

## 1997 FBR Elpo Aseptic Tubular Pasteurizer

Mfg: FBR Elpo

Model: MHB/1T

Stock No. CMT02.

Serial No.

1997 FBR Elpo Aseptic Tubular Pasteurizer. Model: MHB/1T. Includes a hopper 38 in. L x 38 in. W x 37 in. H, for raw product introduction. Product level is monitored by (2) SGM Probes. Product fed through hopper is mixed and pushed into the system by 4 paddles and an auger. Paddles are driven by: ABB Motor, 1,410/1,700 rpm, 380-420/220-240 V at 50 Hz, 440-480/250-280 V at 60 Hz and a Benzlers motor drive, 1:25 Gear Ratio. Auger is 4-1/2 in. dia. with a 4-1/2 in. pitch. The auger is driven by ABB Motor, Spaggiari Variable Speed Motor Drive, 38 rpm (n1), 200 rpm (n2), and Raccordia Pump, Model: MCRE 65-2/AA.SHXT00, S/N 13660 with water flush double mechanical seals. Product then passes through an FBR Elpo aseptic shear pump with 3 in. inlet/outlet and is driven by an ABB Motor, 940/940/1,140 rpm, 380-420/220-240/440-480 V, 50/50/60 Hz. After the shear pump, product is pumped through the heat exchanger by a Fabrica Italiana Product Pump, Model ALFA 50-26, S/N 970349, with water flush double mechanical seals, and 2 in. inlet and 3-1/2 in. outlet. Pump is driven by an ABB Motor, 960/960/1,160 rpm, 380-420/220-240/440-480 V, 50/50/60 Hz. Pasteurizing system consists of (6) Tube in tube heat exchangers. Inside tubes have 2 in. diameter and outer tubes have 3-1/2 in. dia. Tubes are 115 in. in long. Steam inlet is 1-1/2 in. NPT and is adjusted with a Spirax Sarco Pressure Regulator with a Steam Valve. Steam enters tubes through two steam headers and exits through two steam headers. Overall Dimensions: 193 in. L x 86-1/2 in. W x 98 in. H. Unit is in like new condition. Unit is in like new condition. Unit also features automatic flow divert valves and CIP operation. Controls include a chart recorder and CIP operation.









