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Schmidt Spiele 002620

Schmidt Spiele Prefilled Humidifier Kit Model 002620 Instruction Manual

Comprehensive guide for the proper use and maintenance of your Prefilled Humidifier Kit.

1. INTRODUCTION

This instruction manual provides essential information for the safe and effective use of the Schmidt Spiele Prefilled Humidifier Kit, Model 002620. This kit is designed to provide humidification for respiratory therapy, typically used with oxygen concentrators or other oxygen delivery systems. Please read this manual thoroughly before initial use and retain it for future reference.

2. PRODUCT OVERVIEW

The Prefilled Humidifier Kit consists of pre-filled bottles of sterile water for inhalation and associated adapters, designed for single-patient use to add moisture to delivered gases, preventing dryness and irritation of the respiratory tract.

2.1 Components Included

- 12 x Prefilled Humidifier Units (500 ml Sterile Water for Inhalation, USP)
- Instruction Manual



Figure 1: AirLife Prefilled Humidifier unit, model 002620. This clear plastic bottle contains 500 ml of sterile water for inhalation, designed for use with bubble humidifiers. A separate white adapter, used for connecting the humidifier to oxygen therapy equipment, is shown next to the bottle.

3. SAFETY INFORMATION

- **For single patient use only.** Do not reuse or share units between patients.
- **Sterile Water:** Ensure the seal is intact before use. Do not use if the seal is broken or if the water appears discolored or contains particles.
- **Proper Connection:** Always ensure all connections are secure to prevent leaks and ensure effective humidification.
- **Storage:** Store in a cool, dry place away from direct sunlight.
- **Disposal:** Dispose of used units according to local regulations for medical waste.
- Consult a healthcare professional for specific instructions regarding your therapy.

4. SETUP INSTRUCTIONS

1. **Inspect Unit:** Before opening, visually inspect the humidifier unit for any damage or signs of tampering. Verify the expiration date.
2. **Remove Seal:** Carefully remove the protective seal from the top of the humidifier bottle.
3. **Attach Adapter:** Securely screw the provided humidifier adapter onto the bottle opening. Ensure it is tightened sufficiently to prevent air leaks.
4. **Connect to Oxygen Source:** Attach the humidifier adapter to the oxygen flowmeter outlet.
5. **Connect Tubing:** Connect the oxygen delivery tubing (e.g., nasal cannula or mask tubing) to the outlet port of the humidifier adapter.

5. OPERATING INSTRUCTIONS

1. **Initiate Oxygen Flow:** Turn on the oxygen flowmeter to the prescribed liter flow.
2. **Verify Humidification:** Observe the humidifier. Bubbling should be visible within the water, indicating that oxygen is passing through and being humidified.
3. **Check for Leaks:** Listen for any hissing sounds or feel for air leaks around connections. Tighten connections if necessary.
4. **Monitor Patient Comfort:** Ensure the patient is comfortable and receiving adequate humidification.

The humidifier operates automatically once connected and oxygen flow is initiated. No further adjustments are typically required for the humidifier unit itself.

6. MAINTENANCE

The Prefilled Humidifier Kit is designed for single-patient, disposable use. No cleaning or refilling of the bottle is required or recommended.

- **Replacement:** Replace the humidifier unit according to your healthcare provider's instructions or when the water level is low, typically every 24-48 hours, or as needed.
- **Disposal:** After use, disconnect the humidifier unit and dispose of it properly as medical waste. Do not attempt to clean or sterilize for reuse.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No bubbling in humidifier.	Oxygen flowmeter off or set too low; loose connections; humidifier adapter clogged.	Ensure oxygen flowmeter is on and set correctly. Check all connections for tightness. Replace humidifier unit if adapter is clogged.
Water leaking from connections.	Loose connections; damaged adapter or bottle.	Tighten all connections. If leaking persists, replace the humidifier unit.
Patient reports dry nose/throat despite humidifier use.	Insufficient humidification; humidifier not functioning correctly; incorrect oxygen flow.	Verify bubbling in humidifier. Check oxygen flow rate. Consult healthcare professional if symptoms persist.

8. SPECIFICATIONS

Feature	Detail
Model Number	002620
Brand	Schmidt Spiele (Manufacturer: VYAIR MEDICAL)
Contents	Sterile Water for Inhalation, USP
Volume per Unit	500 ml
Special Feature	Portable, Quiet (referring to the humidifier system it supports)
Operation Mode	Automatic (once connected to oxygen flow)
Item Weight (Case of 12)	Approximately 7.53 Kilograms (16.57 pounds)
Date First Available	June 27, 2018

9. WARRANTY AND SUPPORT

For specific warranty information or technical support regarding the Schmidt Spiele Prefilled Humidifier Kit, Model 002620, please contact the manufacturer, VYAIR MEDICAL, or your medical equipment supplier. Keep your purchase receipt for warranty claims.

For general inquiries or assistance, please refer to the contact information provided by your distributor or healthcare provider.