

IMPORTANT SAFETY INSTRUCTIONS

Read all instructions before using this product. When using an electrical appliance, basic precautions should be observed, including the following:

⚠ WARNING:

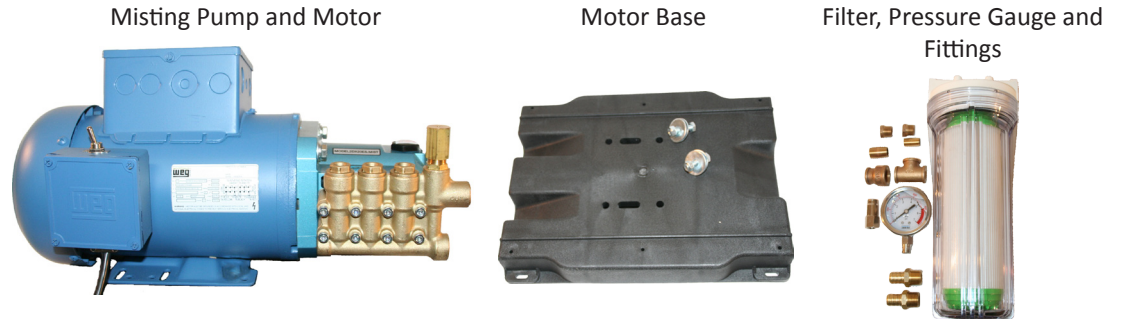
- Unplug from outlet when not in use and before cleaning or maintenance.
- Do not operate with a damaged power cord.
- Do not pull or carry the product by the power cord.
- If the power cord is damaged it must be repaired by a qualified repair station.
- Use the product only for it's intended use.
- Close attention is necessary when used by or near children.
- Store product in a dry place when not in use
- Only connect unit to a properly grounded outlet (See Grounding Instructions).
- Use only manufacturer's attachments and spare parts.

Grounding Instructions

This product must be connected to a grounded wiring system. If it should breakdown or malfunction, grounding provides a safe path of least resistance for electrical current, reducing the risk of electrical shock. The cord for this unit has an equipment-grounding conductor and a grounding plug. It must be plugged into an outlet that is properly installed and grounded in accordance with all local codes and ordinances. Improper connection of the equipment-grounding conductor can result in electrical shock. Check with a qualified electrician if you are unsure if the outlet is properly grounded. Do not modify the plug provided with the product or use any type of plug adapter.

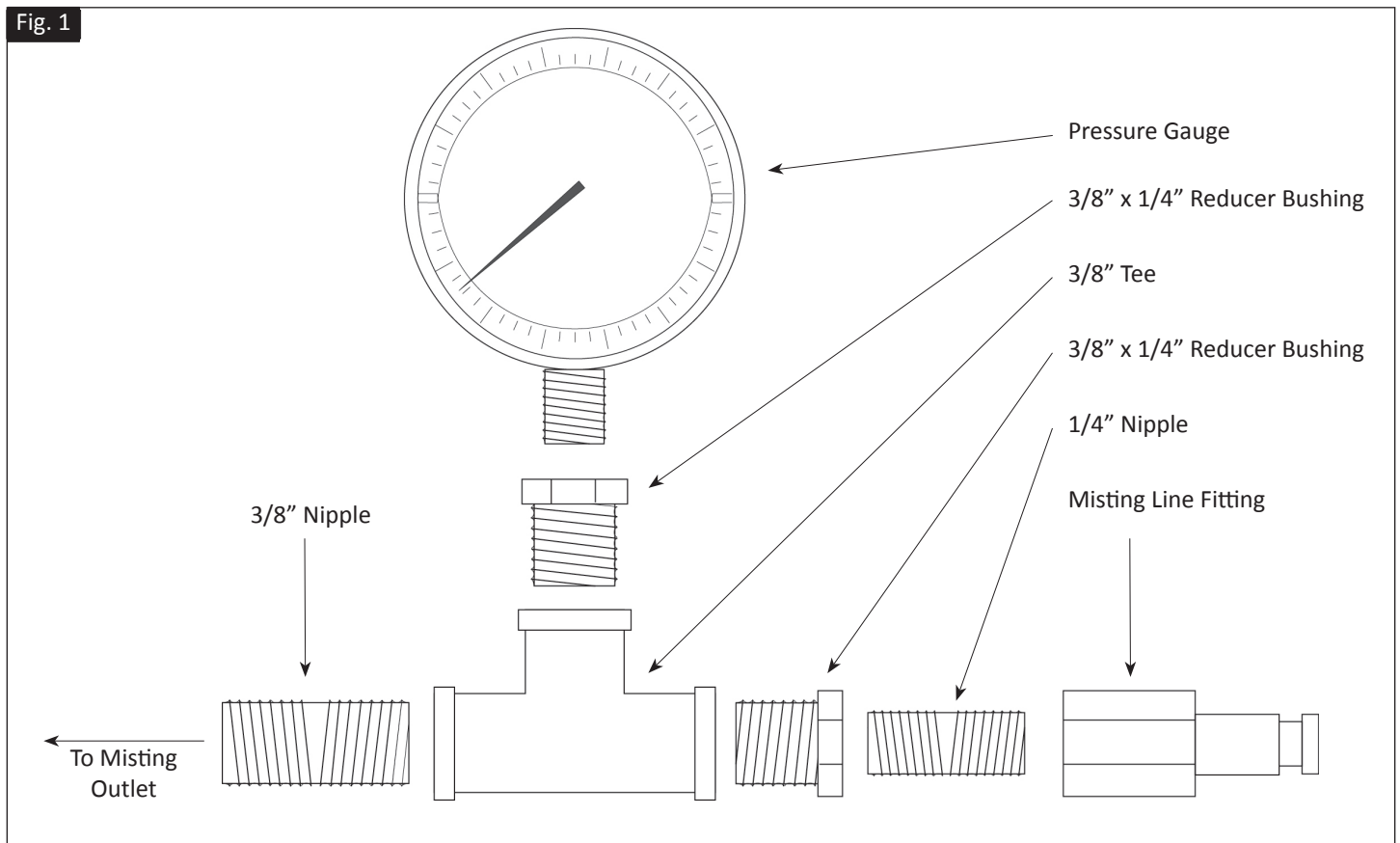
PARTS INCLUDED

- Misting Pump and Motor - 1
- Motor Base - 1
- Filter - 1
- Pressure Gauge - 1
- Misc. Plumbing Fittings

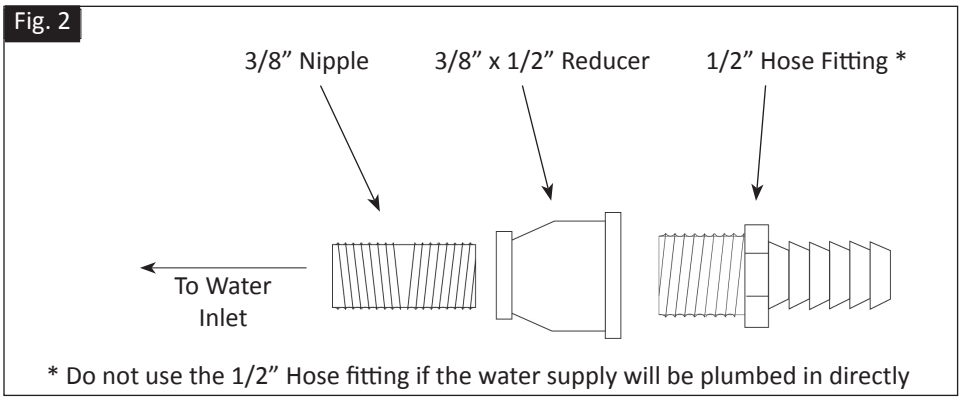


ASSEMBLY INSTRUCTIONS

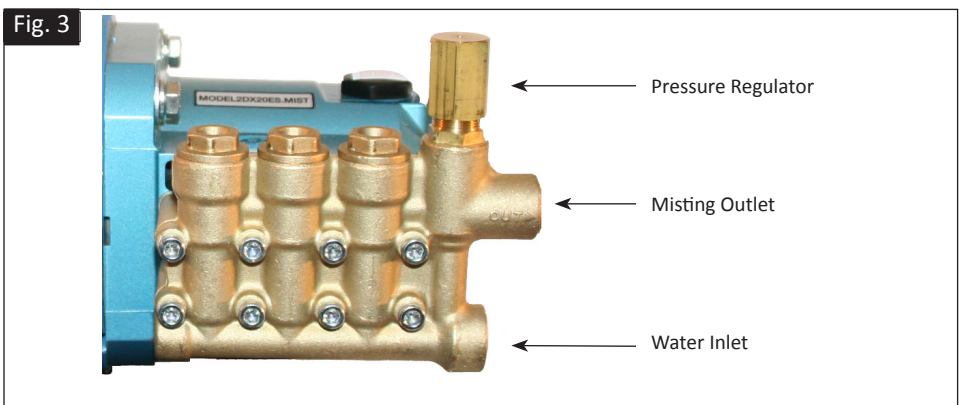
1. Attach the Misting Pump and Motor to the Motor Base using the supplied hardware.
2. Assemble the misting outlet assembly as shown in figure 1. Use Teflon tape on all connections.



3. Assemble the Water inlet assembly as shown in Fig 2. Use Teflon tape on all connections.



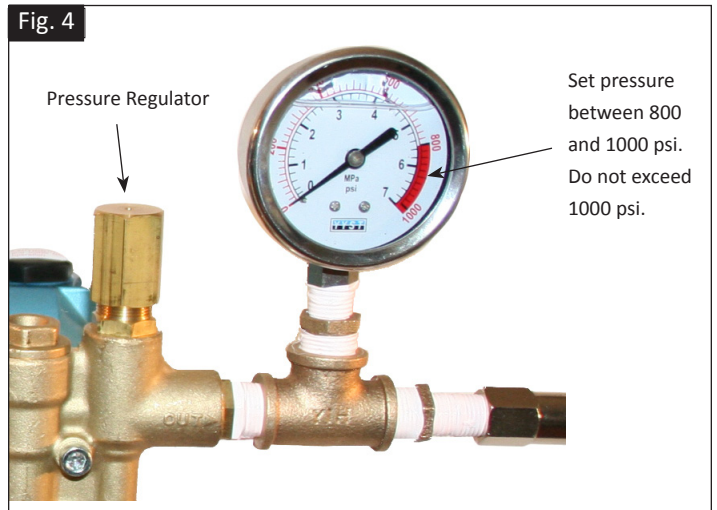
4. Attach the Misting Outlet assembly to the misting outlet opening on the misting pump (Fig 3).
5. Attach the Water Supply assembly to the water inlet opening on the misting pump (Fig 3).



6. Install the water filter in-line before the Water Supply assembly. Make sure to install the filter in a location that will have easy access for maintenance and filter replacement.
7. Install the misting tubing and fittings. **Do not install the misting nozzles at this time.**
8. Connect the outgoing misting tube to the Misting Line fitting.
9. Connect the power cable.

OPERATION

1. Turn on the water supply
2. Turn on the misting pump and let it run to purge all debris from the misting lines.
3. Once the misting lines are purged of all debris shut of the pump and water supply.
4. Install misting nozzles.
5. Turn on water supply and misting pump.
6. Using the Pressure Regulator on the pump adjust the pressure to between 800 and 1000 psi. Do not exceed 1000 psi (Fig 4).



NOZZLE SELECTION CHART

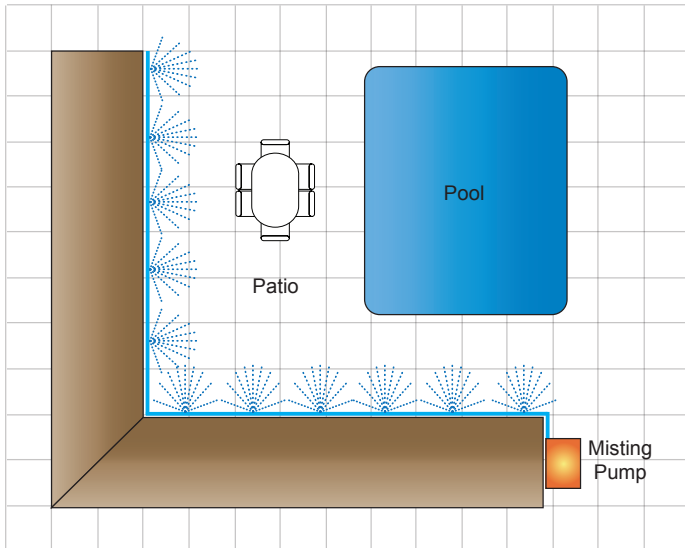
Nozzle Part Number	1006		1008		1012		1015	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
.5 gpm pump (1050)	5	14	4	12	3	8	4	6
1 gpm pump (1051)	10	28	8	23	6	19	4	13
1.5 gpm pump (1052)	26	76	21	62	16	47	12	34
2 gpm pump (1053)	42	125	35	102	26	76	19	55

MISTING PUMP SPECIFICATIONS

	1050	1051	1052	1053
GPM	.5	1	1.5	2
Horsepower (HP)	1/2	1	1 1/2	2
Power Rating (amps) (120V / 240V)	7	14 / 6.4	17.4 / 7.8	17.4 / 7.8
Voltage Ratings *	120 V	120 V / 240 V	120 V / 240 V	120 V / 240 V
Voltage configuration as shipped from factory	120 V	120 V	240 V	240 V
Power Cable Length (ft)	6	6	6	6
Dimensions (in)	10 x 22 x10	10 x 22 x10	10 x 22 x10	10 x 22 x10
Warranty	2 Years	2 Years	2 Years	2 Years

* Models 1051, 1052 and 1053 can be operated with either 120V or 240V. Model 1051 is configured as 120V and Models 1052 & 1053 are configured as 240V when shipped from the factory. Instructions for changing the voltage configuration in the field is included with the motors.

MISTING DESIGN EXAMPLE



Limited Warranty

This PROECO PRODUCT is covered by a 2-year limited warranty by PROECO PRODUCTS. The limited warranty period begins from the date of purchase and covers material and manufacturing defects or failure of the product to operate as specified by PROECO PRODUCTS during the duration of the limited warranty period.

This limited warranty does not cover failure or problems related to:

- Improper installation, see this manual for proper installation procedures.
- Modification of the product in any way including attempts to repair the product by someone other than a PROECO PRODUCTS trained and authorized repair technician.
- Failure to follow proper safety, care and maintenance guidelines as outlined in this manual.

It also does not cover those parts of the product that are subject to normal wear and tear during usage of the product, such as:

- Impellers on pumps
- Filter pads and filter medium in filters
- Lamps in lights and UV clarifiers

PROECO PRODUCTS's sole liability shall be to replace or repair the product covered by this limited warranty. PROECO PRODUCTS shall not be liable for any consequential damage to any other part of the water garden, pond, water feature, landscape, structure, or the contents of any structure where the product is located or used including no liability for damage or harm to fish, animals, or plants in or around the water garden, pond or water feature.

THE EXPRESS WARRANTIES SET FORTH HEREIN ARE THE ONLY WARRANTIES WITH RESPECT TO THE PRODUCTS, AND THE REMEDIES SET FORTH HEREIN ARE THE EXCLUSIVE REMEDIES IN THE EVENT OF A BREACH OF SUCH WARRANTIES. PROECO PRODUCTS EXPRESSLY DISCLAIMS ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. PROECO PRODUCTS SHALL NOT BE LIABLE UNDER ANY CIRCUMSTANCES FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY NATURE, FOR ANY BREACH OF SUCH WARRANTIES OR OTHERWISE. Some states do not allow the exclusion or limitation of incidental or consequential damages, to the above limitation may not apply to you.

Should your PROECO PRODUCTS product be defective or fail under the terms of this limited warranty, you should return the product to your PROECO PRODUCTS dealer, along with your original receipt of purchase and any other limited warranty documentation you have, for replacement or repair. Should you have any question about this limited warranty, please contact PROECO PRODUCTS at info@proecoproducts.com