



A160 & A380 MIST FAN



INSTRUCTION MANUAL

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

GENERAL NOTES

Centrifugal series are centrifugal force technology.

It is no nozzle jammed problem and required no filtration system or nozzles , no complicate pump connection and no requirements of complicate electrical cable.

High-pressure series adopt high pressure technology to produce mist , include of : It is special nozzles with special high pressure technology, so don't need the big separate and high pressure pump unit, it is all in one. There are two selection as your requirement, connect to tap water directly or connect to the water tank.

The mist fans include oscillating fan head, adjustable speeds control, adjustable mist volume control.

This system will provide very comfortable water spray to clear the atmosphere: the surrounding air will be comfortable with clean, fresh and cool.

APPLICATION

1. Cooling:
Outdoor restaurants, recreation places, bus stations, railway stations, waiting areas, hotels, also for work areas, loading docks, zoos, etc.
2. Suppressing dust:
Removing atmosphere dust, recycling, waste and refuse handling, farming, mining, pollution control, decrease unpleasant odor, etc.
3. Increasing humidity:
Used in spinning mills, cotton warehouse, park, greenhouse, testing chambers, etc.
4. Agriculture:
Used in poultry farms, mushroom plants, riding arenas, birds and animals, etc., ensures proper humidity levels and suitable conditions, improves the operations for all kinds of livestock industries.
5. Special effects of mist :
Gardens, zoos, fairs, movies sets, water features, fountain, used for creative fog effects.

SAFETY GUIDE

1. Please read the user guide carefully before using the mist fan.
2. Prepare the installation tools and follow the user manual before installation.
3. Master the process of using the safety points.



Caution

If you ignore the warning content, it may cause harm to the body.



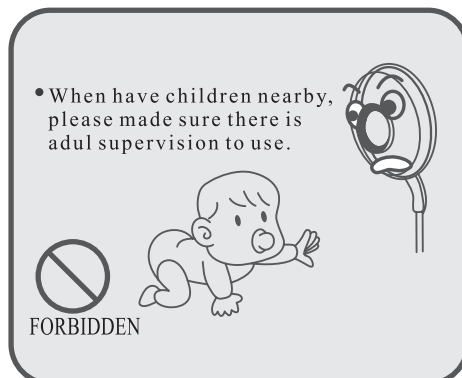
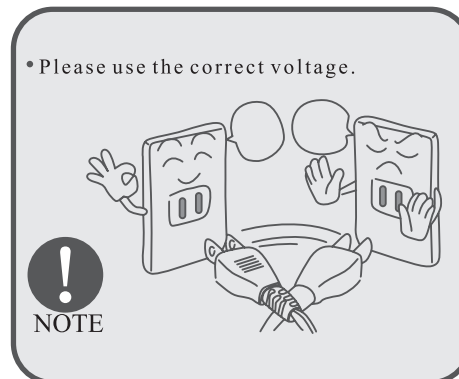
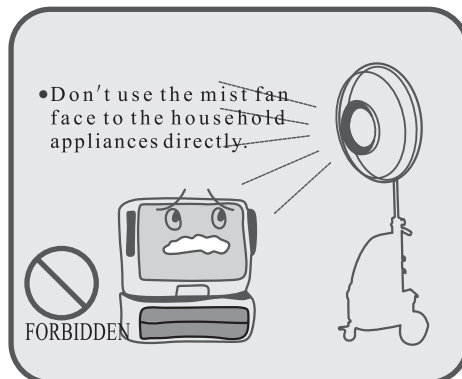
Note

If you ignore the note content, it may cause damage to the body and equipment.

LOGO INTRODUCTION

	NOTE		NO DISASSEMBLY
	PLUG		NOTE WATERPROOF
	FORBIDDEN		NOTE FIRE

WARNING



NOTES

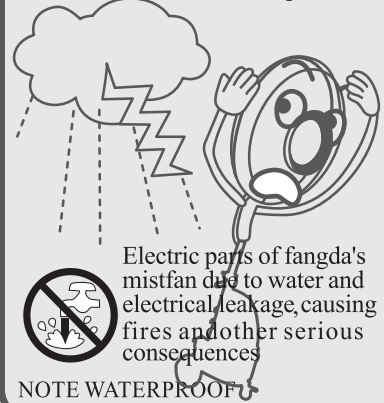
- When find a burning smell or smoke plug, please stop to use mist fan.



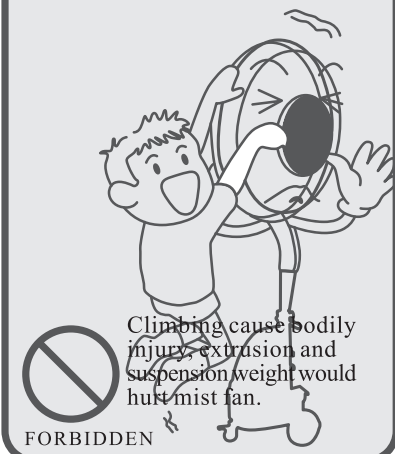
- Non-professionals may not carry out repairs and modifications mist fan



- While thunder and rain, please stop using mist fan and move it to a safe place.



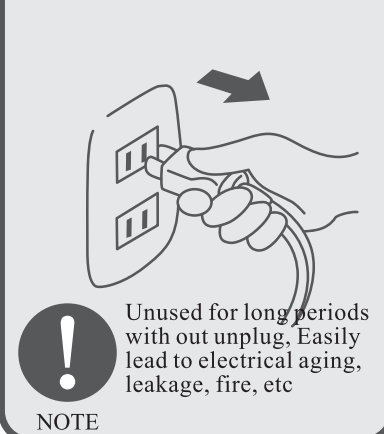
- Don't climb, squeeze, and hang heavy objects on fan.



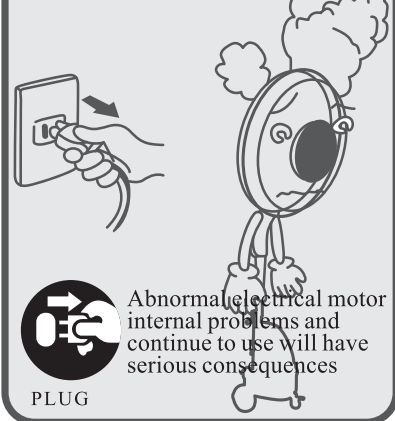
- When the fan is working, please don't touch the fan guard.



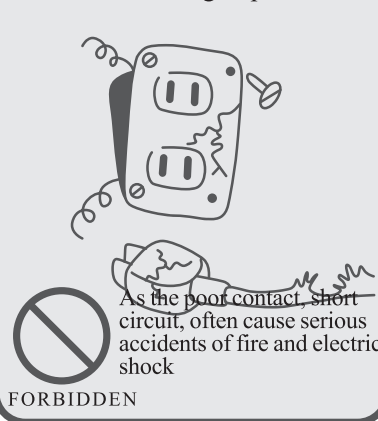
- Please pull plug out from the outlet while mist fan is't used



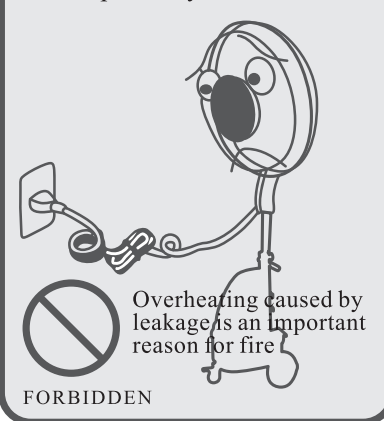
- Please pull plug out from the outlet while found electrical smell or smoke from motor.



- Please check the power outlet, plug, wire are intact before use Fangda products.



- Please do not use wire ring together, must be completely untied.



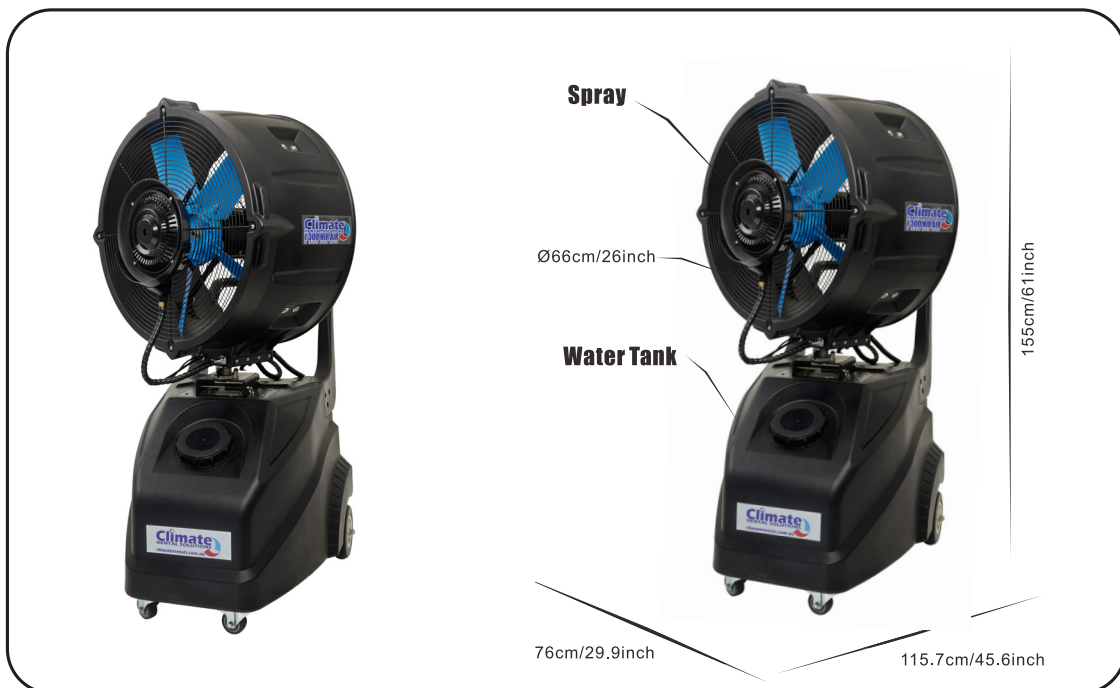
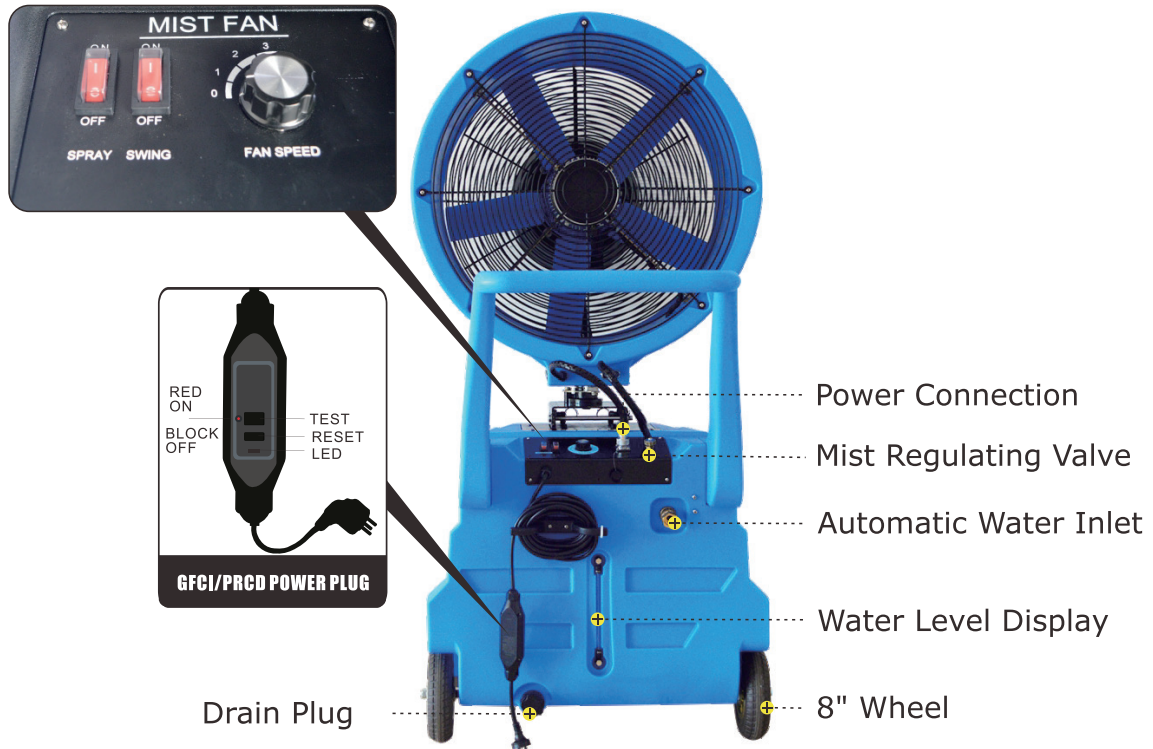
SAFETY INSTRUCTION

1. As Instruction Manual described, the installation and operation must comply with local utility standard. Improper use of mist fan may cause fire, electric shock and injury.
2. Don't immerse this system, plug, or cord in water or spray with liquids, hail snow or any other inclement weather. The cord is damaged in any way, don't place mist fan system
3. Don't use if the plug or power cord is damaged in any way, don't place mist fan system near an open flame, cooking or heating appliance, open containers of flammable liquids or gases.
4. Don't hang heavy or sharp objects on the power cord, and don't touch hot surfaces.
5. Don't place any objects through the guards into the blades, also don't operate mist fan without guards in place.
6. The stand type mist fan must be grounded, don't hang or mount it on the wall or ceiling, and the wall type mist fan must be mounted on the wall properly.
7. It is necessary to close supervision when the mist fan is used near children.
8. Disconnect the mist fan from outlet socket when the mist fan isn't in use, when moving the system or before clearing the system, remove the plug from the electrical receptacle by pulling on the plug and never yank on power cord.
9. Never wash the system with a garden hose, water may harm motor of system, keep all connections dry and off the ground to reduce the risk of electric shock, don't touch the plug with wet hands.
10. Must use 3-prong grounded extension cord with mist fan, this plug is intended to fit fully in a grounded outlet only, if the plug does not fit fully into the outlet, contact a qualified electrician, don't attempt to defeat or disable this safety feature.
11. Make sure the system voltage and frequency are same as local electrical outlet voltage and frequency.
12. Don't use it when the system is damaged, please contact with our agent directly.

CARE AND STORAGE

1. Ensure the plug is removed from the electrical outlet before attempting any clearing or maintenance
2. Clean the water tank regularly with an antibacterial agent.
3. Only use soft moistened cloth to clean the mist fan; don't immerse the mist fan in water.
4. For storage: Clean mist fan carefully as instructed and cover with plastic cloth, store the mist fan in clear dry place.
5. Caution: If you find a problem with the fan, please don't open the fan motor housing as this may cause injury, damage to the fan will void your warranty.

A160 MIST FAN



SPECIFICATION OF MIST FAN

A160	FEATURE
	• Durable rotomold housing • Electrical cord holder for easy movement and storage • Cools warehouses, factories, machine shops, welding areas and more • Attractive compact design • Low installation, running and maintenance cost • GFCI Protection Plug • Long uninterrupted running time without need of water refilling • Low noise • Axial fan • Automatic water supply • Air flow can reach up to 80 feet • Can be used indoors or outdoors, making it ideal for use on loading docks or large venues. • The misting fan also features 8" rugged locking rear caster for easy mobiling through warehouse and over glass and concrete.

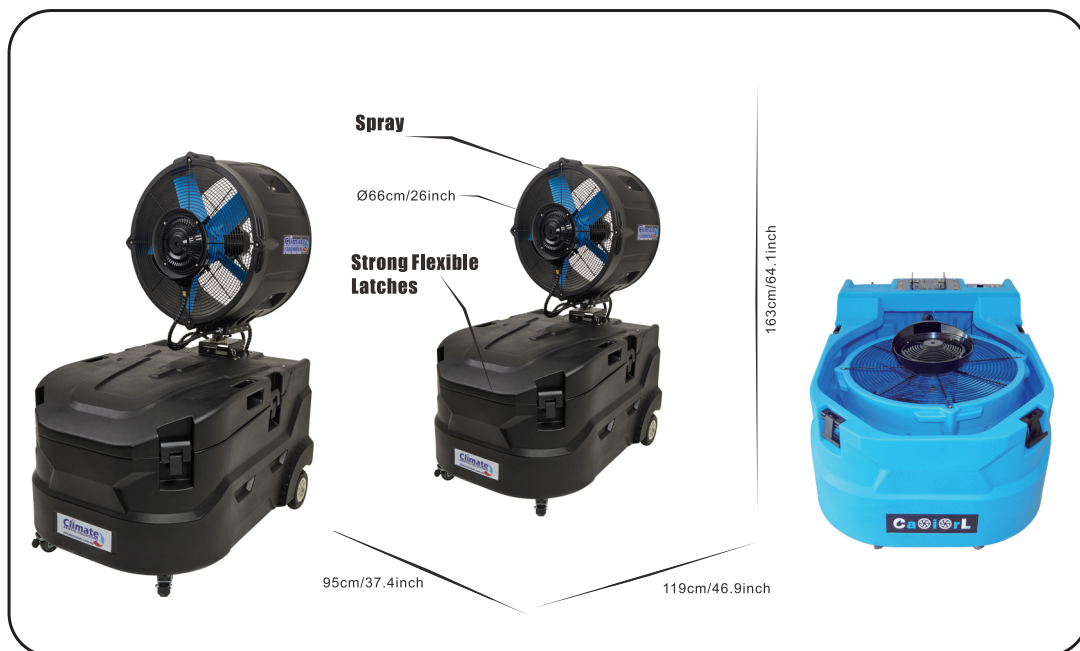
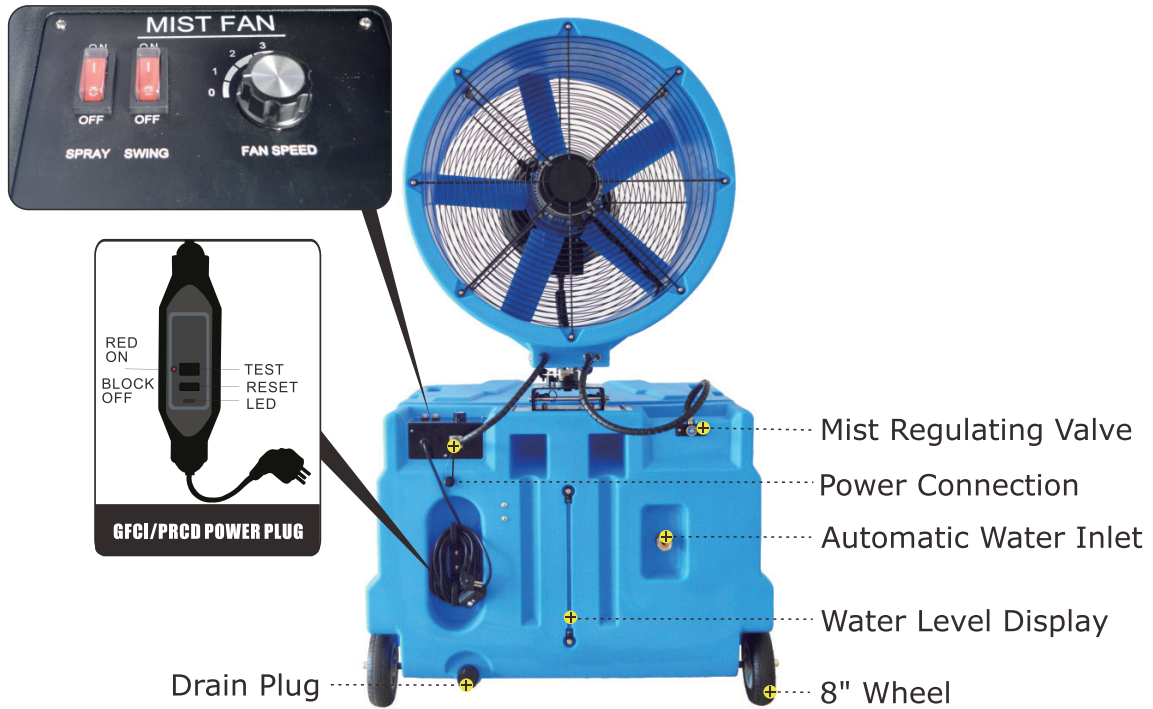
Model	Power	Air Volume	Air Outlet	Cooling Area	Tank Capacity
PMF260660	1.3 H.P. 110~120V/60Hz	7861 CFM	26"	3000 s.f.	42.5 gal
PMF260660	796W 220~240V/50Hz	6957 CFM	66 cm	250 ml	160 L

Speeds	Water Consumption	Swing Angle	Meas (inch / cm)	Gross Weight
Three	1.6 Gallon/H	-25° ~ +25°	38.1x31.8x18.9 inch / 40.2x32.3x29.1 inch	163 lbs
Three	6 L/H	-25° ~ +25°	97x81x48 cm / 102x82x74 cm	74 kgs

NOTICE

- Place mist fan on the level surface carefully.
- Make sure the pump inlet is opened.
- Fill clean water into the tank, minimum level should cover the waterpump. Don't operate mist fan without enough water.
- Adjust misting volume to the appropriate position and plug low speed ensure the fan is operating properly.
- Start misting switch; ensure all components are operating properly.
- Adjust misting volume as needed; ensure the return water may return to tank.

A380 MIST FAN



SPECIFICATION OF MIST FAN

A380	FEATURE
	• Durable rotomold housing • Electrical cord holder for easy movement and storage • Cools warehouses, factories, machine shops, welding areas and more • Attractive compact design • Low installation, running and maintenance cost • GFCI Protection Plug • Long uninterrupted running time without need of water refilling • Low noise • Axial fan • Automatic water supply • Air flow can reach up to 80 feet • Can be used indoors or outdoors, making it ideal for use on loading docks or large venues. • The misting fan also features 8" rugged locking rear caster for easy mobiling through warehouse and over glass and concrete.

Model	Power	Air Volume	Air Outlet	Cooling Area	Tank Capacity
SMF260660	1.3 H.P. 110~120V/60Hz	7759 CFM	26"	3000 s.f.	100 gal
SMF260660	602W 220~240V/50Hz	7026 CFM	66 cm	250 ml	380 L

Speeds	Water Consumption	Swing Angle	Meas (inch / cm)	Gross Weight
Three	1.6 Gallon/H	-25° ~ +25°	46.9x39x34.2 inch	181 lbs
Three	6 L/H	-25° ~ +25°	119x99x87 cm	82 kgs

NOTICE

- Place mist fan on the level surface carefully.
- Make sure the pump inlet is opened.
- Fill clean water into the tank, minimum level should cover the waterpump. Don't operate mist fan without enough water.
- Adjust misting volume to the appropriate position and plug low speed ensure the fan is operating properly.
- Start misting switch; ensure all components are operating properly.
- Adjust misting volume as needed; ensure the return water may return to tank.

SUMMARIZATION

1. The product absorbs foreign advanced technology, adopting PRO/E optimized design, owing the reasonable structure and nice looking
2. The fan has three speed choices. It has the characters of steady performance, strong air delivery, low noise, long service life and good spray.
3. It is suitable for the places of high temperature but cannot be mounted with air conditioner. Such as: Shop, hotel, workshop, sports ground, breeding room, etc.

DESCRIPTIONS

1. Use a pole-like matter toggle the fan after mounted completely and check the fan if it conflicts with other spare parts.
2. The voltage should conform to the stated one on the brand, when it is supplied with plug power, it should agree to the standard IEC335-1. When it is offered by the wires direct power, among the fixed distributing wires it should mount a full pole switch contacting points opening not less than 3mm.
3. Triple types of speed through spinning switch.
4. When adjust the head shaking, the connecting rod in the middle is stationary, but the side acts.
5. Pour the tank with full water then it can spray.
6. Open the fan first, when the fan work normally, open the spraying switch. After 2 or 3 minutes operation, the water in the filtration will be full, then spray.

ATTENTIONS

1. Forbidden to put hands or any other matter into the fan net. Do not wet the power wires.
2. Forbidden to use the pump without water. Add clean water to the tank timely.
3. Do not put the working fan on the unsmooth place.
4. It must be taken to our factory or our appointed maintenance service or some technician if the wires damaged.
5. If the working fan appears the conditions of abnormal noise, burning or the fan blade stopped, etc. Turn off the power immediately and send it to our factory or some technician.
6. It is not allowed to dismount the fan by the nontechnician except for the approval of maintenance of this description.

MAINTENANCE

1. Keep the fan clean for good looking and long life.
2. Power off the fan when cleaning it, pay attention to not wet the motor and other electrical parts.
3. Rub the fan with a soft cloth or use a little detergent (not allowed to use gasoline or other abrasive liquid), dry the fan after being clean and mounted again well by correct steps.
4. When dismount the quick connecting pipe, do not pull it out directly, should press the quick plastic ring then take it out.
5. For the first time, after working for 50-100 hours, please change the pump oil. Working for 300 hours later, please change the pump oil. Please use 30# engine oil

