



Breathing Circuits



COVIDIEN

CONTENTS

DAR™ History	page	4
Anaesthesia Breathing Circuits	page	8
Intensive Care Systems	page	20
Breathing Systems for portable ventilators (single limb)	page	36
Breathing Tubes	page	44
Catheter Mounts Range	page	50
Connectors	page	56
Accessories	page	70

DAR HISTORY

DAR was founded in 1986 in Mirandola, in the so-called "Italian Biomedical Valley" about 70 km north of Bologna.

In 1987, with its Hygrobac filter, DAR became the first Company in the world to manufacture a device combining a filter membrane and a Heat and Moisture Exchanger.

In 1993 it was acquired by Mallinckrodt Inc., subsequently becoming part of Tyco Healthcare in 2000.



Today DAR offers a full range of filters, filter HMEs, breathing circuits and other respiratory care accessories for operating theatres, recovery rooms, intensive care and the home care environments.

The DAR range of respiratory disposables combines innovation and efficiency with exceptional reliability as the result of excellent design and high standards of quality control.

The control procedures are perfectly consolidated and the personnel assigned to such procedures has acquired a truly unique experience.

DAR quality system procedures involve an extensive series of controls at every stage of production.

Our vast range provides a natural extension to other Tyco Healthcare product lines such as MALLINCKRODT endotracheal tubes, SHILEY™ tracheostomy tubes, Respiflo and AERODYNE™ inspiratory therapy products and Puriran Bennett ventilators, making Tyco Healthcare the complete solution to all your respiratory management requirements.

BREATHING CIRCUITS

DAR breathing circuits offer the widest choice in terms of available materials and configurations to satisfy all anaesthesia, intensive care, CPAP (Continuous Positive Air Pressure), IPPB (Intermittent Positive Pressure Breathing), and neonatology needs.

DAR circuits ensure consistently excellent results as regards the application of the various breathing techniques and can be made to suit specific user requirements.

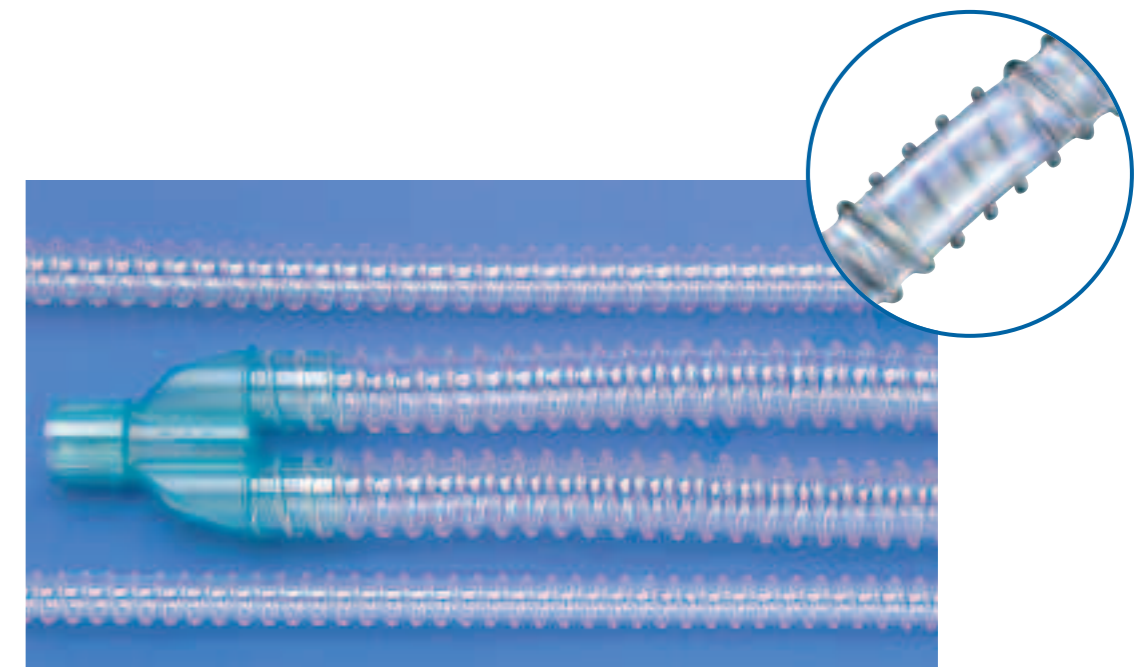
DAR is able to offer many different types of single use systems to meet the different requirements of the medical staff and patients. Some system types are absolute first in the industry and exclusive to DAR, such as the heated-wire circuits with integrated heating element or the TRIPLEX™ anaesthesia circuit.

PVC Breathing circuits

DAR PVC breathing circuits are made of medical-grade material. The tube is reinforced by an external helix, whilst the inner surface is smooth.

This has several advantages:

- The tube is extremely flexible
- The tube is totally crush-proof thereby eliminating any risk of interruption in the ventilation procedure
- The tube diameter is constant whatever the curvature radius of the circuit
- The smooth bore prevents condensation build-up which reduces bacterial growth
- The tube is totally transparent, so the circuit can be constantly monitored
- The tube features soft flexible connectors that ensure a perfect seal



PVC embedded heated wire circuits

Whenever an active humidifier is used, large quantities of condensation in the circuit increases the likelihood of contamination.

Previously this problem has been overcome by fitting the circuit with a heating element consisting of an electrical wire that passes inside the circuit itself. The DAR PVC breathing circuits with integrated heating element employ an innovative and exclusive solution for overcoming the problem. In addition to the advantages offered by PVC systems, these circuits have the heating element embedded in the outer armouring helix of the limb.

This means:

- The limb is uniformly heated, without “cold spots”, preventing condensation build-up inside the circuit, the main cause of circuit contamination
- The electrical insulation achieved by embedding the heating element increases safety, for both operators and patients, and reduces risk associated with overheating.

Circuits are available for most active humidifiers.

Polyethylene Breathing Systems

Lightweight and cost-effective. The system's light weight reduces the risk of trauma to the patient due to the circuit pulling on the patient connections. These circuits are made of corrugated polyethylene. The connectors are directly bonded to the tube to ensure gas tight connections and prevent leakage.

Polypropylene Extendible Breathing Systems

Polypropylene extendible breathing circuits (PP), can extend up to three times their packed length. This means that PP circuits are especially suitable for overcoming storage problems; even circuits of considerable length require very little storage room.

Another feature of the PP tubes is the “memory”; the circuit can be set up in the most convenient way for the operator and due to the memory of this material, the system will maintain the position set for as long as required, minimising strain on the ET tube. PP breathing circuits are available in adult size only.

Hytrex autoclavable tubing

Re-sterilizable DAR Hytrex circuits represent an ideal alternative to re-usable rubber or silicone circuits. They have a smooth bore which prevents any accumulation of condensed water, and an outer armouring helix which provides flexibility and prevents kinking. They also have extremely flexible connectors welded to the tube preventing any risks of disconnections.

Unlike silicone systems, Hytrex circuits are impermeable to gases, transparent and lightweight.

Hytrex circuits can be steam sterilised (autoclaved) at 121-123 °C up to twenty times without deterioration.

TRIPLEX & Duo Breathing Systems

TRIPLEX is a coaxial breathing circuit where inspiratory and CO₂ sampling lines are enclosed in the larger bore expiratory line. The fresh gases passing through the inner tube are warmed by the expired gases passing through the outer tube. A line dedicated to capnography sampling is included in the outer tubing, thus allowing CO₂ sampling without additional tubing. The design permits the elimination of one parallel limb, making the circuit less bulky and easier to handle.

Also available as the Duo (like Triplex without CO₂ sampling line).

The Triplex & Duo circuits can also be used with circle absorbent. Duo & Triplex circuits can be used in ICU, provided that an HME or a Filter/HME is in place at the patient end

MBU: Manual Breathing Unit

Circuit for the manual administration of gases mixtures.

The constant introduction of fresh gases into the mask, according to Jackson Rees principle, reduces the system CO₂.

MBU is equipped with an adjustable valve (APL) and with the relevant connector for the gases output.

APL can also be used during magnetic tests as does not contain any trace of metal.

DAR APL Valve advantages:

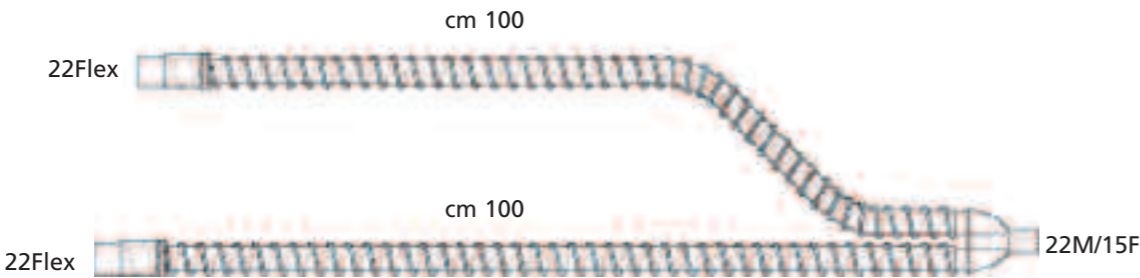
- Our APL valve avoids any potential re-breathing of the outlet gases.
- It grants a constant pressure within the breathing bag.
- Reproducible and reliable performances.
- Over pressure safety release valve

Anaesthesia

Adult

Smoothbore PVC circuits (basic)

300/6081 22 mm Adult PVC anaesthesia circuit, 100 cm, 22Flex-22Flex ventilator connections, parallel Y-Piece without ports with 22M/15F patient connections, sterile.

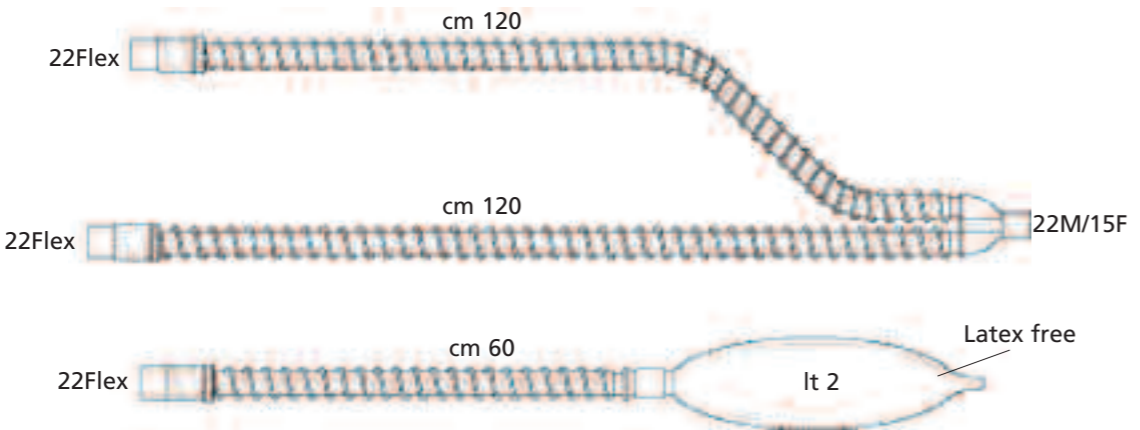


Also available

300/6042	120 cm, parallel Y-piece w/no ports, 22Flex ventilator connections, sterile
300/6043	150 cm, parallel Y-piece w/no ports, 22Flex ventilator connections, sterile
300/6044	180 cm, parallel Y-piece w/no ports, 22Flex ventilator connections, sterile
300/6099	200 cm, parallel Y-piece w/no ports, 22Flex ventilator connections, sterile
300/6484	240 cm, parallel Y-piece w/no ports, 22Flex ventilator connections, sterile
300/6567	260 cm, parallel Y-piece w/no ports, 22Flex ventilator connections, sterile
300/6449	300 cm, parallel Y-piece w/no ports, 22Flex ventilator connections, sterile

Smoothbore PVC circuits (with accessories)

300/6365 22 mm Adult PVC Anaesthesia Circuit, 120 cm, 22Flex-22Flex ventilator connections, parallel Y-Piece without ports 22M/15F patient connections, extra limb 60cm with 22Flex-22M connections, 2 lt latex free breathing bag on extra limb, sterile .



Also available

300/13756	150 cm, 3 lt breathing bag, elbow with Capno port, sterile
300S14269	150 cm, limb 120 cm, 2 lt bag, elbow with Capno port, straight connector 22M-22M/15F, sterile
301S14197	160 cm, limb 80 cm, Y piece with ports and cap, straight connector 22M-22M/19F, sterile
303/6062	160 cm, water trap on expiratory limb, sterile
300/13141	200 cm, limb 60 cm, bag 2 lt, sterile
300/6249	180 cm, limb 40 cm with 22Flex-22M connections, sterile

Single packed.
Box quantity 10 units

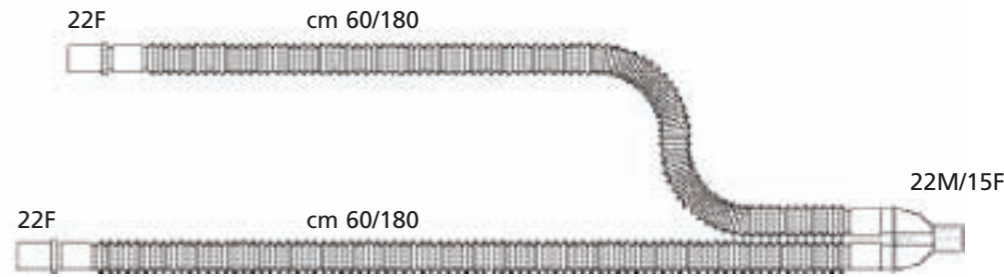
Single packed.
Box quantity 10 units

Anaesthesia

Adult

Extendible PP circuits (basic)

300/13316 22 mm Adult PP extendible anaesthesia circuit, 60/180 cm, 22F-22F ventilator connections, parallel Y-Piece without ports with 22M/15F patient connections, not sterile.

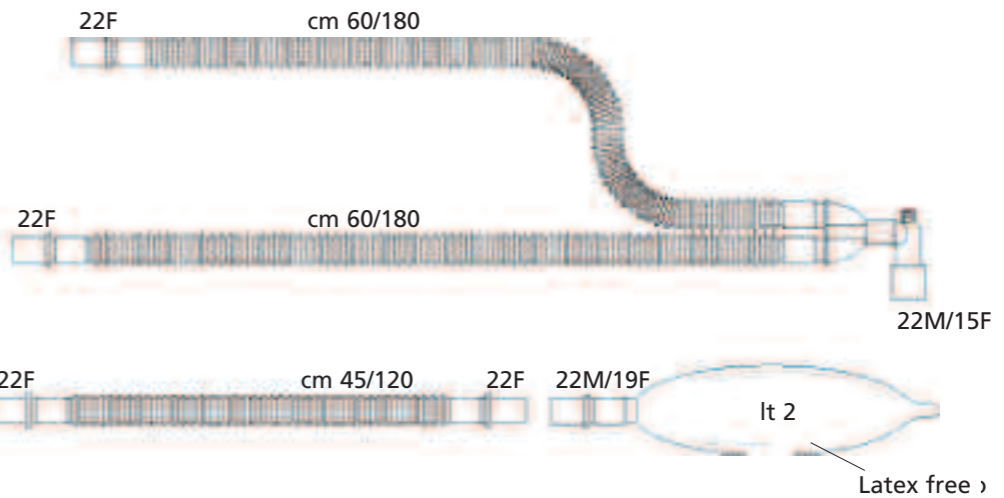


Also available

300P13526	120/350 cm, 22F-22F ventilator connections, not sterile
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Extendible PP circuits (with accessories)

300/13330 22 mm Adult PP anaesthesia circuit, 60/180 cm, 22F-22F ventilator connections, parallel Y-Piece w/no ports with 90° angled elbow and capno port, 45/120 cm extra limb 22F-22F connections, 2 lt latex free bag with 22M/19F connector, not sterile.



Also available

300/13743	60/180 cm, limb 60/180 cm, 22F-22F connections, not sterile
300/13622	60/180 cm, parallel Y-piece w/elbow, 22F-22F connections, 3 lt latex free bag, not sterile

Single packed,
sterile.
Box quantity 10 units

Anaesthesia

Adult

PE Circuit (basic)

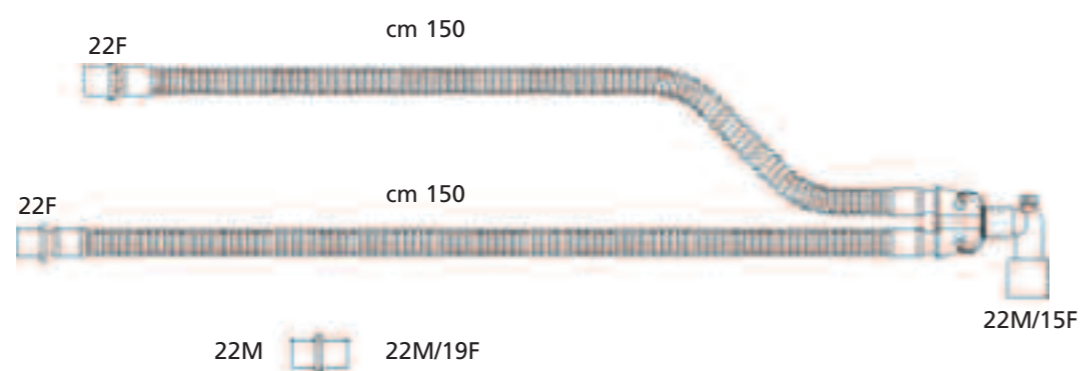
301NP14321 22 mm Adult PE anaesthesia circuit, 150 cm, 22F-22F ventilator connections, parallel Y piece with ports and cap, 22M/15F patient connections, not sterile



Also available

301NP14322	180 cm, 22F connections, Y piece w/ports and cap, not sterile
301NP14323	240 cm, 22F connections, Y piece w/ports and cap, not sterile

301NP14324 22 mm Adult PE anaesthesia circuit, 150 cm, 22F-22F ventilator connections, parallel Y piece w/ports, 90° angled elbow with capno port, 22M/15F patient connections, straight connector 22M-22M/19F, not sterile



Also available

301NP14325	180 cm, 22F connections, Y piece w/ports and elbow, straight connector 22M-22M/19F, not sterile
301NP14326	240 cm, 22F connections, Y piece w/ports and elbow, straight connector 22M-22M/19F, not sterile

Single
packed.
Box
quantity
10 units

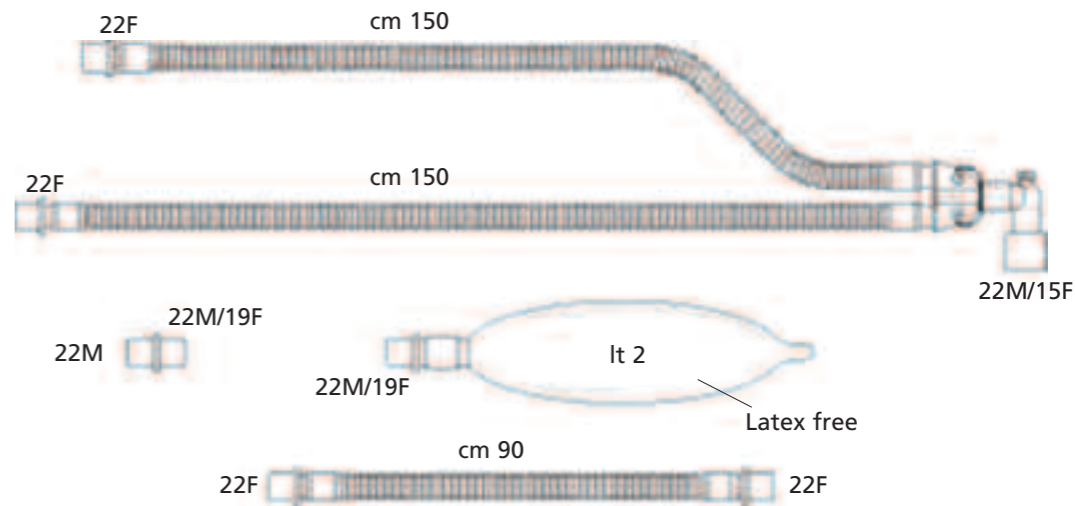
Single
packed.
Box
quantity
10 units

Anaesthesia

Adult

PE Circuit (with accessories)

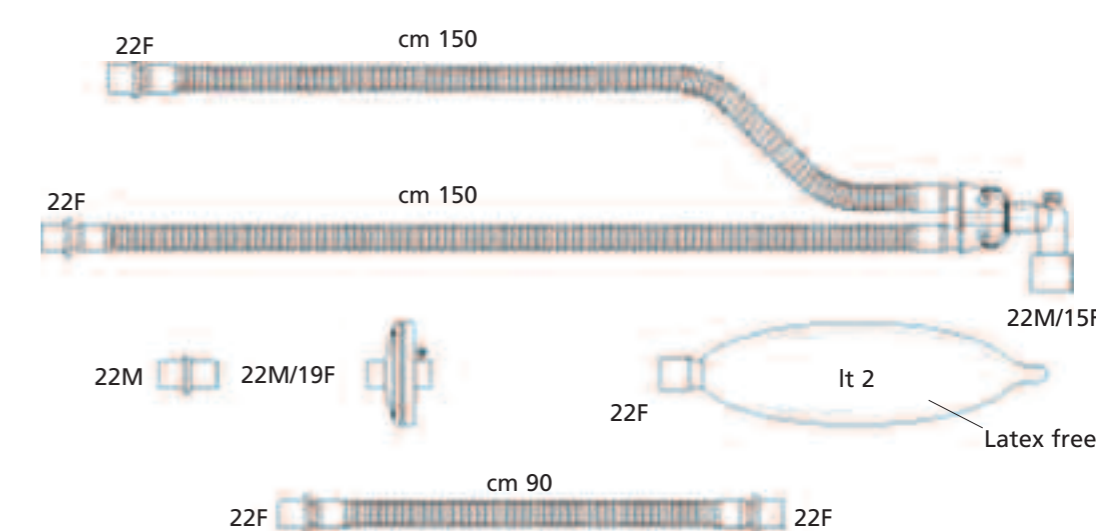
301NP14330 22 mm Adult PE anaesthesia circuit, 150 cm, 22F-22F ventilator connections, parallel Y piece w/ports, 90° angled elbow and capno port, 22M/15F patient connection, straight connector 22M-22M/19F, 2 lt latex free breathing bag, extra limb 90 cm, not sterile



Also available

301NP14331	180 cm, 22F connections, Y piece w/ports and elbow, straight connector 22M-22M/19F, 2 lt latex free breathing bag, limb 90 cm, not sterile
301NP14332	240 cm, 22F connections, Y piece w/ports and elbow, straight connector 22M-22M/19F, 2 lt latex free breathing bag, limb 90 cm, not sterile

301NP14333 22 mm Adult PE anaesthesia circuit, 150 cm, 22F-22F ventilator connections, parallel Y piece w/ports, 90° angled elbow and capno port, 22M/15F patient connection, straight connector 22M-22M/19F, 2 lt latex free breathing bag, extra limb 90 cm, BARRIERBAC S filter, not sterile



Also available

301NP14334	180 cm, 22F connections, Y piece w/ports and elbow, straight connector 22M-22M/19F, 2 lt latex free breathing bag, limb 90 cm, BARRIERBAC S™ filter, not sterile
301NP14335	240 cm, 22F connections, Y piece w/ports and elbow, straight connector 22M-22M/19F, 2 lt latex free breathing bag, limb 90 cm, BARRIERBAC S filter, not sterile

Single
packed.
Box
quantity
10 units

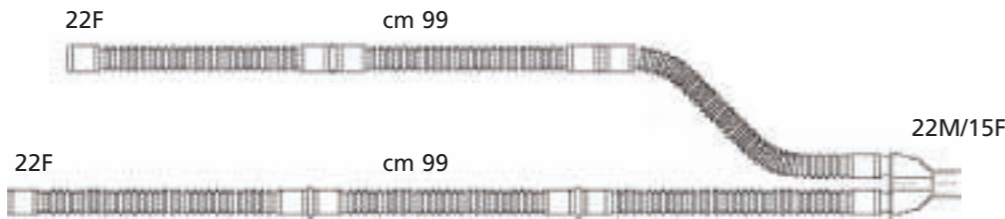
Single
packed,
sterile.
Box
quantity
10 units

Anaesthesia

Adult

PE Circuits (basic)

300/6636 22 mm Adult PE anaesthesia circuit, 99 cm, 22F-22F ventilator connections, parallel Y-Piece without ports, 22M/15F patient connection, sterile

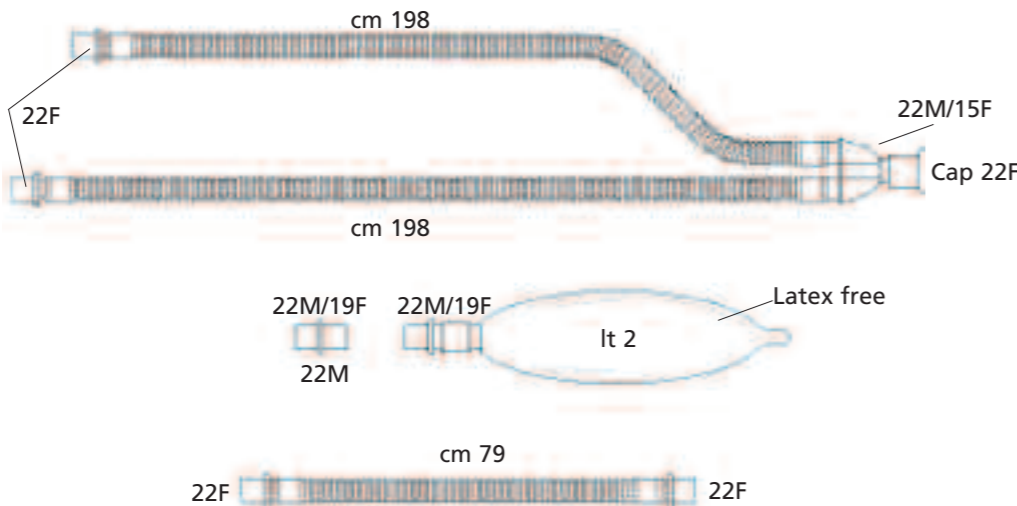


Also available

300/13656	158 cm, 22F connections, 90° angled elbow on Y-piece, not sterile
300/13871	198 cm, 22F connections, cap on Y-piece, straight connector 22M-22M/19F, not sterile
300/13872	264 cm, 22F connections, cap on Y-piece, straight connector 22M-22M/19F, not sterile

Polyethylene PE circuits (with accessories)

300/13873 22 mm Adult PE Anaesthesia Circuit, 198 cm, 22F-22F rigid ventilator connections, parallel Y-Piece w/cap, extra limb 79 cm with 22F-22F connections, straight connector 22M-22M/19F, 2 lt latex free breathing bag, not sterile



Also available

303/6336	132 cm, 22F rigid ventilator connections, water trap on expiratory limb, sterile
301/6651	165 cm, 22F rigid ventilator connections, parallel Y piece with ports and cap, 79 cm extra limb, with 22F-22F connections, two straight connectors 22M-22M/19F, not sterile
300/14030	198 cm, 22F rigid ventilator connections, parallel Y piece with cap, 79 cm extra limb, with 22F-22F connections, two straight connectors 22M-22M/19F, not sterile
300/13903	264 cm, 22F rigid ventilators connections, parallel Y piece with cap, 79 cm extra limb, with 22F-22F rigid connections, straight connector 22M-22M/19F, 2 lt latex free bag, not sterile

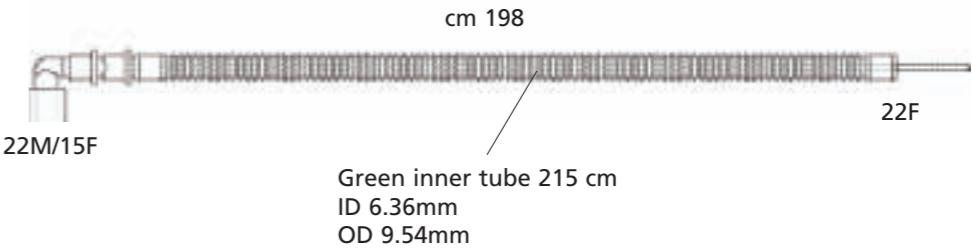
Single packed.
Box quantity 10 units

Anaesthesia

Adult

Mapleson D – BAIN

290P25270 22 mm Adult PE Coaxial Anaesthesia Circuit, 198 cm, 22M/15F patient connection, 22F ventilator connection, 90° angled elbow at patient side, not sterile

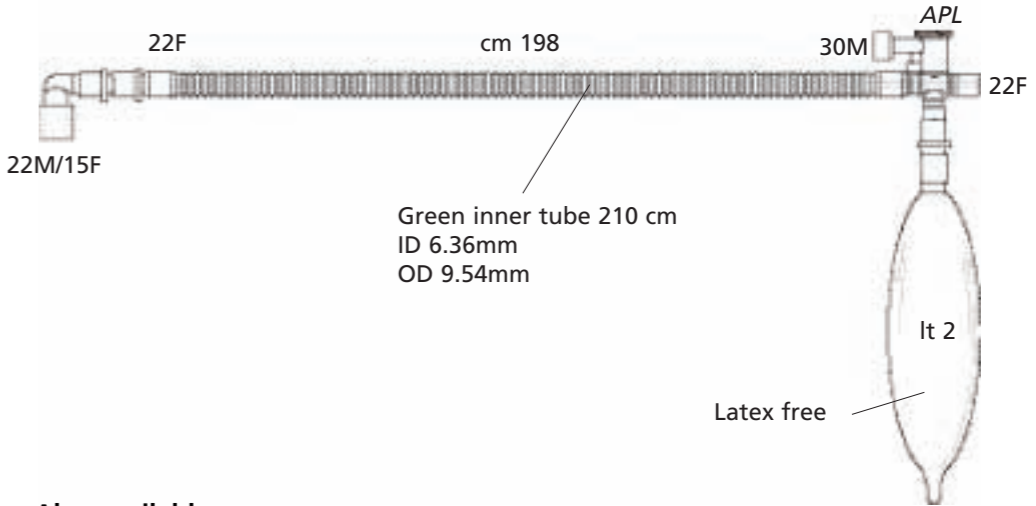


Also available

285/7021	180 cm PVC tube, 22Flex ventilator connection, 22M/15F patient connection, sterile
290P25284	264 cm PE tube, 90° angled elbow at patient side, 22F ventilator connection, 22M/15F patient connection, not sterile

Mapleson D – BAIN

290P25602 22 mm Adult PE Coaxial Anaesthesia Circuit, 198 cm, 90° angled elbow, 22M/15F at patient side, 22F ventilator connection, T piece with APL valve including overpressure limiting valve, 2lt latex free breathing bag on T piece, not sterile



Also available

285/7945	180 cm PVC tube, 22F ventilator connection, 22M/15F patient connection, APL valve w/over pressure limiting valve, 2lt latex free bag, sterile
285P7977	280 cm PVC tube, 22F ventilator connection, 22M/15F patient connection, APL valve w/over pressure limiting valve, 2lt latex free bag, not sterile

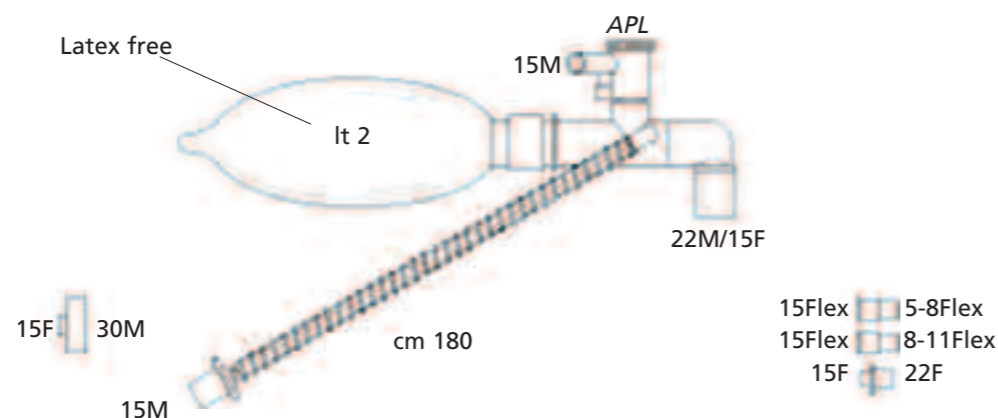
Single packed, sterile.
Box quantity 10 units

Anaesthesia

Adult

Mapleson C – MBU with lateral gas inlet

309/14059	Adult Mapleson C with lateral gas inlet, fresh gas PVC tube 180 cm, 22M/15F angled patient connection, 15M ventilator connection, APL valve with overpressure limiting valve, 15F/30M connector, 2 lt latex free bag, additional connectors set, sterile
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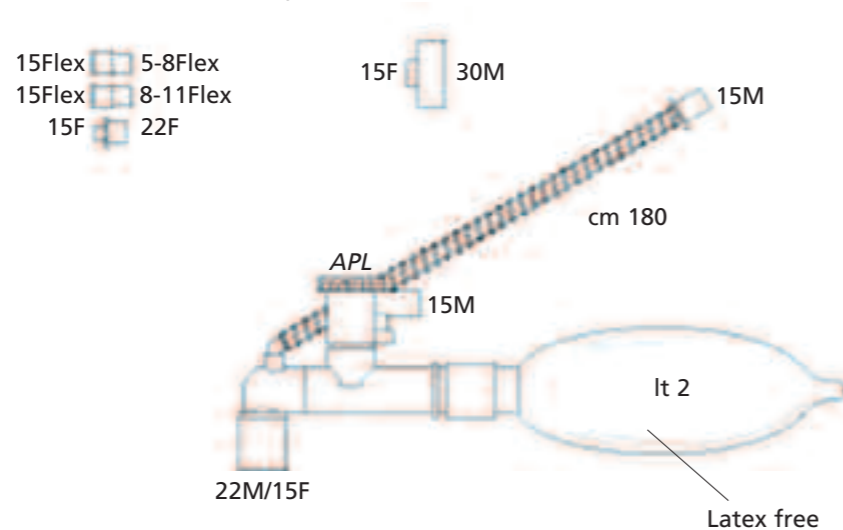


Also available

309/6612	180 cm PVC tube, 22M/15F patient connection, 15M ventilator connection, APL valve, lateral gas inlet, 2lt latex free bag, sterile
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Mapleson C – MBU with vertical gas inlet

309/13552	Adult Mapleson C with vertical gas inlet, fresh gas PVC tube 180 cm, 22M/15F angled patient connection, 15M ventilator connection, APL valve with overpressure limiting valve, 2 lt latex free bag, 15F/30M connector, additional connectors set, sterile
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Also available

309/6310	180 cm PVC tube, 22M/15F patient connection, 15M ventilator connection, APL valve, vertical gas inlet, additional connectors set, 2lt latex free bag, sterile
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Single
packed.
Box
quantity
10 units

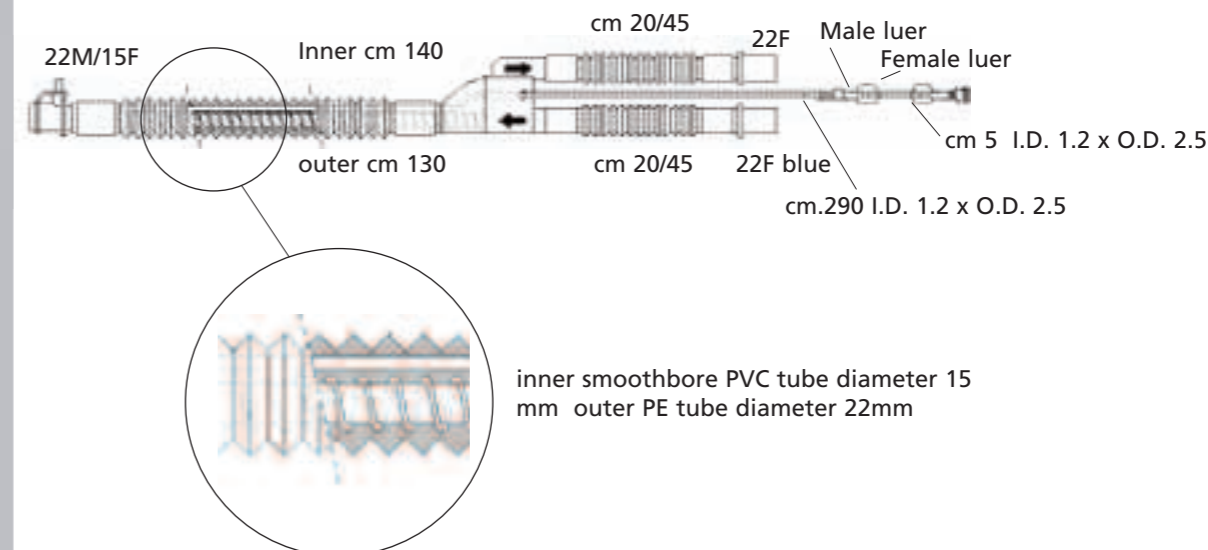
Single
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Box
quantity
10 units

Anaesthesia

Adult

Triplex / DUO

285/25408 Triplex circuit, coaxial tube 130 cm with pressure port, extendible inspiratory and expiratory limbs 20/45 cm, CO₂ line diameter 1.2x2.5 290 cm, 22M/15F patient connection, 22F ventilator connections, sterile



Also available

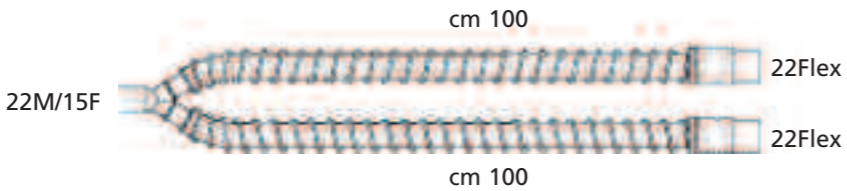
285/25417	200 cm coaxial tube with pressure port, extendible inspiratory and expiratory limbs 20/45 cm, CO2 line diameter 1.2x2.5 360 cm, 22M/15F patient connection, 22F ventilator connections, sterile
285/25446	260 cm coaxial tube with pressure port, extendible inspiratory and expiratory limbs 20/45 cm, CO2 line diameter 1.2x2.5 420 cm, 22M/15F patient connection, 22F ventilator connections, sterile
285S25677	DUO 130 cm coaxial tube with pressure port, extendible inspiratory and expiratory limbs 20/45 cm, no CO2 line, 22M/15F patient connection, 22F ventilator connections, sterile
285/25557	DUO 200 cm coaxial tube with pressure port, extendible inspiratory and expiratory limbs 20/45 cm, no CO2 line, 22M/15F patient connection, 22F ventilator connections, sterile

Single
packed,
sterile.
Box
quantity
10 units

Anaesthesia

Smoothbore PVC circuits (basic)

305/6748 15 mm Paediatric PVC anaesthesia circuit, 100 cm, 22Flex-22Flex ventilator connections, standard Y-Piece without ports with 22M/15F patient connection, sterile



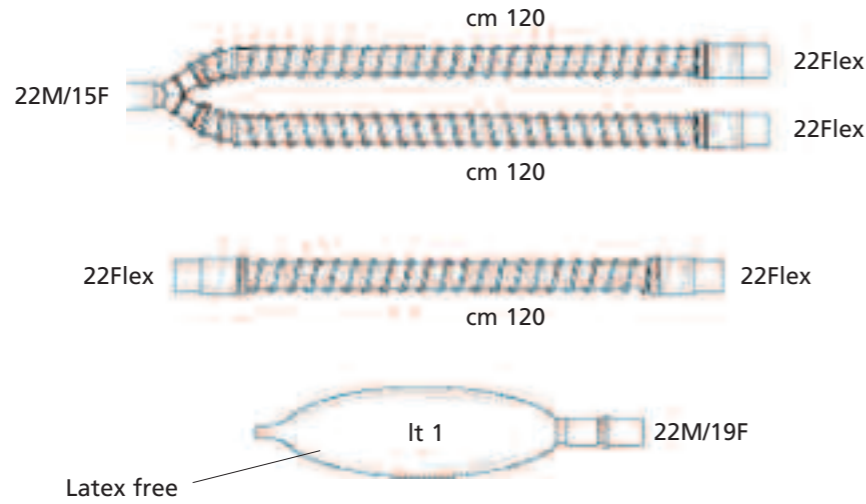
Also available

305/6712	120 cm, sterile
305/6713	150 cm, sterile
305/6714	180 cm, sterile
305/6967	220 cm, sterile
305/6722	300 cm, sterile

Single
packed.
Box
quantity
10 units

Smoothbore PVC circuits (with accessories)

305/8773 15 mm Paediatric PVC Anaesthesia Circuit, 120 cm, 22Flex-22Flex ventilator connections, standard Y-Piece without ports with 22M/15F patient connection, extra limb 120 cm with 22Flex connections, 1 lt latex free breathing bag, sterile

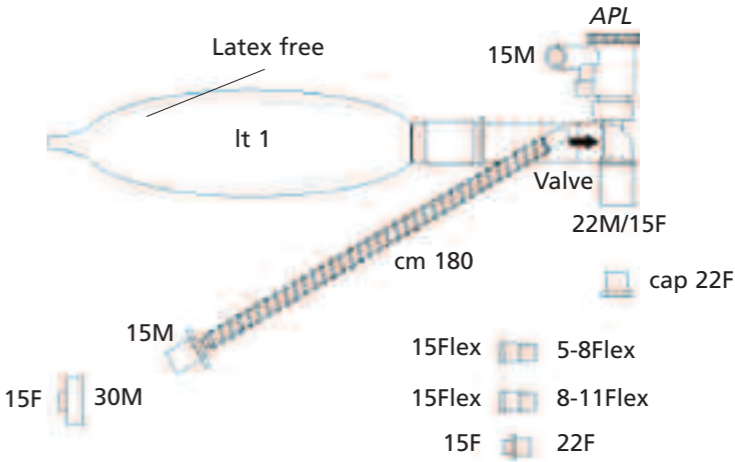


Single
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Box
quantity
10 units

Anaesthesia

Mapleson C – MBU with lateral gas inlet

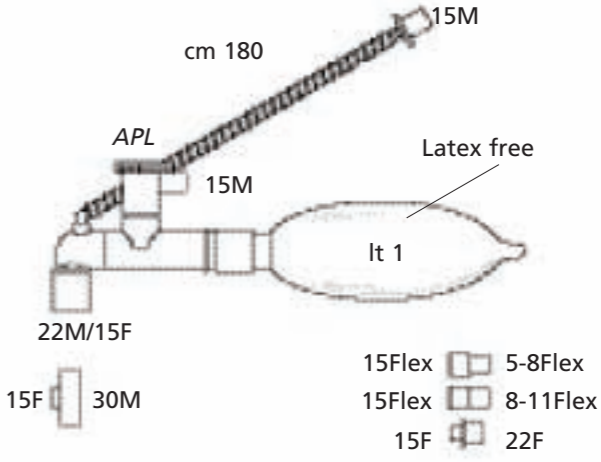
309/6353 Paediatric Mapleson C with lateral gas inlet, fresh gas PVC tube 180 cm, 22M/15F angled patient connection, 15M ventilator connection, APL with overpressure limiting valve, 1 lt latex free bag, additional connectors set, 22F cap, sterile



Single
packed.
Box
quantity
10 units

Mapleson C – MBU with vertical gas inlet

309/6563 Paediatric Mapleson C with vertical gas inlet, fresh gas PVC tube 180 cm, 22M/15F angled patient connection, 15M ventilator connection, APL valve, 1 lt latex free bag, additional connectors set, sterile



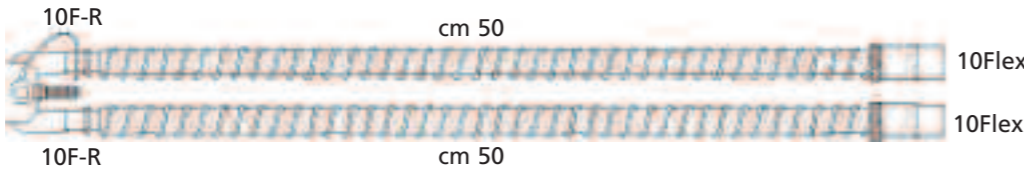
Single
packed,
sterile.
Box
quantity
10 units

Neonatal

Anaesthesia

Smoothbore PVC circuits (basic)

305/8067 10 mm Neonatal PVC anaesthesia circuit, 50 cm, 10Flex-10Flex ventilator connections, neonatal Y-Piece with ports, 15F patient connections, sterile

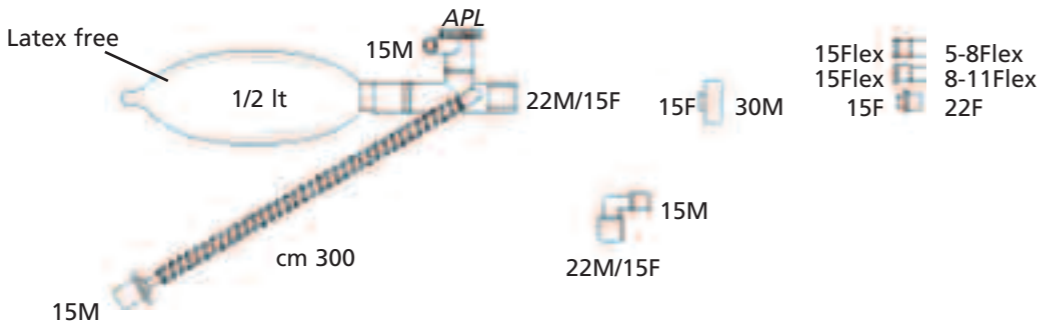


Also available

305/6852	120 cm, 22Flex ventilator connections, sterile
305/8173	150 cm, 22Flex ventilator connections, sterile
305/6745	180 cm, 22 Flex ventilator connections, sterile

Mapleson C – MBU with lateral gas inlet

309/13707 Neonatal Mapleson C with lateral gas inlet, fresh gas PVC tube 300 cm, 22M/15F patient connection, 15M ventilator connection, APL valve, 1/2 lt latex free bag, additional connectors set, 90° angled elbow connector, sterile

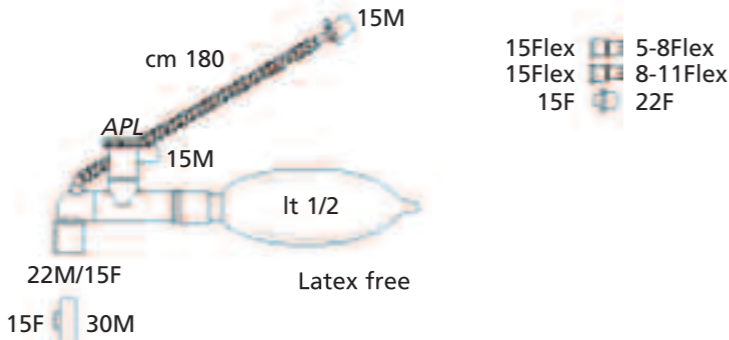


Also available

309/6351	Lateral gas inlet, fresh gas PVC tube 180 cm, 22M/15F angled patient connection, 15M ventilator connection, APL valve with overpressure limiting valve, one way valve to patient, connectors set, 1/2 lt latex free breathing bag, sterile
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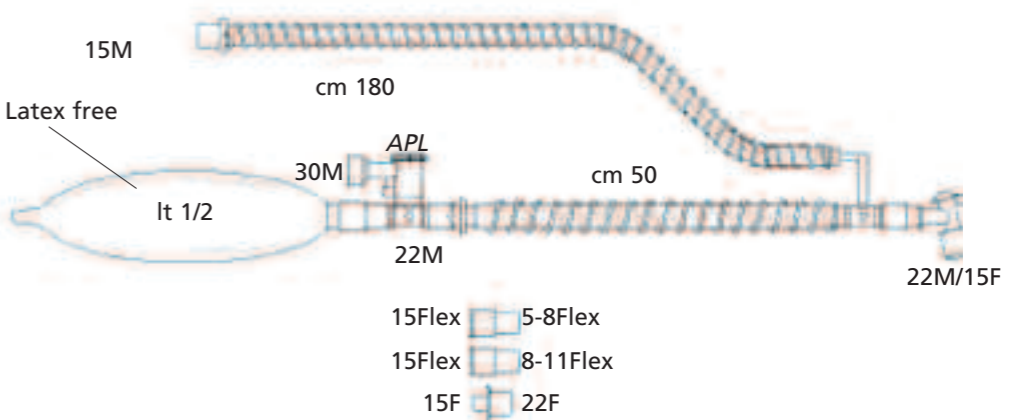
Mapleson C – MBU with vertical gas inlet

309/6355 Neonatal Mapleson C with vertical gas inlet, fresh gas PVC tube 180 cm length, vertical 22M/15F angled patient connection, 15M ventilator connection, APL valve, 1/2 lt latex free bag, 15F/30M connector, additional connectors set, sterile



Mapleson F – T-Piece

286/7660 Neonatal Mapleson D with vertical gas inlet, fresh gas PVC tube 180 cm, 22M/15F angled patient connection, 15M ventilator connection, APL valve with overpressure limiting valve, 1/2 lt latex free bag, additional connectors set, not sterile

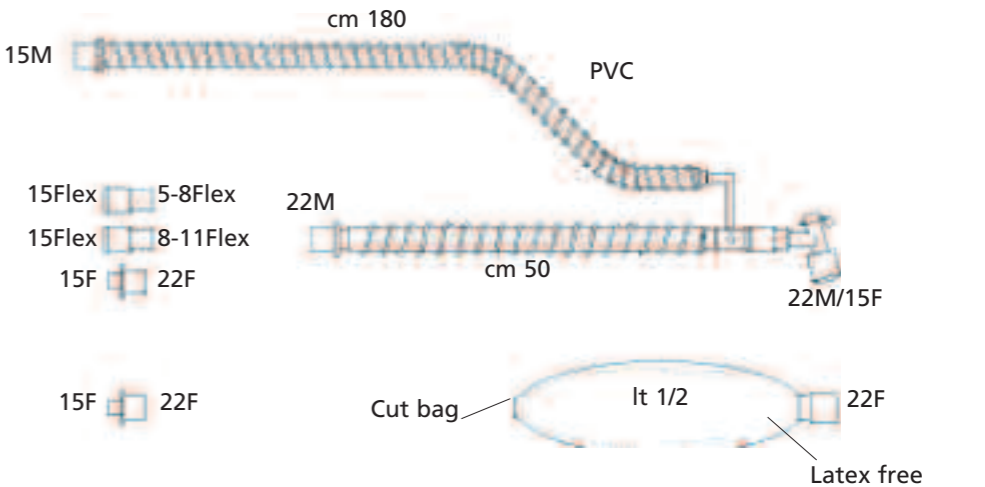


Also available

286/7252	Vertical gas inlet, fresh gas PVC tube 180 cm, 22M/15F angled patient connection, 15M ventilator connection, 1/2 lt open latex free breathing bag, 15F-22F straight connector, not sterile
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Mapleson F – Jackson Rees

286/7814 Neonatal Mapleson F, fresh gas PVC tube 180 cm, tube 50 cm, 22M/15F angled patient connection, 15M ventilator connection, 1/2 lt open latex free bag, additional connectors set, not sterile



Single packed.
Box quantity
10 units

Single packed.
Box quantity
10 units

Single packed.
Box quantity
10 units

Neonatal

Anaesthesia

Single packed.
Box quantity
10 units

Single packed,
sterile.
Box quantity
10 units

Adult

Single
packed.
Box
quantity
10 units

Smoothbore PVC circuits (basic)

301/6326 22 mm Adult PVC ICU circuit, 150 cm, parallel Y-Piece with ports with 22M/15F patient connections, 22Flex-22Flex ventilator connections, sterile

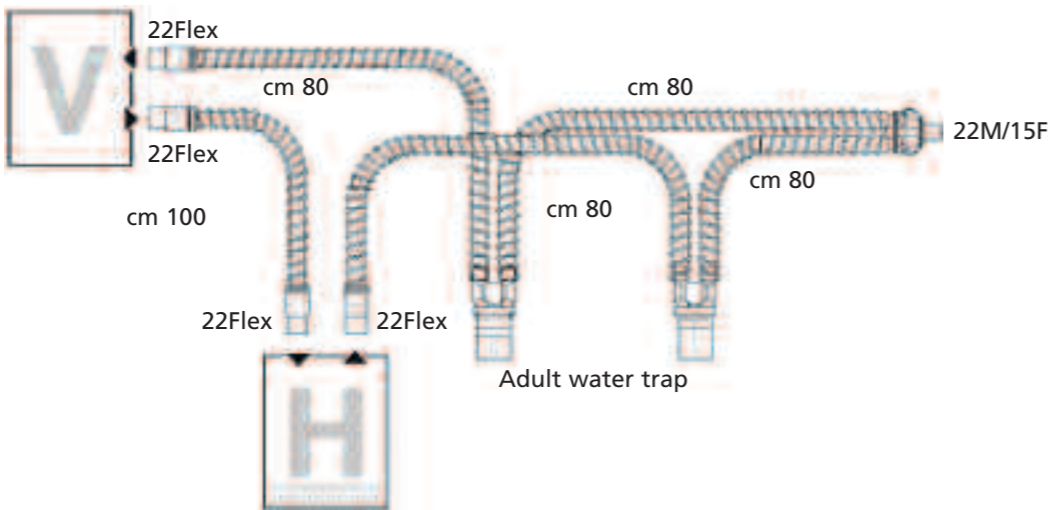


Also available

300/6591	150 cm, detachable parallel Y-piece with ports for Dräger ventilator, 22 Flex ventilator connections, sterile
301/6378	150 cm, detachable parallel Y-piece with ports, 22 Flex ventilator connections, sterile
301/6130	180 cm, parallel Y-piece with ports, 22F cap on Y piece, 22 Flex ventilator connections, sterile
301/14105	180 cm, detachable parallel Y-piece with ports, 22 Flex ventilator connections, sterile

Smoothbore PVC circuits (with accessories)

304/13686 22 mm Adult PVC ICU circuit, parallel Y-Piece with ports, 22M/15F patient connections, inspiratory line 160 cm with adult water trap, expiratory line 160 cm with adult water trap, 22Flex-22Flex ventilator connections, extra limb 100 cm with 22Flex-22Flex connections, sterile



Also available

304/13693	160 cm with adult water traps on inspiratory and expiratory line, detachable Y piece with ports, 22M/15F patient connections, 22 Flex ventilator connections, extra limb 60 cm with 22Flex-22Flex connections, sterile
304/13493	160 cm with adult water traps on inspiratory and expiratory line, Y piece with ports for Dräger ventilator, 22M/15F patient connections, 22 Flex ventilator connections, extra limb 30 cm with 22Flex-22Flex connections, sterile
304/6300	160 cm with adult water traps on inspiratory and expiratory line, Y piece with ports, 22M/15F patient connections, thermo insulated inspiratory limb, 22 Flex ventilator connections, extra limb 40 cm with 22Flex-22Flex connections, sterile
304/6085	160 cm with adult water traps on inspiratory and expiratory line, Y piece with ports, 22M/15F patient connections, thermo insulated inspiratory limb, 22 Flex ventilator connections, extra limb 60 cm with 22Flex-22Flex connections, sterile

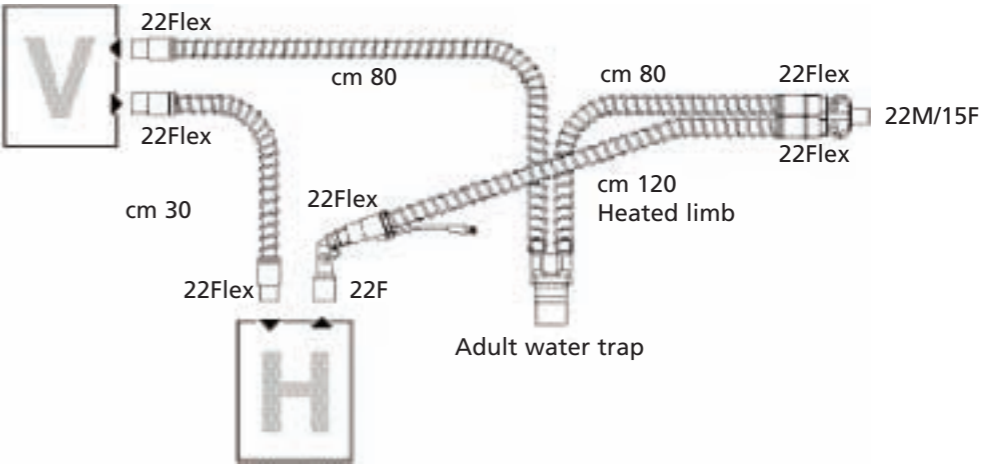
Single
packed.
Box
quantity
10 units

Adult

Single
packed.
Box
quantity
10 units

Single Embedded Heated wire smoothbore PVC circuits for F&P MR730 series, Bear, Hudson humidifiers

304/13031 22 mm Adult PVC ICU circuit, detachable parallel Y-Piece with ports, 22M/15F patient connections, inspiratory heated line 120 cm, expiratory line 160 cm with adult water trap, 22F-22Flex ventilator connections, extra limb 30 cm with 22Flex-22Flex connections, sterile

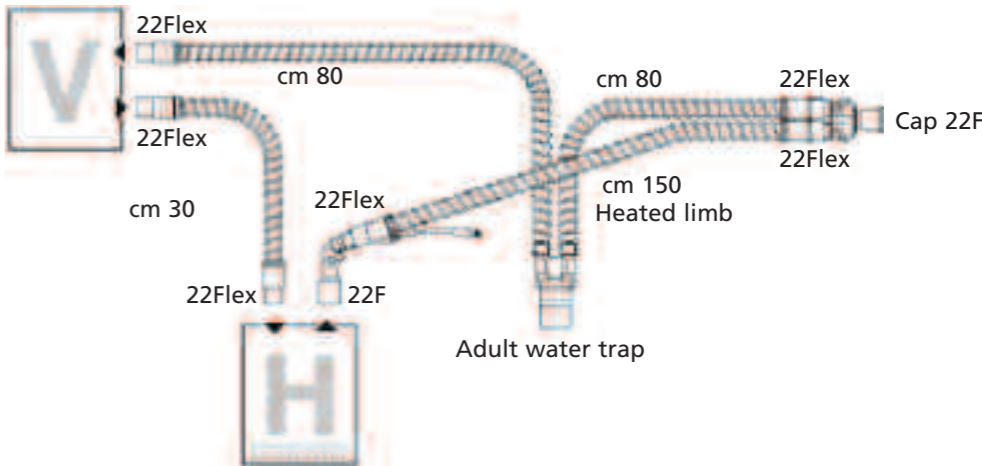


Also available

304/13358	Inspiratory heated line 150 cm, expiratory line 160 cm with water trap, Y piece with ports, 22 F cap on Y piece, extra limb 30 cm, sterile
304/13421	Inspiratory heated line 120 cm, expiratory line 160 cm with water trap, Y piece with ports, extra limb 60 cm, sterile
285/25258	Single limb system, inspiratory heated line 120 cm, expiratory line 70 cm with T adapter, catheter mount 10 cm with 90° angled elbow and capno port, straight connector 22M/19F-22M, not sterile

Single Embedded Heated wire smoothbore PVC circuits for F&P MR850 humidifier

304S14291 22 mm Adult PVC ICU Circuit, detachable parallel Y-piece with ports and 22F cap, 22M/15F patient connection, inspiratory heated line 150 cm, expiratory line 160 cm with adult water trap, 22F-22Flex ventilator connections, extra limb 30 cm with 22Flex-22Flex connections, sterile



Also available

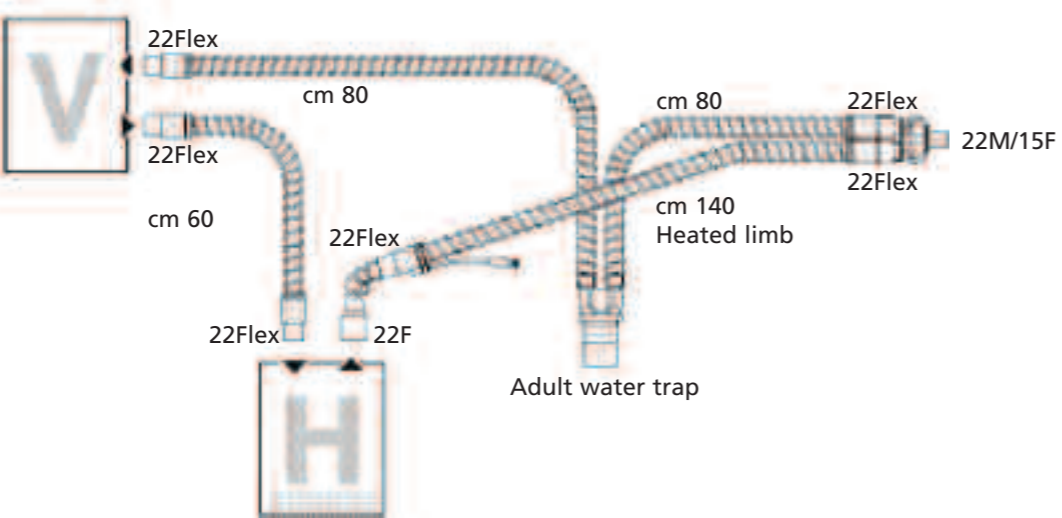
304S14292	Inspiratory heated line 120 cm, expiratory line 160 cm with water trap, Y piece with ports and cap, extra limb 30 cm, sterile
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Single
packed,
sterile.
Box
quantity
10 units

Adult

Single Embedded Heated wire smoothbore PVC circuits for KENDALL AERODYNE 2000 humidifier

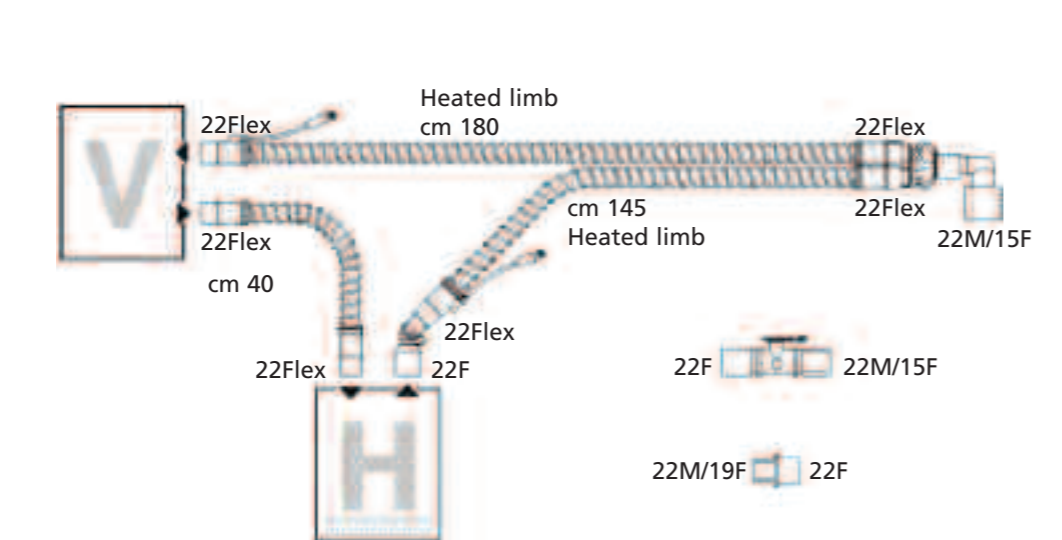
304S14262 22 mm Adult PVC ICU Circuit, detachable parallel Y-piece with ports, 22M/15F patient connections, inspiratory heated line 140 cm with embedded heated wire, expiratory line 160 cm with adult water trap, 22F-22Flex ventilator connections, extra limb 60 cm with 22Flex-22Flex connections, sterile



Single packed. Box quantity 10 units

Dual Embedded Heated wire smoothbore PVC circuit for F&P MR730 series, Bear, Hudson humidifiers

304S14299 22 mm Adult PVC ICU Circuit, detachable parallel Y-Piece with ports, 22M/15F patient connections, 90° angled elbow connector on Y-piece, inspiratory heated line 145 cm, expiratory heated line 180 cm, 22F-22Flex ventilator connections, extra limb 40 cm with 22Flex-22Flex connections, straight connector 22M/19F-22F, straight connector with MDI port, sterile

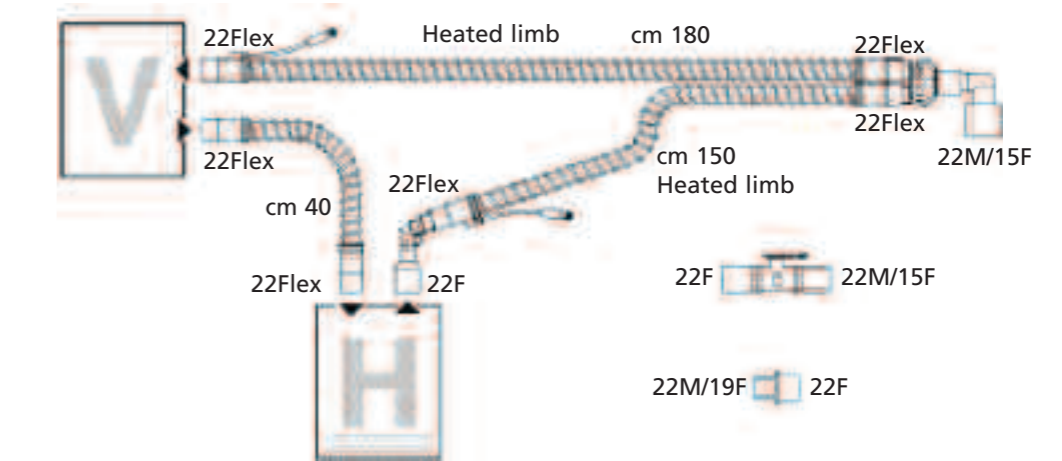


Single packed. Box quantity 10 units

Adult

Dual Embedded Heated wire smoothbore PVC circuit for F&P MR850 humidifier

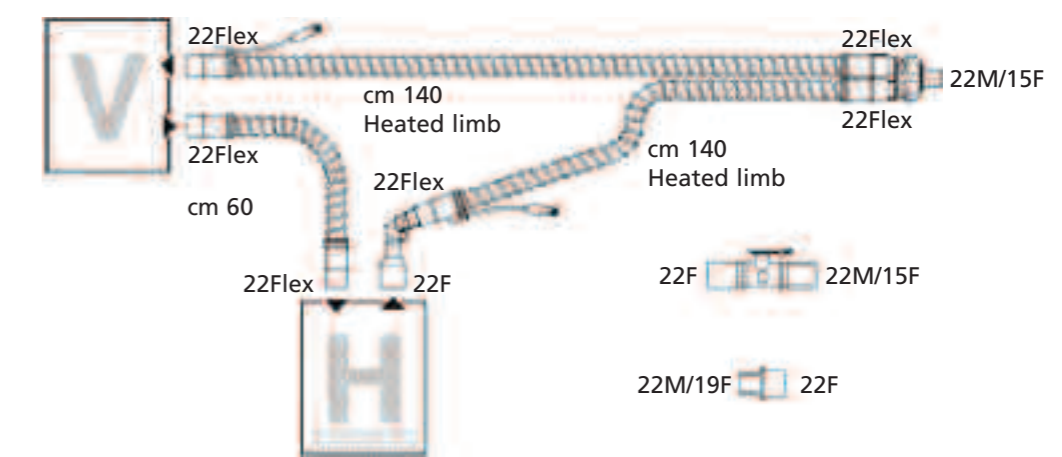
304S14300 22 mm Adult PVC ICU Circuit, detachable parallel Y-Piece with ports 22M/15F patient connections, 90° angled elbow connector on Y-piece, inspiratory heated line 150 cm, expiratory heated line 180 cm, 22F-22Flex ventilator connections, extra limb 40 cm with 22Flex-22Flex connections, straight connector 22M/19F-22F, straight connector with MDI port, sterile



Single packed. Box quantity 10 units

Dual Embedded Heated wire Adult smoothbore PVC circuit KENDALL AERODYNE 2000 humidifier

304S14263 22 mm Adult PVC ICU Circuit, detachable parallel Y-Piece with ports, 22M/15F patient connections, inspiratory heated line 140 cm length, expiratory heated line 140 cm, 22F-22Flex ventilator connections, extra limb 60 cm with 22Flex-22Flex connections, sterile



Single packed, sterile. Box quantity 10 units

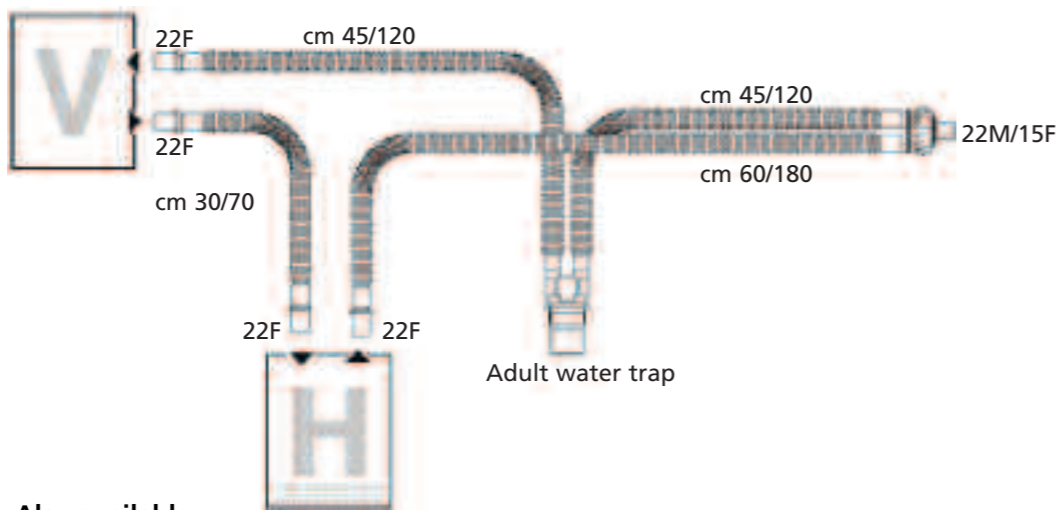
Adapter Cables for heated wire circuits

111/1128	Adapter cable for heated wire circuit to be used with humidifier type Bear
111/1129	Adapter cable for heated wire circuit for connection to F&P 900MR adapter cable
111/1130	Adapter cable for heated wire circuit to be used with humidifier type KENDALL
111/1131	Adapter cable for heated wire circuit to be used with humidifier type Hudson
111/1133	Adapter cable for dual heated wire circuit to be used with humidifier type KENDALL - expiratory line -
111/1146	Adapter cable for heated wire circuit to be used with active humidifier model F&P MR850
111/1147	Adapter cable for heated wire circuit to be used with active humidifier model F&P MR730
111/1148	"Y" shaped adapter cable to be used on dual heated wire circuit for humidifier model F&P MR 730
111/1149	"Y" shaped adapter cable to be used on dual heated wire circuit for humidifier model F&P MR 850

Adult

Extendible PP Breathing Circuits

303/13609 22 mm Adult PP ICU circuit, Y-piece with ports, 22M/15F patient connections, inspiratory line 60/180 cm, expiratory line 45/120 cm – adult water trap – 45/120 cm, 22F-22F ventilator connections, extra limb 30/70 cm, 22F-22F connections, not sterile

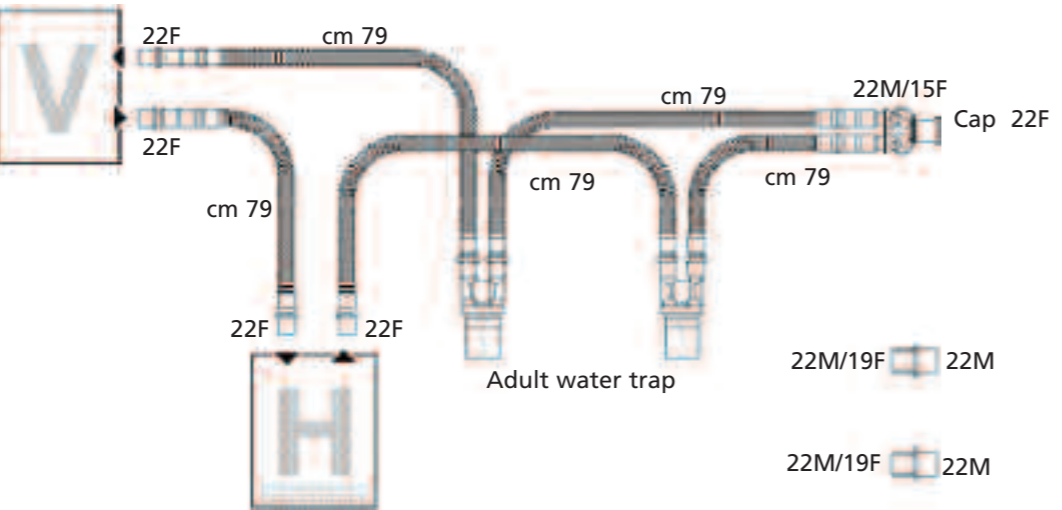


Also available

304/13320	Y piece with ports, inspiratory line 30/70 cm – water trap – 30/70 cm expiratory line 30/70 cm – water trap – 30/70 cm, extra limb 30/70 cm, 22F-22F connections, not sterile
304/13331	Y piece with ports for Dräger, inspiratory line 30/70 cm – water trap – 30/70 cm, expiratory line 30/70 cm – water trap – 30/70 cm, extra limb 30/70 cm, 22F-22F connections, not sterile

PE Breathing Circuits

304/13565 22 mm Adult PE ICU circuit, Y-piece with ports and cap, 22M/15F patient connections, inspiratory line 158 cm with adult water trap, expiratory line 158cm with adult water trap, 22F-22F ventilator connections, extra limb 79 cm, 22F-22F connections, two straight connectors 22M-22M/19F, not sterile



Also available

304/13874	Y piece with ports and cap, inspiratory line 198 cm, expiratory line 198 cm with water trap, extra limb 79 cm, 22F-22F connections, two straight connectors 22M-22M/19F, not sterile
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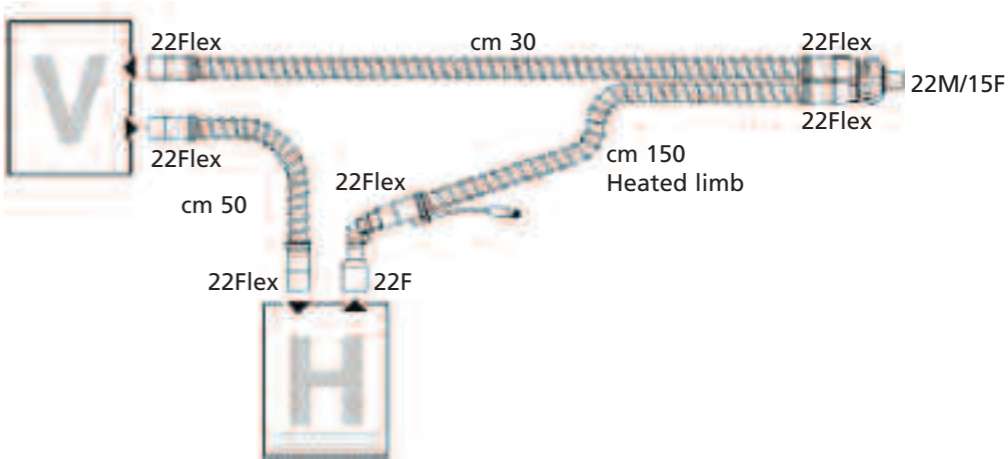
Single
packed.
Box
quantity
10 units

Single
packed.
Box
quantity
10 units

Adult CPAP

PVC Breathing Circuit

304S14206 22 mm Adult PVC CPAP circuit, detachable Y-piece with ports, 22M/15F patient connections, inspiratory heated line 150 cm, expiratory line 30 cm, 22F-22Flex ventilator connections, extra limb 50 cm, sterile



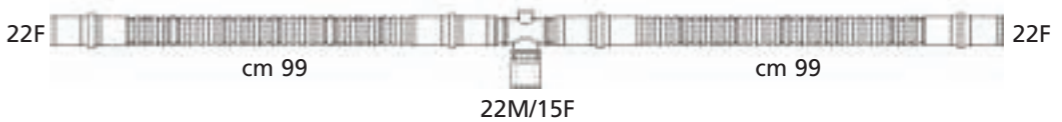
Also available

285S25695	CPAP system, heated line 140 cm, T-piece, limb 30 cm on T-piece ending 22F, extra limb 60 cm with 22Flex-22Flex connections, sterile
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Single
packed.
Box
quantity
10 units

PE Breathing Circuit

290/25186 22 mm Adult PE CPAP circuit, 198 cm with T-piece, 22F-22F ventilator connections, not sterile

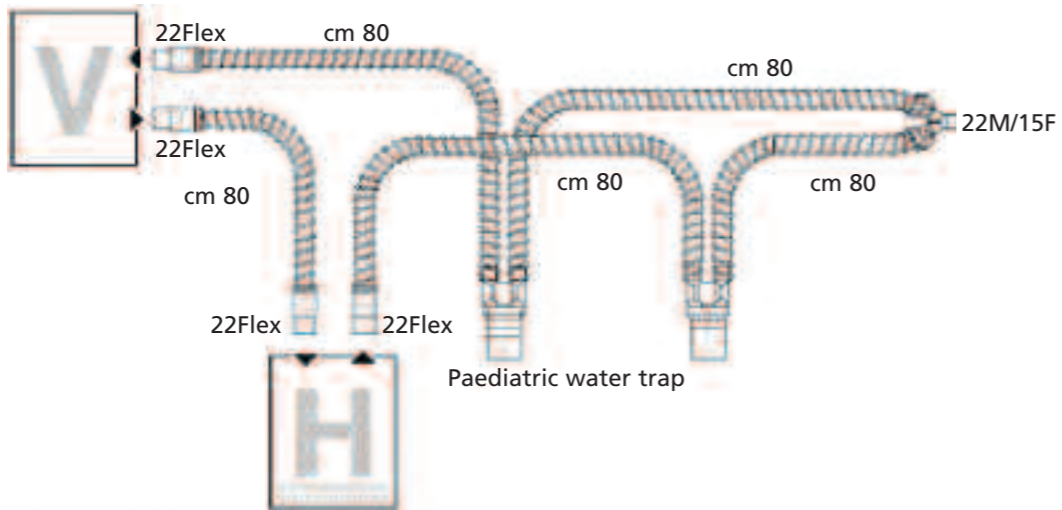


Single
packed.
Box
quantity
10 units

Paediatric

Smoothbore PVC circuits (basic)

306/8787 15 mm Paediatric PVC ICU circuit, standard Y-Piece with ports, 22M/15F patient connections, 160 cm with paediatric water trap, 22Flex-22Flex ventilator connections, extra limb 80cm , 22Flex-22Flex connections, sterile

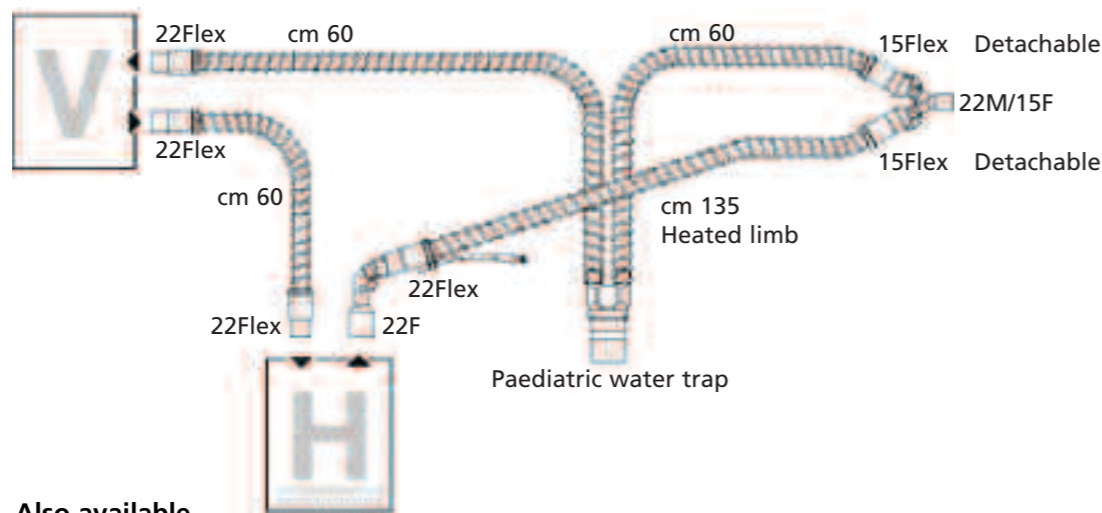


Also available

306/8723	180 cm, standard Y piece with ports, 22M/15F patient connections, 22Flex-22Flex ventilator connections, sterile
306/6705	standard Y piece with ports, 120 cm inspiratory line, 120 cm expiratory line with paediatric water trap, 22M/15F patient connections, 22Flex-22Flex ventilator connections, sterile

Single Embedded Heated wire smoothbore PVC circuits for F&P MR730 humidifier

306/6843 15 mm Paediatric PVC ICU Circuit, detachable standard Y-Piece with ports, 22M/15F patient connections, inspiratory line 135 cm with embedded heated wire, expiratory line 120 cm with paediatric water trap, 22F-22Flex ventilator connections, extra limb 60 cm with 22Flex-22Flex connections, sterile



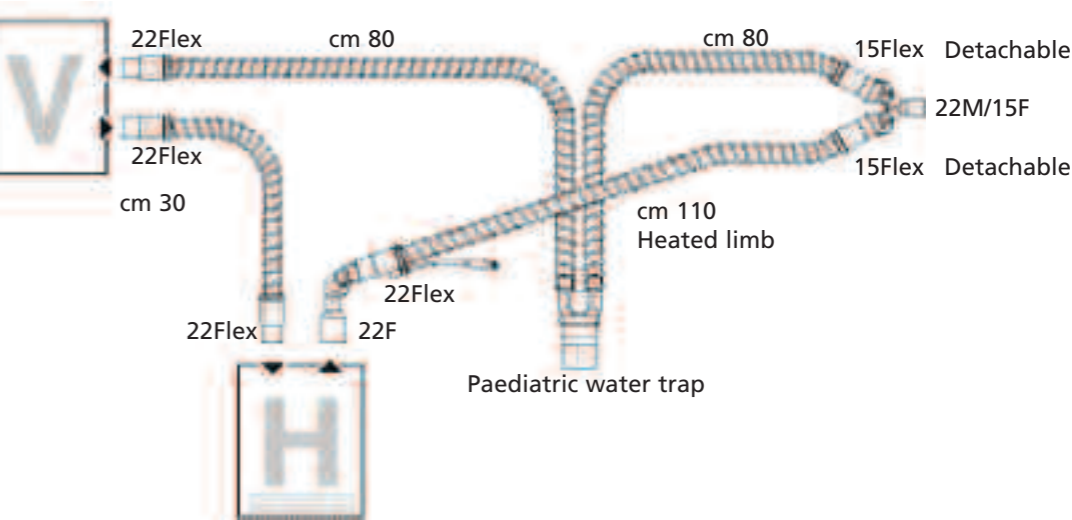
Also available

306/8526	standard Y piece with ports, 22M/15F patient connections, inspiratory heated line 135 cm, expiratory line 160 cm with paediatric water trap, 22F-22Flex ventilator connections, extra limb 30 cm with 22Flex-22Flex connections, two connectors 22M/19F-22M and two connectors 22M/15M loose in the envelope, sterile
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Paediatric

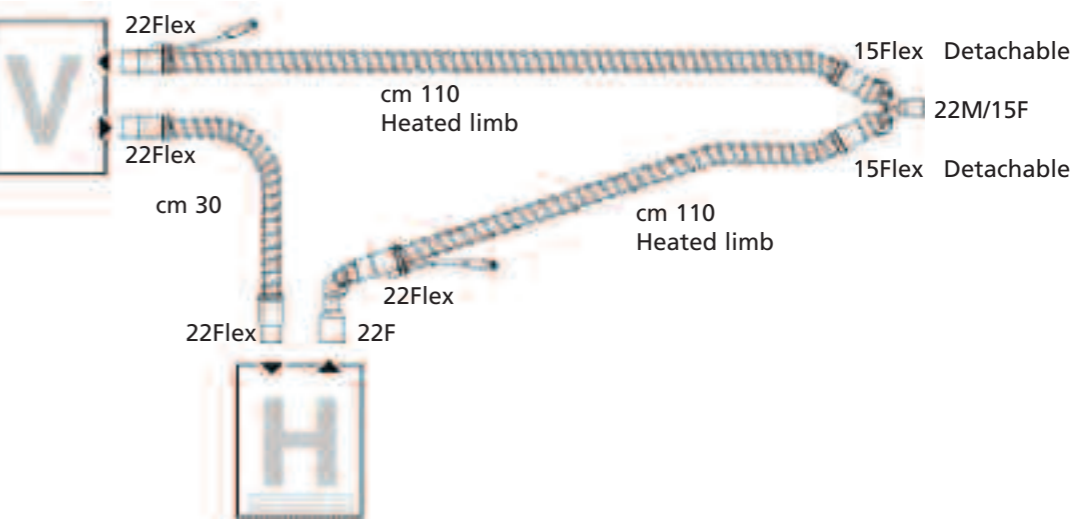
Single Embedded Heated wire smoothbore PVC circuits for KENDALL AERODYNE 2000 humidifier

306S8936 15 mm Paediatric PVC ICU Circuit, detachable standard Y-Piece with ports, 22M/15F patient connections, inspiratory line 110 cm with embedded heated wire, expiratory line 160 cm with paediatric water trap, 22F-22Flex ventilator connections, extra limb 30 cm with 22Flex-22Flex connections, sterile



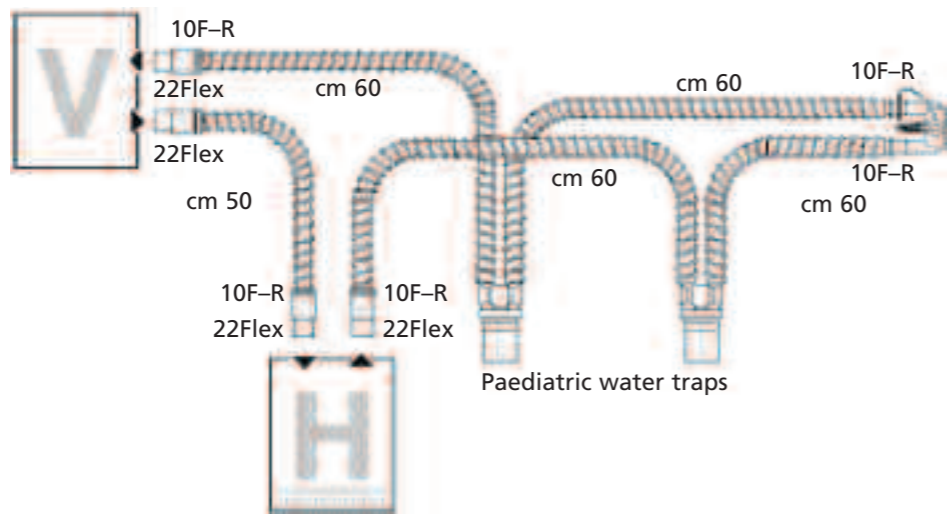
Dual Embedded Heated wire smoothbore PVC circuits KENDALL AERODYNE 2000 humidifier

306S8937 15 mm Paediatric PVC ICU Circuit, detachable standard Y-Piece with ports, 22M/15F patient connections, inspiratory line 110 cm with embedded heated wire, expiratory line 110 cm with embedded heated wire, 22F-22Flex ventilator connections, extra limb 30 cm with 22Flex-22Flex connections, sterile



Smoothbore PVC circuits (basic)

307/6981 10 mm Neonatal PVC ICU circuit, neonatal Y piece with ports, 15F patient connection, inspiratory line 120 cm with paediatric water trap, expiratory line 120 cm with paediatric water trap, 22Flex-22Flex ventilator connections, extra limb 50 cm, 22Flex-22Flex connections, sterile

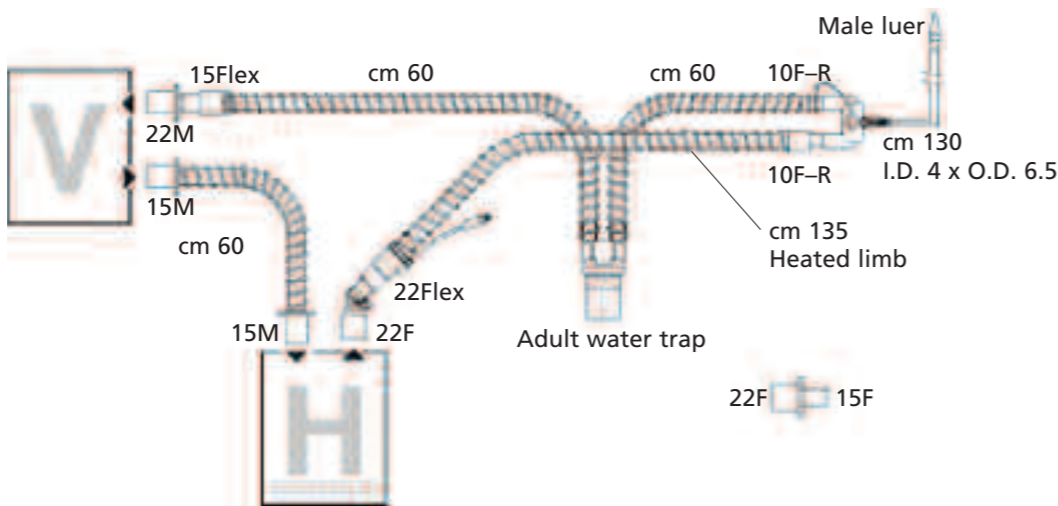


Also available

305/8248 for Babylog 8000	no Y piece, 11Flex-11Flex patient connections, inspiratory line 120 cm, expiratory line 140 cm with paediatric water trap, 11Flex-15M ventilator connections, extra limb 40 cm with straight connector with temperature port diameter 7mm for Dräger probe, 15M-11Flex connections, sterile
286/25457 for Babylog 8000	no Y piece, 15M-11Flex patient connections, low compliance inspiratory line 40 cm with straight connector with temperature port diameter 7mm for Dräger probe, low compliance expiratory line 100 cm with paediatric water trap, 11Flex-11Flex ventilator connections, low compliance extra limb 40 cm, 15M-11Flex connections, sterile

Single Embedded Heated wire smoothbore PVC circuits for F&P MR730 Humidifier

307/8191 10 mm Neonatal PVC ICU Circuit, neonatal Y -Piece with ports and pressure line diameter 4x6.5 130 cm, 15F patient connections, inspiratory line 135 cm with embedded heated wire, expiratory line 120 cm with adult water trap, 22F-22M ventilator connections, extra limb 60 cm with 15M-15M connections, sterile



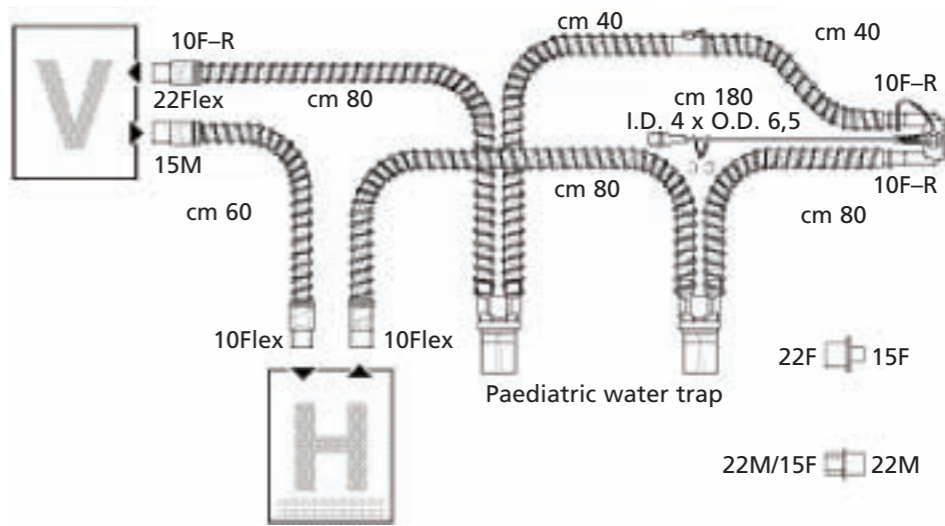
Single packed.
Box quantity 10 units

Single packed.
Box quantity 10 units

Neonatal

Smoothbore PVC circuits

307/8445 for Bourns, bear Cub 2000 10 mm Neonatal PVC ICU circuit, neonatal Y piece with ports and pressure line diameter 4x6.5 180 cm, 15F patient connection, inspiratory line 160 cm with paediatric water trap and straight connector with temperature port 40 cm from the Y piece, expiratory line 160 cm with paediatric water trap, 22Flex-10flex ventilator connections, extra limb 60 cm, 15M-10Flex connections, straight connector 15F-22F, straight connector 22M-22M/15F, sterile



Also available

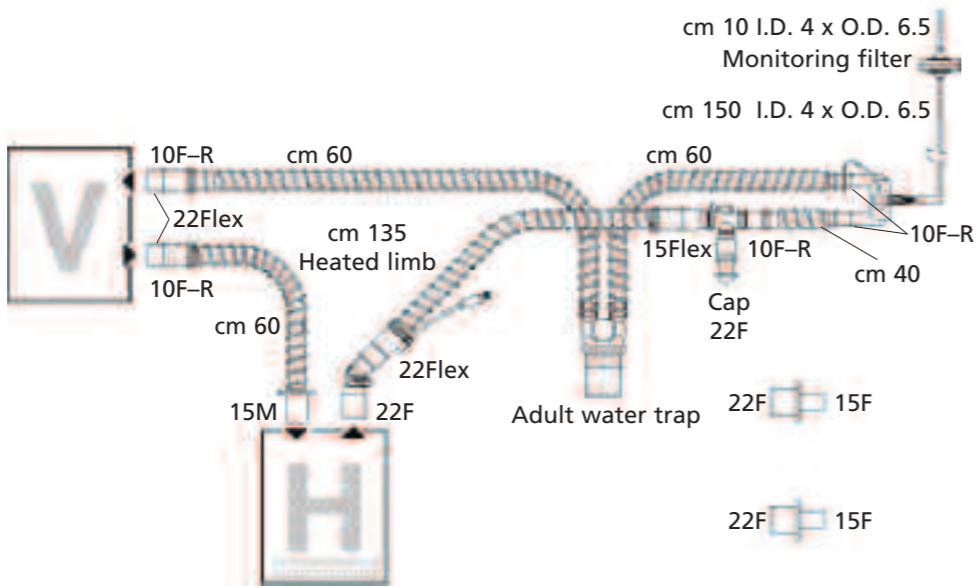
307/8448 for Newport, Bird, Bear 850	neonatal Y piece with ports and pressure line 4x6.5 180 cm long, 15F patient connection, inspiratory line 160 cm with paediatric water trap and straight connector with temperature port 40 cm from the Y piece, expiratory line 160 cm with paediatric water trap, 22Flex-22Flex ventilator connections, extra limb 60 cm, 15M-22Flex connections, straight connector 15F-22F, straight connector 22M-22M/15F, cap for pressure port, sterile
307/8449 for Sechrist	neonatal Y piece with ports and dual pressure line 4x6.5 180 cm long, 15F patient connection, inspiratory line 160 cm with paediatric water trap and straight connector with temperature port 40 cm from the Y piece, expiratory line 160 cm with paediatric water trap, 22Flex-15M ventilator connections, extra limb 60 cm, 15M-15M connections, straight connector 15F-22F, two straight connectors 22M-22M/15F, pressure line 4x6.5 180 cm long loose in the envelope, sterile

Single packed.
Box quantity 10 units

Neonatal

Single Embedded Heated wire smoothbore PVC circuits for F&P MR730 humidifier

307/8312 10 mm Neonatal PVC ICU Circuit, neonatal Y -Piece with ports and pressure line diameter 4x6.5 160 cm and monitoring filter, 15F patient connection, inspiratory line 40 cm –T piece with cap – 135 cm line with embedded heated wire, expiratory line120 cm with adult water trap, 22F-22Flex ventilator connections, extra limb 60 cm with 22Flex-15M connections, two straight connectors 15F-22F, sterile



Also available

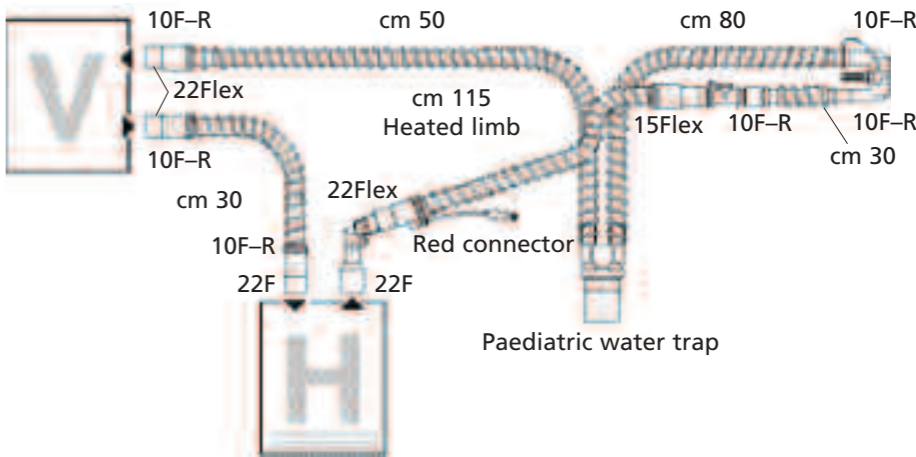
307/8682 not applicable to incubators	neonatal Y piece with ports, 15F patient connection, inspiratory line 135 cm with embedded heated wire, expiratory line 140 cm with adult water trap, 22F-22Flex ventilator connections, extra limb 30 cm, 22Flex-22Flex connections, sterile
307/8447 for Newport, Bird	neonatal Y piece with ports and pressure line 4x6.5 180 cm long, 15F patient connection, inspiratory line 40 cm – straight connector with temperature port – 135 cm with embed ded heated wire, expiratory line 160 cm with paediatric water trap, 22F-22Flex ventilator connections, extra limb 60 cm, 15M-22Flex connections, straight connector 15F-22F, straight connector 22M-22M/15F, cap for pressure port, sterile
307/8442 for Bourns, Bear Cub 2000	neonatal Y piece with ports and pressure line 4x6.5 180 cm long, 15F patient connection, inspiratory line 40 cm – straight connector with temperature port – 135 cm with embedded heated wire, expiratory line 160 cm with paediatric water trap, 22F-10Flex ventilator connections, extra limb 60 cm, 15M-10Flex connections, straight connector 15F-22M, straight connector 15F-22F, straight connector 22M-22M/15F, sterile
307/8450 for Sechrist	neonatal Y piece with ports and dual pressure line 4x6.5 180 cm long, 15F patient connection, inspiratory line 40 cm – straight connector with temperature port – 135 cm with embedded heated wire, expiratory line 160 cm with paediatric water trap, 22F-15M ventilator connections, extra limb 60 cm, 15M-15M connections, straight connector 15F-22F, two straight connectors 22M-22M/15F, pressure line 4x6.5 180 cm loose in the envelope, sterile
307/8446 for Babylog 8000	no Y piece, 11Flex-11Flex patient connections, inspiratory line 40 cm – straight connector with temperature port – 135 cm with embedded heated wire, expiratory line 160 cm with paediatric water trap, 22F-11Flex ventilator connections, extra limb 60 cm, 15M-11Flex connections, straight connector 15F-22F, straight connector 22M-22M/15F, sterile
307/8533 for Babylog 8000	no Y piece, 11Flex-11Flex patient connections, inspiratory line 40 cm – straight connector with temperature port – 135 cm with embedded heated wire, expiratory line 180 cm with paediatric water trap, 22F-11Flex ventilator connections, extra limb 40 cm, 15M-11Flex connections, straight connector 15F-22F, straight connector 22M-22M/15F, sterile

Single
packed.
Box
quantity
10 units

Neonatal

Single Embedded Heated wire smoothbore PVC circuits for KENDALL AERODYNE 2000 humidifier

307S8975 10 mm Neonatal PVC ICU Circuit, neonatal Y - Piece with ports, 15F patient connection, inspiratory line 30 cm – straight connector with temperature port – 115 cm line with embedded heated wire, expiratory line 130 cm with paediatric water trap, 22F-22Flex ventilator connections, extra limb 30 cm with 22Flex-22Flex connections, sterile

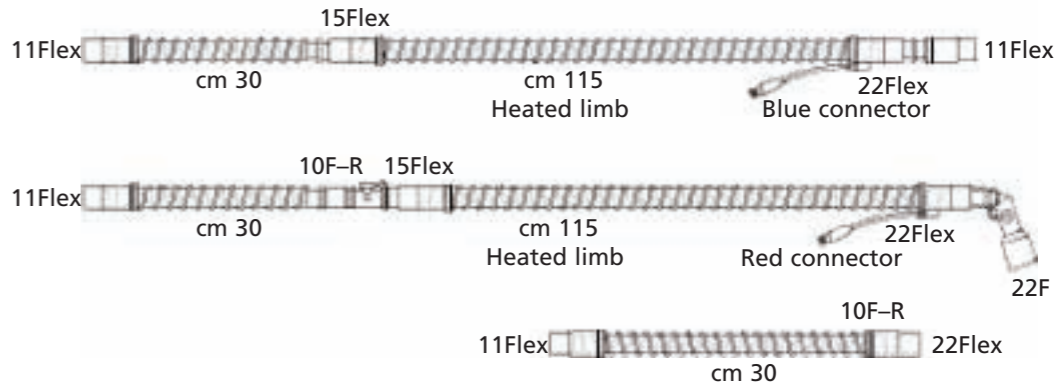


Also available

307S8942 for Babylog 8000	no Y -Piece, 11Flex-11Flex patient connections, inspiratory line 30 cm – straight connector with temperature port – 115 cm line with embedded heated wire, expiratory line 130 cm with paediatric water trap, 22F-11Flex ventilator connections, extra limb 30 cm with 11Flex-22Flex connections, sterile
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Dual Embedded Heated wire Neonatal PVC circuits for KENDALL AERODYNE 2000 humidifier

307/8943 10 mm Neonatal PVC ICU Circuit, no Y -Piece, 11Flex-11Flex patient connections, inspiratory line 30 cm – straight connector with temperature port – 115 cm line with embedded heated wire, expiratory line 30 cm – straight connector with temperature port – 115 cm line with embedded heated wire, 22F-11Flex ventilator connections, extra limb 30 cm with 11Flex-22Flex connections, sterile

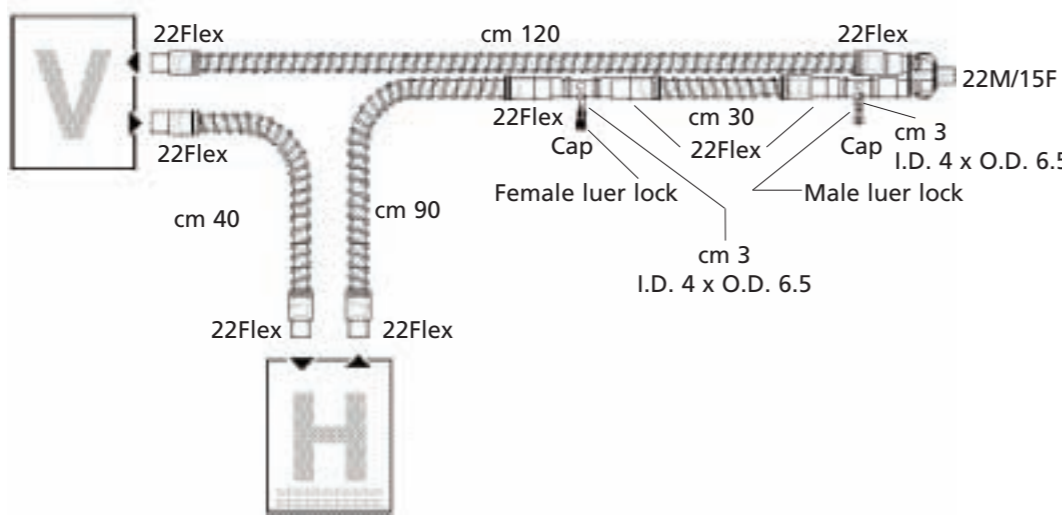


Single
packed,
sterile.
Box
quantity
10 units

Single
packed.
Box
quantity
10 units

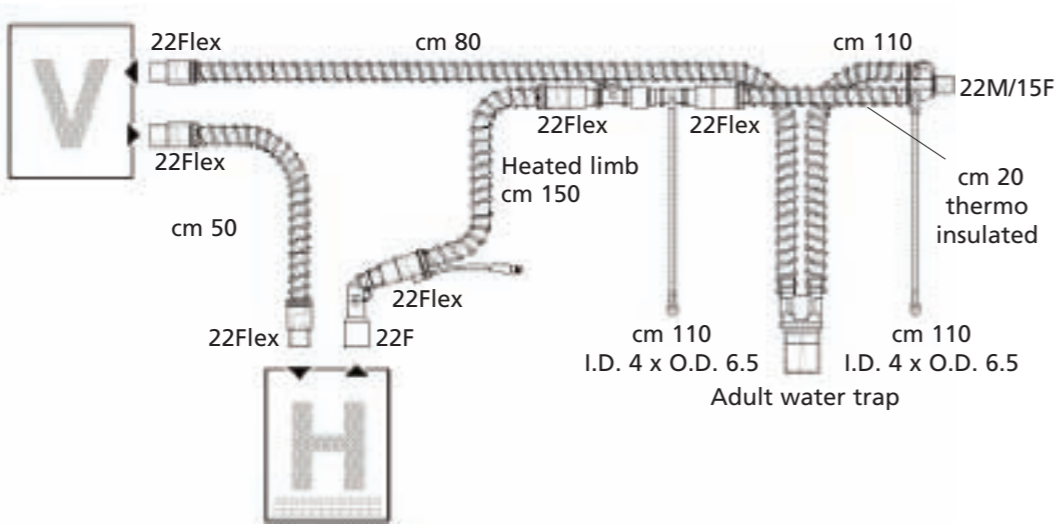
Adult circuit (basic)

301/13925 22 mm Adult Circuit, parallel Y piece with ports, 22M/15F patient connections, inspiratory line 120 cm with two straight connectors with Nitric Oxide port, expiratory line 120 cm , 22Flex-22Flex ventilator connections, extra limb 40 cm, 22Flex-22Flex connections, not sterile



Adult circuit (with heated wire)

304/14015 22 mm Adult Circuit, parallel Y piece with ports and line diameter 4x6.5, 22M/15F patient connections, inspiratory line 20 cm thermo insulated tube –straight connector with NO port and line diameter I.D. 4 x O.D. 6.5 – straight connector with NO port – line 150 cm with embedded heated wire, expiratory line 190 cm with adult water trap, 22F-22Flex ventilator connections, extra limb 50 cm, 22Flex-22Flex connections, sterile

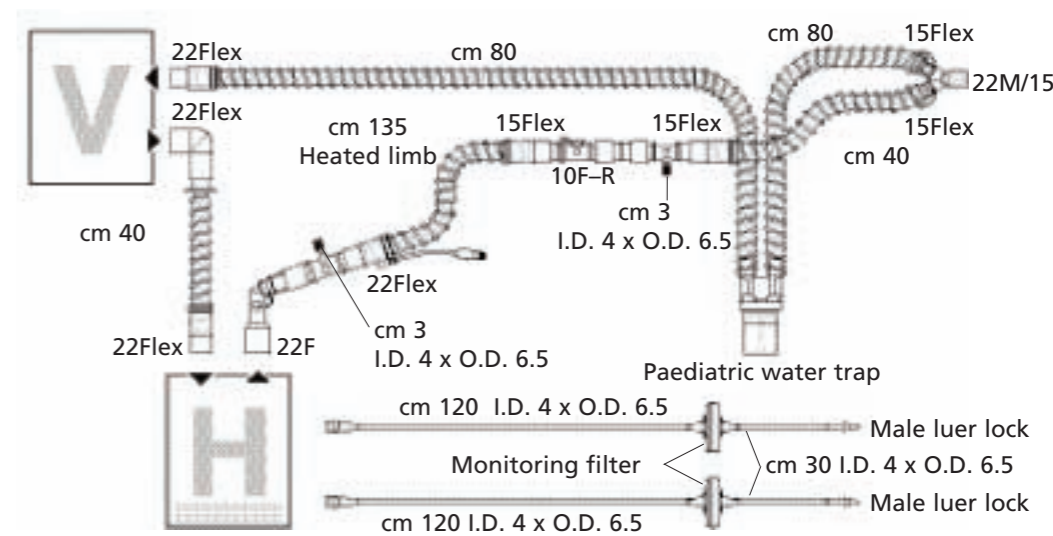


Single
packed.
Box
quantity
10 units

Single
packed.
Box
quantity
10 units

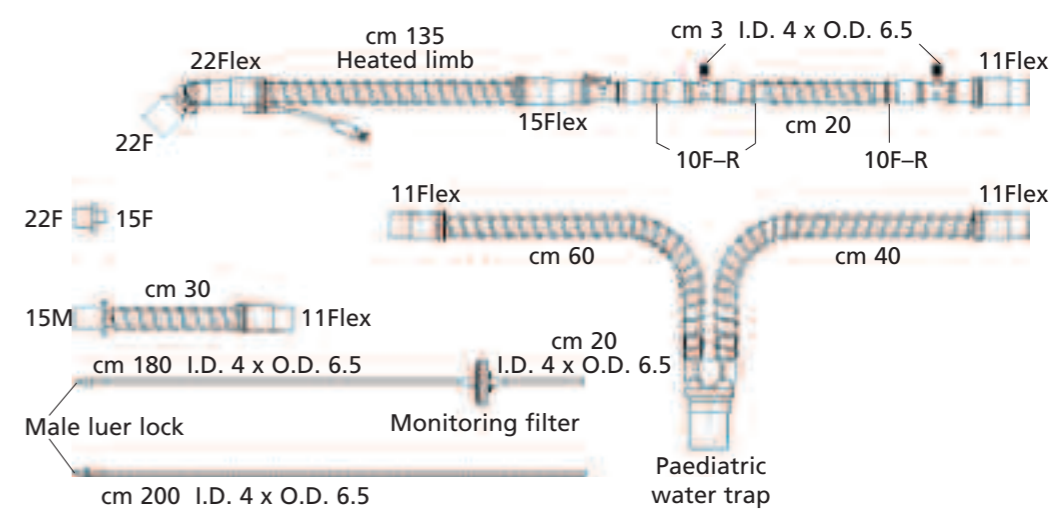
Paediatric circuit (with heated wire)

306/8717 15 mm Paediatric Circuit, standard Y piece with ports, 22M/15F patient connections, inspiratory line 40 cm – straight connector with NO port – straight connector with temperature port – line 135 cm with embedded heated wire, expiratory line 160 cm with paediatric water trap, 22F-22Flex ventilator connections, extra limb 40 cm, 22Flex-22Flex angled connections, two PVC lines diameter 4x6.5 with monitoring filter, sterile



Neonatal circuit (with heated wire)

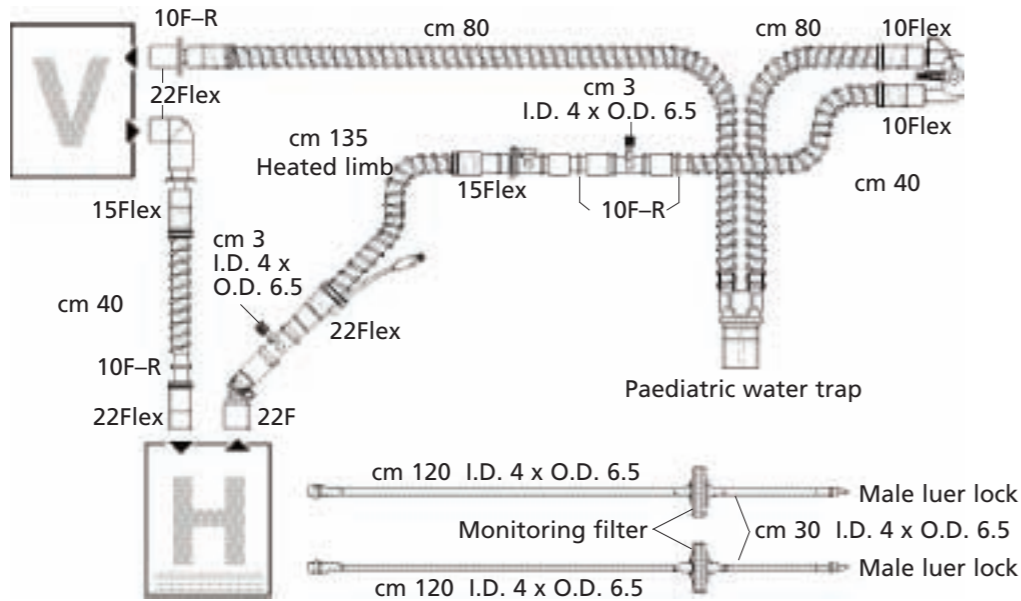
307/8501 10 mm Neonatal Circuit, no Y piece, 11Flex-11Flex patient connections, low compliance inspiratory line with straight connector with NO port - 20 cm line – two straight connectors with NO port – heated limb 135 cm , low compliance expiratory line 100 cm with paediatric water trap, 11Flex-11Flex ventilator connections, extra limb 30 cm, 15M-11Flex connections, PVC line diameter 4x6.5 with monitoring filter, PVC line diameter 4x6.5, straight connector 15F-22F, sterile



Single
packed.
Box
quantity
10 units

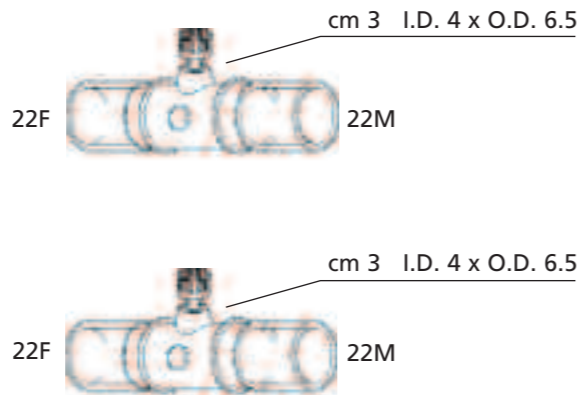
Neonatal circuit (with heated wire)

307/8603 10 mm Neonatal Circuit, detachable neonatal Y piece with ports, 15F patient connection, inspiratory line 40 cm line – two straight connectors with NO port – line 135 cm with embedded heated wire, and final straight connector with NO port, expiratory line 160 cm with paediatric water trap, 22F-22Flex ventilator connections, extra limb 40 cm , 22Flex-22Flex angled connections, two PVC line diameter 4x6.5 with monitoring filter, sterile



Kit of connectors for Nitric Oxide

608S9283 NO adapter set for adult circuits, sterile



Single
packed.
Box
quantity
10 units

Adult

Single
packed.
Box
quantity
10 units

Paediatric

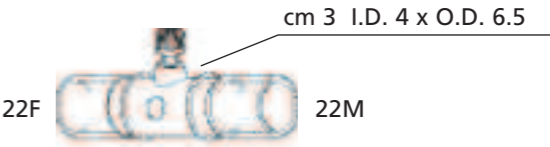
Single
packed.
Box
quantity
10 units

Neonatal

Single
packed.
Box
quantity
10 units

Kit of connectors for Nitric Oxide

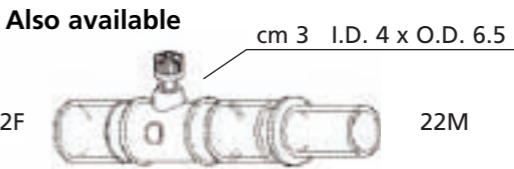
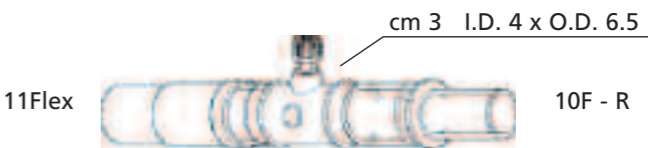
608S9282 NO adapter set for Paediatric circuits, sterile



Also available
under code 609/9051

Kit of connectors for Nitric Oxide

608S9284 NO adapter set for neonatal circuits, sterile

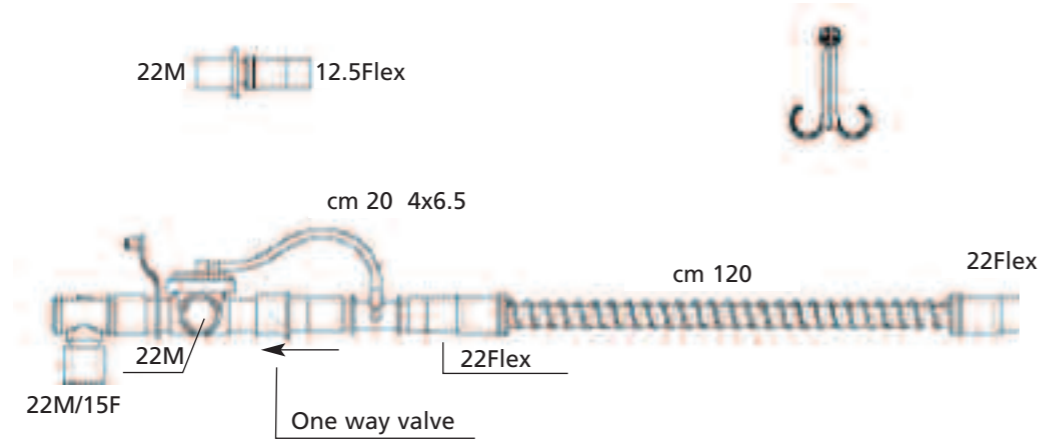


Single limb

Adult

Breathing System for Brompton PAC ventilator

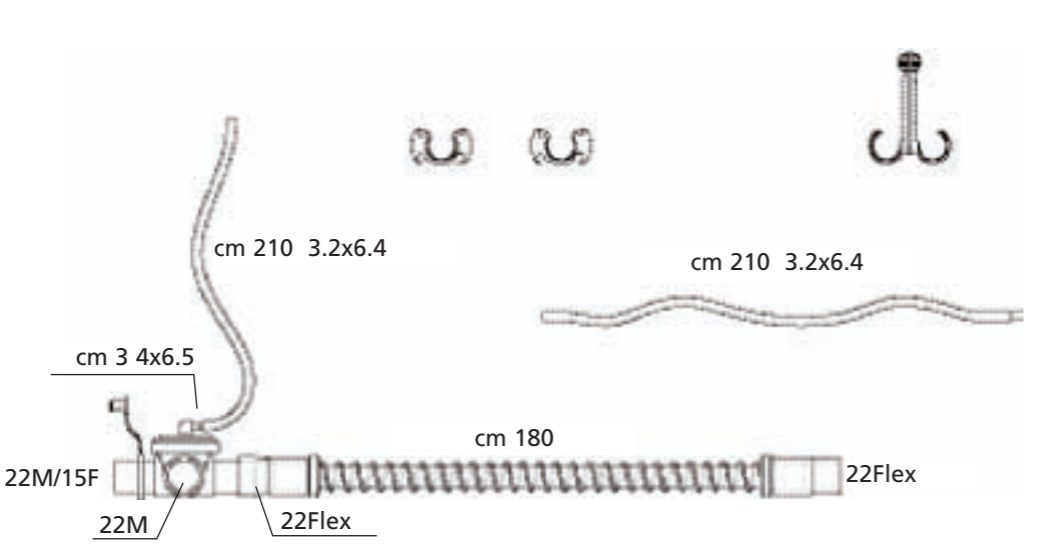
285/7530 22 mm Adult circuit, 120 cm, 22Flex ventilator connection, 22M/15F patient connection, exhalation valve, straight connector with pressure port, PVC line 20 cm diameter 4x6.5 from valve to pressure port on straight connector, L-type adapter at patient side, straight connector 22M-12.5Flex loose in the envelope, sterile



Single packed.
Box quantity 10 units

Breathing Systems for LP series, ACHIEVA, PB COMPANION™ 2801, Breas PV401, Lifecare PLV100, Nippi Mark 1, Monnal D, Dräger EV800/1 ventilators

285/25035 22 mm Adult circuit, 180 cm, 22Flex ventilator connection, exhalation valve with 22M/15F patient connection, PVC line 210 cm diameter 3.2x6.4 on valve, pressure line 210 cm diameter 3.2x6.4 with angled rubber connector loose in the envelope, sterile



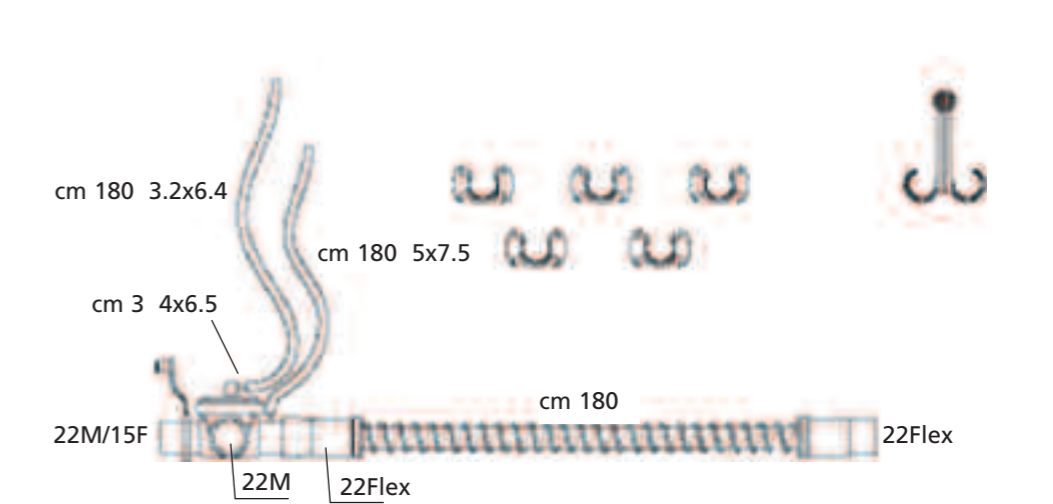
Single packed.
Box quantity 10 units

Single limb

Adult

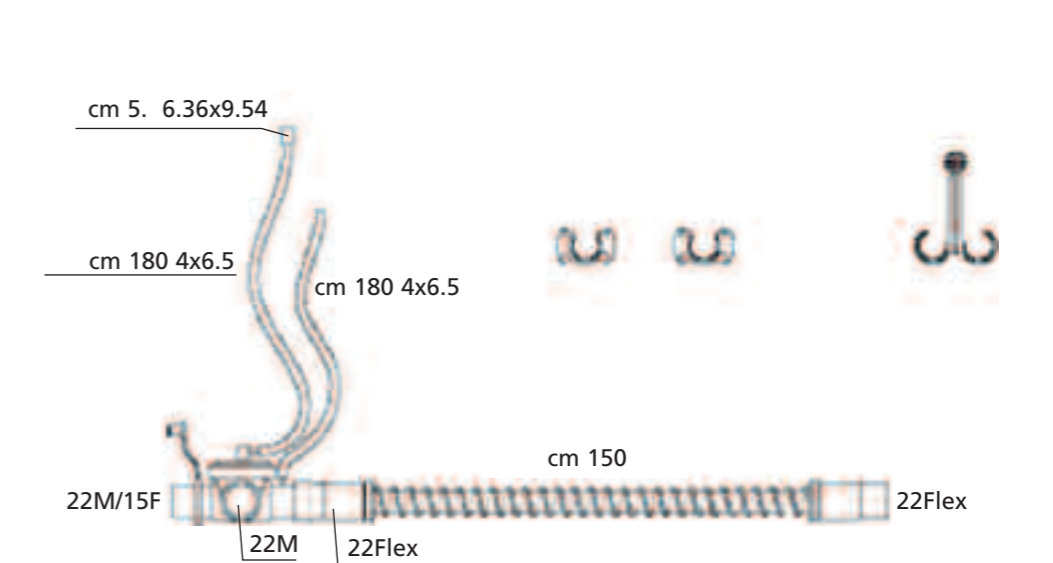
Breathing Systems for LP series, ACHIEVA™, PBCOMPANION 2801, Breas PV401, Lifecare PLV100, Nippi Mark 1, Monnal D, Dräger EV800/1 ventilators

285P25606 22 mm Adult circuit, 180 cm, 22Flex ventilator connection, exhalation valve with 22M/15F patient connection, PVC line 180 cm diameter 3.2x6.4 on valve, pressure line 180 cm diameter 5x7.5, not sterile



Single packed.
Box quantity 10 units

285/25038 22 mm Adult circuit, 150 cm, 22Flex ventilator connection, exhalation valve with 22M/15F patient connection, PVC line 180 cm diameter 4x6.5 on valve, pressure line 180 cm diameter 4x6.5, sterile



Single packed.
Box quantity 10 units

Accessories

P.E.E.P. Valve

609/9034 P.E.E.P. Valve with 22M connection, not sterile



Single
packed.
Box
quantity
10 units

Suction control Valve

291/7617 Suction control valve, sterile



Single
packed.
Box
quantity
25 units

Also available

291/7045	Digitvent valve with male luer lock, sterile
291/25092	Digitvent valve with male luer lock, with tube connection, sterile

Exhalation Valve

111/1113 Exhalation valve with 22M/15F-2 2M-22M connections, not sterile



Single
packed.
Box
quantity
10 units

Also available

111PX0002	Airlife valve to be used with Onyx Ventilators, 22F-22M connections, not sterile
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A.P.L. Valve

616/9239 APL valve with overpressure limiting valve, 22M connection, not sterile



Single
packed.
Box
quantity
10 units

Also available

616S9279	APL valve with overpressure limiting valve, 15F connection, sterile
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