

3.2 GALLON BACKPACK SPRAYER

Model: YL-8020
USER MANUAL



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SAFETY WARNING



To ensure your safety and others':

1. Wear chemical-resistant clothing, mask, goggles, and gloves during spraying. Avoid skin exposure.
2. Never use strong acids, alkalis, or flammable liquids.
3. Do not spray water-insoluble powders or granules.
4. Never immerse the sprayer base or unit in water for cleaning or water intake.
5. Thoroughly wash all exposed skin and change clothes after use.
6. When handling pesticides, the safety instructions provided by the pesticide manufacturer should be followed.

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PRODUCT DETAILS

Carrying handle

Water filling port



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Voltage indicator

Pressure adjustment

On/Off switch



Battery installation

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Sprayer Kit	Quantity
Sprayer(with hose)	1
Battery	2
Charger	1
Spray wand	1
Wand holder	1
Handle	2
Pressure regulator	1
Filter	1
Measuring cup	1
Small gasket	4
Large gasket	1
Spray nozzle	7
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★ CRITICAL LEAK-PREVENTION NOTICE ★

Proper gasket sealing prevents leaks and ensures optimal performance.

→ All gaskets are pre-installed at the factory.
Before first use:

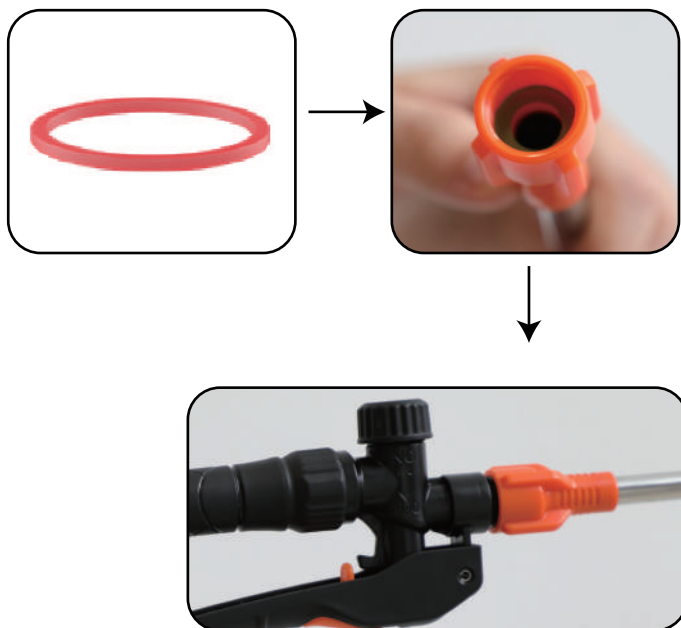
- Confirm the small gasket is present between wand and handle
 - Confirm the large gasket is properly seated inside water inlet cap
- Replacement gaskets are included:
- 4 Small Gaskets: For wand-handle connection only
 - 1 Large Gasket: For water inlet cap only

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Replacement Steps:

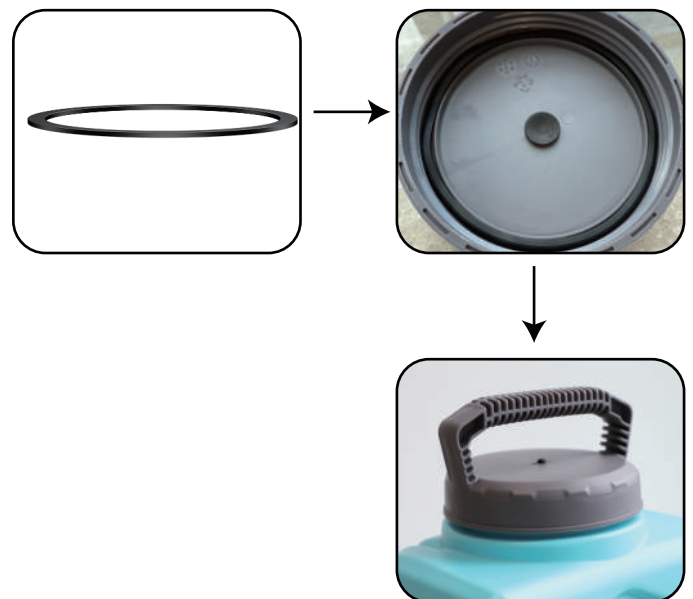
- Wand-to-Handle Connection → Insert new small gasket → Reconnect securely



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Replacement Steps:

- Water Inlet cap → Insert new large gasket into cap → Tighten cap securely



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POWER ON/OFF

- "—" = Power ON
- "O" = Power OFF

VOLTMETER INDICATORS

- YELLOW (L): Low battery → Recharge now
- YELLOW (L) + GREEN (N): Normal power → Ready for use
- RED (H): Malfunction → STOP immediately & inspect



PRESSURE ADJUSTMENT

- Rotate clockwise → Increase pressure, Rotate counterclockwise → Decrease pressure / stop spraying
- Squeeze handle → Start spraying, Release handle → Stop spraying
- For prolonged spraying: Engage trigger lock on handle

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MODEL AND PARAMETERS	
Model	YL-8020
Capacity	3.2 Gallon/12L
Pressure	0-45PSI
Performance	2-4 L/min
Charger	1A
Battery	21V,2.5Ah
Motor	3000 rpm

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USE AND MAINTENANCE

1. Batteries ship partially charged and will naturally discharge during storage; please recharge fully before first use.

2. Always conduct a water spray test to confirm normal operation before loading chemicals, and power off using the main switch when not in use.

3. Never operate this unit in environments below -10°C/14°F or above 45°C/113°F to prevent component damage.

4. Avoid dry-running the pump for extended periods. If spray pressure drops significantly during operation, stop immediately to prevent battery over-discharge – this condition causes permanent capacity loss and reduces lifespan, so recharge promptly.

5. Use only the original charger and never store the device upside down to avoid battery damage.

6. Charging Procedure: Plug the charger into the sprayer's DC port first, then connect to a 12V power source. The charger light turns red during charging and green when complete. Each battery requires approximately 2-3 hours to charge fully. Charge on dry, elevated surfaces (>50cm/20" high) and disconnect promptly when green light appears.

7. For long-term storage, perform a full discharge/charge cycle monthly.

ATTENTION AND SAFETY MEASURES

1. Do not open charger housing – risk of electric shock. service by qualified personnel only.
2. Keep all sprayer components out of children's reach. not a toy.
3. Never leave charger plugged into faulty outlets.
4. Always flush tank with clean water for 2-3 minutes after chemical spraying to evacuate residue. failure to do so will damage the sprayer.

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Manufacturer: Zhejiang Shengshiyuanlin Technology Co., Ltd

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MADE IN CHINA

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