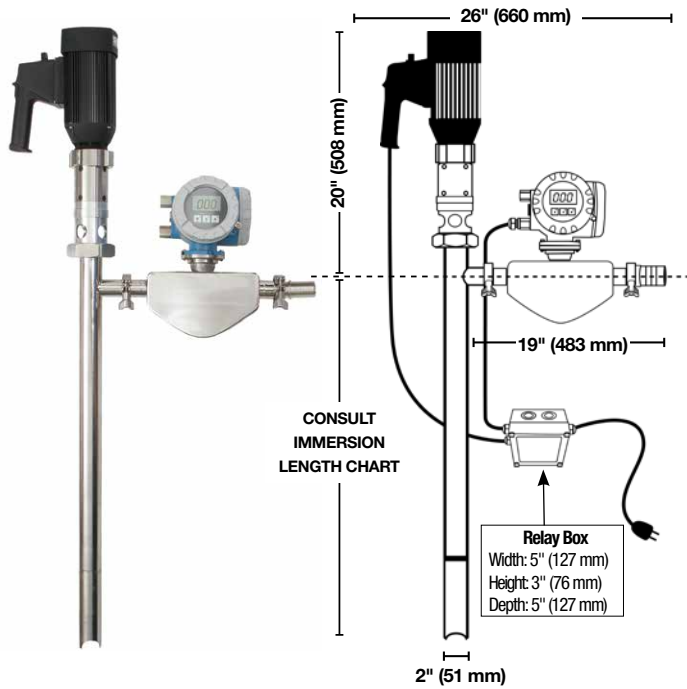


Sanitary Batch Control Systems | Electric Packages

ULTRA MASS BATCH CONTROL SYSTEM



Ultra Mass Batch Control System

MODEL	MOTOR / VOLTAGE	WETTED PARTS	MAX VISCOSITY CPS (mPAS)	IMMERSION LENGTH
8500	TEFC / 110-120V	SS316, Teflon, SiC	10,000	39" (1000 mm)
8501	TEFC / 220-240V	SS316, Teflon, SiC	10,000	39" (1000 mm)
8513	TEFC / 110-120V	SS316, Teflon, SiC	25,000	44" (1120 mm)
8514	TEFC / 220-240V	SS316, Teflon, SiC	25,000	44" (1120 mm)

Ultra Mass Batch Control System | Bag Liner Series

MODEL	MOTOR / VOLTAGE	WETTED PARTS	MAX VISCOSITY CPS (mPAS)	IMMERSION LENGTH
8500BL	TEFC / 110-120V	SS316, Teflon, SiC	10,000	39" (1000 mm)
8501BL	TEFC / 220-240V	SS316, Teflon, SiC	10,000	39" (1000 mm)
8513BL	TEFC / 110-120V	SS316, Teflon, SiC	25,000	44" (1120 mm)
8514BL	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: 8500 (110v), 8501 (220v) 1-10,000 cps (mPAS)
 P/N: 8513 (110v), 8514 (220v)..... 10,000-25,000 cps (mPAS)
Maximum Discharge Pressure:
 P/N: 8500 (110v), 8501 (220v) 43 psi (3 bar) *based on water*
 P/N: 8513 (110v), 8514 (220v)..... 87 psi (6 bar) *based on water*
Maximum Rate:
 P/N: 8500 (110v), 8501 (220v)..... 8 GPM (30,2 LPM) *based on water*
 P/N: 8513 (110v), 8514 (220v)..... 3 GPM (11,3 LPM) *based on water*

Duty Cycle: Intermittent (30 Min. Intervals)
System Weight: 58 lbs (26 kg)
Maximum Temperature:..... 185° F (85° C)
Maximum Solid Size:..... .25" (6 mm)
Mechanical Seal: SiC / Viton® / SiC
Metering Principle: Coriolis Mass Flow Meter Technology
Check Valve:..... 316 Stainless Steel
System Accuracy:..... +/- .30% of Reading
Bag Liner Series: Optional pump intake design available for applications with hygienic liners

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

STANDARD
Pump, Inc.

