

## **CRITICAL CARE RESPIRATORY CARE ANESTHESIA**

## CATALOGUE

[www.rventmedikal.com](http://www.rventmedikal.com)

# INTRODUCTION

R-Vent Medikal was founded in 2015 with confidence and value. Located in İzmir, Turkey, R-Vent is a professional enterprise in the field of researching, manufacturing, marketing and servicing disposable medical devices. We provide flexible patient solutions for airway management, anesthesia, critical care and oxygen & aerosol therapy for use within emergency care, the hospital environment and also in the home. All products have been clinically tested. A dynamic and inventive company, R-Vent enjoys International success via export to Europe, North and South America, Asia, Africa and Australia continents, growing up with the warmest welcome by its devoted customers.

Biocompatible raw materials used in production are in conformity to USP and ISO 10993 standards. In-house acceptance controls are also performed to meet the stringent demands of our quality system. Extrusion, injection and blow molding processes are performed in controlled environments. Product assembly and packaging are performed in class 10.000 and 100.000 clean rooms. Disposable medical devices are packaged in clean rooms using fully automated equipment with validated processes and packaging materials. Our goal is to continuously supply high quality medical devices to healthcare professionals all over the world and to ensure that these products fully comply to both national and international regulatory and customer requirements. All products bear the CE mark demonstrating compliance with the Medical Device Directive 93/42/EEC. R-Vent Quality Management System is certified according to ISO 13485:2016.

A specialist in Anesthesiology, R-Vent aims to extend its product range over the time. R-Vent commits to research and development of new products while aiming to be at the fore front of advancements in anesthesiology.

R-Vent proudly stands for its ability to serve you with OEM and ODM Services which assist you to find the best product that accommodates your unique requirement. We are dedicated to supply high quality components tailored to individual customer requirements. In the core of business, all staff holds the same belief; "We care for patients with quality products." The company runs many projects with world-wide multinational healthcare providers R-Vent products, services and activities have an environmental dimension. We follow a sustainable development policy in line with the move to a cleaner and healthier world for future generations. We strive to protect and improve healthcare and welfare of the humanity.



**CE 2195 EN ISO 13485:2016**



## OUR MISSION

Our mission is to become a distinguished company which produces and supplies reliable, high class, cost-effective, affordable medical products for the improvement for the quality of human life.

## CORE VALUES

- Prosperity of humanity
- Honesty
- Leadership
- Teamwork
- Customer orientation
- Innovation
- Dynamism
- Creativity
- Sustainability
- Continuous development

## OUR VISION

We are dedicated to be admired by both our customers and partners all around the world for the best quality of our products and services. We not only aim to be good in healthcare, but also in welfare of all humanity.

We suggest; **TAKE A NEW BREATH WITH RVENT.**

## QUALITY POLICY

**Our quality policy in R-Vent Medikal is;**

- To be an innovative and leading company in medical device industry
- To provide the market with competitive prices without compromising product quality and our core values
- To keep customer satisfaction at utmost level
- To comply with ISO & FDA Standards
- To improve product quality by implementation of international standards
- To ensure that each employee in the organization adopts the same vision, mission and core values

## ENVIRONMENTAL, HEALTH AND SAFETY POLICY

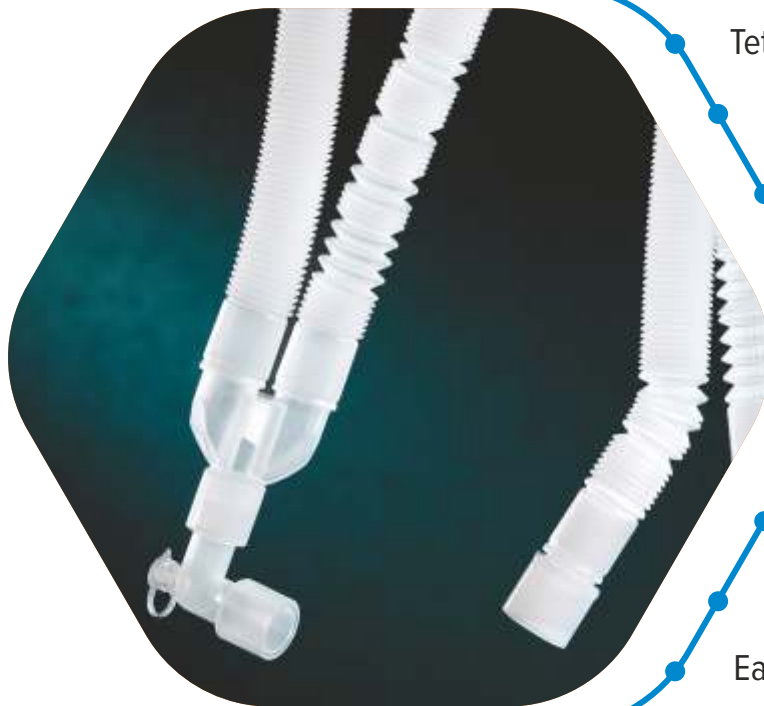
**R-Vent Medikal dedicates itself to the welfare of humanity. Company has social responsibility concerning environmental, health and safety issues.**

**We assure;**

- To implement environmental, health and safety practices in work environments and for our employees
- To use energy sources efficiently
- To conserve natural resources and minimize the waste
- To inform and raise awareness among all our employees
- To operate all company facilities in compliance with environmental legislations



## A GUIDE TO OUR CONNECTORS



- Tethered&luer cap options
- Good flow characteristics
- Better handling
- Good pull of force
- No glue
- Unique click design
- Airtight fit
- No leakage
- Easy handling angle

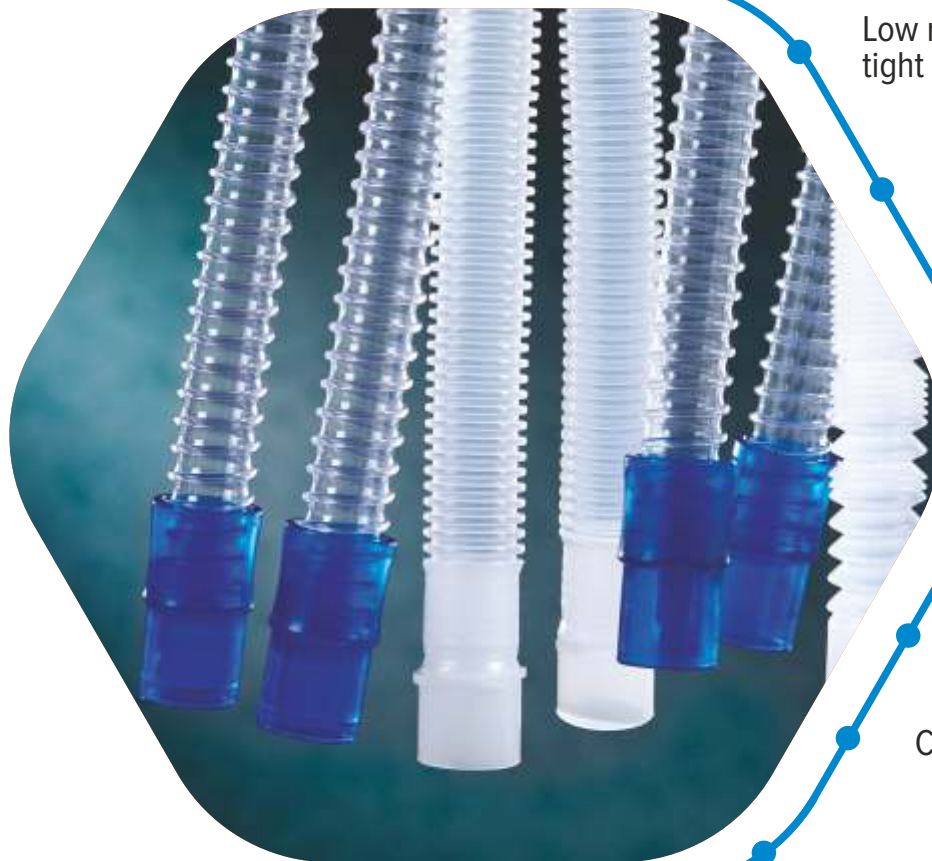
## A GUIDE TO OUR WATERTRAPS



- Unique open/close click mechanism It clicks when closed
- Transparent cup
- R-Vent color code in housing
- Double seal technology
- No TPE seal, no risk of leakage regardless of temperatures



## A GUIDE TO OUR TUBINGS



Low risk of leakage with tight notch connections

Crush-proof thereby eliminating any risk of ventilation being interrupted

Available in all colours

Minimum condensation build-up in the circuit

Less bacterial growth

Lower kinking risk

Comply with ISO 5367:2015

### Corrugated Tubings

- Light weight and economical system
- Corrugated inside
- Flexible, elastic within the tube
- 4 different sizes; 26mm, 22mm, 15mm, 10mm
- Raw material PE

### Extendible Tubings

- Easy positioning for convenient usage and storage
- Ability to store a memory, easy set-up for further usages
- 2 different sizes; 22mm, 15mm
- Raw material PP

### Smoothbore Tubings

- Reinforced by an external helix while inner surface is smooth
- Low flow resistance
- No water accumulation
- Low compliance
- 2 different sizes; 19 mm, 15 mm
- Raw material PVC
- PHT and DEHP Free

# ANESTHESIA CIRCUITS





## Anesthesia Circuits

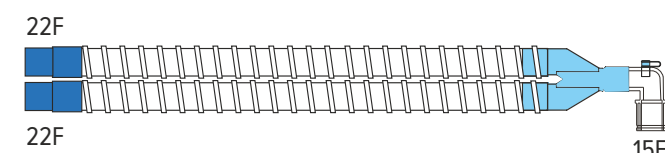
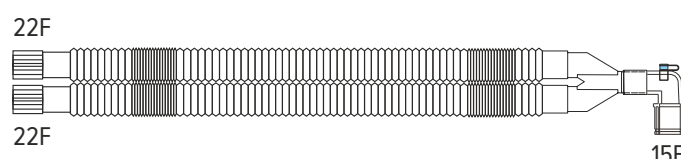
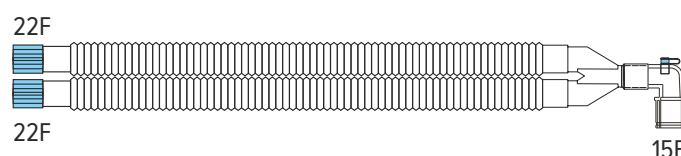
- Successful notch design eliminates the risk of disconnection and leakage in the circuits
- All Circuit types can be customized. R-Vent has the capacity of customization which provide end-users with an endless number of disposable breathing circuit configurations
- All circuits are manufactured in 10.000 class clean room
- The products are CE marked and comply with ISO 13485: 2016 & ISO 5367: 2015 standards
- All circuits are made of medical grade material comply with ISO 10993
- Circuits comply with ISO 18562 biocompatibility standard
- Sterile option available

### Standard Anesthesia Circuits

Corrugated	Length	Code	Qty/Box
Adult	160 cm/~63"	11004000	40
Pediatric	160 cm/~63"	41004000	60

Extendible	Length	Code	Qty/Box
Adult	180 cm/~71"	31005000	100
Pediatric	150 cm/~59"	61003000	100

Smoothbore	Length	Code	Qty/Box
Adult	180 cm/~71"	21005000	40
Pediatric	150 cm/~59"	51003000	50

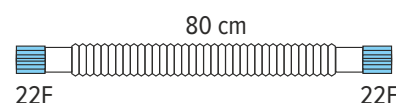
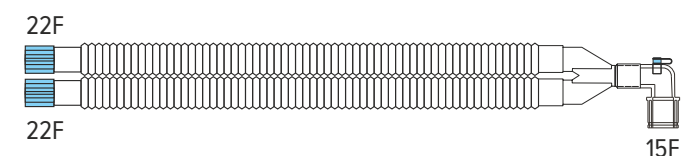


### Anesthesia Circuits with Limb, Latex Breathing Bag

Corrugated	Length	Code	Qty/Box
Adult	160 cm/~63"	11104010	30
Pediatric	160 cm/~63"	41104010	50

Extendible	Length	Code	Qty/Box
Adult	180 cm/~71"	31305010	70
Pediatric	150 cm/~59"	61303010	70

Smoothbore	Length	Code	Qty/Box
Adult	180 cm/~71"	21205010	30
Pediatric	150 cm/~59"	51203010	40



## Corrugated Tubing Circuits

- Light weight and economical system
- Low risk of leakage with tight notch connections

## Extendible Tubing Circuits

- Easy positioning for convenient usage and storage
- Low risk of leakage with tight notch connections
- Ability to store a memory, easy set-up for further usages

## Smoothbore Tubing Circuits

- Better compliance
- Lower kinking risk
- Minimum condensation build-up in the circuit
- Less bacterial growth
- Reinforced by an external helix while inner surface is smooth
- Crush-proof thereby eliminating any risk of ventilation being interrupted



## Anesthesia Circuits with Limb, Latex-Free Breathing Bag

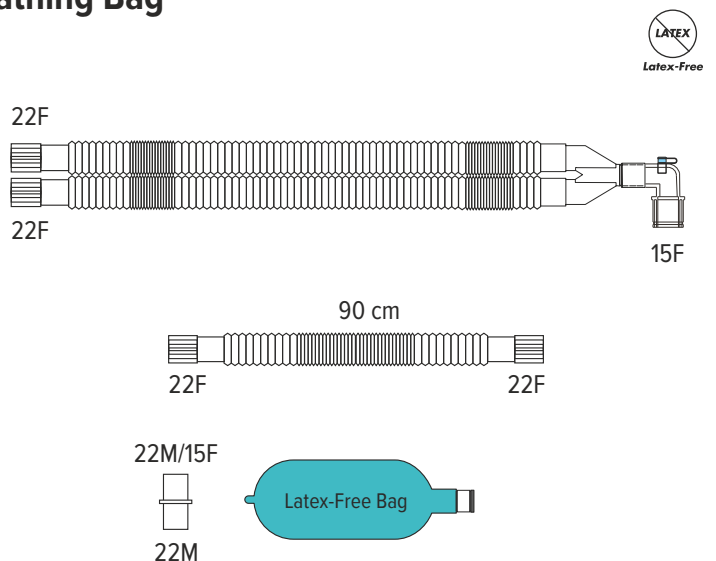
Corrugated	Length	Code	Qty/Box
Adult	160 cm/~63"	11104020	30
Pediatric	160 cm/~63"	41104020	50

Extendible	Length	Code	Qty/Box
Adult	180 cm/~71"	31305020	70
Pediatric	150 cm/~59"	61303020	70

Smoothbore	Length	Code	Qty/Box
Adult	180 cm/~71"	21205020	30
Pediatric	150 cm/~59"	51203020	40



## Anesthesia Circuits with Limb, Latex Breathing Bag, Bacterial-Viral Filter

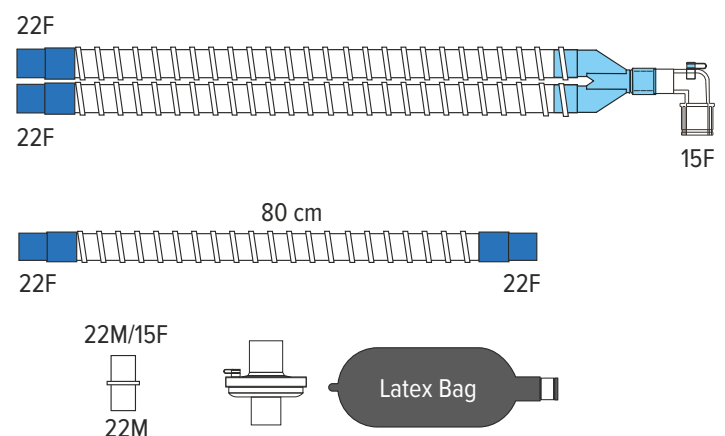
Corrugated	Length	Code	Qty/Box
Adult	160 cm/~63"	11104110	30
Pediatric	160 cm/~63"	41104110	50

Extendible	Length	Code	Qty/Box
Adult	180 cm/~71"	31305110	70
Pediatric	150 cm/~59"	61303110	70

Smoothbore	Length	Code	Qty/Box
Adult	180 cm/~71"	21205110	30
Pediatric	150 cm/~59"	51203110	40







## Anesthesia Circuits with Limb, Latex-Free Breathing Bag, Bacterial-Viral Filter

### Corrugated

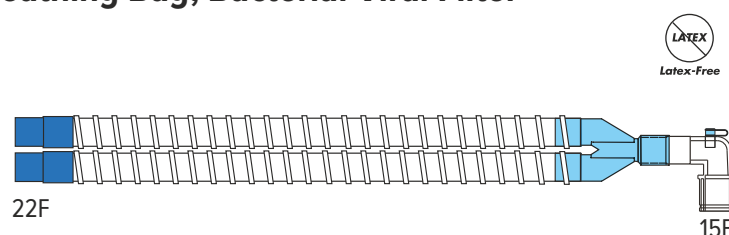
	Length	Code	Qty/Box
Adult	160 cm/~63"	11104120	30
Pediatric	160 cm/~63"	41104120	50

### Extendible

	Length	Code	Qty/Box
Adult	180 cm/~71"	31305120	60
Pediatric	150 cm/~59"	61303120	70

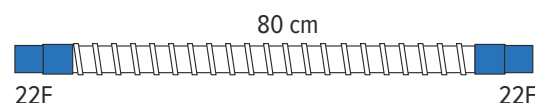
### Smoothbore

	Length	Code	Qty/Box
Adult	180 cm/~71"	21205120	30
Pediatric	150 cm/~59"	51203120	30



22F

15F



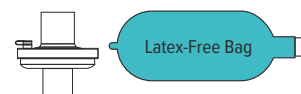
22F

22F

22M/15F



22M

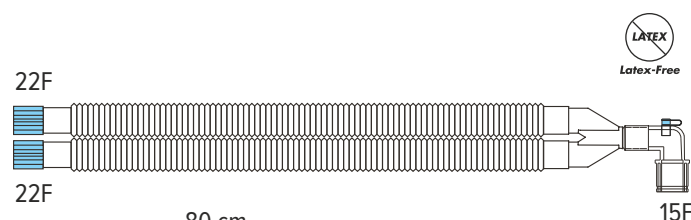


Latex-Free Bag

## Datex ADU® Anesthesia Circuits

### Corrugated

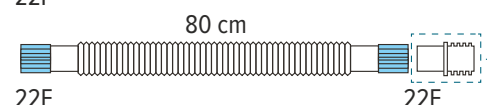
	Length	Code	Qty/Box
Adult	160 cm/~63"	11104029	30
Pediatric	160 cm/~63"	41104029	40



22F

22F

15F



22F

22F



Latex-Free Bag

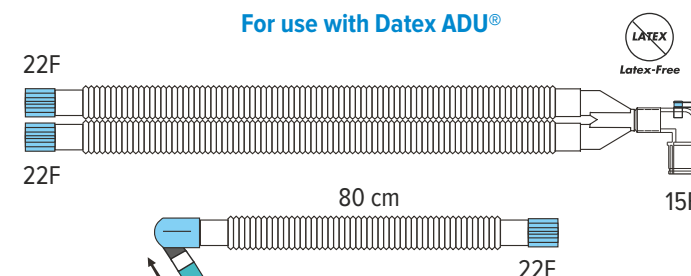
Limb is fitted with a special straight connector at this machine

For use with Datex ADU®

## GE® Workstations Anesthesia Circuits

### Corrugated

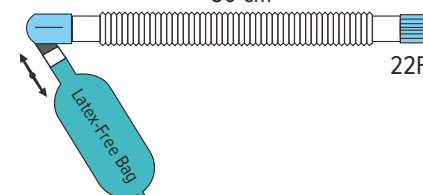
	Length	Code	Qty/Box
Adult	160 cm/~63"	11104020-5	30
Pediatric	160 cm/~63"	41104020-5	50



22F

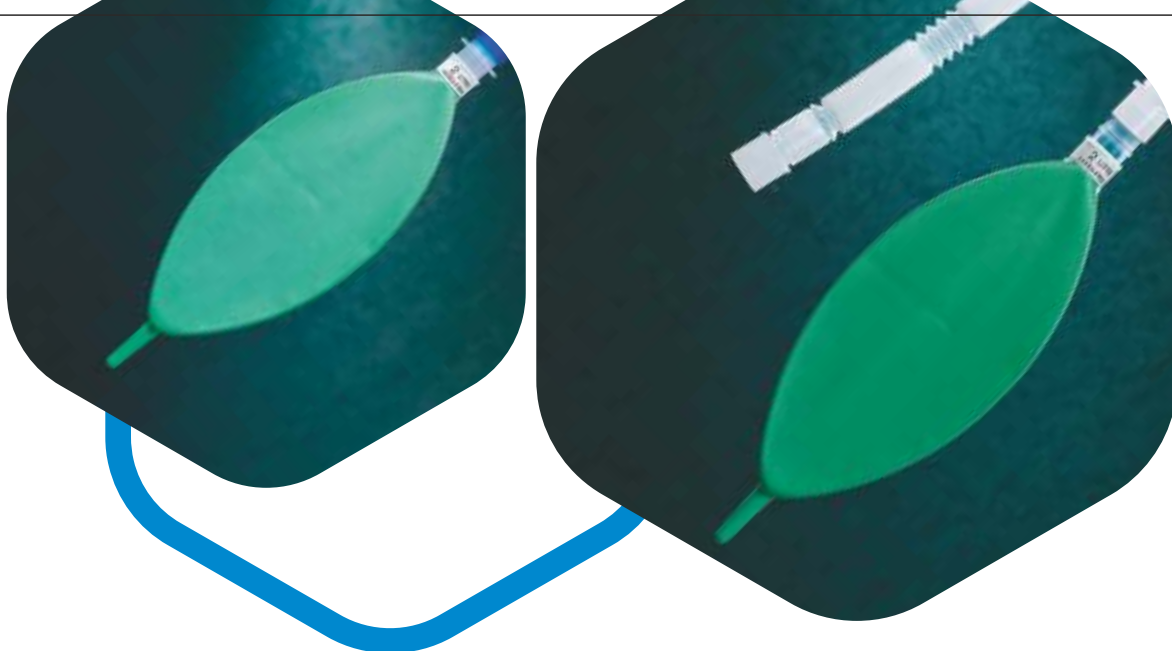
22F

15F



For use with GE® Workstations

• GE Workstations is a registered trademark of GE Healthcare

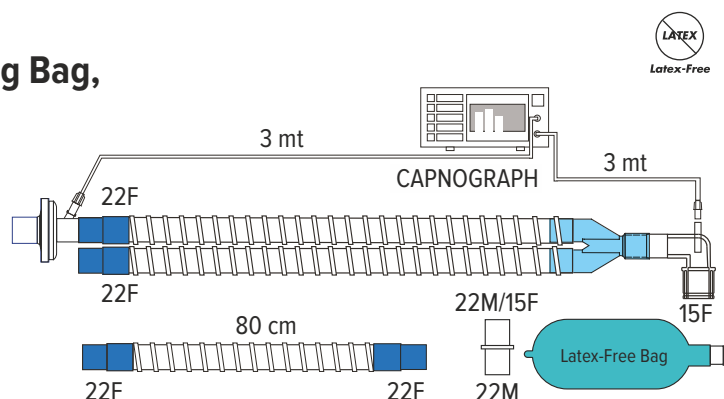


## Double Gas Sampling Line Circuits

- The Circuit has a healthy and cost-effective design
- The circuit decreases the use of anesthetic volatile agent by returning the gas to the system, by doing, it maintains the gas in the system and prevents operating people from inhaling volatile gas which is not in the atmosphere thanks to circuit design

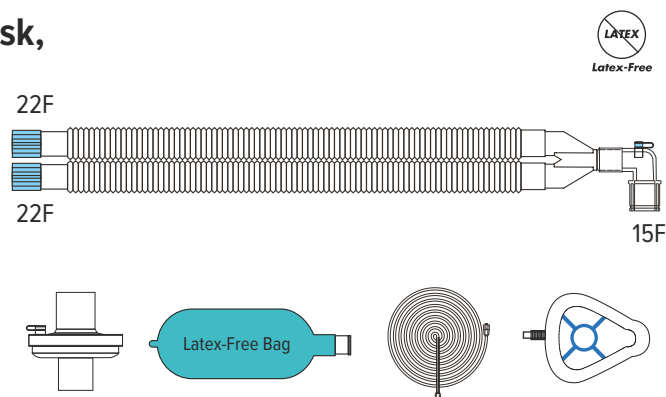
## Anesthesia Circuits with Limb, Latex Breathing Bag, Bacterial-Viral Filter, Gas Sampling Line

Smooth Bore	Length	Code	Qty/Box
Adult	180 cm/~71"	21205124	30
Pediatric	150 cm/~59"	51203124	30



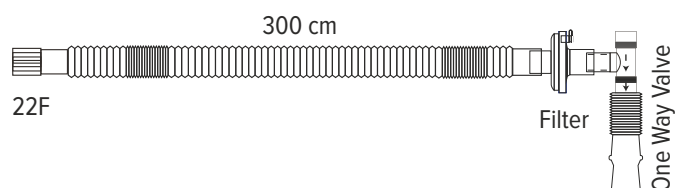
## Anesthesia Circuit Breathing Bag, Anesthesia Mask, Bacterial-Viral/HME Filter, Gas Sampling Line

Corrugated	Length	Code	Qty/Box
Adult	160 cm/~63"	11004154	30
Pediatric	160 cm/~63"	41004154	30



## Nitrous Oxide and Oxygen Delivery Circuit

Extendible	Length	Code	Qty/Box
Adult	300 cm/~118"	30008109	50





### Coaxial Circuits

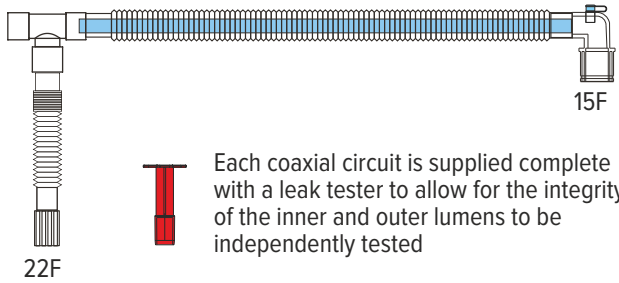
- Simple and qualified functional design of streamlined tubing within a tube
- The design enables elimination of twisting between inspiratory and expiratory limbs
- The circuit offers a better chance of mobility and practical usage
- Inspired gases become warm and humidified when exhaled through expiratory tubing, which result in self-contained and thermally sufficient atmosphere

### Duo-Limb Circuit

- Less weight than two-limb circuits
- Reduced torque on patient's airway
- More versatility when used as a transport circuit
- Kinking resistant, high quality

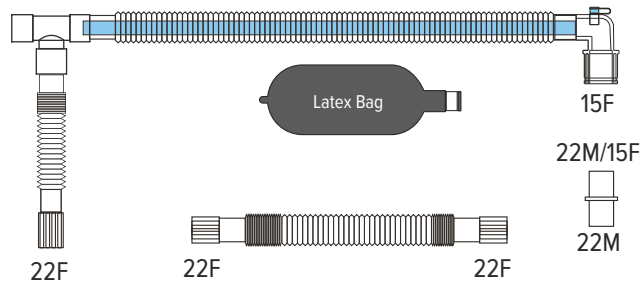
### Standard Coaxial Circuits

Corrugated	Length	Code	Qty/Box
Adult	180 cm/~71"	99005000	40
Pediatric	140 cm/~55"	09009000	40



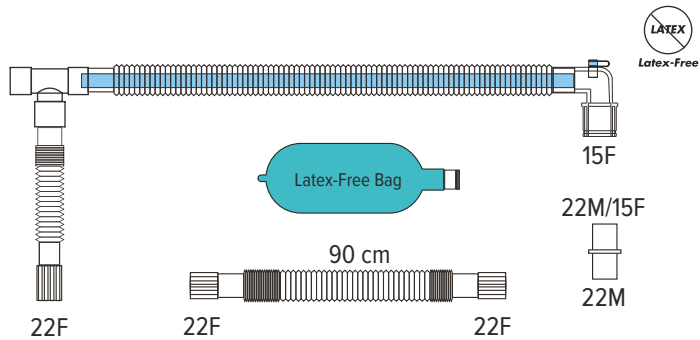
### Coaxial Circuits With Extendible Limb, Latex Breathing Bag

Corrugated	Length	Code	Qty/Box
Adult	180 cm/~71"	99305010	30
Pediatric	140 cm/~55"	09309010	30



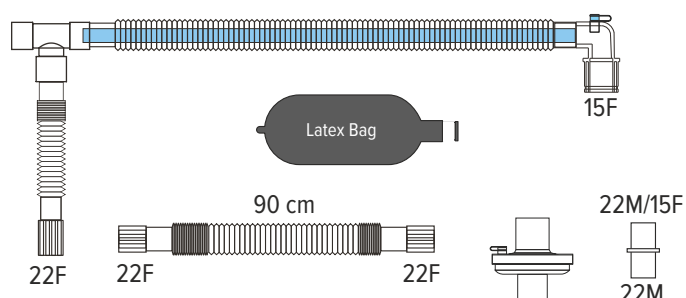
### Coaxial Circuits With Extendible Limb, Latex-Free Breathing Bag

Corrugated	Length	Code	Qty/Box
Adult	180 cm/~71"	99305020	30
Pediatric	140 cm/~55"	09309020	30



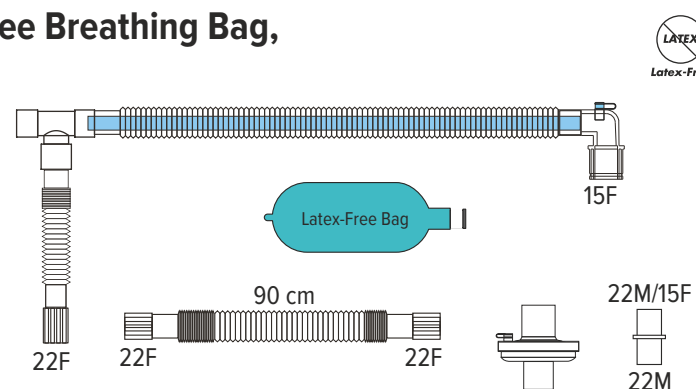
## Coaxial Circuits With Extendible Limb, Latex Breathing Bag, Bacterial-Viral Filter

Corrugated	Length	Code	Qty/Box
Adult	180 cm/~71"	99305110	30
Pediatric	140 cm/~55"	09309110	30



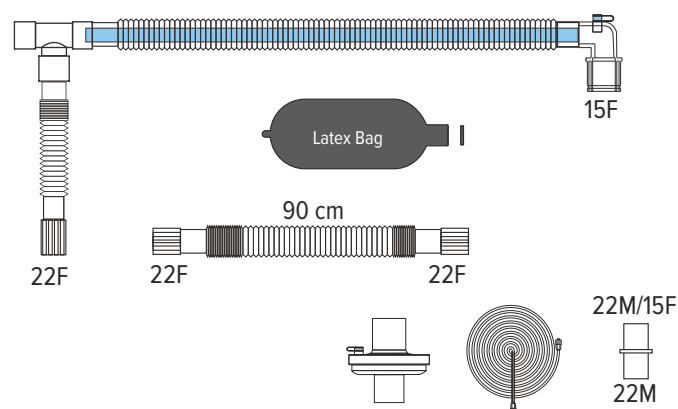
## Coaxial Circuits With Extendible Limb, Latex-Free Breathing Bag, Bacterial-Viral Filter

Corrugated	Length	Code	Qty/Box
Adult	180 cm/~71"	99305120	30
Pediatric	140 cm/~55"	09309120	30



## Coaxial Circuits With Extendible Limb, Latex Breathing Bag, Bacterial-Viral Filter, Gas Sampling Line

Corrugated	Length	Code	Qty/Box
Adult	180 cm/~71"	99305114	30
Pediatric	140 cm/~55"	09309114	30



## Duo-Limb Circuit

Corrugated	Length	Code	Qty/Box
Adult	180 cm/~71"	99105000	40

