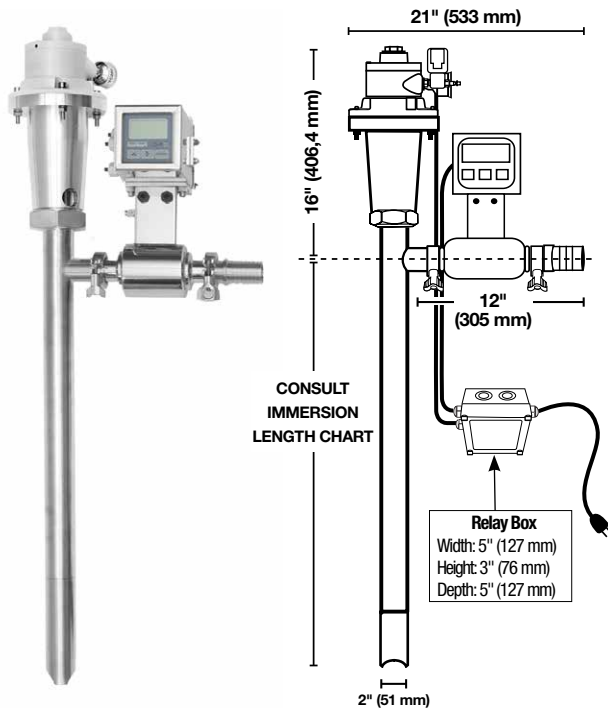


Sanitary Batch Control Systems | Air Packages

ULTRA MAG BATCH CONTROL SYSTEM



Ultra Mag Batch Control System

MODEL	MOTOR / VOLTAGE	WETTED PARTS	MAX VISCOSITY CPS (mPAS)	IMMERSION LENGTH
8340	2 HP (1,5 KW) Air / 110-120V	SS316, Teflon, SiC	10,000	39" (1000 mm)
8341	2 HP (1,5 KW) Air / 220-240V	SS316, Teflon, SiC	10,000	39" (1000 mm)
8350	2 HP (1,5 KW) Air / 110-120V	SS316, Teflon, SiC	25,000	44" (1120 mm)
8351	2 HP (1,5 KW) Air / 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
8340BL	2 HP (1,5 KW) Air / 110-120V	SS316, Teflon, SiC	10,000	39" (1000 mm)
8341BL	2 HP (1,5 KW) Air / 220-240V	SS316, Teflon, SiC	10,000	39" (1000 mm)
8350BL	2 HP (1,5 KW) Air / 110-120V	SS316, Teflon, SiC	25,000	44" (1120 mm)
8351BL	2 HP (1,5 KW) Air / 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:..... Air, 2 HP (1,5 KW)
Inlet/Discharge Size: 2" (51 mm) / 1.5" (38 mm)
Viscosity Range:
 P/N: 8340 (110v), 8341 (220v) 1-10,000 cps (mPAS)
 P/N: 8350 (110v), 8351 (220v) 10,000-25,000 cps (mPAS)
Maximum Discharge Pressure:
 P/N: 8340 (110v), 8341 (220v) 43 psi (3 bar) *based on water*
 P/N: 8350 (110v), 8351 (220v) 87 psi (6 bar) *based on water*
Maximum Flow Rate:
 P/N: 8340 (110v), 8341 (220v) 10 GPM (38 LPM) *based on water*
 P/N: 8350 (110v), 8351 (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.



CSI 417.831.1411
csidesigns.com