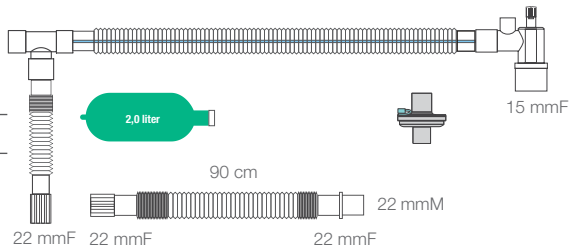


## ALTECH SEPTIFLOW

### STANDART SINGLE LIMB CIRCUIT

	Length	Code	Qty/Box
<b>Adult &amp; Pediatric</b>	180 cm/71"	AL-11103-160	30

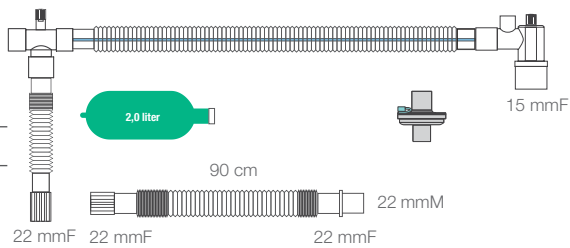
Latex Free



### SINGLE LIMB CIRCUIT WITH INTEGRATED CO<sub>2</sub> SAMPLING LINE

	Length	Code	Qty/Box
<b>Adult &amp; Pediatric</b>	180 cm/71"	AL-11103-160/5	30

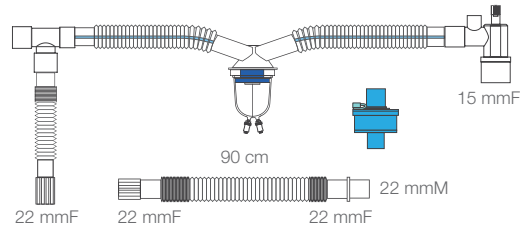
Latex Free



### SINGLE LIMB CIRCUIT WITH NEEDLE FREE WATER TRAP

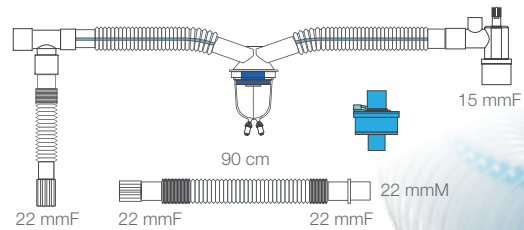
	Length	Code	Qty/Box
<b>Adult &amp; Pediatric</b>	180 cm/71"	AL-11121-200/9	30

Latex Free



	Length	Code	Qty/Box
<b>Adult &amp; Pediatric</b>	180 cm/71"	AL-11121-206/9	30

Latex Free



	Length	Code	Qty/Box
<b>Adult &amp; Pediatric</b>	180 cm/71"	AL-11121-206/9	30

Latex Free



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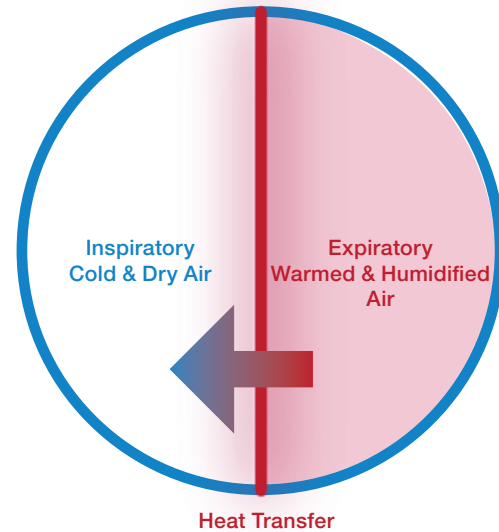
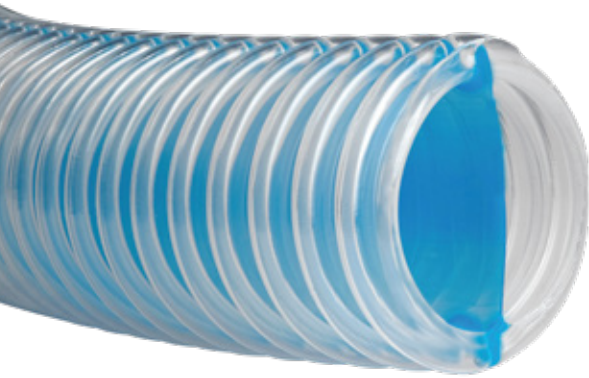
# Septiflow

**altech**<sup>®</sup>  
 Respiratory Care Breathing Systems and Filters

# ALTECH SEPTIFLOW

## Natural Warming & Humidifying of the Inhaled Gases

Dry gas flowing from the ventilator and anesthesia machine may cause problems when delivered to a patient's lungs during respiratory therapy. The warm, moist climate in the nose, and mouth are bypassed by the ET-tube and the gas is still dry and cool when it reaches the lower airways. Dry breathing gas dries respiratory mucosa, resulting in a higher risk of mucosa injury, obstruction, and infection.



## Low Flow

During inhalation anaesthesia, the use of low fresh gas flow has some important clinical, economical, technological, and environmental advantages. Although low flow anesthesia technique increases humidification and warming of anaesthetic gases, if continued for an extended duration, condensation may occur in the expiratory line of the circuit leading to equipment malfunction such as failure of the valves and gas monitor of the anesthesia machine.

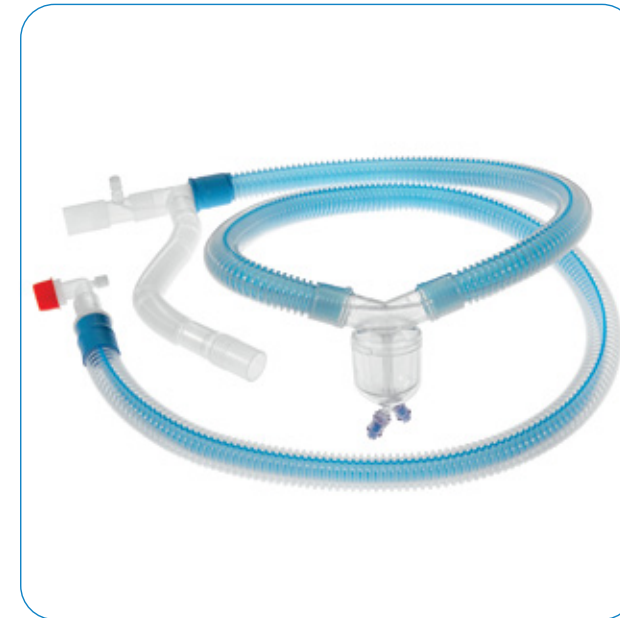
**While Altech Septiflow naturally warms and moistens the inhaled air by allowing the transfer of heat from the expiratory to the inspiratory line; patented integrated inspiratory and expiratory self-sealed water traps avoid the accumulation of condensation.**

**Integrated CO<sub>2</sub> Gas Sampling Line also allows precise measurement of end-tidal CO<sub>2</sub> through a capnography device, hence eliminating the low flow anesthesia's rebreathing risk.**



## FULLY CLOSED VENTILATION

Condensation that collects in the ventilation circuit is considered to be contaminated, and it should be handled and removed carefully for infection control purposes. If the system is opened to drain the condensate, consequences such as contamination of the interior of the circuit; exposure of caregiver to contaminated condensate; cross-contamination of other patients, and possible collapse of the alveoli due to breakage of the circuit may occur and increase the risk of interruption and failure of therapy.



**Collection and drainage of the condensate with a closed system is crucial to eliminate the challenges above and to prevent infection (VAP and sepsis). Altech Septiflow's patented and integrated water trap contributes to continuous ventilation therapy without interruption and with minimized infection risk by withdrawing the contaminated condensate through a truly closed system.**



## Inventory Consolidation & Cost Effective

**One Circuit for Anesthesia and ICU  
One Circuit for Adult and Pediatric Patients**

Altech Septiflow's patented integrated water trap enables patients to be transferred to the ICU with the same circuit after inhalation anesthesia.

Altech Septiflow may be used both for the adult and pediatric patient populations.

Altech Septiflow saves time by eliminating the need to change circuits between anesthesia and ICU in both adult and pediatric patient groups.

## Less Plastic & Environment Friendly

Meditera Tibbi Malzeme San. Tic. A.S. is ISO 14001 certified for years and established an environmental management system that is appropriate in scope and scale to our manufacturing operations.

During the manufacturing process of Altech Septiflow, less plastic is used, hence less plastic waste is disposed of.

## Low Compliance

Altech Septiflow single limb circuit's lightweight tube is divided into two longitudinally by a flexible septum running the length of the tube and the septum along with the stiffness of the tubing decreases compliance, thereby increasing the total volume delivered to the patient.

**"What you set is what you get"**

## Less Weight & Torque

Less plastic results in less weight and less torque on the patient's artificial airway device.

Altech Septiflow weighs approximately %25 less than conventional two-limb circle circuits

## Leak Tester

To ensure patient safety, a leak tester is included with the system to verify the inner lumen's integrity before use. This helps prevent any accidental mixing of inspired and expired gases.

