

**Environmental Cooling
& Reduce Pollution**
High Pressure Misting Fan

**Reduce
Indoor Temperature**
Portable Evaporative
Cooling Fan



**Environmental Temperature
Treatment Specialist**
www.formosafan.com



All Product Series Match with Solar Panel

Splash Resistant, Sun-block & Leakage Protection Design

Touch Panel, Remote Control & Data Feedback Mechanism

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High Pressure Misting Fan P3-10

36" High Pressure Misting Fan
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36" Hanging High Pressure Misting Fan
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| **CFD-20PL**

Portable Evaporative Cooling Fan
| **CFD-20PA**

36" Portable Evaporative Cooling Fan
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High Pressure Misting Pump P19-22

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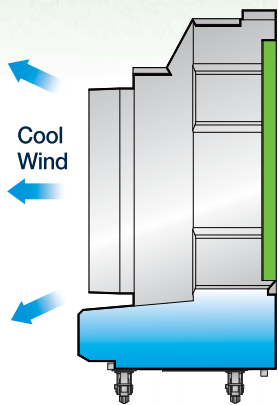
1.5L High Pressure Misting Pump
| **DMP-15-16N**



**Energy Saving
DC Brushless
Motor Design**

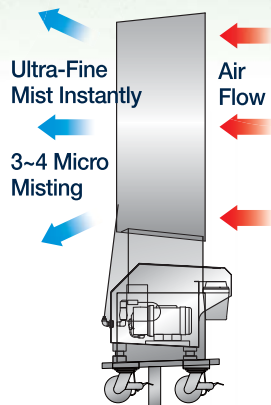
**Special Impeller
Design, Wider
Air Supply**

**Decrease Dust
and Heat Level**



Evaporative Cooling Fan

- The cool wind can help reduce the temperature of an area by 5 degrees Celsius.
- Dry air not damp.
- Portable.
- Energy efficient, BLDC motor only consumes 1/4 amperage of a traditional AC motor.
- Easy to control, remote control available.
- Air blows in a wide range.



High Pressure Misting Fan

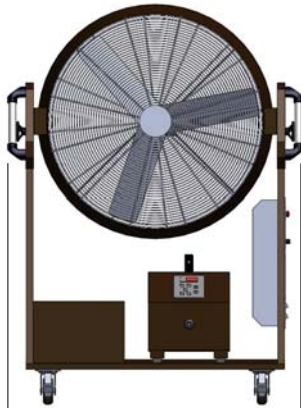
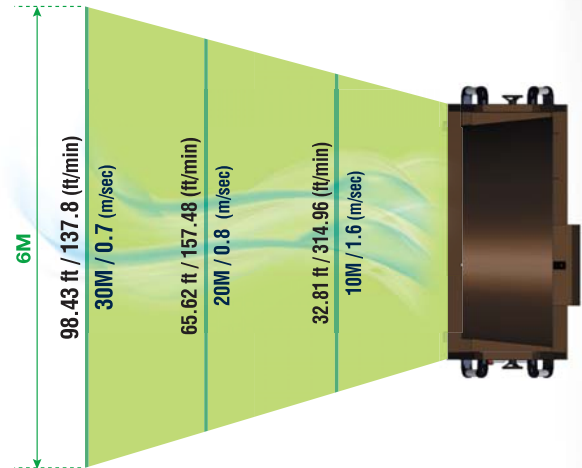
- The mist wind can help reduce the temperature of an area by 5 degrees Celsius.
- Energy efficient, BLDC motor only consumes 1/4 amperage of a traditional AC motor.
- Only uses clean water.
- Easy to control, remote control available.
- Water filter.
- Stainless pipes to prevent rust formation.
- Air blows in a wide range.

Patent Application

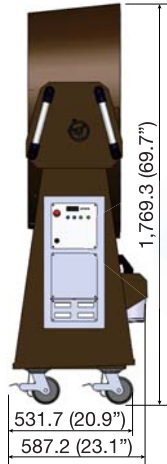
MFG-36

36" High Pressure Misting Fan

Exclusive design of impeller will lower the temperature effectively.



1,301 (51.2")
Unit: mm



1,769.3 (69.7")
531.7 (20.9")
587.2 (23.1")

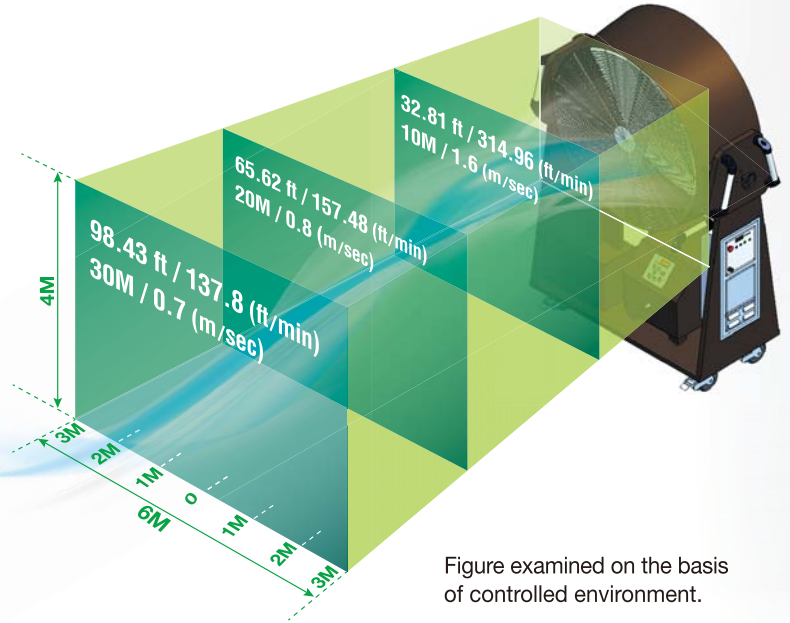


Figure examined on the basis of controlled environment.

Fan	Dimension	36"
	Fan Power	3/4 HP / 563 W (DC Brushless Motor)
	Fan Amperage	110V-6A / 220V-3A
Pump	Fan Power	1/3HP / 250W
	Fan Amperage	110V-4A / 220V-2.2A
	Electrical Supply	110V, 60Hz, 1PH / 220V, 50Hz, 1PH
	Air Delivery	14,000 CFM / 23,783 m ³ /hr
	Electrical Supply	110V, 60Hz, 1PH / 220V, 50Hz, 1PH
	Controller	Touch Sensitive Control Panel with Remote Control. (Splash Resistant)
	Mist Volume	1.5 ℓ/min
	Temperature Decrease Area	3,500 s.f / 325 m ²
	Unit Dimensions	51.2" x 20.9" x 69.7" 1,301 x 532 x 1,769 mm
	Electricity Consumption (per month)	<ul style="list-style-type: none"> 110V-114.68 kWh / 220V-111.23 kWh (Condition: Motor & Pump Rotate Full Speed for 5 Hours)



Application

Outdoor

Construction Site | Camping
Sports Field | Livestock

Temperature Decrease Area (LxWxH)

30x6x4M

Max. Temperature Decrease Area

3,500 s.f. / 325 m²



Advantage

High Efficiency Brushless DC Motor + Motor Driver



Leakage Protection



Solar Panels Available



Modularized, All-in-one Body Design is Made with Easy to Maintain Materials that are Resistant to Heat and Water



Touch Sensitive Control Panel + Remote controller, (Feedback Control Signal from Control Panel)



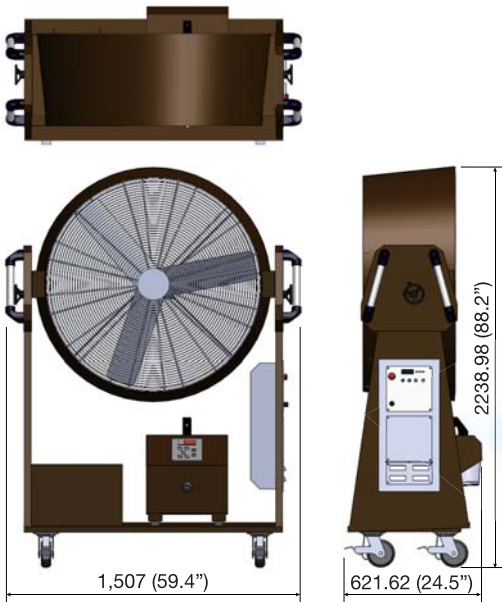
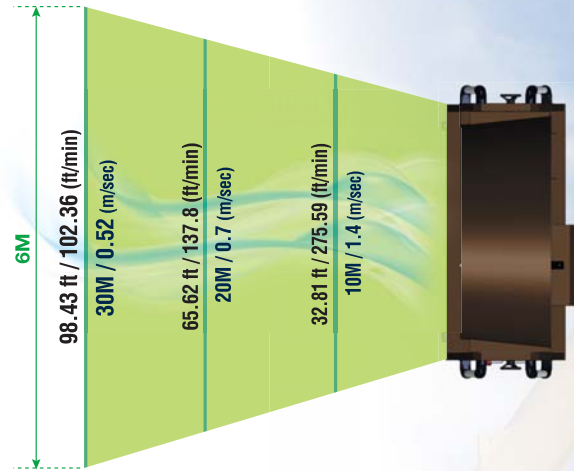
Whole Unit
Splash Resistant
Design

Patent Application

MFG-50

50" High Pressure Misting Fan

Exclusive design of impeller will lower the temperature effectively.



Unit: mm

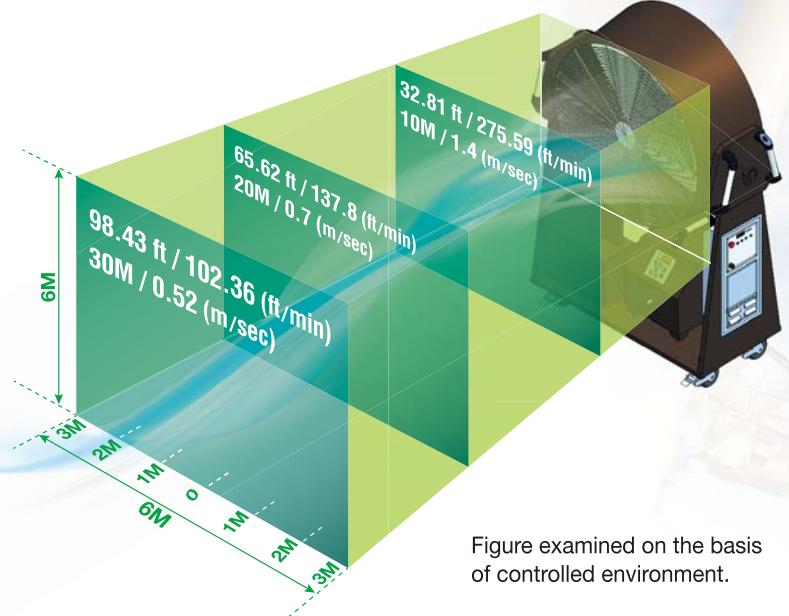


Figure examined on the basis of controlled environment.

Fan	Dimension	50"
	Fan Power	1.0 HP / 750 W (DC Brushless Motor)
	Fan Amperage	110V-8.3A / 220V-4A
Pump	Fan Power	1/3 HP / 250 W
	Fan Amperage	110V-4A / 220V-2.2A
	Electrical Supply	110V, 60Hz, 1PH / 220V, 50Hz, 1PH
Air Delivery	20,000 CFM / 33,975 m ³ /hr	
Electrical Supply	110V, 60Hz, 1PH / 220V, 50Hz, 1PH	
Controller	Touch Sensitive Control Panel with Remote Control. (Splash Resistant)	
Mist Volume	1.5 ℓ/min	
Temperature Decrease Area	4,655 s.f / 432 m ²	
Unit Dimensions	59.4" x 24.5" x 88.2"	
	1,507 x 622 x 2,239 mm	
Electricity Consumption (per month)	<ul style="list-style-type: none"> 110V-154.28 kWh / 220V-149.64 kWh (Condition: Motor & Pump Rotate Full Speed for 5 Hours) 	



Application

Outdoor

Playground | Construction Site
Stadium | Livestock

Temperature Decrease Area (LxWxH)

30x6x6M

Max. Temperature Decrease Area

4,655 s.f./ 432 m²



Advantage

High Efficiency Brushless DC Motor + Motor Driver



Leakage Protection



Solar Panels Available



Modularized, All-in-one Body Design is Made with Easy to Maintain Materials that are Resistant to Heat and Water



Touch Sensitive Control Panel + Remote controller, (Feedback Control Signal from Control Panel)



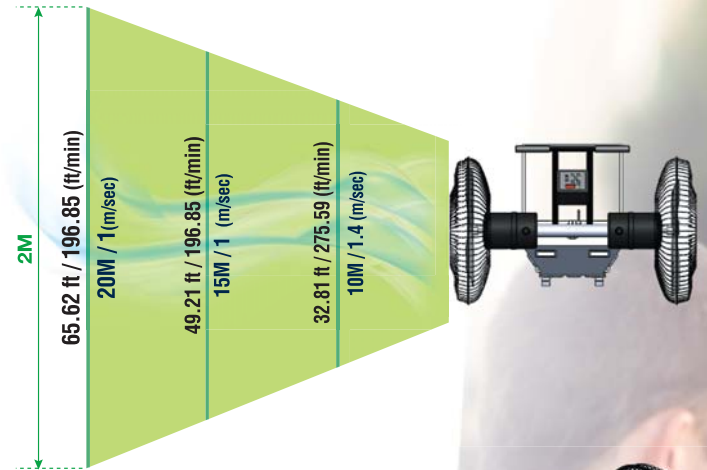
Whole Unit
Splash Resistant
Design

Patent No. M518276

MFG-30D

High Pressure Portable Misting Fan with Dual 30" Fan Head

Exclusive design of impeller will lower the temperature effectively.



Unit: mm

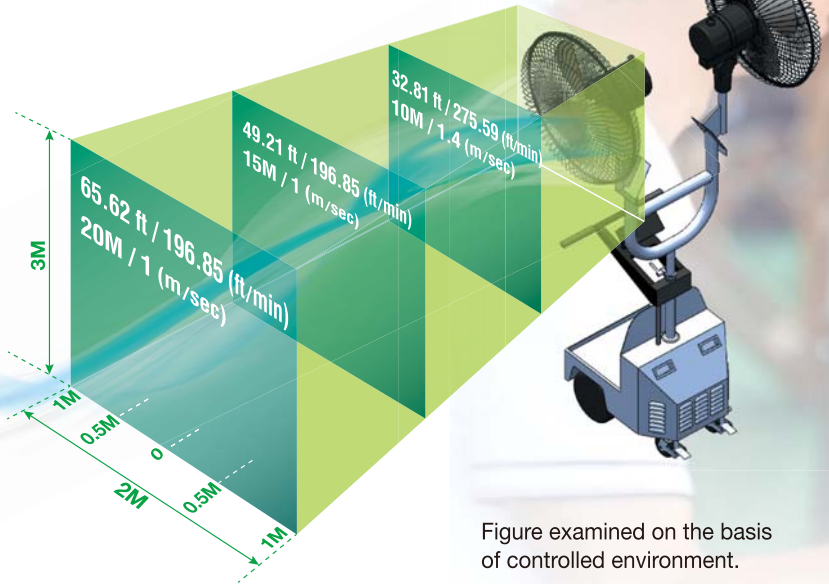
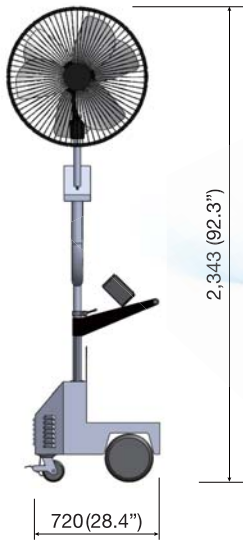


Figure examined on the basis of controlled environment.

	Dimension	30" x 2
Fan	Fan Power	0.29HP / 218W-110V / 0.21HP / 153W-220V
	Fan Amperage	110V-4.1A / 220V-1.62A
	Fan Power	1/4HP / 170W
Pump	Fan Amperage	110V-3A / 220V-1.5A
	Electrical Supply	110V, 60Hz, 1PH / 220V, 50Hz, 1PH
	Air Delivery	8,865 CFM / 15,059 m ³ /hr
	Electrical Supply	110V, 60Hz, 1PH / 220V, 50Hz, 1PH
	Mist Volume	0.5 ℓ/min
	Controller	Touch Sensitive Control Panel with Remote Control. (Splash Resistant)
	Temperature Decrease Area	2,487 s.f / 231 m ²
	Unit Dimensions	20.8" x 28.4" x 92.3" 528 x 720 x 2,343 mm
	Electricity Consumption (per month)	<ul style="list-style-type: none"> 110V-105.27 kWh / 220V-102.11 kWh (Condition: Motor & Pump Rotate Full Speed for 5 Hours)



Application

Outdoor
Restaurant | Garden
Camping | Livestock

Temperature Decrease Area (LxWxH)

20x2x3Mx2

Max. Temperature Decrease Area

2,487 s.f./231 m²

Advantage

Oil-less / Greaseless Lubrication
in Pump Circulation
Lightweight /
Easy Maintenance



Solar Panels
Available



Whole Unit
Splash Resistant
Design

Leakage Protection



Touch Sensitive Control Panel +
Remote controller, (Feedback
Control Signal from Control Panel)

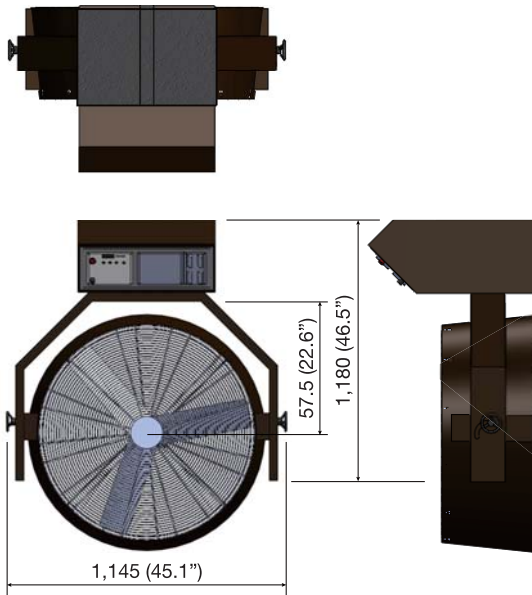
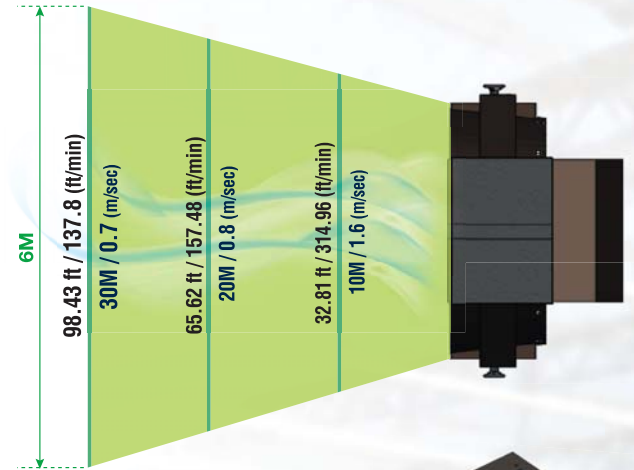


Patent Application

MFH-36

Hanging High Pressure Misting Fan

Exclusive design of impeller will lower the temperature effectively.



Unit: mm

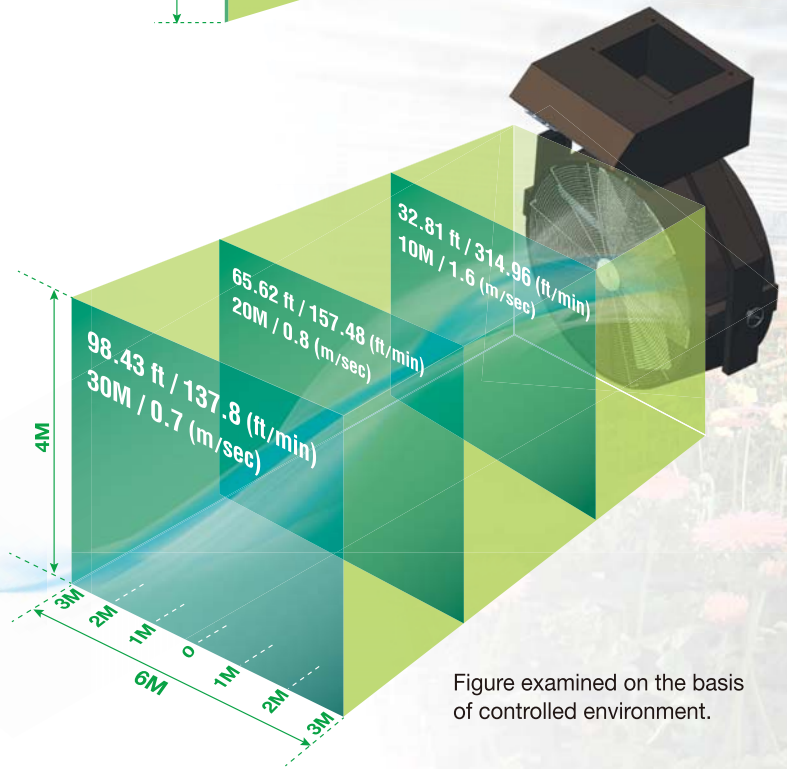
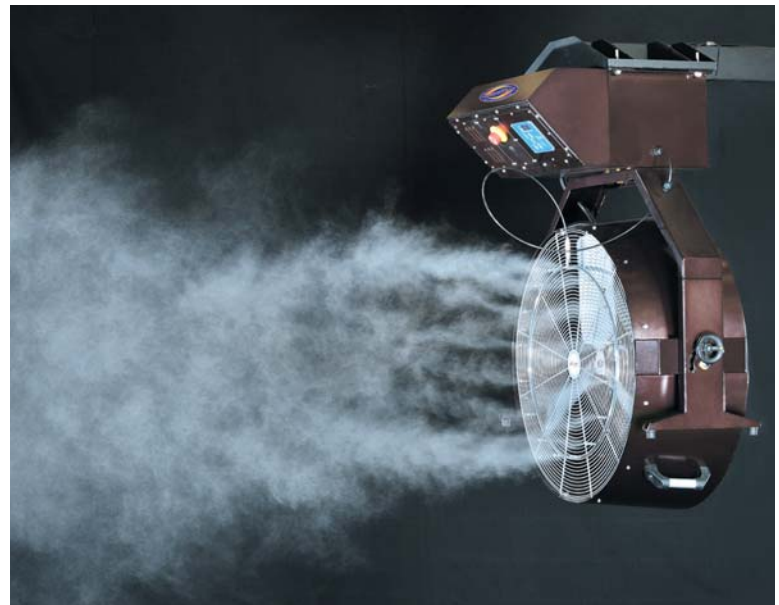


Figure examined on the basis of controlled environment.

Fan	Dimension	36"
	Fan Power	3/4 HP / 563 W (DC Brushless Motor)
	Fan Amperage	110V-6A / 220V-3A
Pump	Fan Power	1/3HP / 250W
	Fan Amperage	110V-4A / 220V-2.2A
	Electrical Supply	110V, 60Hz, 1PH / 220V, 50Hz, 1PH
Air Delivery	14,000 CFM / 23,783 m ³ /hr	
Electrical Supply	110V, 60Hz, 1PH / 220V, 50Hz, 1PH	
Mist Volume	1.5 ℓ/min	
Controller	Touch Sensitive Control Panel with Remote Controll. (Splash Resistant)	
Temperature Decrease Area	3,500 s.f / 325 m ²	
Unit Dimensions	55.3" x 23.1" x 70.4"	
	1,301 x 587 x 1,787 mm	
Electricity Consumption (per month)	<ul style="list-style-type: none"> 110V-103.46 kWh / 220V-100.35 kWh (Condition: Motor & Pump Rotate Full Speed for 5 Hours) 	





★ Customizable Arm Length
Short section rotate range up to max 180°

Short section rotate range up to max 300°

Rotate range up to max 120°

Application
Garden | Restaurant | Warehouse | Livestock

Elevation Angle Greater Than 90°

Temperature Decrease Area (LxWxH)

30x6x4M

Max. Temperature Decrease Area

3,500 s.f./325 m²

Advantage



Whole Unit Splash Resistant Design

High Efficiency Brushless DC Motor + Motor Driver



Solar Panels Available



Modularized, All-in-one Body Design is Made with Easy to Maintain Materials that are Resistant to Heat and Water



Leakage Protection



Touch Sensitive Control Panel + Remote controller, (Feedback Control Signal from Control Panel)

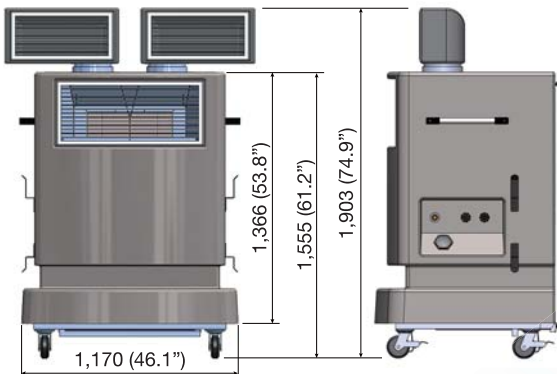
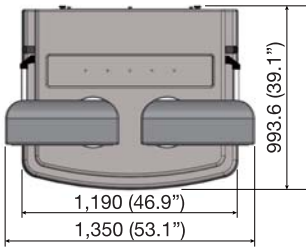


Patent No. M490565

CFD-20PL

Portable Evaporative Cooling Fan

Exclusive design of impeller will lower the temperature effectively.



Unit: mm

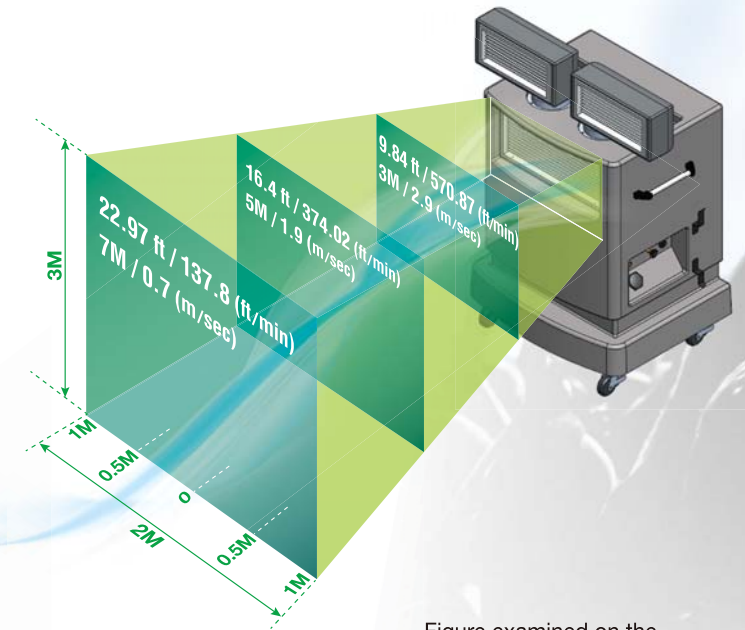
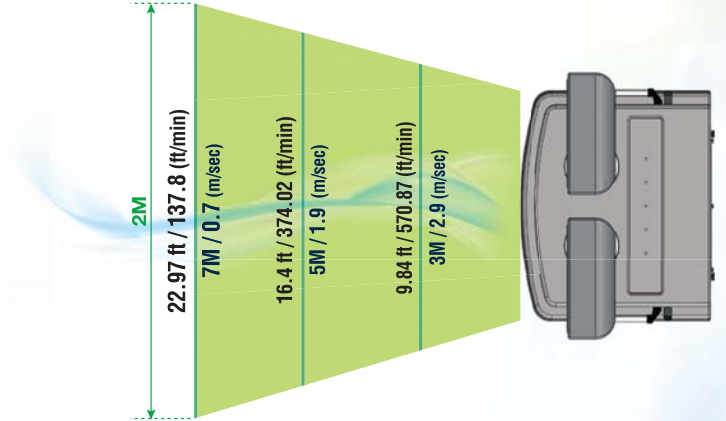
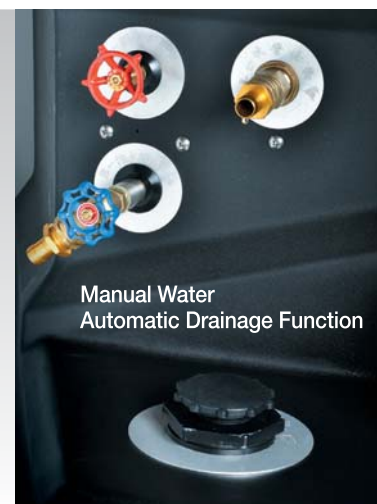


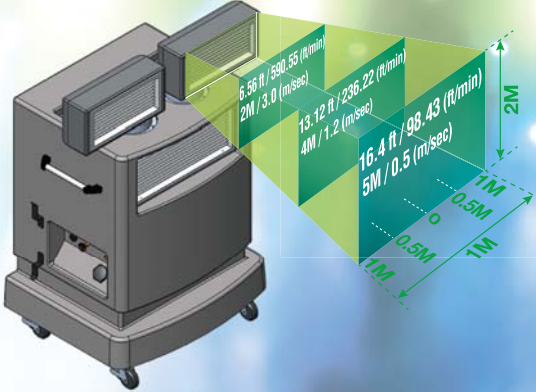
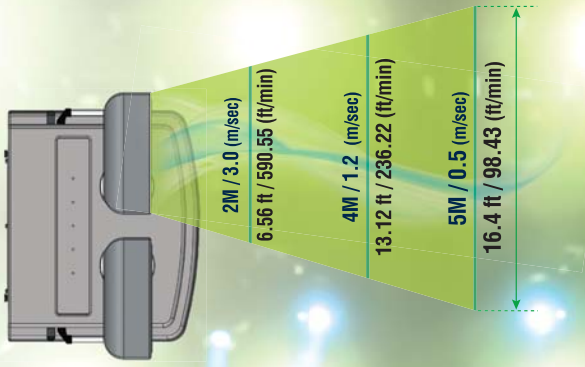
Figure examined on the basis of controlled.

Fan	Dimension	9-1/2" x 2
	Fan Power	1.5 HP / 1125 W (DC Brushless Motor)
	Fan Amperage	110V-10A / 220V-5.5A
Pump	Fan Power	1/8HP / 100W
	Fan Amperage	110V-2A / 220V-2A
	Electrical Supply	110V, 60Hz, 1PH / 220V, 50Hz, 1PH
	Air Delivery	7,000 CFM / 11,891 m ³ /hr
	Electrical Supply	110V, 60Hz, 1PH / 220V, 50Hz, 1PH
	Water Tank Capacity	33.5 gallons / 127 Liter
	Controller	Touch Sensitive Control Panel with Remote Control. (Splash Resistant)
	Temperature Decrease Area	2,000 s.f / 186 m ²
	Unit Dimensions	53.1" x 39.1" x 74.9"
		1,350 x 994 x 1,903 mm
	Electricity Consumption (per month)	110V-186.78 kWh / 220V-181.18 kWh (Condition: Motor & Pump Rotate Full Speed for 5 Hours)



Application

Outdoor
Concert | Restaurant
Factory | Stadium



Upper-Temperature Decrease Area (LxWxH)

5x1x2Mx2

Lower-Temperature Decrease Area (LxWxH)

7x2x3M

Max. Temperature Decrease Area

2,000 s.f./186m²

360° Multi-angle Cooling



High Efficiency Brushless DC Motor + Motor Driver



Touch Sensitive Control Panel + Remote controller, (Feedback Control Signal from Control Panel)



Leakage Protection



Solar Panels Available

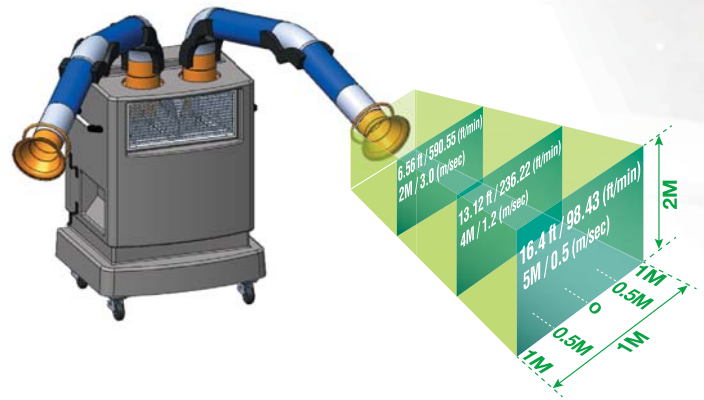
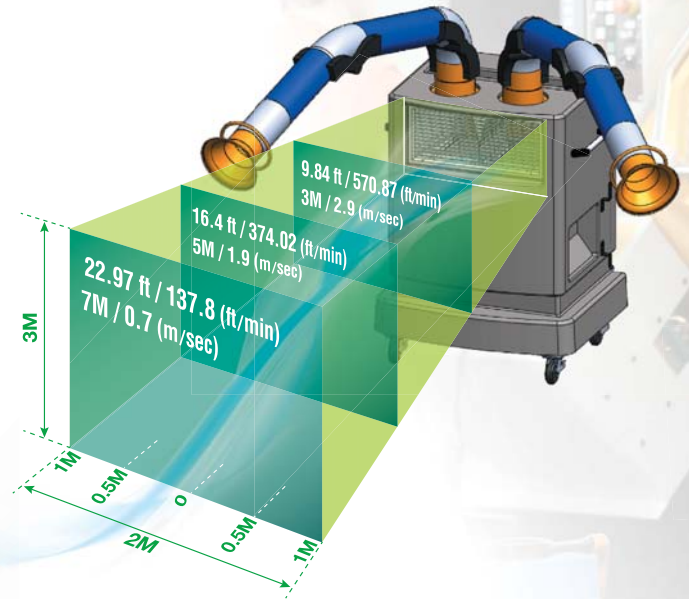
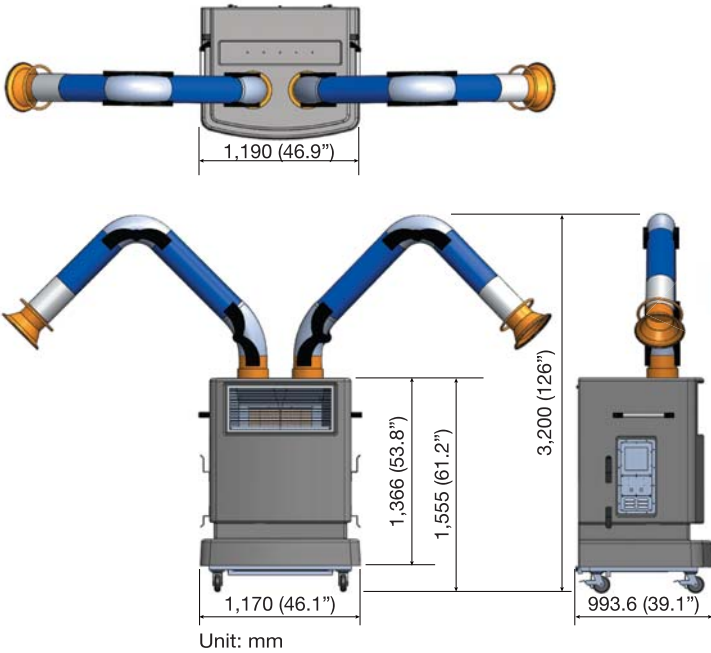


Patent No. M490565

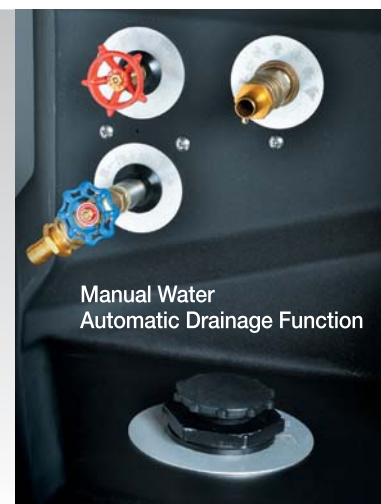
CFD-20PA

Portable Evaporative Cooling Fan

- Adjustable Blower Arm
- Efficient energy use
- Appointed area of cooling delivery
- Economical use of space



Fan	Dimension	9-1/2" x 2
	Fan Power	1.5 HP / 1125 W (DC Brushless Motor)
	Fan Amperage	110V-10A / 220V-5.5A
Pump	Fan Power	1/8HP / 100W
	Fan Amperage	110V-2A / 220V-2A
	Electrical Supply	110V, 60Hz, 1PH / 220V, 50Hz, 1PH
	Air Delivery	7,000 CFM / 11,891 m³/hr
	Electrical Supply	110V, 60Hz, 1PH / 220V, 50Hz, 1PH
	Water Tank Capacity	33.5 gallons / 127 Liter
	Controller	Touch Sensitive Control Panel with Remote Control. (Splash Resistant)
	Temperature Decrease Area	2,000 s.f / 186 m²
	Unit Dimensions	46.1" x 39.1" x 126" (Including Arm Height)
		1,170 x 994 x 3,200 mm (Including Arm Height)
	Electricity Consumption (per month)	110V-186.78 kWh / 220V-181.18 kWh (Condition: Motor & Pump Rotate Full Speed for 5 Hours)



Wind Type Arm-Temperature Decrease Area (LxWxH)

5x1x2Mx2

Lower-Temperature Decrease Area (LxWxH)

7x2x3M

Max. Temperature Decrease Area

2,000 s.f./ 186m²

Application

Indoor

CNC Processing

Rubber Processing Plant

Plastic Injection Plant

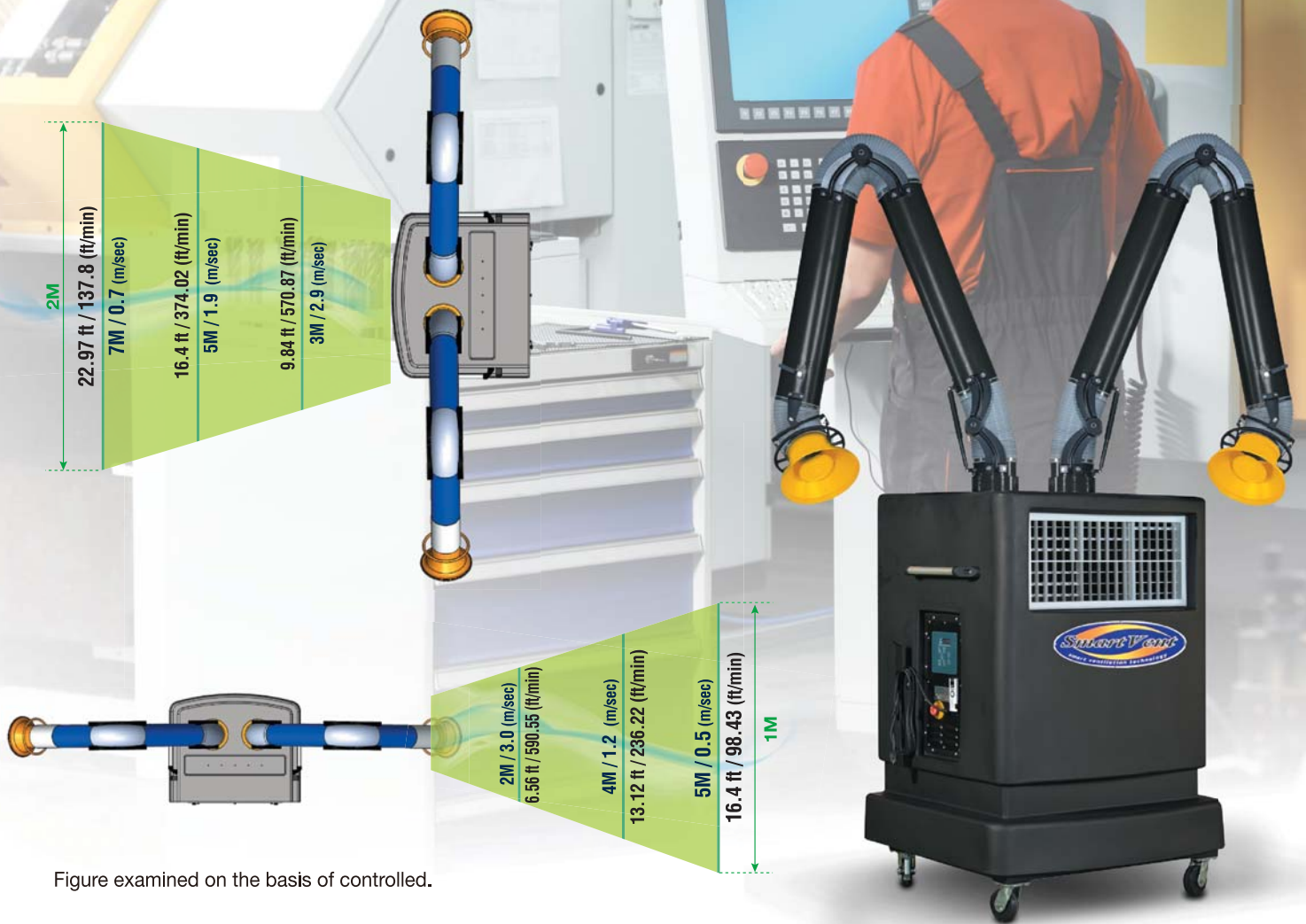


Figure examined on the basis of controlled.

High Efficiency Brushless DC Motor + Motor Driver



Touch Sensitive Control Panel + Remote controller, (Feedback Control Signal from Control Panel)



Leakage Protection



Solar Panels Available

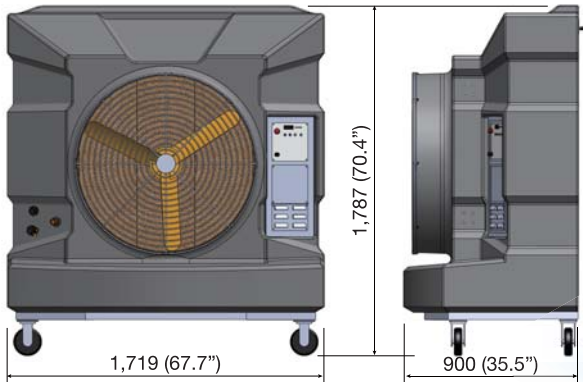


Patent No. D170892

CFG-36

36" Portable Evaporative Cooling Fan

Exclusive design of impeller will lower the temperature effectively.



Unit: mm

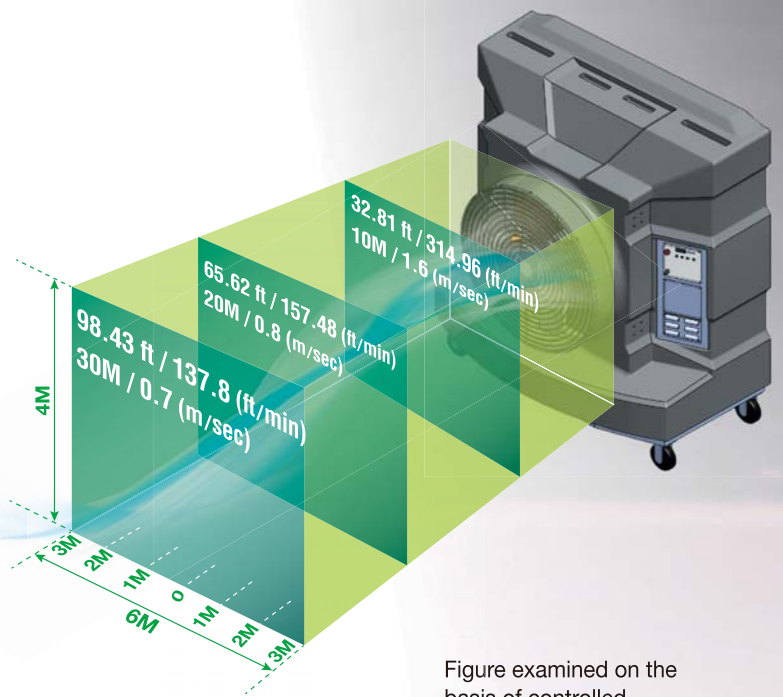
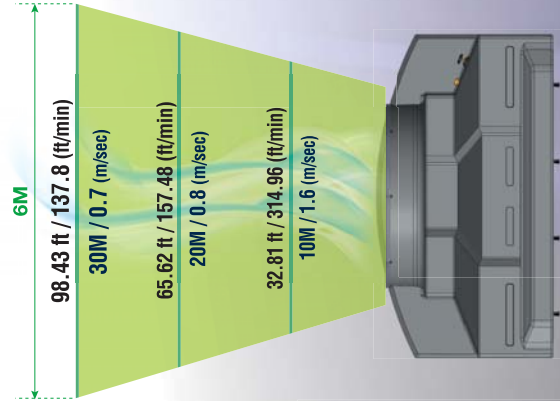
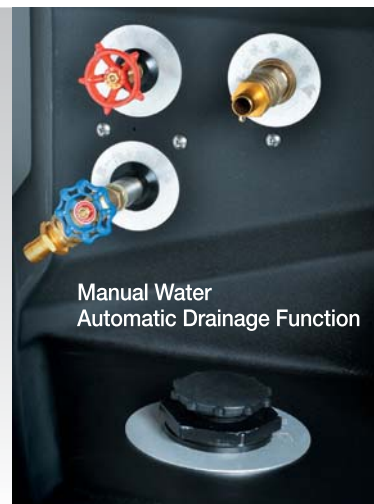


Figure examined on the basis of controlled.

Fan	Dimension	36"
Fan	Fan Power	3/4 HP / 563 W (DC Brushless Motor)
Fan	Fan Amperage	110V-6A / 220V-3A
Pump	Fan Power	1/8HP / 100W
Pump	Fan Amperage	110V-2A / 220V-2A
Pump	Electrical Supply	110V, 60Hz, 1PH / 220V, 50Hz, 1PH
Air Delivery		14,000 CFM / 23,783 m ³ /hr
Electrical Supply		110V, 60Hz, 1PH / 220V, 50Hz, 1PH
Water Tank Capacity		37 gallons / 143 Liter
Controller		Touch Sensitive Control Panel with Remote Control. (Splash Resistant)
Temperature Decrease Area		3,500 s.f / 325 m ²
Unit Dimensions		67.7" x 35.5" x 70.4"
Electricity Consumption (per month)		110V-122.1 kWh / 220V-118.44 kWh (Condition: Motor & Pump Rotate Full Speed for 5 Hours)



Whole Unit Splash Resistant Design



Manual Water Automatic Drainage Function

Application

Outdoor & Indoor

Sports Field | Restaurant
Concert



Temperature Decrease Area (LxWxH)

30x6x4M

Max. Temperature Decrease Area

3,500 s.f./325 m²

High Efficiency Brushless DC Motor +
Motor Driver



Touch Sensitive Control
Panel + Remote controller,
(Feedback Control Signal
from Control Panel)



Leakage
Protection



Solar Panels Available

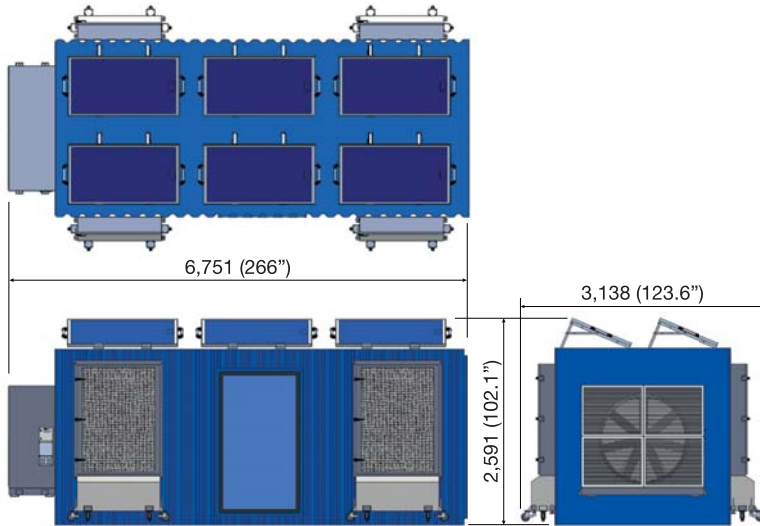


Patent No. D507502

CFC-48

Portable Evaporative Cooling Fan Container Houses

Exclusive design of impeller will lower the temperature effectively.



Unit: mm

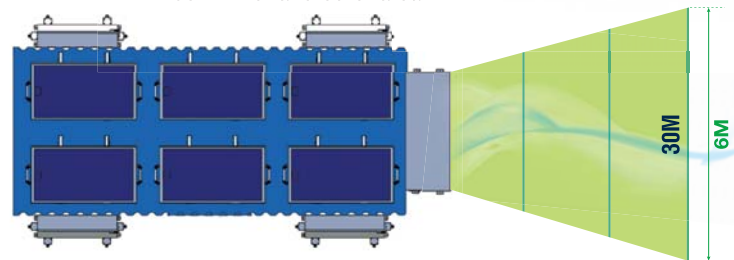
Inside-Temperature Decrease Area (LxWxH)

6x2.5x2.5 M

Outside-Temperature Decrease Area (LxWxH)

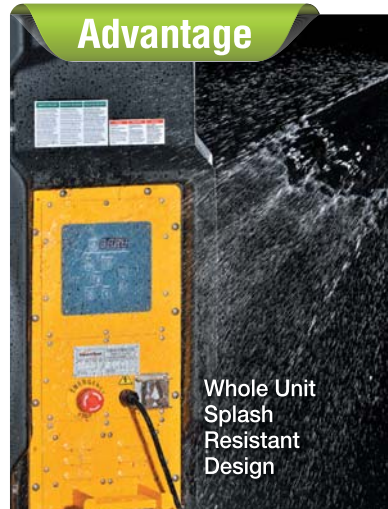
30x6x5 M

Multi-function, temperature decrease for both inner and outer area.



Fan	Dimension	48"
	Fan Power	1HP / 750W (DC Brushless Motor)
	Fan Amperage	110V-8.3A / 220V-4A
	Fan Power	1/8HP / 100W x 4
Pump	Fan Amperage	110V-8A / 220V-8A
	Electrical Supply	110V, 60Hz, 1PH / 220V, 50Hz, 1PH
Air Delivery		20,000 CFM / 33,975 m ³ /hr
Electrical Supply		110V, 60Hz, 1PH / 220V, 50Hz, 1PH
Water Tank Capacity		25 gallons x 4 / 380 Liter
Controller		Touch Sensitive Control Panel with Remote Controller. (Splash Resistant)
Temperature Decrease Area		5,625 s.f / 523 m ² (External Areas)
Unit Dimensions		266" x 123.6" x 102.1" 6,751 x 3,138 x 2,591 mm
Electricity Consumption (per month)		110V-210.05 kWh / 220V-203.74 kWh (Condition: Motor & Pump Rotate Full Speed for 5 Hours)

Advantage



Whole Unit Splash Resistant Design

Leakage Protection



Application

Outdoor Construction Site



Max. Inside-Temperature Decrease Area

161 s.f./15m²

Max. Outside-Temperature Decrease Area

5,625 s.f./523m²



High Efficiency Brushless DC Motor + Motor Driver



Touch Sensitive Control Panel + Remote controller, (Feedback Control Signal from Control Panel)



Solar Panels Available

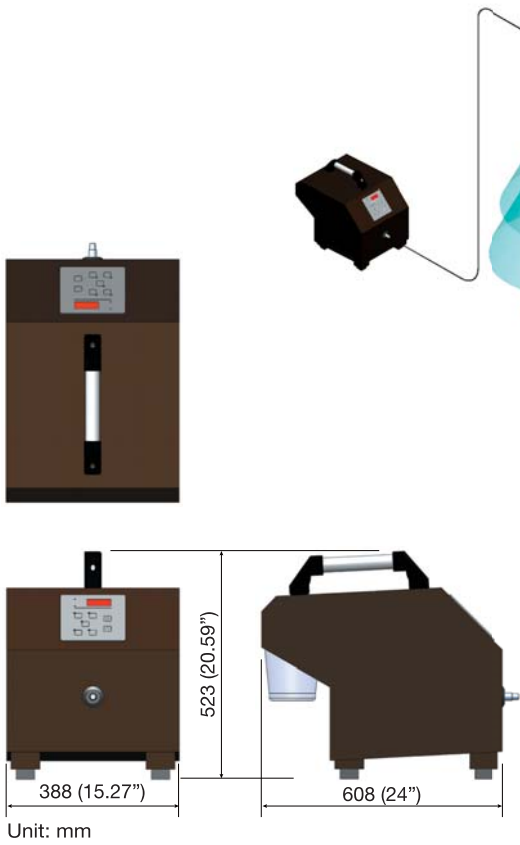


Patent Application

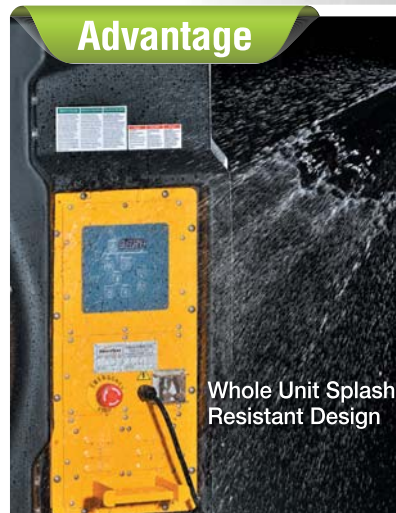
DMP-30-48

3L High Pressure Misting Pump

- Support up to 48 nozzles (Equivalent to 12 umbrella sets)
- Quick assembly
- Long-lasting power and energy efficiency



Pump	Fan Power	1/2HP / 150W
	Fan Amperage	110V-7A / 220V-3.5A
	Electrical Supply	110V, 60Hz, 1PH / 220V, 50Hz, 1PH
Mist Volume	3 l/min	
Controller	Touch Sensitive Control Panel with Remote Control. (Splash Resistant)	
Unit Dimensions	15.27" x 24" x 20.59"	
	388 x 608 x 523 mm	



Advantage

Whole Unit Splash Resistant Design

Leakage Protection



Application

Outdoor

Outdoor Restaurant
Garden | Camping



Modularized, All-in-one Body Design is Made with Easy to Maintain Materials that are Resistant to Heat and Water



Touch Sensitive Control Panel + Remote controller, (Feedback Control Signal from Control Panel)



Solar Panels Available



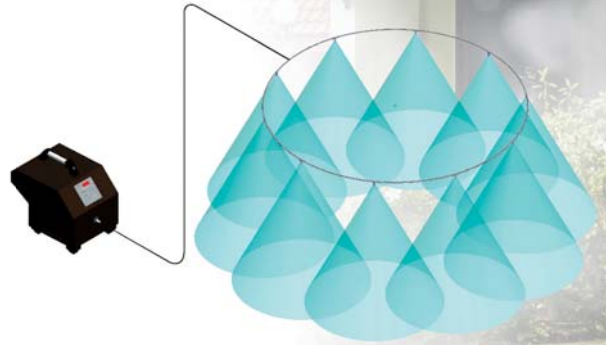
Patent Application

DMP-15-16Q

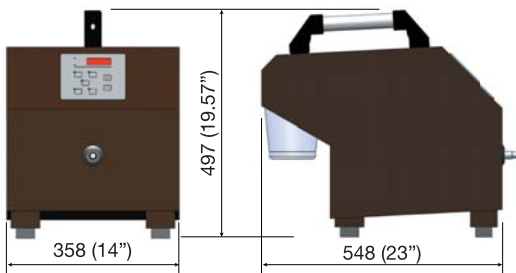
DMP-15-16N

1.5L High Pressure Misting Pump

- Support up to 16 nozzles (Equivalent to 4 umbrella sets)
- Quick assembly
- Long-lasting power and energy efficiency

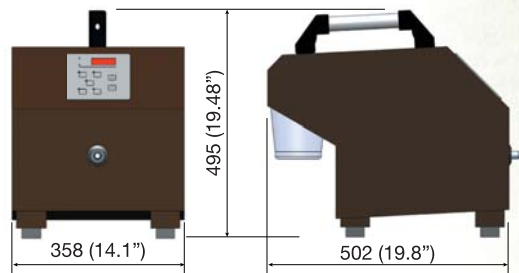


DMP-15-16Q



Unit: mm

DMP-15-16N



Unit: mm

	DMP-15-16Q	DMP-15-16N	
Pump	Fan Power	1/3HP / 250W	1/4HP / 170W
	Fan Amperage	110V-4A / 220V-2.2A	110V-3A / 220V-1.5A
	Electrical Supply	110V, 60Hz, 1PH / 220V, 50Hz, 1PH	
Mist Volume	1.5 ℓ/min	0.5 ℓ/min	
Controller	Touch Sensitive Control Panel with Remote Control. (Splash Resistant)		
Unit Dimensions	14" x 23" x 19.57"	14.1" x 19.8" x 19.48"	
	358 x 548 x 497 mm	358 x 502 x 495 mm	

Advantage



Whole Unit
Splash Resistant
Design

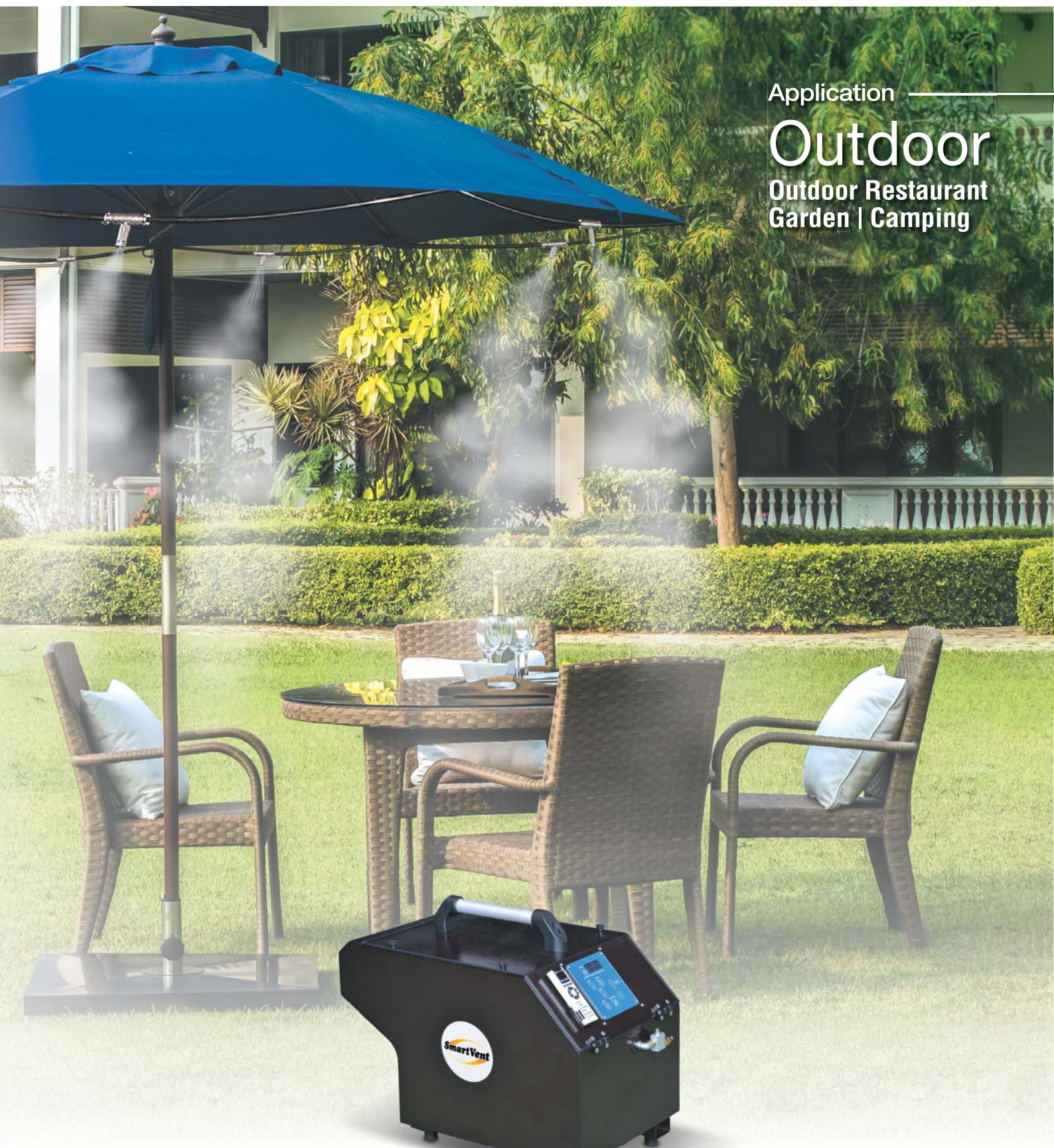
DMP-15-16Q
Modularized, All-in-one Body Design is Made with Easy to Maintain Materials that are Resistant to Heat and Water



Application

Outdoor

Outdoor Restaurant
Garden | Camping



DMP-15-16N
Oil-less / Greaseless Lubrication
in Pump Circulation
Lightweight / Easy Maintenance



Touch Sensitive Control Panel +
Remote controller, (Feedback
Control Signal from Control Panel)



Leakage
Protection



Solar Panels Available





Formosafan Technology Co., Ltd.

No.8, Lizhou Rd., Shengang Dist.,
Taichung City 429, Taiwan
T +886-4-2562-9923 F +886-4-2563-1022

sales1@formosafan.com
www.formosafan.com



Misting System
Reduce Temperature
High Pressure Misting Pump



Reduce
Outdoor Temperature
High Pressure Portable Misting
Fan with Dual Head

