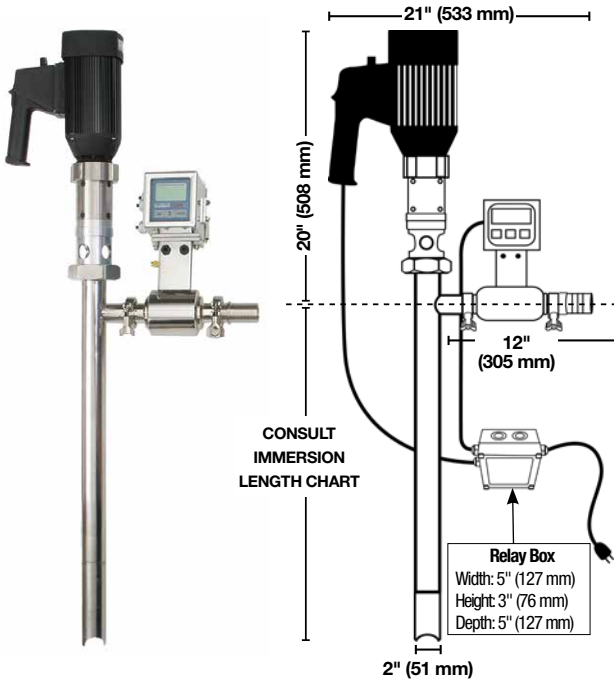


Sanitary Batch Control Systems | Electric Packages

ULTRA MAG BATCH CONTROL SYSTEM



Ultra Mag Batch Control System

MODEL	MOTOR / VOLTAGE	WETTED PARTS	MAX VISCOSITY CPS (mPAS)	IMMERSION LENGTH
8300	TEFC / 110-120V	SS316, Teflon, SiC	10,000	39" (1000 mm)
8301	TEFC / 220-240V	SS316, Teflon, SiC	10,000	39" (1000 mm)
8313	TEFC / 110-120V	SS316, Teflon, SiC	25,000	44" (1120 mm)
8314	TEFC / 220-240V	SS316, Teflon, SiC	25,000	44" (1120 mm)

Ultra Mag Batch Control System | Bag Liner Series

MODEL	MOTOR / VOLTAGE	WETTED PARTS	MAX VISCOSITY CPS (mPAS)	IMMERSION LENGTH
8300BL	TEFC / 110-120V	SS316, Teflon, SiC	10,000	39" (1000 mm)
8301BL	TEFC / 220-240V	SS316, Teflon, SiC	10,000	39" (1000 mm)
8313BL	TEFC / 110-120V	SS316, Teflon, SiC	25,000	44" (1120 mm)
8314BL	TEFC / 220-240V	SS316, Teflon, SiC	25,000	44" (1120 mm)

Technical Specifications

Design:..... Progressive Cavity / Positive Displacement
Immersion Length:..... 39" (1000 mm)
Wetted Components:..... SS316, PTFE & SiC
Pump Finish:..... 32 Ra
Motor Drive:..... TEFC (IP54), Variable Speed
Inlet/Discharge Size:..... 2" (51 mm) / 1.5" (38 mm)
Viscosity Range:
 P/N: 8300 (110v), 8301 (220v) 1-10,000 cps (mPAS)
 P/N: 8313 (110v), 8314 (220v)..... 10,000-25,000 cps (mPAS)
Maximum Discharge Pressure:
 P/N: 8300 (110v), 8301 (220v) 43 psi (3 bar) *based on water*
 P/N: 8313 (110v), 8314 (220v)..... 87 psi (6 bar) *based on water*
Maximum Flow Rate:
 P/N: 8300 (110v), 8301 (220v)..... 10 GPM (38 LPM) *based on water*
 P/N: 8313 (110v), 8314 (220v)..... 3 GPM (11,3 LPM) *based on water*

Duty Cycle:..... Intermittent (30 Min. Intervals)
System Weight:..... 54 lbs (24 Kg)
Maximum Temperature:..... 212° F (100° C)
Maximum Solid Size:..... .25" (6 mm)
Mechanical Seal:..... SiC / Viton® / SiC
Metering Principle:..... Full Bore Mag Flow Meter
Check Valve:..... 316 Stainless Steel
System Accuracy:..... +/- 0.2% of reading (+/- .5% Repeatability)
Conductivity:..... System requires 5 micro-semans (µS/cm) of conductivity
Bag Liner Series:..... Optional pump intake design available for applications with hygienic liners

STANDARD
Pump, Inc.

Note: Pump and meter are constructed with FDA compliant materials; however, the system does not have FDA certification.

