO WITH U.S.A. PARTS 404P0250710 Westinghouse Electric Corporation

CONTROL STATION
 CLASS 900I TYPE KYC-6 SER. 5
 HEAVY DUTY 600 V AC MAX HF
SQUARE D COMPANY LISTED IND. CONT. EQ. 572 A
 MADE IN USA