



物理農業機械股份有限公司

WULI AGRICULTURE MACHINE CO., LTD.

動力噴霧機、高壓洗淨機、微霧系統專業設計製造

PORTABLE MISTING FAN OPERATION MANUAL

MODEL

WMF-10005-5S

WMF-10005-6S

WMF-10005-5D

WMF-10005-6D

WMF-10005-5F

WMF-10005-6F

感謝您購買物理產品，使用前請詳閱本說明

Thank you for choosing our product.

Please read the operation manual before use.

GENERAL SAFETY INFORMATION



ATTENTION

- Read the manual and safety precautions before using the misting fan.
- Please make sure the misting fan is properly grounded.
- While operating the misting fan, please supervise the safety of children.
- To reduce the risk of short circuit, please place the misting fan in a dry place.
- Please empty the water from the tank when not in use.



WARNINGS

- The electrical power supply voltage and frequency must match that specified on the misting fan.
- To reduce the risk of electric shock, turn off the motor before any maintenance and troubleshooting.
- The unit must not be run without water. Lack of water will cause serious damage to the pump.

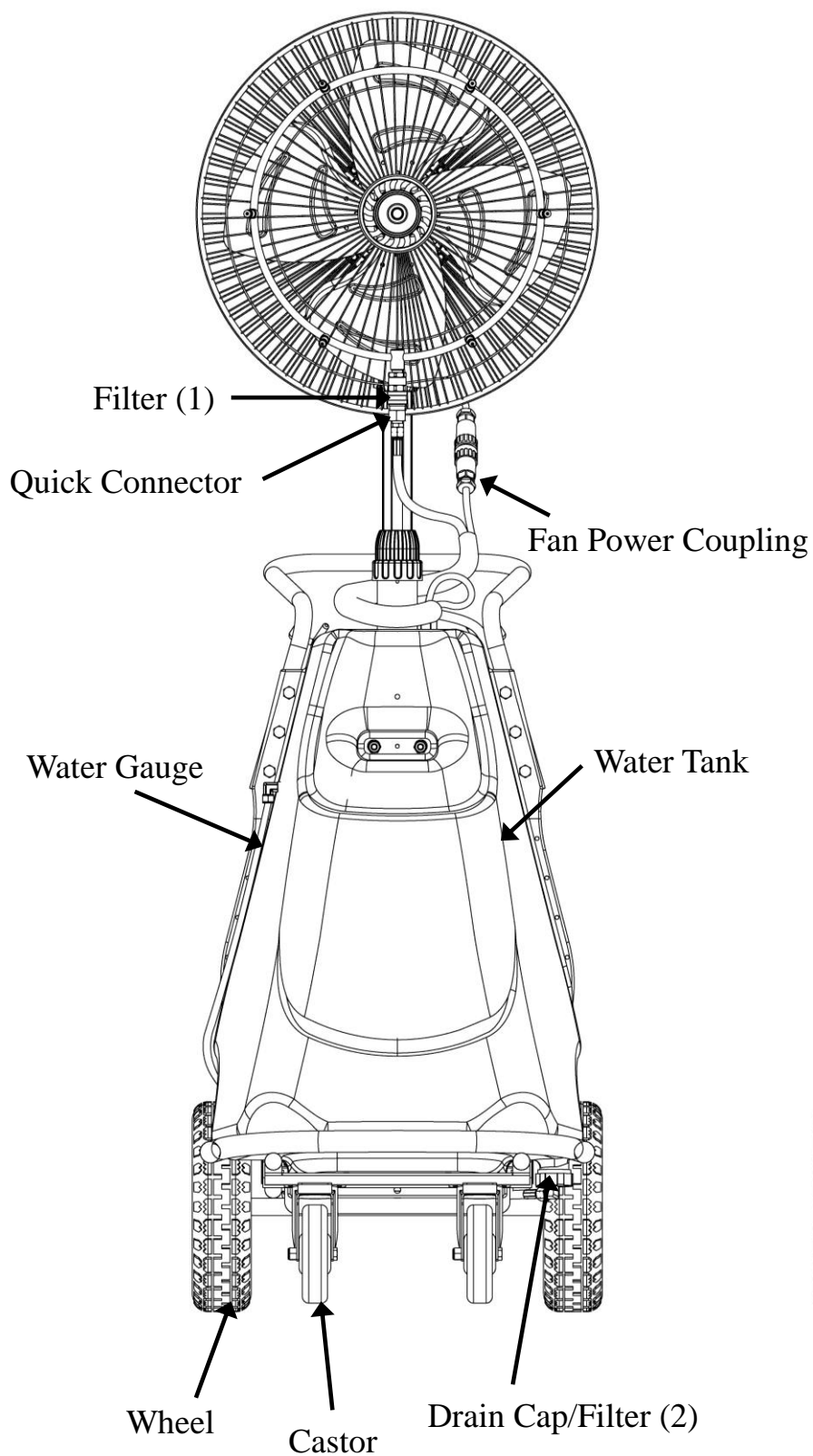


DANGEROUS

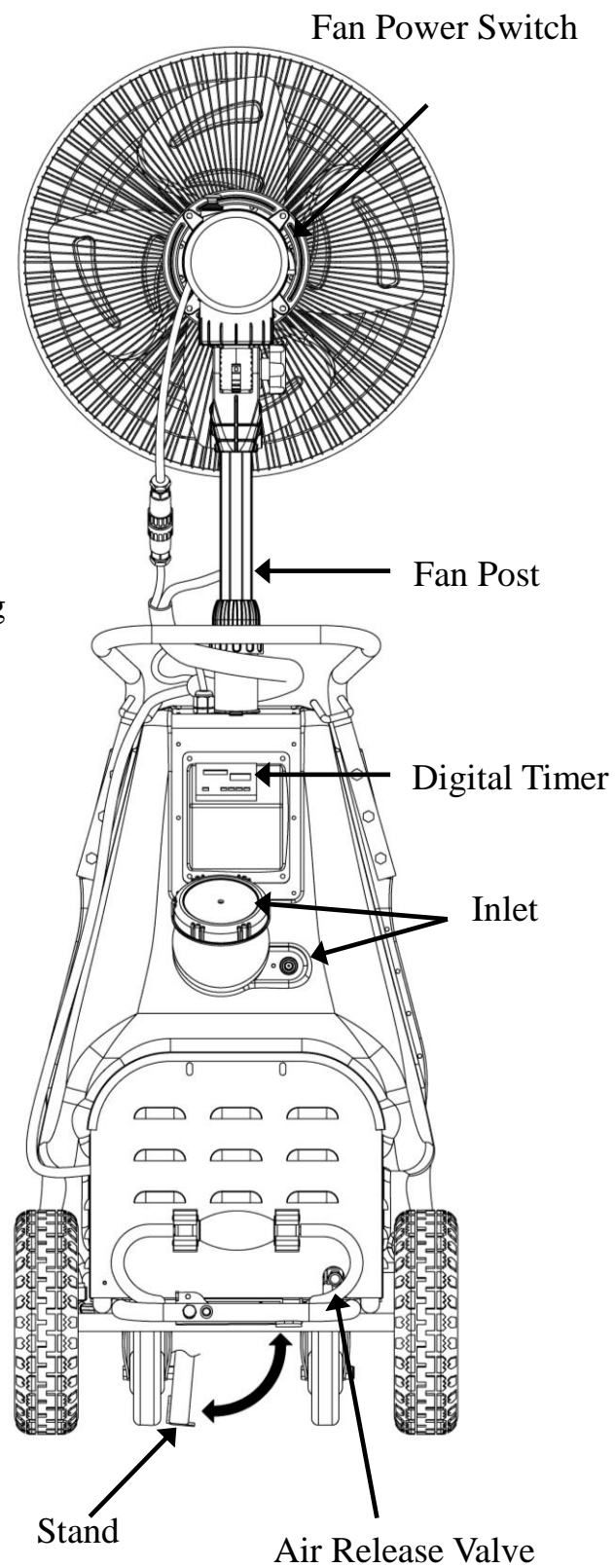
- To reduce the risk of burns, do not touch the surface of the pump while operating.
- It is highly risky to use the misting fan without the ground-fault circuit-interrupter(GFCI); this device is provided to avoid the risk of electric shock.
- For safety concerns, please disconnect the plug of the misting fan from the power supply when not in use.
- Do not handle the pump or motor with wet hands.
- Do not operate the misting fan in the rain or during the thunderstorms.

WMF-S SERIES OVERVIEW

【FRONT VIEW】

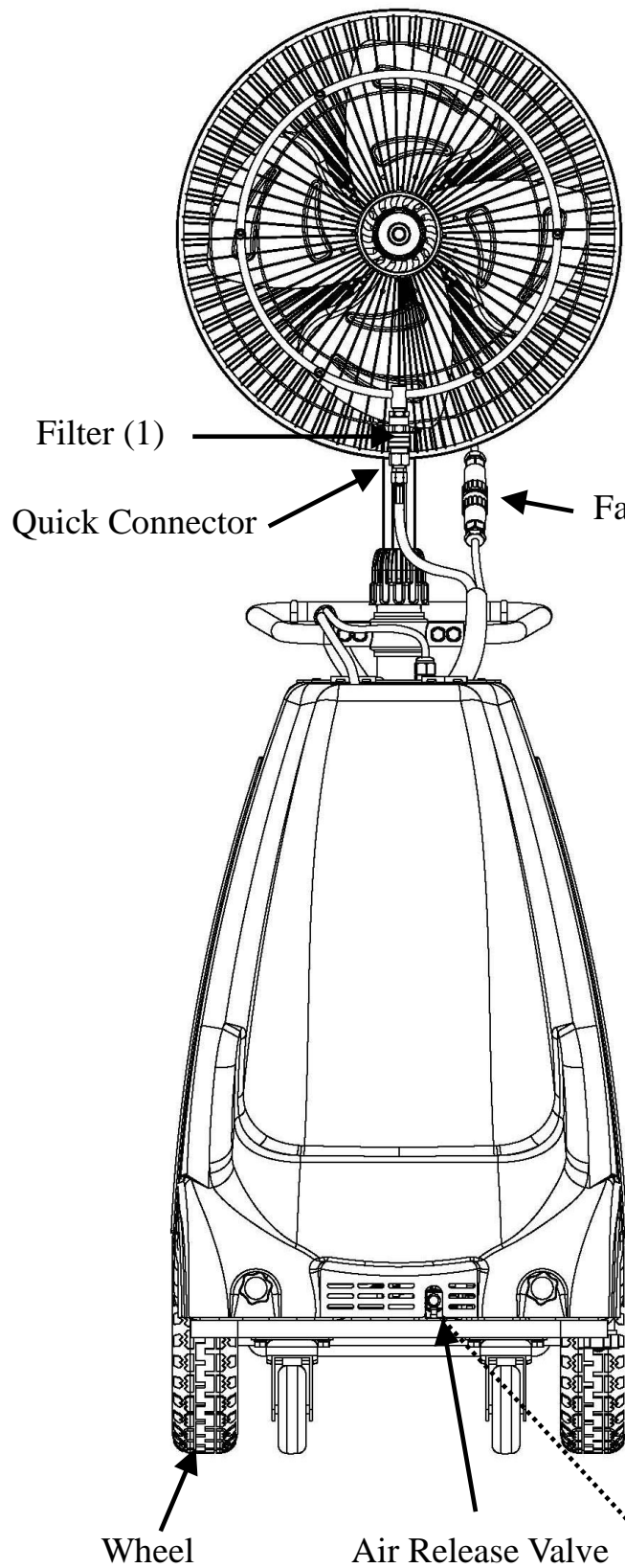


【BACK VIEW】

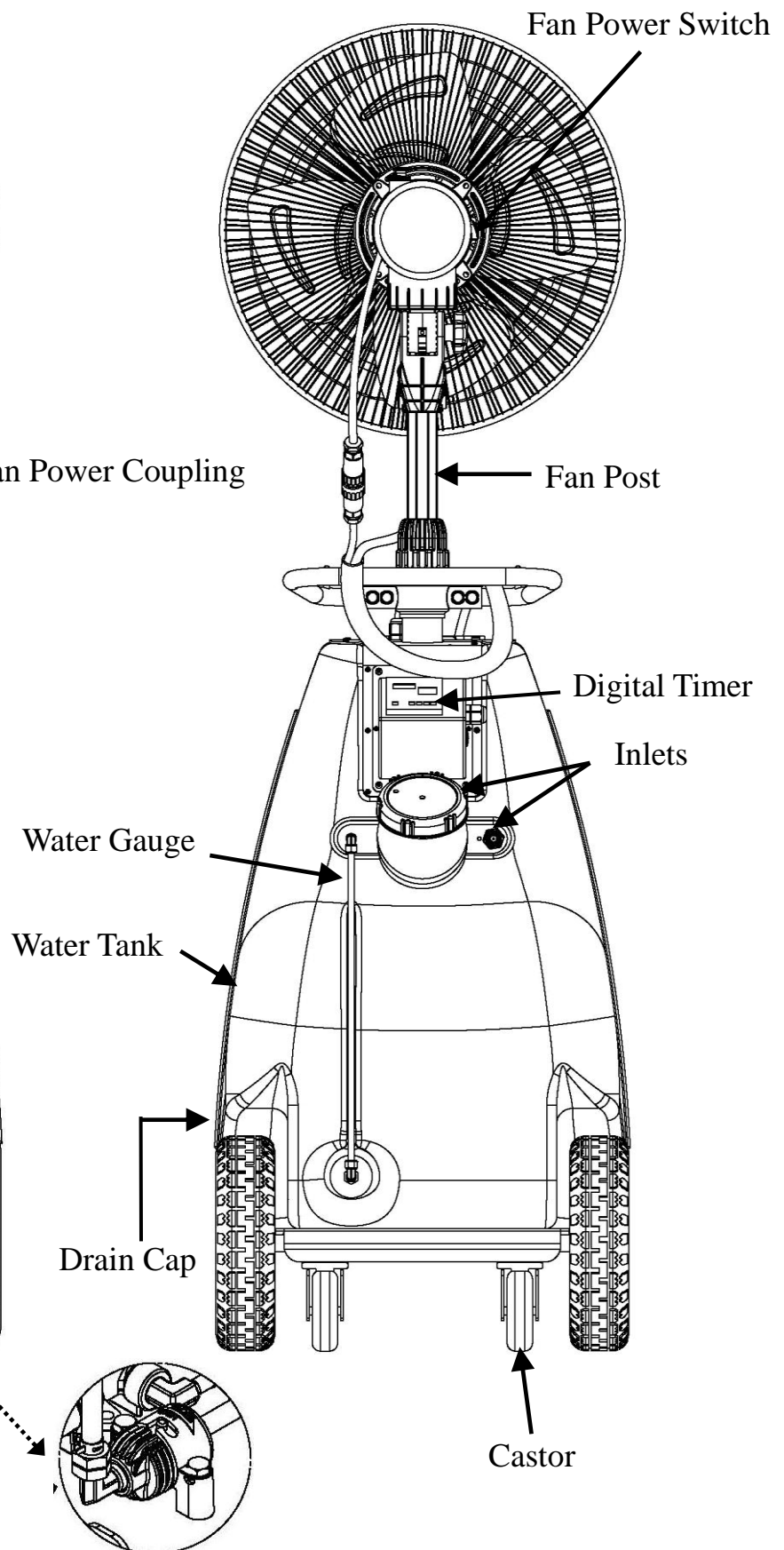


WMF-D SERIES OVERVIEW

【FRONT VIEW】

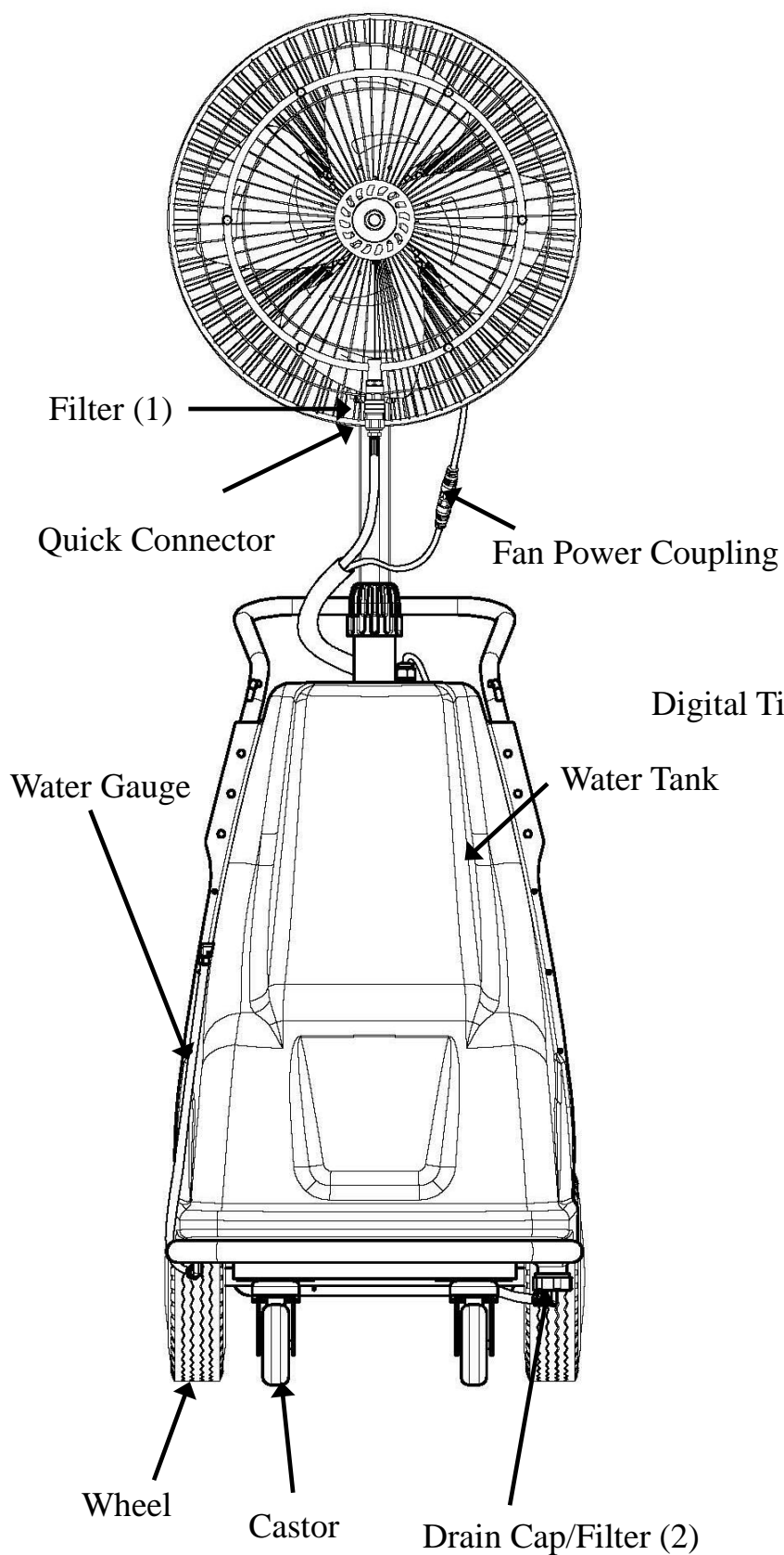


【BACK VIEW】

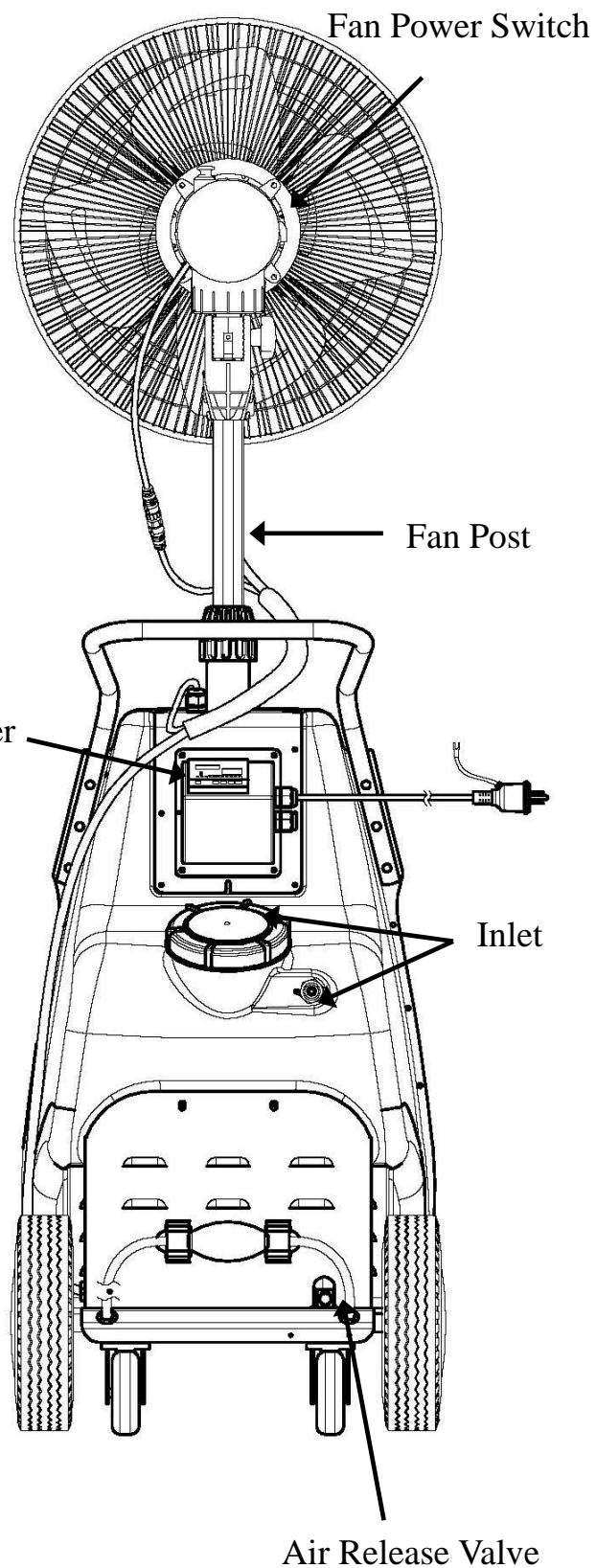


WMF-F SERIES OVERVIEW

【FRONT VIEW】



【BACK VIEW】



INSTRUCTIONS

A. Before Operation

1. Lock the castors to prevent the misting fan from accidentally moving.
2. Make sure the fan kickstand is release before moving.
3. Make sure the fan is connected securely to the unit and adjust the fan height.
4. Fasten the water hose to the inlet socket on the water tank.
5. Connect the nozzles to the misting ring tightly to prevent leaking.
6. Use only clean water and check that there is sufficient water in the tank.
7. Check that the power cable is connected to a power supply of the correct voltage and frequency.
8. Set the running and stop times on the timer and adjust the fan angle and speed.
(For more information on setting the timer, please see Digital Timer Instructions.)
9. Push the air release valve for 15 seconds when running the pump for the first time, when restarting the pump after it has run out of water, or after a long period without use.



ATTENTION:

Make sure the length of the power cable is not longer than 10 meters and the diameter of extension cords used is larger than 0.75mm².

B. Filling the water tank

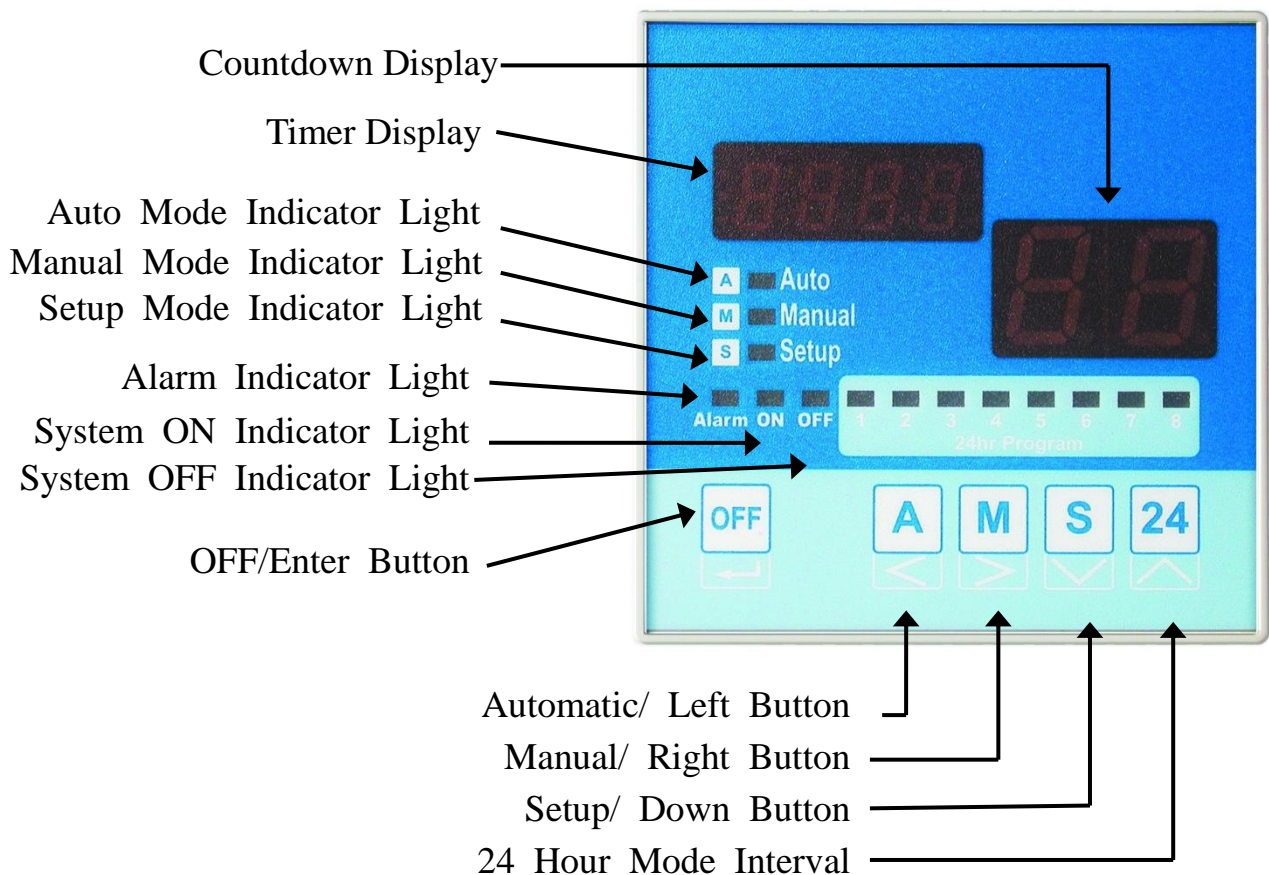
1. Do not fill water over the water float or the water might splash out to cause malfunction.
2. Do not take the water filter away while filling the water to the tank.
3. Keep motor and electrical device in dry while filling the water to the tank.

C. After Operation






1. Press OFF for 5 seconds to stop the misting pump.
2. Stop the fan and turn off the water supply.
3. Open the drain cap on the bottom to empty the tank.

24-HOUR DIGITAL TIMER INSTRUCTIONS


A. Parts Of The Timer



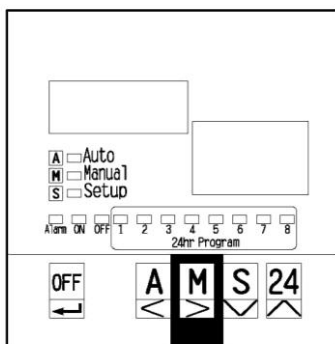
B. Setting The Clock

1. Press and hold the  button for 5 seconds. The Setup light will turn on.
2. Use  and  buttons to move left and right to selected the column to change.
3. Use  and  button to decrease or increase the number in the selected column.

※**Note: The clock displays time in the 24-hour format. Example: 2:30pm will appear as 14:30.**

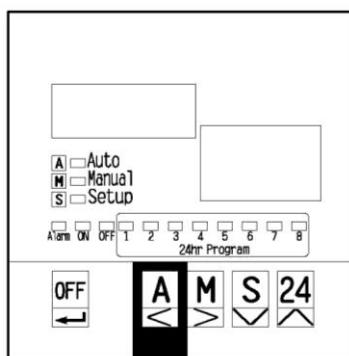
4. Press the  button once to finish.
5. After the time is set, the clock will automatically exit Setup mode after 30 seconds.


C. Continuous Running



Press  for 5 seconds.

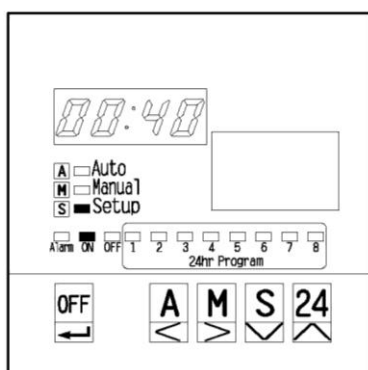
D. Auto Running





Press  for 5 seconds. The default setup is 40 sec. running and 15 sec. stop.



E. Setting The Spray & Stop Intervals

E-1. Setup the spray time (Max. 99:59, Min. 0:15)



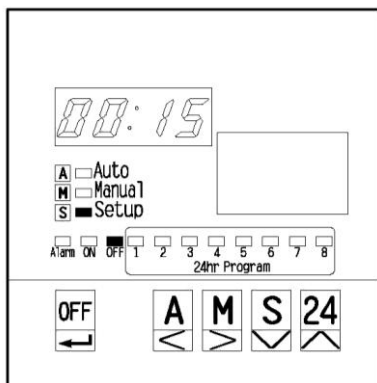
E-1-1 Press and hold  for 5 seconds

E-1-2 Press   to move left and right to select the column



E-1-3 Use   buttons to decrease or increase the number in the selected column.


E-1-4 Press  to finish.

E-2. Setup the stop time (Max. 99:59, Min. 0:15)



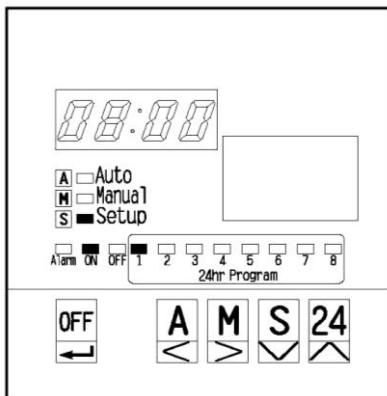
E-2-1 Use   to left and right to select the column.


E-2-2 Press   to adjust the time


E-2-3 Press  to finish the setup.






※Note: The minimum stop time is 15 seconds. The timer will not allow a stop interval shorter than this.

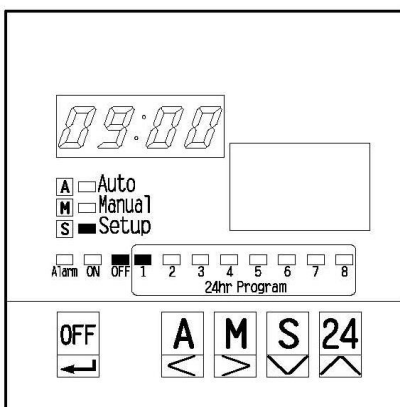
F. Setting the 24 Hour Timer Intervals (Max. of 8)




F-1 Press and hold  for 5 seconds. The Setup light will turn on.


F-2 Press  repeatedly until the ON light and the Number 1 light in 24 Hour Program area are lit.

F-3 Use     to set the time this spray interval will begin. Press  to accept the time.



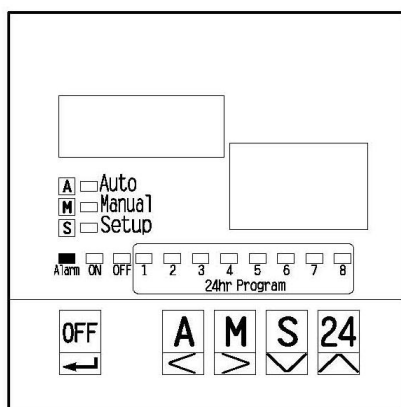
F-4 Press  again the OFF light will illuminate.

F-5 Set the time that you wish the spraying interval to end. Press the  to accept the time

F-6 Continuing to press  will repeat the process for the next interval(marked by the Number 2 light).

※Note: For the 24 hour timer interval to work correctly, the time must first be accurately set on the clock. (Step B. Setup The Clock)

G. Alarm Indicator

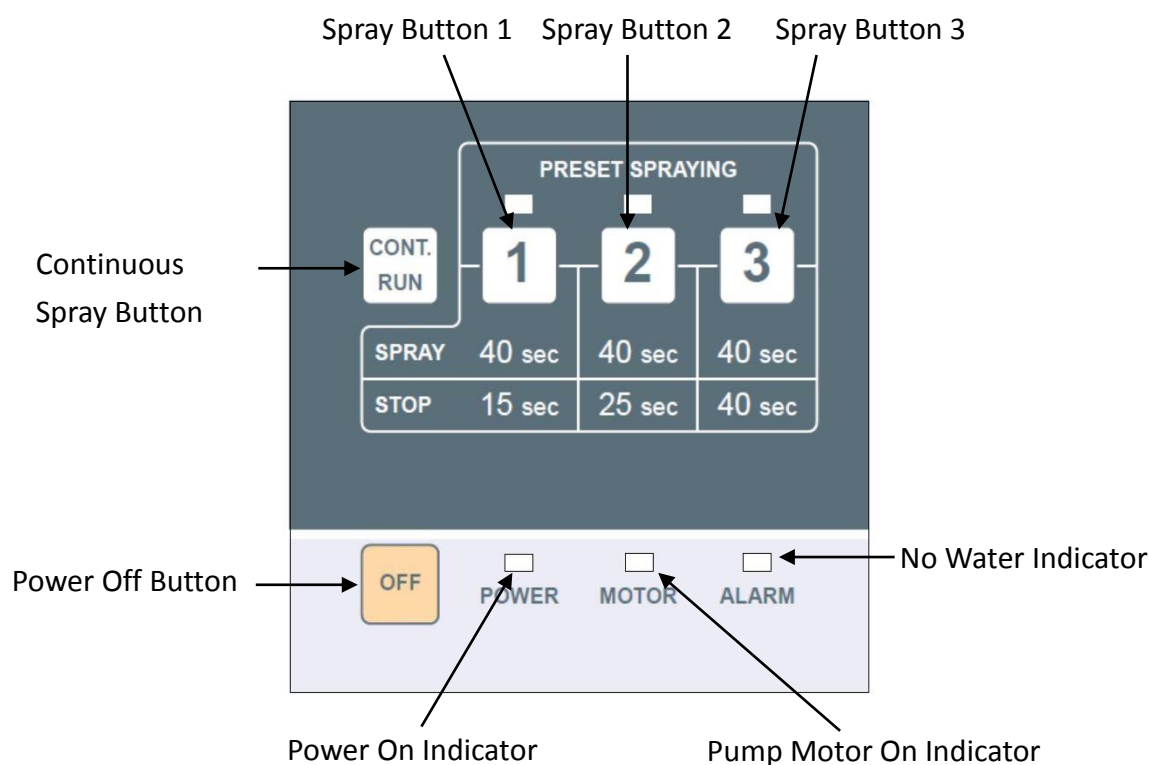


The Alarm Indicator light will be on if the system has stopped due to a lack of water. Please check the water tank then restart the misting fan after adding sufficient water.

※Note: Never attempt to run the misting fan without water, as this will cause serious damage to the pump components.

3-STAGE TIMER INSTRUCTIONS

A. Parts of The Timer (#AWL-4)



B. Operation Step

1. Manual Mode: Continuous Spray

- **Spray On:** Press **CONT. RUN** and hold for five seconds. The MOTOR light will turn on and the misting fan will start spraying.
- **Off:** Press **OFF** to stop spraying.

2. Auto Mode: Alternately spray and stop

- Spray Mode 1: Press **1** and hold for five seconds. The MOTOR light will turn on and the misting fan will alternately start spraying for 40 seconds and stop for 15 seconds.
- Spray Mode 2: Press **2** and hold for five seconds. The MOTOR light will turn on and the misting fan will alternately start spraying for 40 seconds and stop for 25 seconds.
- Spray Mode 3: Press **3** and hold for five seconds. The MOTOR light will turn on and the misting fan will alternately start spraying for 40 seconds and stop for 40 seconds.
- Off: Press **OFF** to stop spraying.

3. No Water Warning

- The ALARM indicator light will be on if the system has stopped due to a lack of water. Please check the water tank and restart the misting fan after adding sufficient water.

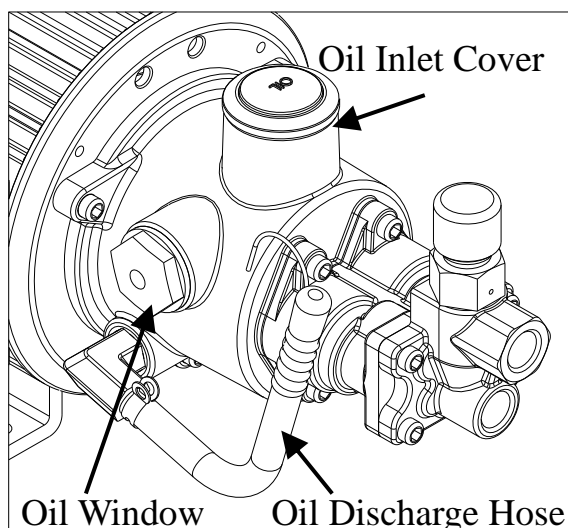
※Note: Never attempt to run the misting fan without water, as this will cause serious damage to the pump components.

ROUTINE MAINTENANCE

A. Routine Maintenance Schedule

Description	Action	Frequency
Pump	Check Oil Level	Before every use
Filter	Clean	Every 15 days
Nozzles	Clean	As necessary

B. Change Pump Oil



Machine Oil Type	SAE 30~40
Oil Volume	110 cc
Oil Change Frequency	1. First 30~50 hours of use. 2. Every 100~200 hours of use.

1. Open the cover.
2. Unscrew the oil drain plug. Please use a container or a tray to catch oil as it comes out of the pump. When the oil stops draining, please refasten the plug.
3. Carefully refill 110 CC of motor oil of #30 or #40 weight and make sure the oil level is up to the middle of the oil window.
4. Refasten the oil inlet cover.




ATTENTION :

Please do not change oil immediately after using the misting fan. The oil will be hot and might cause personal injury.

TURNING OFF THE MISTING FAN & STORAGE

If the misting fan will not be used for a long period, please follow these instructions.

1. Turn off the water supply and take off the suction hose.
2. Open the drain plug at the bottom of water tank to release the water out. Clean the filter (1) (2).
3. Press the air release valve to exhaust the air from the pump. Press  to eliminate the water from the pump and hose. Pump will stop due to the duration of alarm without water is 15 seconds. If water still remains, please unplug the power and plug again to repeat this step.
4. Turn off the timer to stop spraying. Switch the fan speed knob to “0” to stop the fan.
5. Unplug the power cable from the socket.
6. Store the unit in a cool dry place away from hazardous conditions.