



INSTRUCTION MANUAL



Aqua Dose







F.L. - RATTIUS - DOSEING - DETERGENT & HYGIENE - POOL EQUIPMENT



DECLARATION OF CONFORMITY

Company:	AQUA S.p.A.
Address:	Via T. Crotti, 1 - 42018 - San Martino in Rio (RE)

Hereby declares that the products named:

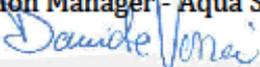
• AQUA DOSE

Responds to the principal features of the following European Directives:

- **2014/30/CE of 26/02/2014 - Harmonization of the laws of the Member States relating to electromagnetic compatibility – EMC Directive**
- **2014/35/CE of 26/02/2014 - Harmonization of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits – Low Voltage Directive**
- **2011/65/UE of 08/06/2011 with subsequent update 2015/863 of 31/03/2015 – ROHS III Directives**
- **2012/19/UE of 04/07/2012 - WEEE Directives for electrical and electronic waste**

This declaration is issued under the responsibility of Aqua S.p.A.

San Martino in Rio (RE) - 08 settembre 2020

Daide Vezzani
Certification Manager - Aqua S.p.A.


AQUA S.p.A.
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 S. Martino in Rio - 42018 - Reggio Emilia - ITALIA - Sede Legale Via Crotti, 1 - Sede operativa Via Benito M. S. - Cap. Soc. € 1.000.000,00 - P. Impres. di RE 0203943020
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1. PACKAGE CONTAINS:

1. AQUA DOSE
2. Suction tubing
3. Hardware kit: 2 long screws and anchors; 2 short screws; 22cc stroke adjuster; 15cc stroke adjuster; flow restrictor
4. Mounting plate
5. Directional spout (Model 616 only)
6. Instruction sheet

2. INSTALLATION AND OPERATION:

For AQUA DOSE (with directional spout), screw the spout into the larger elbow on the pump.

1. Remove the skirt by unscrewing the nut holding the plunger. Caution: the plunger is spring-loaded and will come out forcefully when this nut is removed. Be careful not to get dirt on the red O-ring seal on the plunger, or the pump may not seal correctly, resulting in leaking.
2. The AQUA DOSE should be mounted at a convenient height, ideally so that inlet and discharge tubing will be 2 m or less in length. Note: The arrows on the pump show the direction product will move through the pump. Mount the unit so the discharge elbow will be in the correct location as desired.
 - a. Select a reasonably flat area on which to mount the AQUA DOSE, where concentrate is going to be dispensed.
 - b. Use a 7mm diameter bit to drill holes centered as indicated on the template on the back of these instructions (You may wish to copy the template instead of cutting these instructions). Install anchors provided into the holes, then use the long screws provided to attach the pump to the surface selected.

c. If you are replacing an old pump, the mounting plate included may be used so you do not have to drill new holes for the anchors. Use the screws from the old pump to attach the mounting plate, then attach the new pump with the short screws provided.

3. Replace the skirt and attach the plunger to the pump with the nut. The nut should be hand tightened. Note: Included with the pump are 2 stroke adjusters. They can be used to change the amount the pump dispenses with each push. With no adjuster, the pump will dispense 30cc. The short adjuster reduces this to 22cc, while the longer reduces this to 15cc per push. These adjusters are placed on the post on the inside of the plunger. Attach the adjuster, if desired, to the plunger before re-assembling the plunger to the pump.

4. Install the inlet tubing:

a. From the tubing provided, cut a length which reaches from the bottom of the liquid container to the supply inlet. Make sure that the suction tube is at the bottom of the liquid container in order to fully empty the container, and that the liquid container is vented.

b. Slide tubing onto the inlet elbow and swivel the inlet elbow as required.

c. Elbows and tees may be used in the installation of the pump, but bear in mind that they introduce extra resistance to the flow of the liquid being dispensed.

Note: Included with the pump is a flow restrictor. This will delay the recovery of the plunger after it is pushed to prevent multiple strokes, if required. [twill also prevent any residual discharge of product which may occur at the end of the stroke. If required, press the restrictor into the inlet elbow before attaching the inlet tubing.

5. The remaining length of tubing maybe used as a discharge tube (not needed on the model 616, which includes the discharge spout). Slide tubing onto the discharge elbow and swivel discharge elbow to direct tubing as required.

6. Press the AQUA DOSE pusher firmly several times to prime. Product will move through the pump in the direction shown by the arrows on the pump.

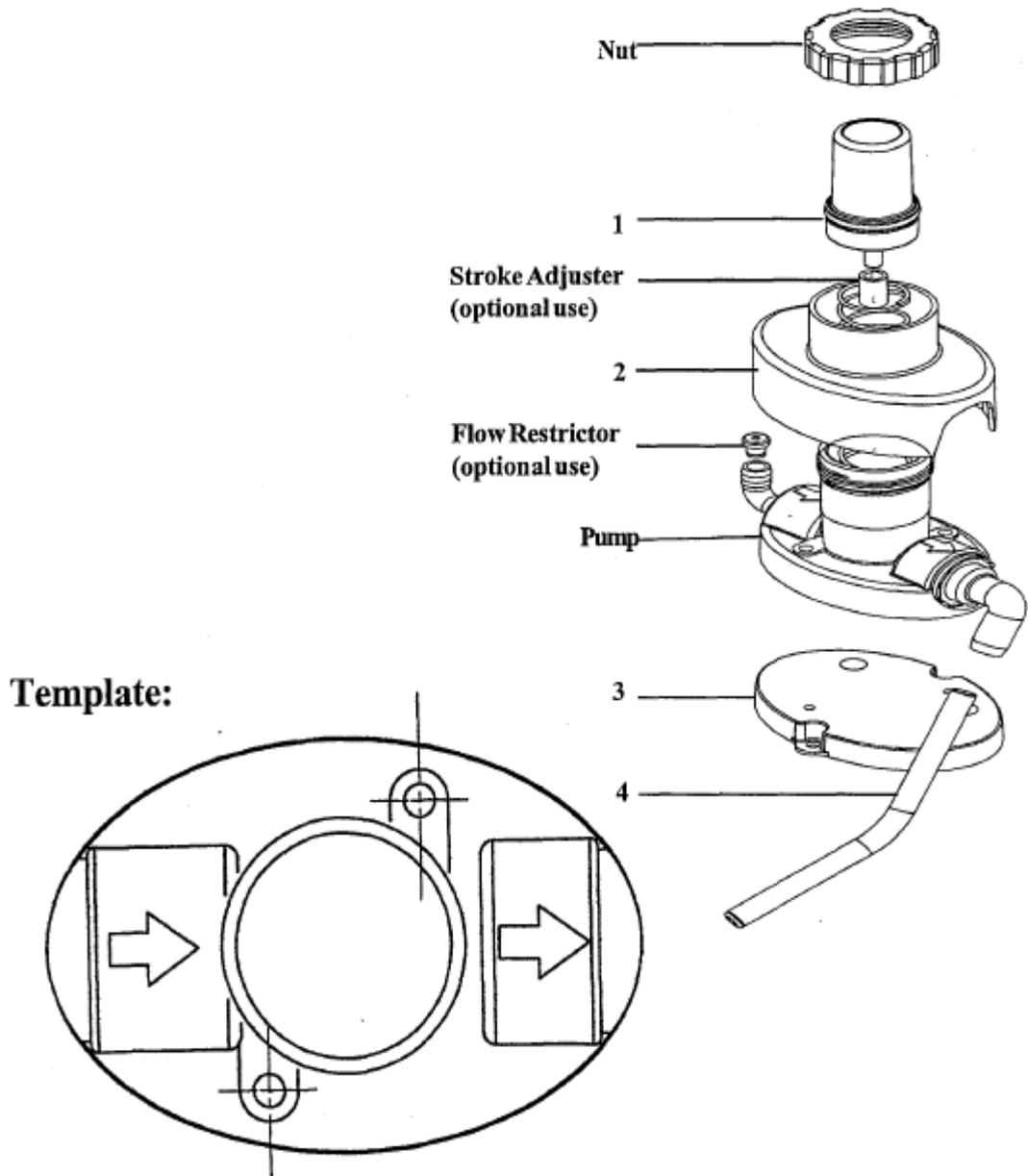
7. Once the pump is primed, each push will dispense 30cc of concentrate (or 22cc or 15cc, if stroke adjuster is used). Dispense the concentrate into an empty container by pushing the required number of times, then fill the container with water to the desired level. When correctly installed, the AQUA DOSE will not lose its prime overnight.

3. PARTS DIAGRAM/LIST:

KEY NO.	PART NO.	DESCRIPTION
1	10083245	Plunger kit, blue (on all standard units)
10083246		Plunger kit, red
10083247		Plunger kit, green
10083248		Plunger kit, yellow
2	10083207	Skirt
3	10083222	Mounting plate
4	10083260	Spout (model 616)

Not shown:
10044300
10044304

Suction tubing, 2 m, model 616
Suction tubing, 2.4 m, model 617





AQUA DOSE

