



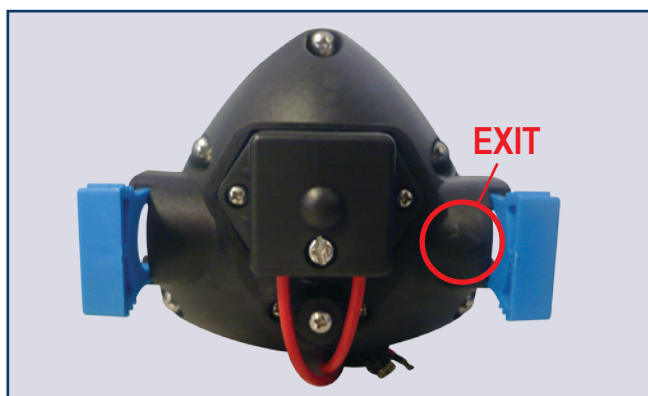
Nuova Rade

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Installation Instructions

Water Pumps (198069, 198070, 198071, 53432, 56082)

Hydraulic Installation



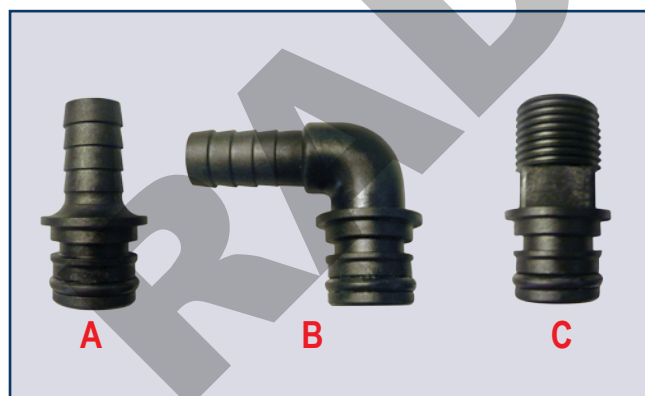
1. Look at the pump from the front and find the arrow that indicates the pump EXIT, as shown in the image.



2. Slide the output lock as shown in the image.



3. Remove the protective cap.



4. Choose one of the three components according to the parameters of your installation:

- A. Connector for straight hose
- B. Connector for corner hose
- C. Threaded connector



5. Install the selected connector at the pump outlet, as shown in the picture.

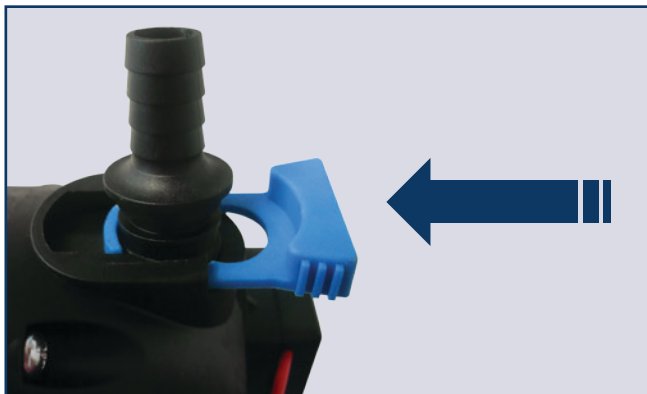


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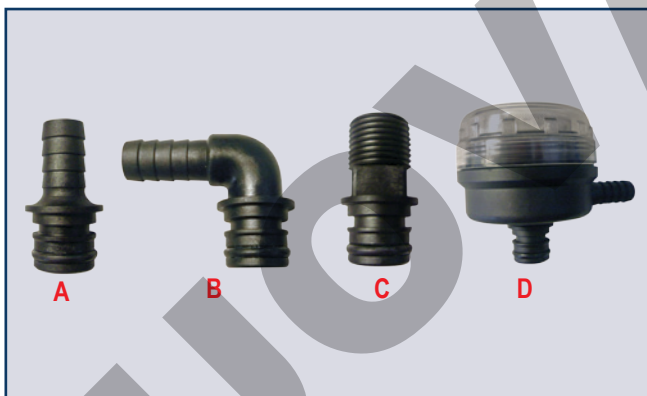
(198069, 198070, 198071, 53432, 56082)



6. Secure.

7. Install the connector to the water distribution system (taps).

8. Repeat steps 2-3 for the other side of the pump (INPUT).



9. Select one of the three remaining (from step 4) components or the D, according to your installation parameters:

- A. Connector for straight tire
- B. Connector for corner hose
- C. Threaded Connector
- D. Outflow for hose with filter.

10. Repeat steps 5-6 for the pump inlet as well.

11. Connect the connector to the water storage system (tanks).

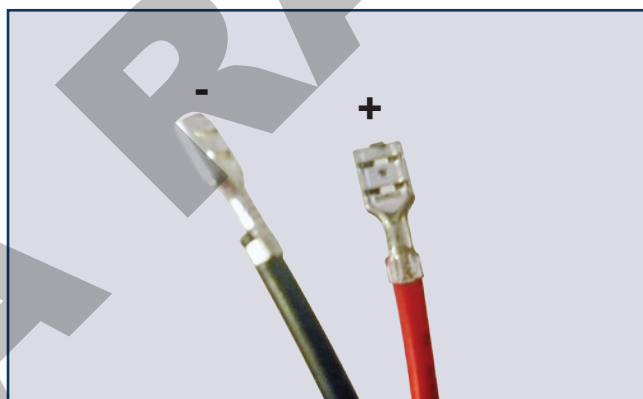
12. Fasten the pump in place by screwing the four bases in place.

Electrical installation

1. Disconnect the batteries from the circuit.

2. Install the appropriate fuse between the pump and the rest of the circuit.

198069	198070	198071	53432	56082
4A	9A	10A	11A	6A



3. Connect the pump to the circuit. Make sure the cable connections are properly insulated.

4. Reconnect the batteries.

Check

1. Test the pump and check for leaks in the connections.



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Water Pumps

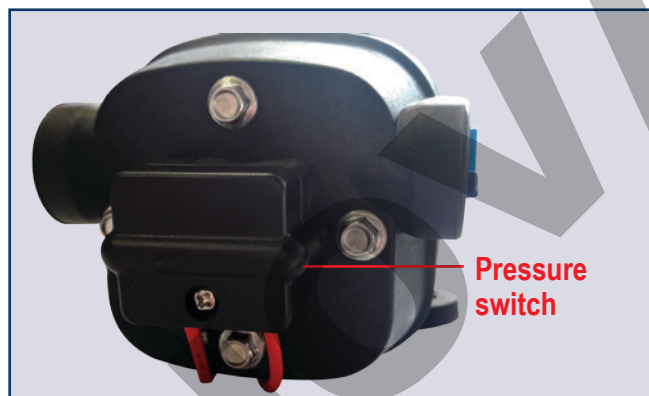
(198069, 198070, 198071, 53432, 56082)

Changing Pressure Switch (198081-3)

for 198069, 198070, 198071, 53432, 56082 pumps

There are three pressure switches available for Nuova Rade water pumps:

Pressure switch	Code	Description
	198081	Pressure switch - max 25psi for Pump 56082
	198082	Pressure switch - max 40psi for Pump 53432, 198070, 198071
	198083	Pressure switch - max 80psi for Pump 198069



The following steps are to be followed in order to change a pressure switch for pumps 198069, 198070, 198071, 53432, 56082



Step 1. Unscrew the bolt and remove the cover.



Step 2. Now unscrew the two bolts on the left and on the right. **(Be careful: NOT the middle one*, it is the pressure regulator screw)**

*It can be either a Phillips or an Allen screw, depending on the model.



Step 3. Remove the pressure switch.



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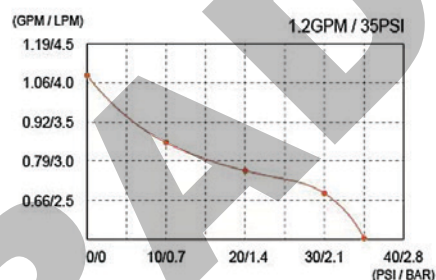
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Water Pumps

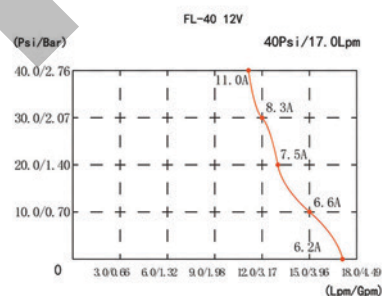
(198069, 198070, 198071, 53432, 56082)

Manometric Curves

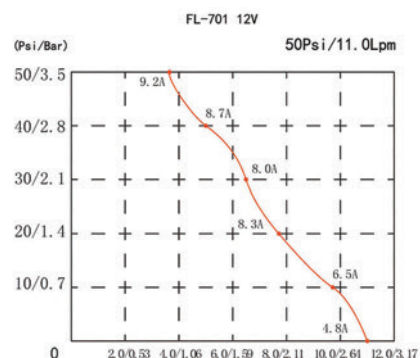
198069



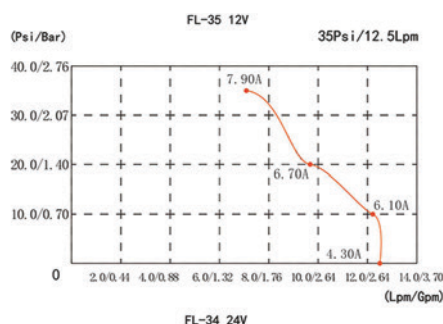
198070 – 198071



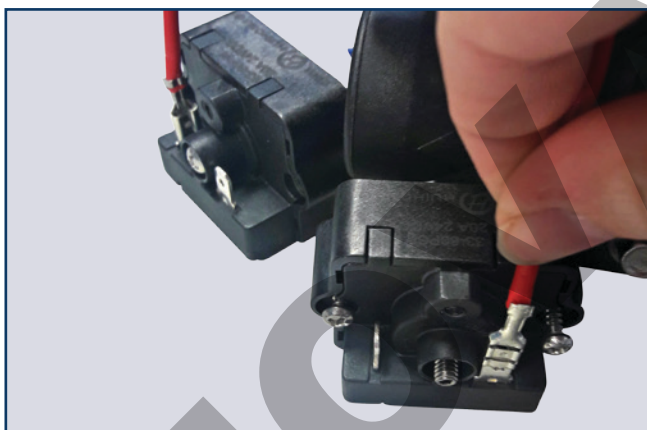
56082



53432



Step 4. Remove the cover of the new switch and screw it to the pump, using the two screws, replacing the old switch.



Step 5. Disconnect the wires from the old switch and connect them to the new one.



Step 6. Finally, place the cover and screw the bolt.