



MISTING

**PUMPTEC**

WHERE INNOVATION FLOWS

Engineered to

Maintain Flow

Under Pressure



Consistent pressure and flow helps create the ideal greenhouse growing environment.

**Misting applications cover a wide range of user segments, each with unique performance specifications.**

That's why Pumptec offers engineering expertise to answer your system challenges with reliable, custom-designed pumps in variable pressures. We design low amperage, high-performance misting systems that maintain flow under pressure for everything from flash evaporative cooling and pest control to greenhouses, desalination, and special effects.

With Pumptec custom pumps, you can expect:

- Unobtrusive compact design with quiet operation
- High performance pump options, including 0.25 to 3 GPM at 1000 PSI
- Oil-less design allows flexible mounting configurations.

As part of a misting system, our electric pumps deliver precise flow to deliver the proper atomization and droplet size for your application while providing high value with dependable, low-maintenance operation.

Our high pressure pumps are perfect for installations requiring ultra-fine misting for use across multiple nozzles or in "flash evaporation" systems. With a compact design and quiet operation, Pumptec pumps are also easy to install for applications necessitating the pump be used in discrete locations.

For your specialty misting pump needs, we can engineer a solution for you.

**Pumptec Advantages**

Pumptec designs reliable low flow, high-pressure plunger-style pumps and pump systems, precisely engineered to meet your exact performance specifications.

- Precise flow rates with consistent pressure at the nozzle
- Compact, efficient, electric-powered pumps
- Rugged, chemical-resistant, durable construction
- Long-life, low-maintenance, serviceable design
- Personalized service and support.



MISTING

### Model 113C Series



Feeds 8 number .008 nozzles

### Model 350U Series



Feeds 50 number .008 nozzles

### Model 114T Series



Feeds 85 number .008 nozzles

### Model 213C Series



Feeds 25 number .008 nozzles

### Model 356U Series



Feeds 100 number .008 nozzles

# PUMPTEC

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## Pumptec Pumps provide durable, reliable and affordable performance for a wide range of misting applications.

**Offers unequalled performance and service in the smallest, high-pressure misting plunger pump available.**

<b>Pressure</b>	900 PSI	<b>Body</b>	Anodized Aluminum Head
<b>Flow</b>	.25 GPM	<b>Plunger</b>	Ceramic
<b>Dimensions</b>	8.60" L x 5.69" W x 3.79" H	<b>Power</b>	12 VDC, 24 VDC, 120V, 230V

**Provides versatility of pressure, control and flow for a variety of portable misting applications in a compact design.**

<b>Pressure</b>	1000 PSI	<b>Body</b>	Anodized Aluminum Head
<b>Flow</b>	1 GPM	<b>Plunger</b>	Stainless Steel
<b>Dimensions</b>	11.84" L x 8.40" W x 5.85" H (120V)	<b>Power</b>	12 VDC, 120V, 230V

**Provides chemical-resistant operation with sustained pressure at long tubing lengths.**

<b>Pressure</b>	200 PSI	<b>Body</b>	Grilon Head
<b>Flow</b>	1.61 GPM	<b>Valves</b>	Grilon
<b>Ports</b>	Vertical or Horizontal	<b>Plunger</b>	Stainless Steel
<b>Dimensions</b>	8.63" L x 8.06" W x 3.79" H	<b>Power</b>	12 VDC, 24 VDC, 120V, 230V

**Provides the performance versatility of high flow and pressure in a small package.**

<b>Pressure</b>	900 PSI	<b>Body</b>	Anodized Aluminum Head
<b>Flow</b>	.5 GPM	<b>Plunger</b>	Ceramic
<b>Dimensions</b>	11.32" L x 8.6" W x 7.43" H	<b>Power</b>	12 VDC, 120V, 230V

**Provides high-pressure performance for a variety of misting applications.**

<b>Pressure</b>	1200 PSI	<b>Body</b>	Anodized Aluminum Head
<b>Flow</b>	2.2 GPM	<b>Plunger</b>	Stainless Steel
<b>Dimensions</b>	12.90" L x 8.14" W x 8.91" H	<b>Power</b>	120V, 230V

### Nozzle Performance Chart

Orifice Diameter	Orifice Diameter	250 PSI	1000 PSI
0.006"	.15 mm	.006 GPM	.013 GPM
0.008"	.2 mm	.01 GPM	.020 GPM
0.012"	.3 mm	.013 GPM	.027 GPM

**Find out more**  
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