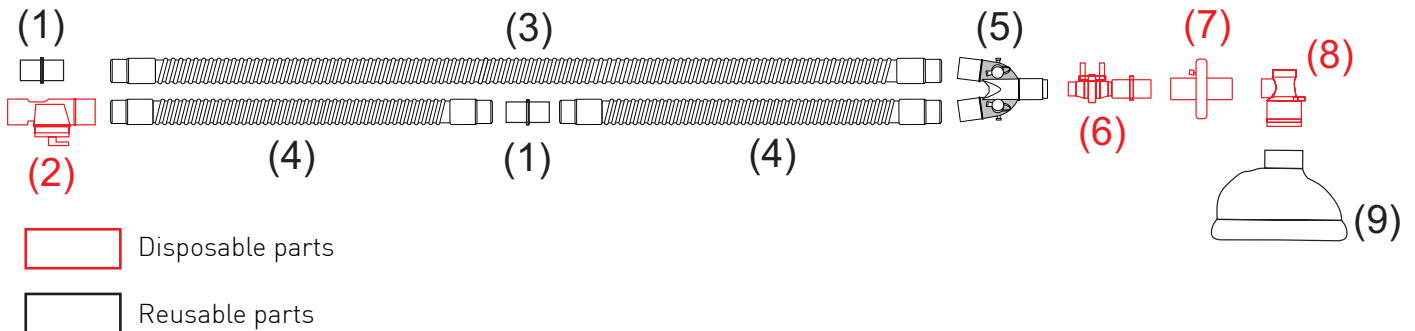




Refer to User Manual for comprehensive information:
<https://www.mttS-asia.com/impala-ventilator/>

Impala reusable breathing circuit by MTTs



Item	Name	Material	Order Code
1	STRAIGHT CONNECTOR	Polyethylene	1612
2	EXHALATION VALVE	n/a	1531
3	CORRUGATE TUBE ID=22mm L=120cm W/CONNECTOR	Silicone	1527
4	CORRUGATE TUBE ID=22mm L=60cm W/CONNECTOR	Silicone	1526
5	WYE CONNECTOR	Polyethylene	1613
6	FLOW SENSOR	n/a	1532
7	HME FILTER	n/a	1497
8	CATHETER MOUNTS (OPTIONAL)	n/a	1614
9	SILICONE MASK (SIZE 3, 4, 5)	Silicone	1516-18

STEP 1. Disinfection - all reusable parts



Make sure to wash your hands and/or wear sterile gloves when reassembling breathing circuit.



Clean
Cloth



Disinfectant*



Sink
or Bucket





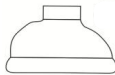
Distilled
Water

*Recommended disinfectants

Disinfectant	Temperature	Time
Ortho-Phthaldehyde 0.55%	20°C	12 min
Hydrogen Peroxide 7.5%	20°C	30 min
Glutaraldehyde ≥ 2.0%	20-25°C	20-29 min



STEP 2. Sterilization

A. Silicon parts

Item	Name	
3	CORRUGATE TUBE ID=22mm L=120cm W/CONNECTOR	
4	CORRUGATE TUBE ID=22mm L=60cm W/CONNECTOR	
9	SILICONE MASK (SIZE 3, 4, 5)	

Method	Temperature	Time
Steam sterilization	121°C	15 min
Ethylene oxide gas (EtO)	55°C	8-12 h
Hydrogen peroxide gas plasma	37-50°C	45-72 min
Glutaraldehyde ≥ 2.0% + phenol/phenate 1.93%	35°C	5 min

B. Polyethylene parts

Item	Name	
1	STRAIGHT CONNECTOR ID=15mm OD=22mm	
5	WYE CONNECTOR	



DO NOT use steam sterilization method with these parts.

Method	Temperature	Time
Ethylene oxide gas (EtO)	55°C	8-12 h
Hydrogen peroxide gas plasma	37-50°C	45-72 min



Follow the local authority's recommendations and/or hospital standard operating procedures, if available.