



PRO AQUA™
DOSING PUMP

GENERAL PRECAUTIONS

1. Always install the pumps in a shaded place- not in direct sunlight.
2. Ensure that pump in never submerged in liquid.
3. Disconnect power supply before attempting to service the pump.
4. Ensure that voltage is in the range of 180 to 280 volts.
5. As far as possible, avoid giving supply to the pump from the same line as heavy electrical equipment.
6. If the dosing tank runs out of solution and the suction filter is exposed to air, perform air release operation when Restarting the pump.



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INSTALLATION AND COMMISSIONING

1. Mount the pump on a tank or any other flat Surface and fix using the nut bolts provided.
2. Cut the Suction tubing provided to the desired length(Max. 1.5m) and ensure that the Suction filter remains Vertical and always immersed in solution.
3. Use the remainder of the tubing to connect to the discharge side of the pump at one end.
Connect the other end of the tube to the injection valve supplied.
4. Connect the Injection Valve to the pipe into which dosing is to be done.
5. Connect the power cable of the pump to a 230V A.C. electrical supply.
6. Before Starting the pump ensure that the Suction filter is fully immersed in solution.
Then set the frequency knob to 100% and switch on the pump with the ON/OFF switch.
7. When starting for the first time, Open the air release valve to release air from the system and close it once solution starts flowing out steadily.
8. Then set frequency to the required percentage depending on the desired dosing rate.

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SCOPE OF SUPPLY

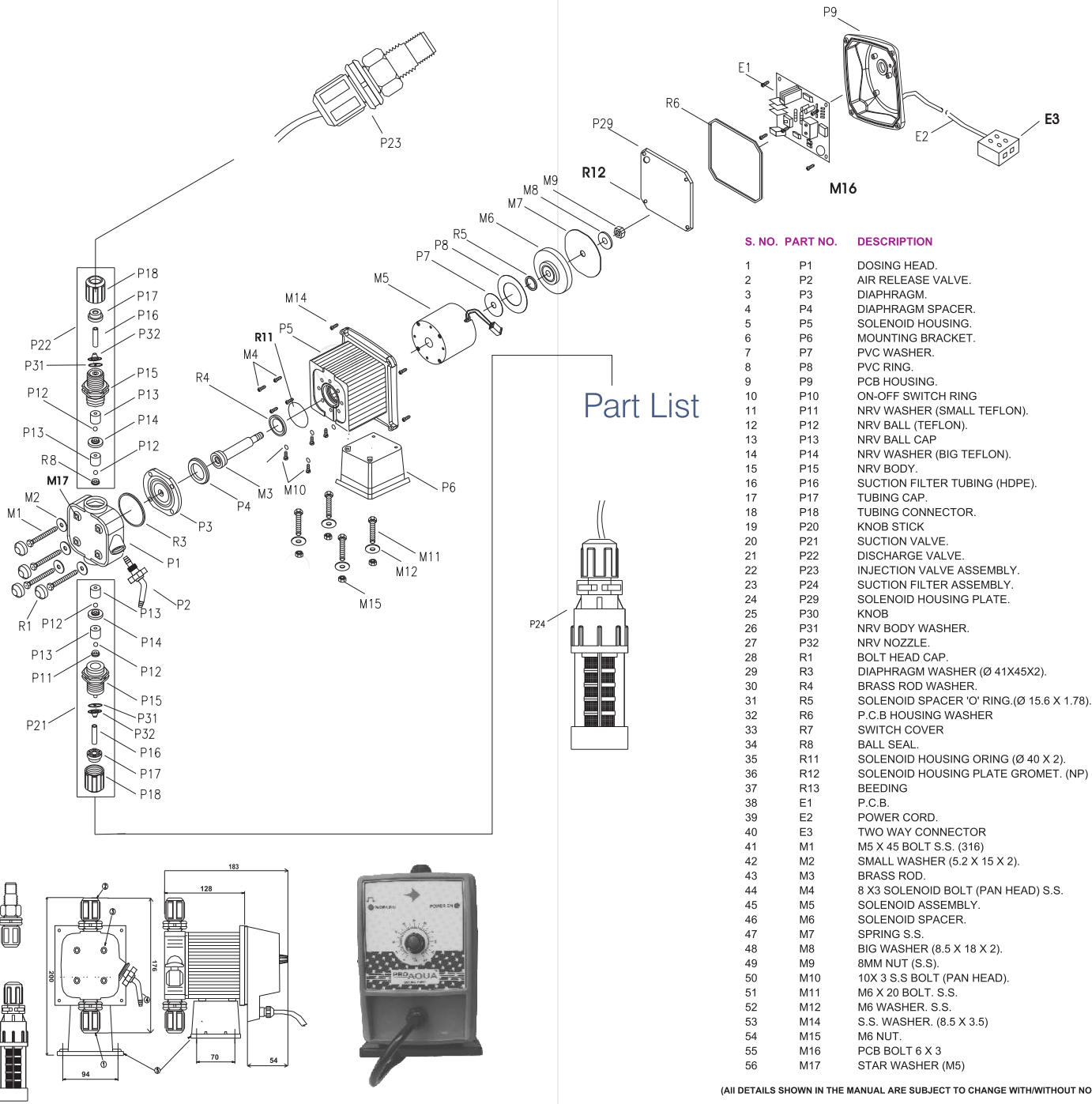
- Metering pump
- 3 metre suction Discharge tubing
- Suction filter cum foot valve
- Injection Valve
- O & M manual.

Technical Specification

Dosing rate @ 4 kg/cm ²	1.5, 3.0 & 6.0 lph
Suction/Discharge tubing	4/6 mm
Frequency	Up to 400 spm
Electrical	230 V AC, 50 Hz
Power consumption at 400 spm	30 Watts

Features

- Auto resetting fuse
- Double ball NRV with PTEE seales
- Splash proof enclosure
- Built in air release valve
- PTEE diaphragm for longer life
- Adjustable frequency(up to 40 spm)
- Compact and lightweight



(All DETAILS SHOWN IN THE MANUAL ARE SUBJECT TO CHANGE WITH/WITHOUT NOTICE)