

# 18" SELF CONTAINED POWER MISTER

## SELF CONTAINED MISTING SYSTEM WITH WATER PUMPED FROM A 10 GALLON TANK

**MOTOR** . . . . . 1-speed, 1/8 HP, 1 Phase, 120 volt, sleeve bearing, permanently lubricated, totally enclosed, permanent split capacitor.

**SWITCH** . . . . . Toggle - Fan only or Fan & Mist

**CORD** . . . . . SJT type - 3 conductor - 18' long with GFCI plug

**BLADE** . . . . . 18" Aluminum

**GUARDS** . . . . . Spiral wire - front and rear

**PUMP** . . . . . 130 psi diaphragm pump

Meets OSHA Standards / 1 Year Limited Warranty

**POWER CUTOFF TIP SWITCH &  
GFCI PLUG FOR EXTRA SAFETY**



**HAND CARRY MODEL**

UPC CODE	MODEL NUMBER	FAN SIZE	TYPE	MOTOR HP	CFM	AMPS	SHIPPING WT. (LBS.)	LIST PRICE
686334								
855471	PM-18S	18"	HAND CARRY	1/8	5750	2.2	30	<b>940</b>
855495	PM-18C		CART				38	<b>1196</b>



**18" FAN & PUMP LID  
FOR EXISTING  
10 GALLON  
IGLOO COOLERS**

UPC CODE	MODEL NUMBER	SHIPPING WT. (LBS.)	LIST PRICE
855525	PM-18FO	28	<b>806</b>



**CART MODEL**



# PORTABLE HIGH PRESSURE MISTERS

**GENERATES A FINE WATER VAPOR OR "FOG" MIST THAT CAN REDUCE AIR TEMPERATURES UP TO 30°F**



**PUMP CART UNIT (HPM-PCT)  
SHOWN WITH 24" FAN HEAD**

**1000 PSI PUMP SYSTEM DESIGNED TO RUN ONE  
MASTER FAN & UP TO TWO SATELLITE FANS**

**MODULAR SYSTEM COMPONENTS CAN BE  
COMBINED TO CONSTRUCT A PORTABLE  
MISTING SYSTEM USING 24" OR 30",  
OSCILLATING OR NON-OSCILLATING FANS**

**FANS CAN BE OPERATED WITH  
OR WITHOUT MISTING**



## **HIGH PRESSURE PUMP SYSTEM**

- 120 volt, 11-amp, 1/2 hp motor and CAT (Brand) triplex plunger pump that delivers ½ gallon of water per minute at 1000 psi. Pump has onboard, adjustable, regulating un-loader for pressure control and pump protection; oil level sight glass and bypass system
- Pressure gage installed near the regulator for easy pressure adjustment for variable nozzle set-ups (more or less mist with up to 24 .008" anti-drip nozzles)
- 5 micron canister water filter
- Automatic low water pressure shut-off
- Female coupler for standard 5/8" water hose (water input supply)
- Three male quick disconnects for water supply to master unit and two additional satellite fans
- 3-position DPDT switch (Fan Only, Off, Fan & Pump)
- GFCI integral to cordset protects total system from leakage current.
- Pump box lid hinged for easy access with 2 stainless steel latches for lock-down

## **MASTER PUMP CART (HPM-PCT)**

- Black powder-coated cart with 10" all-terrain non-pneumatic wheels
- Permanently mounted pump container
- Cord wraps and support handle included on the column upright assembly
- Pump cart unit comes with stainless steel closed-loop misting ring ported for 8 nozzles (shipped with 8 - .008" anti-drip nozzles and 4 plugs) for the master fan

## **SATELLITE PEDESTAL BASE (HPM-P)**

- Black powder-coated column and base with 10" all-terrain non-pneumatic wheels
- Satellite fan pedestal base comes with 25' of 2500 psi rated hose and stainless steel closed-loop misting ring ported for 8 nozzles (shipped with 8 - .008" anti-drip nozzles and 4 plugs)



# PORTABLE HIGH PRESSURE MISTERS

## OSCILLATING & NON-OSCILLATING MISTING FAN HEADS FOR MASTER UNIT & SATELLITE UNITS



**SIZES** ..... 24" and 30" - oscillating and non-oscillating

**MOTOR** ..... 2-speed, 120V, 1 Ph., 1/4 hp, ball bearing, totally enclosed, permanently lubricated permanent split capacitor - UL listed.

**SWITCH** ..... Pull Chain

**GUARDS** .... White powder coated steel with 9" plastic shroud

**BLADE** ..... Steel hub/spider & aluminum paddles

**Meets All OSHA Standards**

- Oscillating model oscillates in a 90° arc or can be locked in a fixed position. Metal gears in the oscillating mechanism allow the fan to operate at a maximum 30° downward tilt.

SIZE	CFM	WT.	AMPS	NON-OSCILLATING			OSCILLATING		
				UPC 686334	MODEL	LIST	UPC 686334	MODEL	LIST
24"	6800 / 5000	44 lbs.	3.0	867108	HPM 24H	403	867122	HPM 24H-O	561
30"	7900 / 6000	48 lbs.	3.4	867115	HPM 30H	425	867139	HPM 30H-O	584

## MASTER PUMP CART & SATELLITE FAN MOUNT



**HPM-P  
SATELLITE PEDESTAL BASE  
WITH 10" WHEELS  
(SHOWN WITH 24" FAN HEAD)**

UPC 686334	MODEL	STAND TYPE	DESCRIPTION	LIST
867146	HPM-PCT		Master Cart Misting Pump System with 10" Wheels, Cart Base Stand & Upright Column, and (1) 8-Nozzle Misting Ring	3345
868228	HPM-P		Satellite Pedestal Base with 10" Wheels, Pedestal Base & Upright Column, (1) 8-Nozzle Misting Ring, and 25' of High Pressure Water Hose to connect to Master Pump Cart	811

# PERMANENT MOUNT HIGH PRESSURE MISTERS

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**1000 PSI PUMP SYSTEM DESIGNED TO RUN ONE MASTER FAN & UP TO TWO SATELLITE FANS**

**MODULAR SYSTEM COMPONENTS CAN BE COMBINED TO CONSTRUCT A PORTABLE MISTING SYSTEM USING 24" OR 30", OSCILLATING OR NON-OSCILLATING FANS**

**FANS CAN BE OPERATED WITH OR WITHOUT MISTING**



**PUMP UNIT (HPM-PU)  
SHOWN WITH 24" FAN HEAD**

**SATELLITE FAN HEAD  
SHOWN WITH  
WALL / POLE MOUNT  
(HPM-W)**

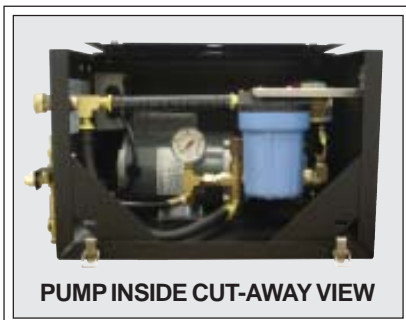


## HIGH PRESSURE PUMP SYSTEM

- 120 volt, 11-amp, 1/2 hp motor and CAT (Brand) triplex plunger pump that delivers ½ gallon of water per minute at 1000 psi. Pump has onboard, adjustable, regulating un-loader for pressure control and pump protection; oil level sight glass and bypass system
- Pressure gage installed near the regulator for easy pressure adjustment for variable nozzle set-ups (more or less mist with up to 24 .008" anti-drip nozzles)
- 5 micron canister water filter
- Automatic low water pressure shut-off
- Female coupler for standard 5/8" water hose (water input supply)
- Three male quick disconnects for water supply to master unit and two additional satellite fans
- 3-position DPDT switch (Fan Only, Off, Fan & Pump)
- GFCI integral to cordset protects total system from leakage current.
- Pump box lid hinged for easy access with 2 stainless steel latches for lock-down

## MASTER PUMP UNIT (HPM-PU)

- Black powder-coated pump container
- Pump unit can be mounted to a wall or pole (4" to 8" diameter) with optional wall/pole mounting kit (HPM-PUM) or on a user supplied table or shelf



**PUMP INSIDE CUT-AWAY VIEW**



# PERMANENT MOUNT HIGH PRESSURE MISTERS

## OSCILLATING & NON-OSCILLATING MISTING FAN HEADS

### FOR MASTER UNIT & SATELLITE UNITS



**SIZES** ..... 24" and 30" - oscillating and non-oscillating

**MOTOR** ..... 2-speed, 120V, 1 Ph., 1/4 hp, ball bearing, totally enclosed, permanently lubricated permanent split capacitor - UL listed.

**SWITCH** ..... Pull Chain

**GUARDS** .... White powder coated steel with 9" plastic shroud






**BLADE** ..... Steel hub/spider & aluminum paddles

**Meets All OSHA Standards**

- Oscillating model oscillates in a 90° arc or can be locked in a fixed position. Metal gears in the oscillating mechanism allow the fan to operate at a maximum 30° downward tilt.
- Oscillating motors can only be used with any mount (below) when motor can be mounted in the upright position.

SIZE	CFM	WT.	AMPS	NON-OSCILLATING			OSCILLATING		
				UPC 686334	MODEL	LIST	UPC 686334	MODEL	LIST
24"	6800 / 5000	44 lbs.	3.0	867108	HPM24H	403	867122	HPM 24H-O	561
30"	7900 / 6000	48 lbs.	3.4	867115	HPM30H	425	867139	HPM 30H-O	584

### MASTER PUMP & MOUNT COMPONENTS

UPC 686334	MODEL	DESCRIPTION	LIST
868204	HPM-PU	 Master Pump Unit (For use with up to three fan heads)	2790
868211	HPM-PUM	 Master Pump Wall Mounting Bracket (For use with Master Pump Misting Unit)	170
867177	HPM-W	 Wall / Pole Mounting Bracket (Includes One 8-Nozzle Misting Ring and 25' of High Pressure Water Hose to connect to Master Pump Misting Unit)	556
867191	HPM-C	 Ceiling / Bench Mounting Bracket (Includes One 8-Nozzle Misting Ring and 25' of High Pressure Water Hose to connect to Master Pump Misting Unit)	527
867184	HPM-I	 I-Beam Mounting Bracket (Includes One 8-Nozzle Misting Ring and 25' of High Pressure Water Hose to connect to Master Pump Misting Unit)	561

Note: Wall mount (HPM-W) and master pump wall mounting bracket (HPM-PUM) can bolt to a wall or mount to a 4", 6" or 8" pole with u-bolts (not supplied)



Note: I-beam & ceiling mount requires 1-1/2" or longer pipe nipples for assembly (not supplied)