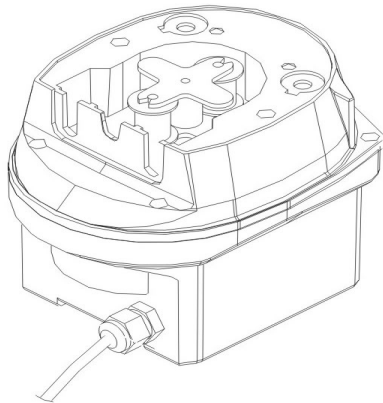
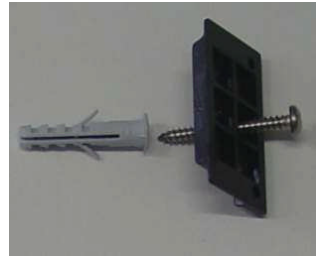


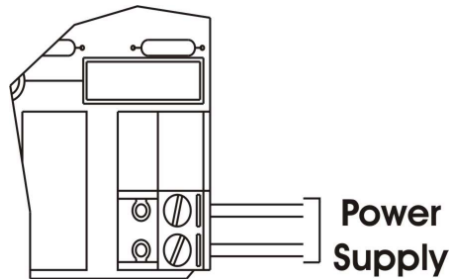
Picture 1



Picture 2



Picture 3



Picture 4



**PRS-1 and PR-7
VARIABLE SPEED PERISTALTIC DOSING PUMP**

MAINTENANCE AND INSTRUCTION MANUAL

Peristaltic pump; Variable flow regulated through speed control.
Automatically accepts AC voltage range as follows:

Power supply: 20 – 240VAC

Max suction height: 5 ft.

NOTICE

When installing the pump read the label and verify the following:

- tubing material is compatible with the chemical being dispensed;
- the power supply is within the pump's voltage rating
- pressure at the injection point is lower or equal to the pump nominal pressure;
- pick-up tubing is inserted in the liquid container, secured to the pick-up connection of the pump (represented on the lid with Δ) and tightened with the proper nut (see picture 1);
- delivery tubing is secured to the delivery connection of the pump (represented on the lid with ∇), tightened with the proper nut and fitted to the tank injection connection;

FAILURE TO FOLLOW THESE INSTRUCTIONS COULD RESULT IN PERSONAL INJURY OR DAMAGE TO THE EQUIPMENT LEADING TO IMPROPER OPERATION OR PRODUCT FAILURE.



Before carrying out any operation on the pump, disconnect the power supply !!

INSTALLATION INSTRUCTIONS

Installation with the provided bracket

- Mount the plastic bracket with the provided screw (see picture 2);
- in case of tiled or low friction walls use the supplied adhesive tape as follows:
peel off one of the two protective foils from the tape, stick the tape to the bracket, peel off the second protective foil and proceed to mount the bracket with the provided screw;
- slide the grooves on the back of the pump over the bracket.

Installation through the back cover

- Open the housing by removing the front screws.
- detach the power supply connection from the circuit board;
- holes for mounting are on the back cover of the system: break the plastic protections from the holes with an awl or screwdriver (to trace the drilling template the back cover can be used);
- mount the back cover with the provided screw or suitable substitute.
- reattach the power supply connection to the circuit board and mount the front part of the system by replacing the screws.

Foot filter installation

- Insert the end of the tubing in the metal weight so that it exits from the flared end of the weight; insert the filter's barbed fitting in the same end of the tubing;
- Tighten the tubing by sliding the weight over the barb until it is flush with the filter;

(Picture 4 shows the steps for installing the suction filter) It is strongly recommended to use the suction filter in all situations, assuring that it reach the bottom of the product container. It should be cleaned periodically to remove product residual or accumulation of debris.

Speed (Flow Rate) Adjustment

- To adjust the speed remove the protective cap to the right of the LED with a small screw driver
- to reduce speed turn the trimmer counter-clockwise.
to increase speed turn the trimmer clockwise.

Tubing replacement

- Disconnect the unit from the power supply and remove the transparent front cover
- turn the roller assembly so that the rollers are situated vertically, slide the connection on the left toward you pulling the tube out of its seat and manually rotate the roller assembly clockwise until it is possible to extract the right hand side connection from its seat;
- **to install the tube** turn the roller assembly so that the rollers are lined up horizontally;
- insert the connection in its seat on the left of the pump with the curved side towards the rear of the pump and pushing the tube into its seat while manually rotating the roller housing clockwise until it is possible to insert the right hand side connection into its seat;
- insert the cover starting from the top, with the textured side facing the pump and pushing slightly on the sides until it clicks in place.

PRS – 1

Flow rate at max speed is .5 to .6 oz/min. Although it may satisfy other applications, we supply two different check valves for injecting rinse aid (using the stainless steel check valve) or sanitizer (using the polypropylene check valve) into the final rinse line of commercial dishwashers.

PR – 7

Flow rate max. is 3.5 to 4.0 oz/min. . Although it may satisfy other applications, it is intended as an economical, problemless dispenser for all sizes of single tank, door type machines. The injection fitting should be positioned below the rack rails and dispensing should correspond with the final rinse step providing a make up charge in the wash tank in preparation for the next wash cycle.