

## AK Robins Screw Cooker

Mfg: AK Robins

Model:

Stock No. AARF008.18

Serial No.

AK Robins Screw Cooker. Stainless steel. Top hopper: 30 gallon with screw auger: 36 in L x 4 in diameter. Middle hopper: 20 gallon with screw auger: 48 in. L x 7 in. diameter. Cooking container: 100 gallon with (3) screw augers: 31 in. L x 16 in. diameter. (3) Steam jacket lines with (49) steam inlets: 3 in. threaded male openings. Discharge screw auger: 19-1/2 in L x 4-1/4 diameter. Discharge opening: 4-1/2 in. diameter pipe. Discharge height: 44 in. (3) Motors for the processing screws; (1) motor for discharge screw. Overall dimensions: 18 ft. 6 in. L x 32 in. W x 84 in. H.

1<sup>st</sup> US motor, 1 hp, 1750 rpm, 60 Hz, 208-230/460 V, 3.3-3.4/1.7 FLA, 3.8/1.4 SFA. Motor capacity; maximum rpm: 203.6, minimum rpm; 20.4, out put torque: 198. Sincro gear module; 21.0 ratio, out put torque: 900, with speed manual regulator. Varidrive module; max input: 2.0 at 1750 rpm, minimum rpm: 428, maximum rpm: 4275.

2<sup>nd</sup> Varidrive motor, 1/2 hp, 800 rpm, 3 phase, 60 cycles, Volts/Amps: 208/2.6, 220/2.5, 440/1.25, minimum rpm: 30.5, maximum rpm: 305, output torque: 85. Gear ratio: 14, Cont rating: 55.4.

3<sup>rd</sup> Varidrive motor, 1 hp, 1800 rpm, 3 phase, 60 cycles, Volts/Amps: 208/4.1, 220/4.0, 440/2.0, minimum rpm: 10.9, maximum rpm: 109. Gear ratio: 39.0, Cont rating: 55.0, output torque: 337.

4<sup>th</sup> Motor screw discharge, 1/2 hp, 1730 rpm, 208-230/460 V, 5.1-5.0/2.5 FLA, 60 Hz, 3 phase, maximum rpm: 4275, minimum rpm: 428. Motor drive, ratio: 2.0, torque: 54, speed manual regulator.









