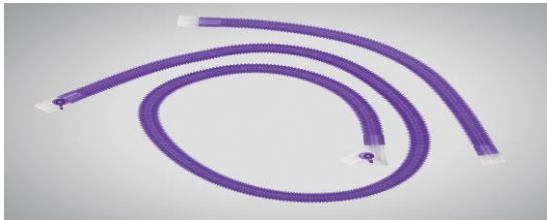
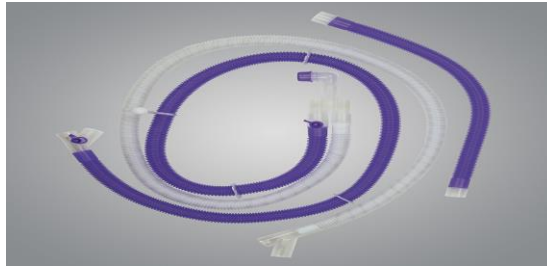


Technical Data Sheet

Single and Dual Limb Heated Circuit (Adult)

Product Codes and Product Description	AH102 AirLife™ Adult Heated Wire Circuit, single-limb, single-heated circuit AH180 AirLife™ Adult Heated Wire Circuit, dual-limb, dual-heated circuit AH202 AirLife™ Adult Heated Wire Circuit Kit, single-limb, single-heated circuit; Contains AH102 Circuit, AH290 Chamber AH280 AirLife™ Adult Heated Wire Circuit Kit, dual-limb, dual-heated circuit; Contains AH180 Circuit, AH290 Chamber					
General Product Description	<p>Single-limb Heated Wire Circuit: The AirLife™ Single-limb Heated Wire Circuit is intended to deliver and warm breathing gases before they enter the patient's airway. The wire heated circuit and accessories are a combination of tubes and connectors that act as an airway conduit between a breathing machine and the patient. The breathing circuit contains a heating wire and temperature flow probe ports to locate the sensing probes of the humidifier. The humidifier controls the heating wires based upon the sensed temperature in the breathing circuit in order to control gas temperature and help prevent condensation from forming inside the breathing circuit.</p> <p>Dual-limb Heated Wire Circuit: The AirLife™ Adult Dual-limb Heated Wire Circuit contains heating wires in one or both limbs and temperature flow probe ports to locate the sensing probes of the humidifier. The humidifier controls the heated wires based upon the sensed temperature in the breathing circuits in order to control gas temperature and help prevent condensation from forming inside the breathing circuit.</p>			 		
Intended Use	The AirLife™ Adult Heated Wire Circuit is intended to warm breathing gases before they enter a patient's airway. The AirLife™ Adult Heated Wire Circuit is used with the adult patient population that requires mechanical ventilation, positive pressure breathing or general medical gases. The product is a single use device, non-sterile and used in professional healthcare environments and intrahospital transport environments under a doctor's supervision and by skilled clinicians. The AirLife™ Adult Heated Wire Circuit is compatible to the Fisher & Paykel MR850 humidifier.					
Pack Factor	AH102 – 10 AH180 – 10 AH202 – 10 AH280 – 10					
EAN/UPC	AH102	CS	50885403416666	AH202	CS	50885403276208
	AH102	EA	10885403416668	AH202	EA	10885403276200
	AH180	CS	50885403416680	AH280	CS	50885403276222
	AH180	EA	10885403416682	AH280	EA	10885403276224
Instructions for Use	Please refer to the Instructions for Use (IFU)					

Technical Data Sheet

Single and Dual Limb Heated Circuit (Adult)

Characteristics	These devices are intended for short term use for more than sixty minutes and less than thirty days as defined by section 1.1 of Annex IX of the Medical Device Directive 93/42/EEC
Compatibility	AH290 Heated Circuits are designed to be used with ventilators, endotracheal tubes, MR850 heater base, nasal cannulas, and NIV masks
Shelf Life	The Respiratory Heated Breathing Circuits have a two-year shelf life, and this is incorporated in the traceability matrix and the expiration dates can be found on the labels. There are no safety related performance or safety-related characteristics which are likely to deteriorate over time
Regulation	Single-limb and Dual-limb Circuits are class IIa, Rule 2, short term, non-invasive, and active devices
Biocompatibility	All materials are biocompatible, meeting skin irritation and sensitization requirements documents: CF-1318-B, CF-1172-B
Materials	<p>AH180: Wire - Alloy 294 (55% Cu, 45% Ni). Insulation - Wacker Silicone SLM 60077318, No Post Cure, Thermoplastic Polyolefin, Adflex Q200F (CF52-121), Processing Aide: Dow Masterbatch MB50-001 (CF52-120), Clarifier: Polyone Masterbatch CC10139775WX (CF52-119) BASF IRGACLEAR XT386, Colorant: Polyone Colors CC10118742WX, Purple Pantone Q270-2-1 (CF52-122), Mixture: Mix 1.5 LBS CF52-120 and 2.5 LBS CF52-119 to 100 LBS CF52-121, 70% Isopropyl Alcohol in distilled water, CAS No. 67-63-0, High Density Polyethylene, DOW DMDA 8904 NT7, P/N 52-1445, Polypropylene, Huntsman P5M4R-034 Radiation Grade, P/N 52-1199, LyondellBasell Polypropylene, Copolymer, Pro-Fax SR549M, CareFusion P/N 52-1277, Gold Plated Brass, Adhesive- Ethyl Cyanoacrylate with photo initiator, Montel USA Inc, Polypropylene Homopolymer, Pro-Fax 6323, P/N 52-902., Cyanoacrylate (CA) suitable for use in the assembly of disposable medical devices per Henkel ISO 10993 protocol., Medical device adhesive primer adhesion promoter for Loctite instant adhesives on hard-to-bond elastomers. ISO-10993 Biological tested for medical device use</p> <p>AH102: Wire - Alloy 294 (55% Cu, 45% Ni). Insulation - Wacker Silicone SLM 60077318, No Post Cure, Thermoplastic Polyolefin, Adflex Q200F (CF52-121), Processing Aide: Dow Masterbatch MB50-001 (CF52-120), Clarifier: Polyone Masterbatch CC10139775WX (CF52-119) BASF IRGACLEAR XT386, Colorant: Polyone Colors CC10118742WX, Purple Pantone Q270-2-1 (CF52-122), Mixture: Mix 1.5 LBS CF52-120 and 2.5 LBS CF52-119 to 100 LBS CF52-121, Montel USA Inc, Polypropylene Homopolymer, Pro-Fax 6323, P/N 52-902. Alcohol, 70%, Medical device adhesive primer adhesion promoter for Loctite instant adhesives on hard-to-bond elastomers. ISO-10993 Biological tested for medical device use, LyondellBasell Polypropylene, Copolymer, Pro-Fax SR549M, CareFusion P/N 52-1277, Gold Plated Brass, Polypropylene, Huntsman P5M4R-034 Radiation Grade, P/N 52-1199, Adhesive, UV, Cyanoacrylate (CA) suitable for use in the assembly of disposable medical devices per Henkel ISO 10993 protocol. High Density Polyethylene, DOW DMDA 8904 NT7, P/N 52-1445</p> <p>AH290: Acrylic based adhesive, Dymax 1180-M-T, Spanjaard HTS Silicone Grease, Orange Colorant, PolyOne CC10167022WE, TR. ORANGE 158 PP II, Polypropylene, LCY Chemical Globalene ST868M, Butanone /Ethanol based ink, Domino Amjet Inc. IC-2BK024, Polyphenylene Ether + PS, SABIC NORLYL HNA055, Color 2H3B234, Silicone, Wacker ELASTOSIL LR3003/20 TR, TPV (Thermoplastic Vulcanizate), ExxonMobil 8281-45MED, PE Fiber, Porex 69999, ABS (Acrylonitrile butadiene styrene), Borla PF 0971 - Assembly, PF 1399 - Tip Protector, PF 0277 - Air Vent (1.2 micron), 1100 Aluminum, Anodized TYPE II, CLASS I, Polyvinyl chloride, Hopfinder MT-3080TC B1010, Ink Thinner, Domino Amjet Inc. MC-2BK024, Cyclohexanone, Dongguan Petroleum Chemical CMGY-P1500350</p> <p>AH202: Contains AH102 circuit and AH290 Chamber</p> <p>AH280: Contains AH180 Circuit and AH290 Chamber</p>

Technical Data Sheet

Single and Dual Limb Heated Circuit (Adult)

Storage	There are no special storage conditions required. Packaging for non-sterile devices is intended to protect the product from dust and does not provide a sterile barrier
GMDN Code	37706; Breathing Circuit, Ventilator, Single Use
Disposal	Dispose of in accordance with national and local authority regulations
Does it contain PVC, DEHP and/or Latex	DEHP Free, Latex Free, BPA Free
Country of Origin	AH290 China AH102, AH180 Mexico
Legal Manufacturer	Vyaire Medical Inc. 26125 N. Riverwoods Blvd. Mettawa, IL 60045 USA

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