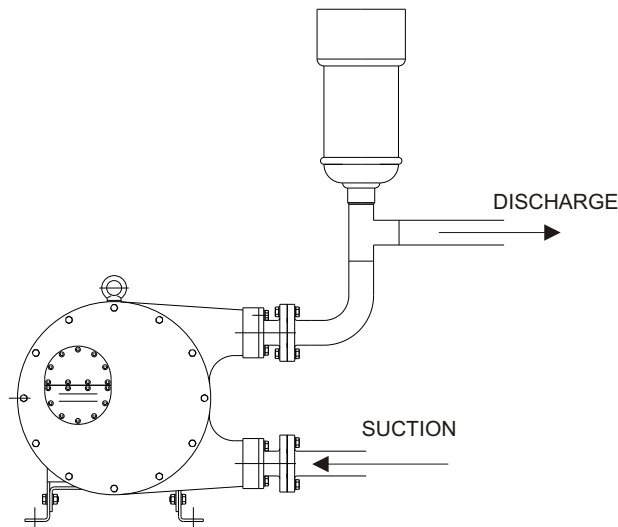




Industrial Peristaltic Pumps

Pulsation dampener

PULSATION DAMPENER WITH RUBBER BLADDER



A/ Place the pulsation dampener at the pump outlet as close as possible to the discharge connection (See attached sketch)

B1/ INSTALLATIONS WITH AIR AVAILABLE

Connect the air line to the upper connection of the pulsation dampener (in this case the pulsation dampener is not provided with a filling valve), and insert a pneumatic pressure regulator. By means of the regulator, adjustment of the air pressure up to 75 - 80% of the pump working pressure is required.

B2/ INSTALLATIONS WITHOUT AIR AVAILABLE

The pulsation dampener should be pre-loaded with air or nitrogen at a pressure of 75 - 80% of the pump working pressure. Pre-loading is achieved by means of the valve provided on top of the pulsation dampener. (For facilitating pre-loading, an additional valve is normally provided, which links the pulsation dampener valve with a connection similar to those in car tires, in order to pre-load the pulsation dampener with the same fittings used with car tires.

C/ If pump working pressure is unknown, it is necessary to install the pulsation dampener and then, perform slowly the pre-load with air or nitrogen up to find the appropriate, and then perform slowly the pre-load with air or nitrogen up to find the appropriate pressure, (As mentioned earlier, the best efficiency is obtained when operating at 75 - 80 % of the working pressure).