



EXCLUSIVE FOR ACCURATE DOSING NEEDS

SOLENOID DRIVEN METERING PUMP

Series AQUA metering pumps are driven by an Electronic circuit comprising of professional PCB & electronic components of proven quality for high reliability to user.

Driven End : Comprising of Electro magnetic solenoid unit with Class 'H' Insulation.

Control Panel : Comprises of Analog controls for speed & stroke length, Fuse & Pulse Indicator.

Spacer : Unique design which separates liquid end from drive end with a drain off at the Bottom for indication of diaphragm rupture to prevent Chemical entering in to the Drive end.

Liquid End : Head - made of PP / PVC / SS316 or Teflon Fittings.

KEY FEATURES

- Glandless & leakage free diaphragm pumps.
- Solenoid driven aided by Professional Pulser circuitry.
- Excellent Proportional control with higher turn-down ratio.
- Fixed Injection frequency (for "Model CA" - 100 SPM)
- Adjustable Injection frequency (for "Model CA" - 100 SPM)
- Adjustable Volume displacement via Stroke length Adjustment.
- Corrosion resistant Glass Filled PP Housing.
- Unique spacer design for prevention of Chemical entry to drive end.
- Teflon faced Hypalon Diaphragm for long lasting service.
- Liquid ends - Polypropylene (PVC / SS316 / PTFE - as optional)
- Integrated low level switch (as optional)
- Low power consumption.
- Modular design occupying less foot print & light weight.
- Section lift up to 1.5 m Wc.
- Steady state accuracy : +/- 3%
- Repeatability : +/- 3%

STANDARD MATERIAL OF CONSTRUCTION

HOUSING	: GFPP	SUCTION / DISCHARGE FITTINGS	: PVC
SPACER	: GFPP	INJECTION CHECK VALVE	: PVC
HEAD	: Polypropylene (PP)	FOOT VALVE	: PVC
DIAPHRAGM	: Teflon faced Hypalon	TUBING	: LDPE
BALL	: Glass	ELASTOMERS	: Viton

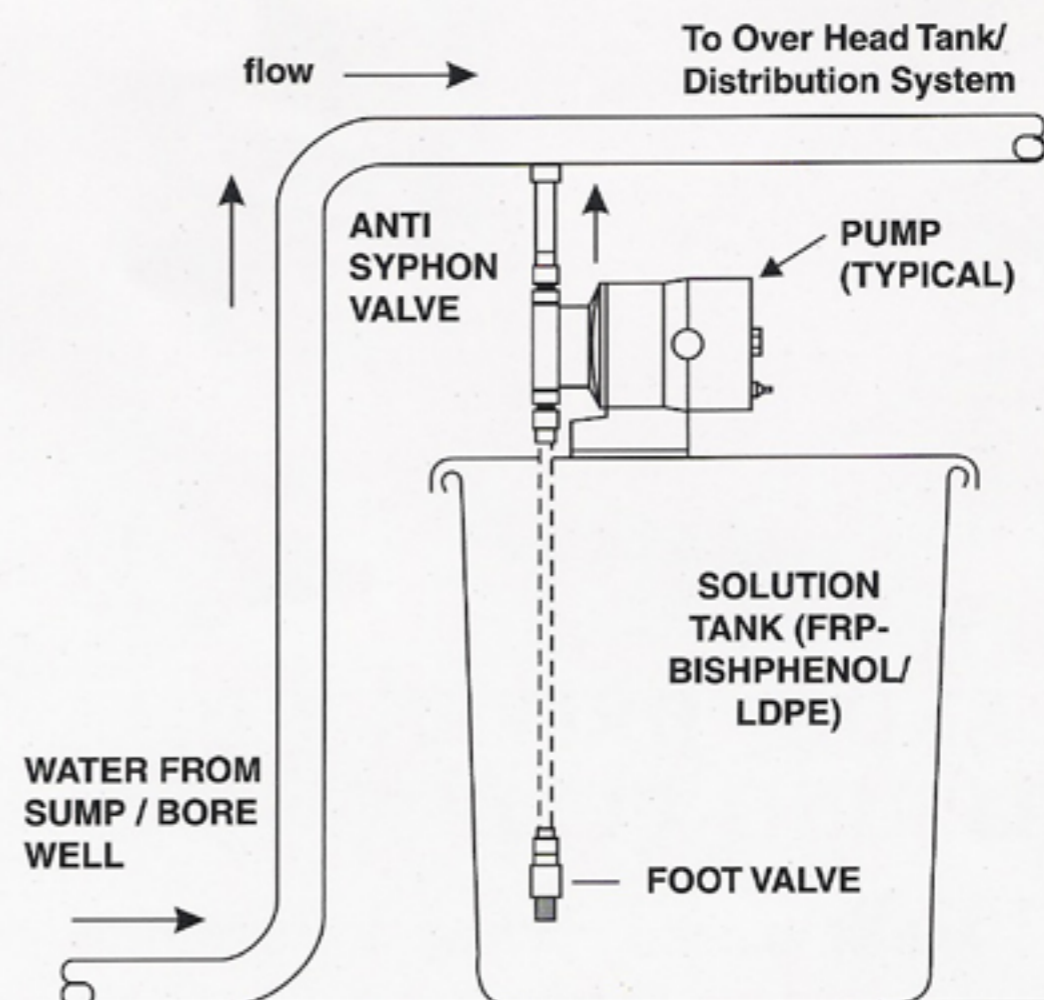
SOLENOID DRIVEN METERING PUMP



CAPACITY CHART

MODEL	MAX. PR. (in Kgs/Sq.Cm)	CAPACITY (in LPH)
CA 04 06	04	06
CA 05 05	05	05
CA 01 12	01	12
CA 02 10	02	10
CA 10 02	10	02
CA 12 01	12	01

A TYPICAL INSTALLATION



- Tank Size : Recommended size is 100 Litres should have atleast 24 Hours Chemical storage
- Average Power Consumption : Less than 25 watts.
- Space Requirement : 600 mm x 600 mm
- Man Power : Does not Warrant special operators / personnel.

INDUSTRIAL APPLICATION

Chlorination	Water & Effluent Treatment	Refineries & Fertilizers	Pharmaceuticals
Chemical & Petrochemical	Paper & Textiles	Thermal Power Plants	Food & Beverages

Progressive change in Design may be made without Notice.



**AQUA
SERVICES**

AN ISO 9001:2000 COMPANY

9, Vinayak Society, Gotri Road,
Baroda - 390 007. (Gujarat)
Phone : 2331748 • Fax : (0265) 2331876
Mobile : 9825028457
E-mail : aquaas@satyam.net.in
visit us : www.aquaservicesindia.com