

Septiflow

altech[®]

Breathing Systems



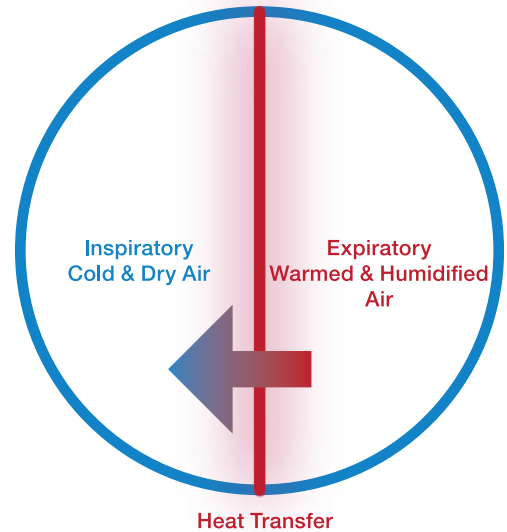
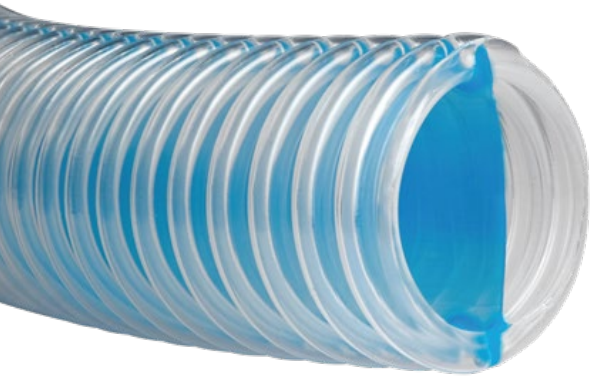
a Meditera Company

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 colored 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

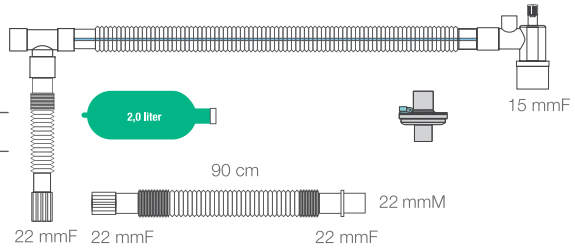
"What you set is what you get"

ALTECH SEPTIFLOW

STANDART SINGLE LIMB CIRCUIT

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

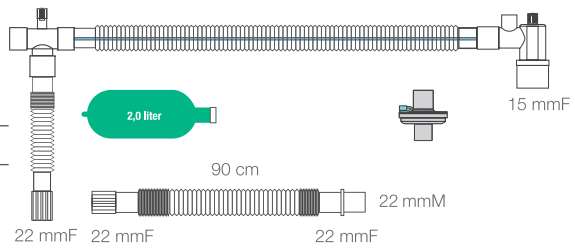
Latex Free



SINGLE LIMB CIRCUIT WITH INTEGRATED CO₂ SAMPLING LINE

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

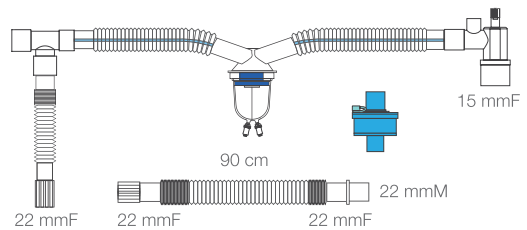
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SINGLE LIMB CIRCUIT WITH NEEDLE FREE WATER TRAP

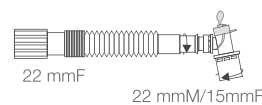
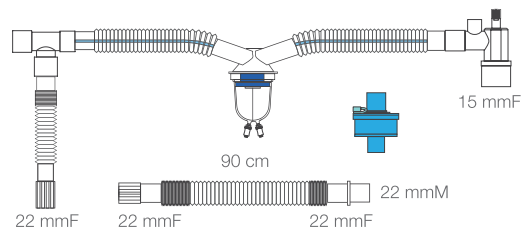
	Length	Code	Qty/Box
Adult & Pediatric	180 cm/71"	AL-11121-200/9	30

Latex Free



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

Latex Free



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