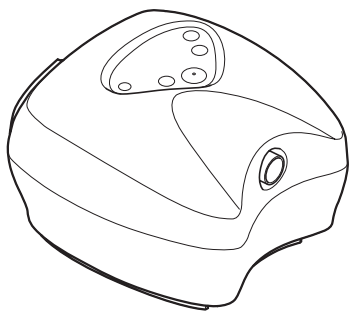


RESMED

C-Series Tango™

User Guide



1. Intended Use

The Tango CPAP system is indicated for the treatment of obstructive sleep apnea (OSA) in patients weighing more than 66 lb (30 kg). It is intended for use at home.

⚠️ WARNING

This device is intended for use in the USA only.

⚠️ CAUTION

Federal law restricts this device to sale by or on the order of a physician.

2. Contraindications

Positive airway pressure therapy may be contraindicated in some patients with the following pre-existing conditions:

- severe bullous lung disease
- pneumothorax
- pathologically low blood pressure
- dehydration
- cerebrospinal fluid leak, recent cranial surgery or trauma.

3. Adverse Effects

Patients should report unusual chest pain, severe headache or increased breathlessness to their prescribing physician. An acute upper respiratory tract infection may require temporary discontinuation of treatment.

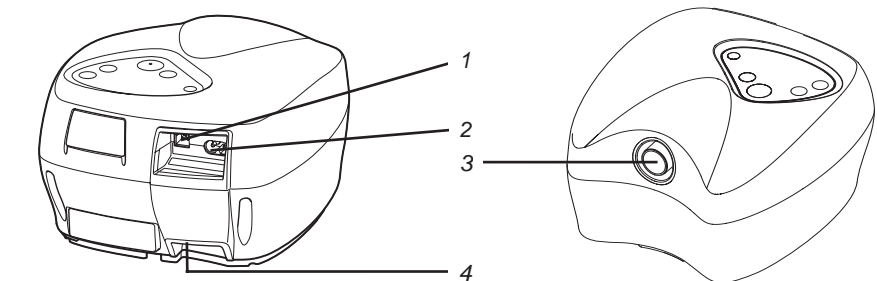
The following side effects may arise during the course of therapy with the Tango:

- drying of the nose, mouth or throat
- nosebleed
- bloating
- ear or sinus discomfort
- eye irritation
- skin rashes.

4. Parts of the Tango

Your Tango comprises:

- C-Series Tango flow generator (shown below)
- Power cord
- 6'6" (2 m) air tubing.



- | | |
|---|-----------------------------------|
| 1 Signal cable socket (humidifier use only) | 3 Air outlet |
| 2 Power cord socket | 4 Air inlet (contains air filter) |

Masks

The ResMed mask systems recommended for use with the Tango are:

- | | |
|--------------------------------------|-----------------------------|
| • Mirage™ Full Face Mask Series II | • Meridian™ Nasal Mask |
| • Ultra Mirage™ Full Face Mask | • Mirage Nasal Mask |
| • Mirage Swift™ Nasal Pillows System | • Mirage Activa™ Nasal Mask |
| • Papillon™ Nasal Mask | • Mirage Vista™ Nasal Mask |
| • Silent Papillon™ Nasal Mask | • Ultra Mirage™ Nasal Mask |

For information on using masks, see your mask manual.

Humidifiers

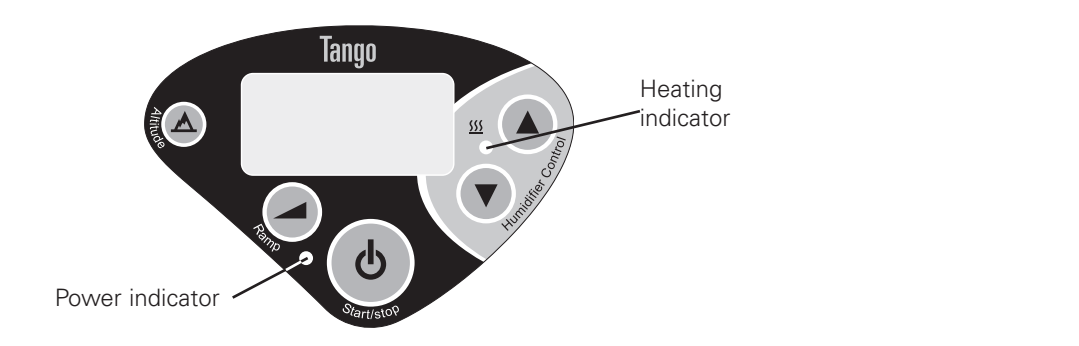
For information on using the C-Series Heated Humidifier or the ResMed Passover, see your humidifier manual.

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Protected by patents: US 4944310, US 5199424, US 5522382, US 6705315. Patents and designs pending.

Tango, Mirage, Mirage Activa, Mirage Vista, Ultra Mirage, Mirage Swift, and Meridian are trademarks of ResMed Ltd. Mirage, Mirage Activa, Mirage Vista, Ultra Mirage, Mirage Swift and Meridian are registered in US Patent and Trademark Office. Papillon and Silent Papillon are trademarks of MAP Medizin-Technologie GmbH.

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5. The Tango Interface



Standby mode	When the Tango is powered, the power indicator is lit and the run hours are displayed on the LCD. All changes to altitude and ramp settings are made in standby mode.
Ramp	Setting a ramp time enables therapy to start at a low pressure and build up to full pressure during the ramp time (see "Set ramp time").
Altitude	Changes in altitude affect the pressure delivered by the Tango. The altitude feature compensates for pressure changes related to changes in altitude (see "Set altitude").
Run hours	Run hours are displayed when the Tango is in standby mode.
Humidifier	The humidifier buttons are used when using the C-Series Heated Humidifier and when setting the altitude. The heating indicator lights when the humidifier is on.

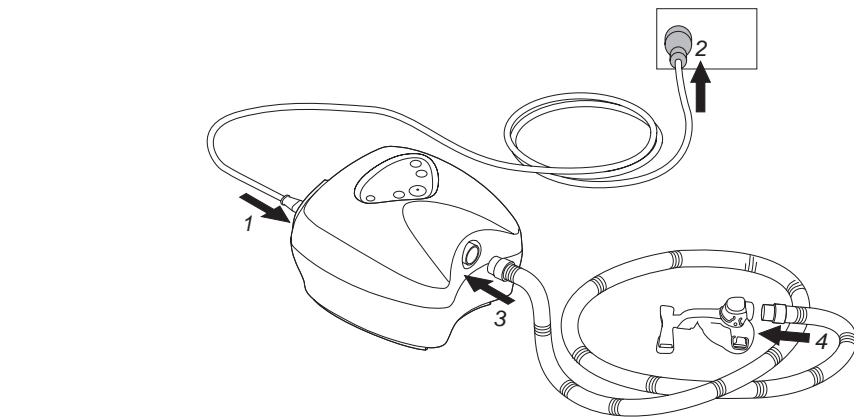
6. Setting up the Tango

⚠️ CAUTION

- **Be careful to place the device where it cannot be bumped, and where no one will trip over the power cord.**
- **If you put the device on the floor, make sure the area is free from dust and clear of bedding, clothes or other objects that could block the air inlet.**
- **Make sure the area around the device is dry and clean.**

⚠️ WARNING

- **Make sure the power cord and plug are in good condition and the equipment is not damaged.**
- **Only ResMed air tubing should be used with the device. A different type of air tubing may alter the pressure you actually receive and reduce the effectiveness of your treatment.**
- **Blocking the hose and/or air inlet of the device while in operation could lead to overheating of the device.**



- 1 Connect power cord to the rear of the Tango.
- 2 Plug the other end into a power outlet.
- 3 Connect air tubing to air outlet of Tango.
- 4 Connect assembled mask system to free end of air tubing.

7. Using the Tango

Start therapy	Press when the Tango is in standby mode. A circulating dash symbol displays on the LCD. If ramp is set, the ramp time displays on the LCD. When ramping is finished, therapy continues at the prescribed pressure. If no ramp is set, therapy starts immediately at the prescribed pressure.
Stop therapy	Press .
Set ramp time	<ol style="list-style-type: none"> 1. Repeatedly press until the LCD displays the desired time. 2. Press to accept changes and start therapy. (The Tango returns to standby mode after 5 seconds if no button is pressed.) The ramp settings are (in minutes): Off, 10, 20, 45.
Set altitude	<ol style="list-style-type: none"> 1. Hold down for 3 seconds until the current altitude setting is displayed. 2. Press or to change the altitude setting. 3. Press to accept changes and return to standby mode. (The Tango returns to standby mode after 10 seconds if no button is pressed.) The altitude settings are: 1 (0–2000'/0–609 m), 2 (2001–4000'/610–1219 m), 3 (4001–6000'/ 1220–1828 m), 4 (6001–8500'/ 1829–2591 m).

8. Cleaning and Maintenance

⚠️ WARNING

Beware of electric shock. Do not immerse the flow generator or power cord in water. Always unplug the flow generator before cleaning and make sure it is dry before reconnecting.

⚠️ CAUTION

- **Do not hang the air tubing in direct sunlight as it may harden over time and eventually crack.**
- **Do not use bleach, chlorine, alcohol, or aromatic-based solutions, moisturizing or antibacterial soaps or scented oils to clean the air tubing or the Tango. These solutions may cause hardening and reduce the life of the product.**

Daily

Disconnect the air tubing and hang it in a clean, dry place until next use.

Weekly

1. Remove the air tubing and wash it in warm water and mild detergent. Rinse thoroughly, hang and allow to dry.
2. Before next use, reassemble the mask and headgear.
3. Reconnect the air tubing.

Monthly

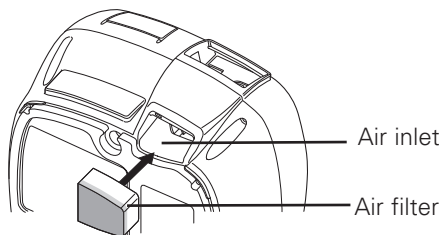
- Clean the exterior of the Tango with a damp cloth.
- Check the air filter for holes and blockage by dirt. Replace it every six months, or more often in a dusty environment.

For information on cleaning your mask or humidifier, refer to the manual supplied with your mask or humidifier.

9. Changing the Air Filter

⚠️ CAUTION

Do not wash the air filter.



1. With the power cord and air tubing disconnected, turn the Tango upside down so the air inlet is facing you. The air filter is inside the air inlet.
2. Pull the old air filter out of the air inlet.
3. Put the new air filter into the air inlet in the direction shown by the arrow, with the blue side facing towards you.

10. Troubleshooting

Problem	Possible Cause	Solution
Tango won't start	Power cord not connected properly Faulty power outlet	Check power cord. Try another power outlet.
No/low air flow	Air tubing not connected properly Air tubing is blocked, pinched or punctured	Adjust air tubing connection. Unblock or free air tubing. Check air tubing for punctures.
Treatment pressure seems either low or too high	Altitude setting incorrect	Adjust altitude setting.
LCD displays an error message and treatment stops or can't be started	Problem with motor	Contact your supplier.

11. Technical Specifications

Operating pressure range	4 to 20 cm H ₂ O
Dimensions (L x W x H)	8.5" x 7.4" x 4.5" (215 mm x 189 mm x 114 mm)
Weight	2.4 lb (1.1 kg)
Power Supply	Input range 110V, 60Hz, 20VA/10W (typical power consumption), 36VA/15W (maximum power consumption)
Operating Temperature	+41°F to +104°F (+5°C to +40°C)
Operating Humidity	10%–95% non-condensing
Storage and Transport Temperature	-4°F to +140°F (-20°C to +60°C)
Storage and Transport Humidity	10%–95% non-condensing
Atmospheric Pressure Range	1060 hPa (sea level) to 680 hPa (8500'/ 2591 m)
Electromagnetic Compatibility	Product complies with all applicable electromagnetic compatibility requirements (EMC) according to IEC60601-1-2, for residential, commercial and light industry environments
Air Filter	Two-layered, powder-bonded, polyester non-woven fiber
Air Tubing	Flexible plastic, 6'6" (2 m)
Air Outlet	The 0.87" (22 mm) conical air outlet complies with EN 1281-1
IEC 60601-1 Classifications	Class II (double insulation), Type CF

The manufacturer reserves the right to change these specifications without notice.

12. Symbols Which Appear on the Tango

	Attention. Consult accompanying documents		Drip proof
	Type CF equipment		Class II equipment
	Canadian Standards Association		

⚠️ 13. General Warnings and Cautions

A **warning** alerts you to possible injury.

- Read the entire guide before using the Tango.
- The advice in this guide should not supersede instructions given by the prescribing physician.
- The Tango should only be used with masks (and connectors*) recommended by ResMed, or by a physician or respiratory therapist. A mask should not be used unless the Tango is turned on and operating properly. The vent hole or holes associated with the mask should never be blocked.

Explanation: The Tango is intended for use with special masks (or connectors*) with vent holes allowing a continuous flow of air out of the mask.

- When the device is turned on and functioning properly, new air from the device flushes the exhaled air out through the mask vent holes. If the device is not operating, insufficient fresh air is provided through the mask, and the exhaled air may be rebreathed. Rebreathing exhaled air for longer than several minutes can sometimes lead to suffocation. If there is a power failure or the device machine malfunctions, remove the mask.

- The Tango can be set to deliver pressures up to 20 cm H₂O. In the unlikely event of certain fault conditions, pressures up to 30 cm H₂O are possible.

- If oxygen is used with this device, the oxygen flow must be turned off when the device is not operating. If oxygen has been left on while the device is not operating, disconnect the oxygen and wait 30 minutes before turning on the flow generator again.

Explanation: When the CPAP device is not in operation and the oxygen flow is left on, oxygen delivered into the air delivery tubing may accumulate within the CPAP machine enclosure and create a risk of fire.

- Oxygen supports combustion. Do not use oxygen while you are smoking or in the presence of an open flame.
- Always ensure air is flowing from the device before turning on the oxygen supply.
- Always turn the oxygen supply off before stopping the airflow from the device.

Note: *At a fixed rate of supplemental oxygen flow, the inhaled oxygen concentration will vary, depending on where the oxygen is introduced, pressure settings, patient breathing pattern, mask selection and leak rate.*

- Do not use the Tango if there are obvious external defects or unexplained changes in performance.
- Do not open the Tango case. There are no user serviceable parts inside. Repairs and internal servicing should only be performed by an authorized service agent.

A **caution** explains special measures for safe and effective use of the device.

- At low pressures, the flow through the exhalation ports of your mask may not clear all exhaled gas from the tubing. Some rebreathing may occur.
- The airflow for breathing produced by this device can be as much as 11°F (6°C) higher than the temperature of the room. Be careful if the room temperature is warmer than 90°F (32°C).

* Ports may be incorporated into the mask or in connectors that are near the mask.

14. Servicing

The Tango should be inspected by an authorized ResMed service center 5 years from the date of manufacture. Before this, the device is intended to provide safe and reliable operation if it is operated and maintained according to the instructions provided by ResMed. Warranty details are provided with the device at the time of original supply. As with all electrical devices, if any irregularity becomes apparent, you should have the device inspected by an authorized ResMed service center.

15. Limited Warranty

ResMed warrants that your ResMed product shall be free from defects in material and workmanship for the period specified below from the date of purchase by the initial consumer. This warranty is not transferable.

Product	Warranty Period
ResMed humidifiers, ResControl™, ResLink™, ResTraxx™	1 Year
ResMed flow generators	2 Years
Accessories, water chambers and mask systems (including mask frame, cushion, headgear and tubing). Excludes single-use devices.	90 Days

Note: *Some models are not available in all regions.*

If the product fails under conditions of normal use, ResMed will repair or replace, at its option, the defective product or any of its components. This Limited Warranty does not cover:

- a) any damage caused as a result of improper use, abuse, modification or alteration of the product;
 - b) repairs carried out by any service organization that has not been expressly authorized by ResMed to perform such repairs;
 - c) any damage or contamination due to cigarette, pipe, cigar or other smoke;
 - d) any damage caused by water being spilled on or into a flow generator.
- Warranty is void on product sold, or resold, outside the region of original purchase. Warranty claims on defective product must be made by the initial consumer at the point of purchase. This warranty is in lieu of all other express or implied warranties, including any implied warranty of merchantability or fitness for a particular purpose. Some regions or states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

ResMed shall not be responsible for any incidental or consequential damages claimed to have occurred as a result of the sale, installation or use of any ResMed product. Some regions or states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from region to region. For further information on your warranty rights, contact your local ResMed dealer or ResMed office.

