

Septiflow

altech[®]

Breathing Systems



Our Mission

To create a healthcare world brand from Izmir, a bridge between the medical sector and society by delivering low cost and user friendly solutions with the highest product-process-quality performance and to build up a culture of mutual trust and continuous improvement among our stakeholders.

Our Vision

Safe Work & Capable People

To provide an excellent work environment to our employees by consistently taking care about their safety and to provide training to develop their capabilities

Delivery

To maintain 100% customer satisfaction by punctual deliveries.

Quality Process

To establish a robust quality system that allows us to become a highly reliable and in compliance with regulations.

Financial

While our company increases its growth in sales, will also be focused on the continuous improvement of our financial management of costs and expenses to improve the cash flow.



1983

The Year Group was established

70 M

The Consolidated USD Turnover in 2015

78

The Number of Countries Group Exports To

590

Headcount

60.000 m²

Total Area

30.000 m²

Production Area

11

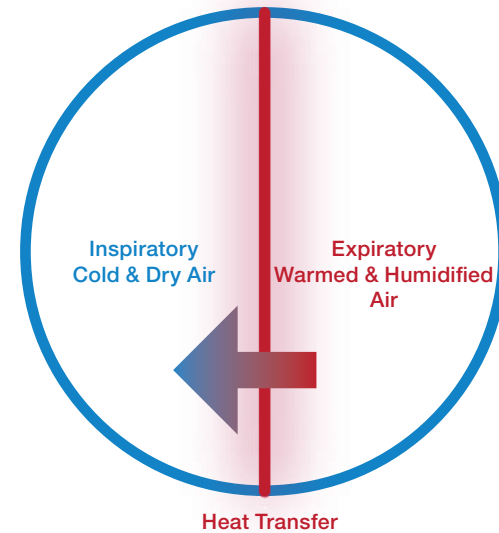
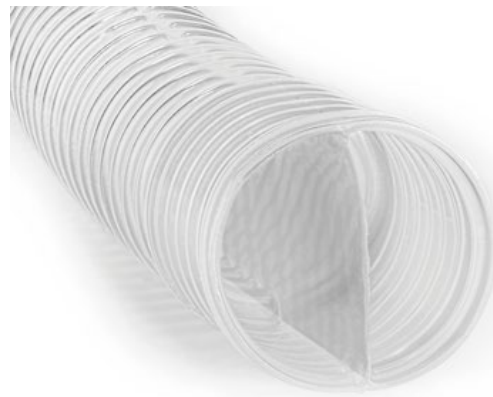
Cleanrooms

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 by-passed 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 higher risk of mucosa injury, obstruction and infection.

Altech Septiflow single limb circuit's lightweight tube is divided into two (expiratory and inspiratory) lines with a longitudinal flexible septum that runs all through the tube. This septum allows the transfer of heat from the expiratory to the inspiratory line. Inspiratory air hence is naturally warmed and moistened.



Low Flow

During inhalation anaesthesia, use of low fresh gas flow has some important clinical, economical, technological and environmental advantages. Although low flow anaesthesia 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 anaesthesia machine.

While Altech Septiflow naturally warms and moistens the inhaled air by allowing transfer of heat from expiratory to inspiratory line; patented integrated inspiratory and expiratory self sealed water traps avoid accumulation of the condensation. Integrated CO₂ Gas Sampling Line also allows precise measurement of end tidal CO₂ through capnography device hence eliminating the low flow anaesthesia's rebreathing risk.



Integrated CO₂ Sampling Line

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 interior of the circuit; exposure of caregiver to contaminated condensate; crosscontamination 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 challenges above and to prevent infection (VAP and sepsis). Altech Septiflow's patented and integrated water trap contribute 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 adult and pediatric patient population.

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

Altera 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.

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

Low Compliance

Altech Septiflow single limb circuit's lightweight tube is divided into two longitudinally by 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

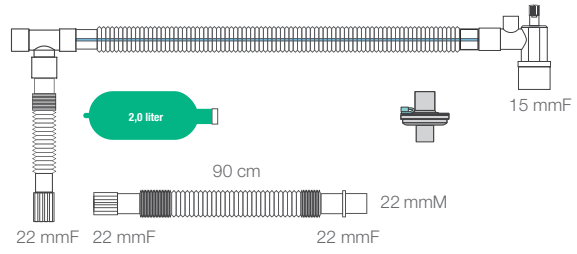
"What you set is what you get"

ALTECH SEPTIFLOW

STANDART SINGLE LIMB CIRCUIT

	Length	Code	Qty/Box
Adult & Pediatric	180 cm/71"	AL-11103-160	30

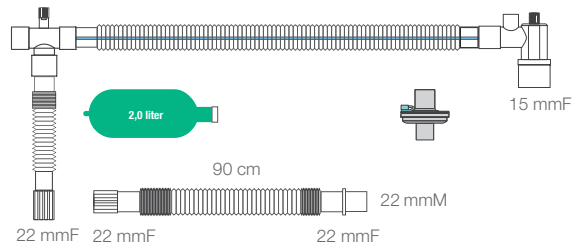
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SINGLE LIMB CIRCUIT WITH INTEGRATED CO₂ SAMPLING LINE

	Length	Code	Qty/Box
Adult & Pediatric	180 cm/71"	AL-11103-160/5	30

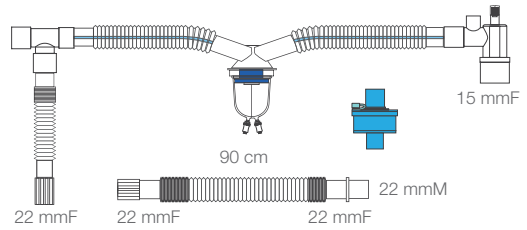
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SINGLE LIMB CIRCUIT WITH NEEDLE FREE WATER TRAP

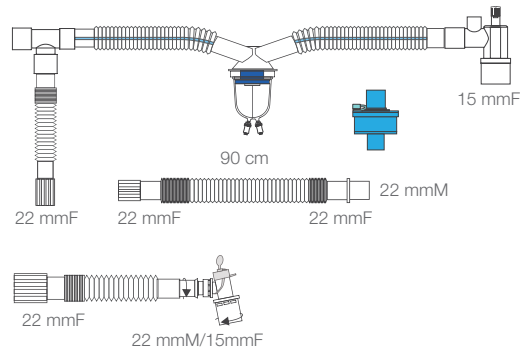
	Length	Code	Qty/Box
Adult & Pediatric	180 cm/71"	AL-11121-200/9	30

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	Length	Code	Qty/Box
Adult & Pediatric	180 cm/71"	AL-11121-206/9	30

Latex Free



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