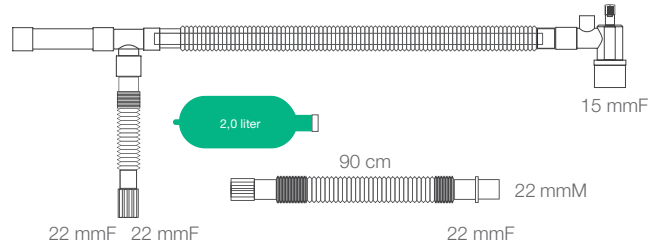


ALTECH COAXIAL CIRCUITS

COAXIAL ANESTHESIA
CIRCUIT WITHOUT WATER TRAP

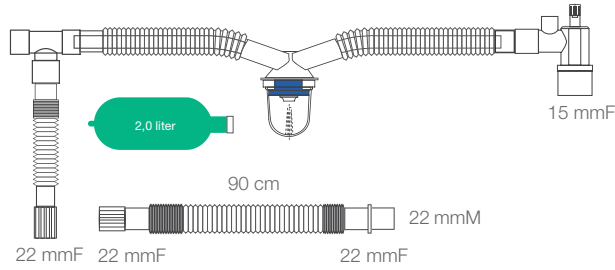
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ALTECH COAXIAL CIRCUITS WITH DOUBLE WATER TRAP

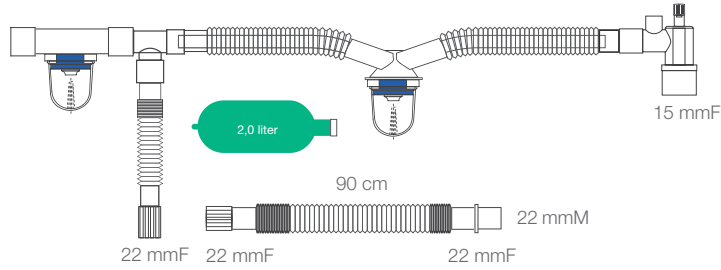
COAXIAL ANESTHESIA
CIRCUIT WITH WATER TRAP

Length	Code	Qty/Box
180 cm/71"	AL-1913-060	30



LOW-FLOW COAXIAL ANESTHESIA
CIRCUIT WITH TWO WATER TRAPS

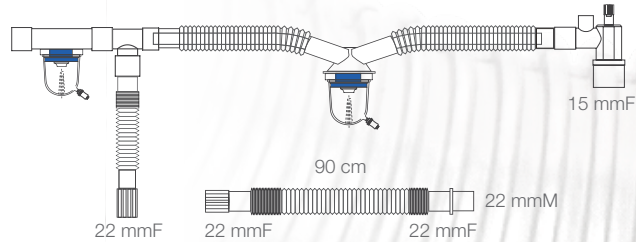
Length	Code	Qty/Box
180 cm/71"	AL-1923-060	30



ALTECH FULLY CLOSED COAXIAL CIRCUITS
WITH TWO NEEDLE-FREE WATER TRAP

COAXIAL VENTILATION
CIRCUIT WITH TWO NEEDLE FREE WATER TRAPS

Length	Code	Qty/Box
180 cm/71"	AL-1923-000/9	50



Note: Product codes and versions are subject to change.
Kindly verify with your sales representative.

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Coaxial Circuits

altech[®]

Breathing Systems

ALTECH COAXIAL CIRCUITS WITH DOUBLE WATER TRAP

General Features

Designed for reliability and convenience, these coaxial circuits enhance the natural warming of inspired gases with their streamlined tube-within-a-tube design.

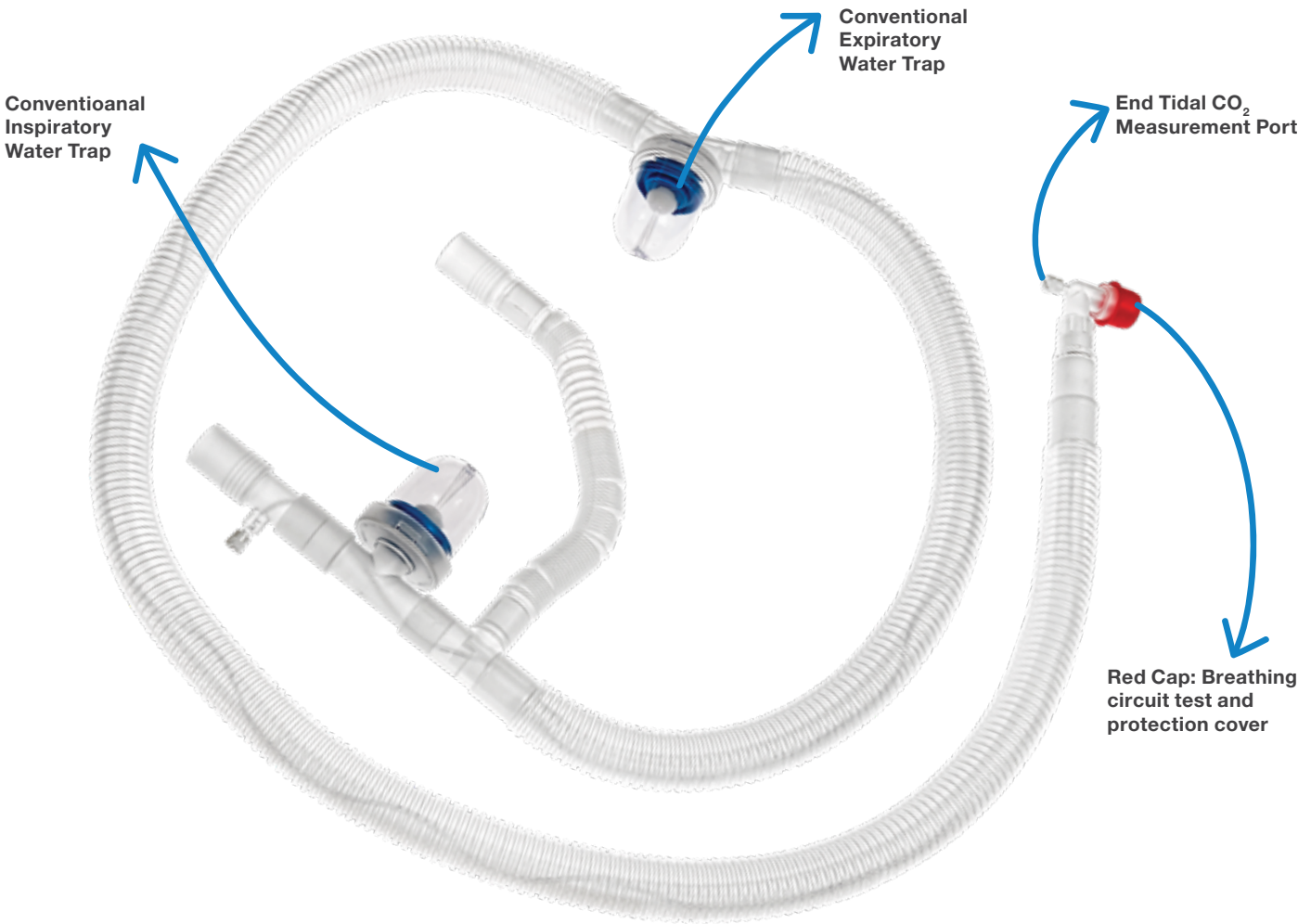
The main advantage of this coaxial design is its ability to create a self-contained, thermally efficient environment where inspired gases are naturally warmed and humidified.

The system offers increased mobility and lower weight compared to traditional circle circuits, thus reduces the drag effect on patient.

Safely Use Altech Coaxial Circuits in Low Flow Anesthesia

Low-flow anesthesia enhances the humidification and warming of anesthetic gases. In long-term operations, the high temperature and humidity of anesthetic gases can cause condensation in the circuit.

The Coaxial Circuit with a water trap collects condensate, minimizing the risk of malfunction and ensuring safety especially in prolonged use in low-flow anesthesia.



Altech Coaxial Circuits with Double Water Trap

Safe for use in anesthesiology, with specially designed self-sealing water traps on both inspiratory and expiratory lines to protect both the machine and the patient.

Can be used in the Post-Anesthesia Care Unit (PACU) if the patient requires mechanical ventilation after surgery.

Allows for end-tidal CO₂ measurements via built-in ports.

ALTECH FULLY CLOSED COAXIAL CIRCUITS WITH TWO NEEDLE-FREE WATER TRAP

Originally designed as an anesthesia circle system, the coaxial circuit has also proven effective in the ICU by providing the desired level of humidity. The Altech Coaxial (tube within a tube) breathing system is ideal for use in both the operating room and ICU.

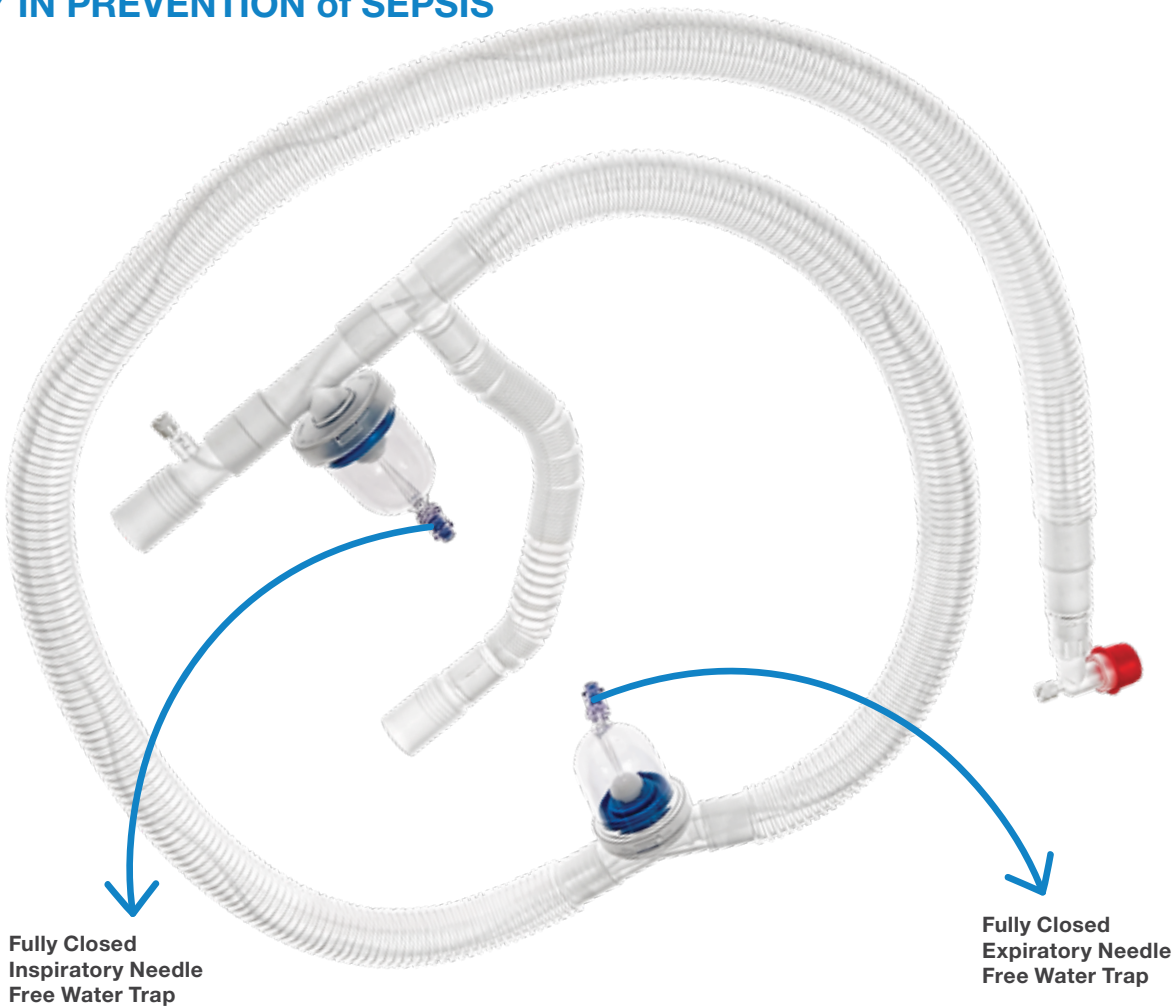
The system offers increased mobility and lower weight compared to traditional circle circuits.

Water traps eliminate the risk of infection in the ICU by preventing condensation accumulation in the inspiratory and expiratory lines, which can lead to sepsis.

The unique design of the needle free water trap removes condensation from the circuit, securing the machine and improving ventilation by preventing airflow resistance caused by water buildup.

An optional CO₂ monitoring line collects end-tidal CO₂ from the tip of the patient elbow connector, ensuring accurate gas sampling.

FULLY CLOSED VENTILATION CIRCUIT IS YOUR CLOSEST ALLY IN PREVENTION of SEPSIS



CONTINUITY OF MECHANICAL VENTILATION and MINIMUM INFECTION RISK

Proper humidification is crucial for mechanically ventilated patients. Active humidification, commonly used for adequate moisture, often leads to water condensation in the circuit.

Condensation in the ventilation circuit is considered contaminated and must be carefully handled and removed to prevent infection. Opening the system to drain the condensate can lead to issues that increase the risk of interruption and failure of therapy such as;

- Contamination of the circuit interior
- Exposure of caregivers to contaminated condensate
- Cross-contamination of other patients
- Possible collapse of the alveoli due to circuit breakage.

Using a closed system to collect and drain condensate is essential to avoid these challenges and prevent infections like VAP and sepsis. ALTECH fully closed ventilation circuits ensure continuous ventilation therapy with minimized infection risk.