

PROECO MISTING NOZZLES

The .008" nozzle (#1008) is ideal for application requiring less flow, with small droplet size, minimal moisture, and complete evaporation. it can be used for indoor humidification or outdoor cooling. The nozzle should not be used at pressure below 140 psi.

The .012" nozzle (#1012) is most commonly used in areas with extreme heat and low humidity or where the nozzles are placed high above the area to be cooled. It provides comparable results to the .008" nozzle with an increased flow rate. It can be used both indoors and outdoors with complete evaporation. This nozzle with work at pressures of 50 PSI and above.

The .015" nozzle (#1015) is mostly used for outdoor applications where sufficient airflow and clearance allow for complete evaporation and where higher flow are required.



Item #	Orifice	Material	150 PSI	650 PSI	1000 PSI	1200 PSI	Warranty	Price
1008	.008	Stainless	-	.018 gpm	.022 gpm	.025 gpm	2 Years	-
1012	.012	Stainless	.011 gpm	.024 gpm	.029 gpm	.032 gpm	2 Years	-
1015	.015	Stainless	.016 gpm	.032 gpm	.040 gpm	.044 gpm	2 Years	-

PROECO MISTING PUMPS

Choose your Pump – Based on the nozzle you will be using and the number of nozzles on your system choose the proper pump.

All misting pump systems include:

- High pressure pump and motor
- Anti-vibration base
- Adjustable liquid filled pressure regulator
- 10" in-line water filter
- Brass inlet solenoid control valve

Nozzle	1008		1012		1015	
	# of Nozzles for Pump	Min	Max	Min	Max	Min
1050 Pump	4	12	3	8	4	6
1051 Pump	8	23	6	19	4	13
1052 Pump	21	62	16	47	12	34
1053 Pump	35	102	26	76	19	55



Item #	GPM	HP	Amps	Volts	Cord	Dimensions	Warranty	Price
1050	.5	1/2	7	110	6'	10" x 22" x 10"	2 Years	-
1051	1	1	14	110/220	6'	10" x 22" x 10"	2 Years	-
1052	1.5	1 1/2	17.4	110/220	6'	10" x 22" x 10"	2 Years	-
1053	2	2	17.4	110/220	6'	10" x 22" x 10"	2 Years	-

DRAIN VALVE

- Brass



Item #	Price
2002	-

SHUT OFF VALVE

- Stainless Steel



Item #	Price
2003	-

Benefits of a Misting System



Misting systems lower air temperature by using specially designed nozzles that inject atomized water into the air. The atomized water droplets absorb heat as they evaporate and lower the temperature in the misting area. This is called flash evaporation. Nozzles are generally placed on the perimeter of the area to be cooled. There are 3 basic types of misting systems; low pressure, medium pressure and high pressure. Low pressure systems operate off of the household water pressure. Medium and High pressure systems utilized a pump to generate the pressure needed to operate the nozzles. High pressure systems produce the best cooling results and can be customized for nearly all locations. These systems can lower the temperature by up to 30° F. Low pressure systems are easy to install and recommended for swimming pools, hot tubs, green houses or any other areas that can get slightly damp. These systems can lower the temperature by up to 15° F.



ELBOW



• Stainless Steel

Item #	Price
2004	-

3/8" NOZZLE UNION



• Stainless Steel

Item #	Price
2008	-

SLIP LOCK END



• Stainless Steel

Item #	Price
2018	-

NOZZLE EXTENDERS



Item #	Price
2021	-

PUSH LOCK END PLUG



Item #	Price
2010	-

NYLON HOSE SCISSORS



Item #	Price
2019	-

75' NYLON TUBING



• 1000 PSI

Item #	Price
2012	-

PUSH LOCK UNION



• Stainless Steel

Item #	Price
2005	-

PUSH LOCK TEE



• Stainless Steel

Item #	Price
-	-

MALE ADAPTER



• Stainless Steel

Item #	Price
2015	-

10" ACTIVE CARBON CARTRIDGE



Item #	Price
2020	-

LOW PRESSURE SYSTEM



Low pressure misting systems are easy to install and recommended for areas that can get slightly damp. These systems can lower temperatures by up to 15° F.

- 13' water supply hose
- 16' misting hose
- 16 hose clips
- 6 misting nozzles
- 4 year warranty

Item #	Price
LP-1	-

RUBBER HANGER



Item #	Price
2009	-

ORIFICE PLUG



• Brass

Item #	Price
2001	-