

# ICU Ventilator Breathing System

Product Data Sheet

**PRODUCT:** Ventilator Breathing System

038-01-155BA Ventilator System with Two Water Traps, Monitoring Ports, Pressure Line & Limb.

**IMAGE:****DESCRIPTION / FUNCTION:**

The Flexicare ICU Breathing Systems range is specifically designed for patients requiring ventilation in Intensive Care Units. The full range of circuits and accessories meet the demands of patients from standard ventilator circuits to. A wide variety of ITU Breathing Systems are offered to meet individual requirements.

Flexicare Standard ventilator breathing system 038-01-155BA is supplied with Smoothbore tube, monitoring ports, pressure line and options for water traps and nebuliser.

The system comprises: a patient end Y-piece that can be coupled to a range of patient end devices; a ventilator inspiratory limb for coupling to a ventilator to transport the ventilator gases to the patient; and an expiratory, ventilator-return limb with a water trap to collect excessive condensation. Monitoring ports enable the monitoring of temperature and pressure.

The system is compatible with a range of commonly used ventilators and is supplied with ventilator connection accessories.

Intended for patients undergoing ventilation in Intensive Care / Therapy Units (ICU/ITU).

**PRE-CAUTIONS / WARNINGS:**

- Before use, visually inspect all connectors to confirm firmly in place. Immediately before use, carry out a functional test to ensure there is no occlusion or leakage in the system
- When connecting, use a push and twist action and when disconnecting, use a twist and pull action
- Remove the safety cap from the Y-piece and connect directly to the endotracheal tube or catheter mount or other device, such as a face mask
- Flexicare recommends ventilators are protected from contamination by an approved breathing filter positioned adjacent to the ventilator. The filter to be used in accordance with the manufacturer's instructions. It should be changed after a period of 24 hrs as the resistance increases after this period
- This circuit has been validated to retain its mechanical integrity for a period of 7 days. This is the period of use for the single patient to be determined in accordance with the hospital policy for circuits used in an Intensive Care environment
- This product may not be decontaminated in any way (this includes rinsing, washing or decontamination using gas, heat, steam or boiling water)

**SPECIFICATION / KEY FEATURES:**

- 22mm female conical at machine ends
- Conical connectors complying with ISO 5356 providing universal connections
- Y-piece with 2 monitoring ports 15mm Female/ 22mm Male conical at patient end
- 22mm Smoothbore tube
- Breathing system complies with BS EN 12342 Breathing tubes for use with anaesthetic apparatus and ventilators
- Latex free
- 2 x water trap
- Supplied non sterile

**PRODUCT RANGE & PART NUMBERS**

<b>Ventilator Breathing System with Monitoring Port, Water Trap, Pressure Line &amp; Limb</b>	
038-01-155BA	Standard Ventilator Breathing System with Monitoring Ports and two Water Traps (1.6m) 22mm Smoothbore tube, Pressure Line, Y piece and 2 monitoring ports, 22mm F connectors, 2 self sealing water traps & Limb.

**MATERIALS**

<b>DESCRIPTION</b>	<b>MATERIAL</b>
Smoothbore Tube	Polyvinyl Chloride (PVC)
Pressure Line	Polyvinyl Chloride (PVC)
Y Piece	Polypropylene (PP)
22mm F Connector	Polyethylene (PE)
22mm M/M (15F) Connector	Polypropylene (PP)
Monitoring Port Cap	Low Density Polyethylene (LDPE)
Water Trap Lid & Chamber	Acrylonitrile Butadiene Styrene (ABS)
Water Trap Button Valve	Acetal (Polyoxymethylene (POM)
Water Trap Seal	Thermoplastic rubber (TPV)
Red Safety Cap	Polypropylene (PP)

**LATEX CONTENT**

Flexicare Ventilator Breathing Systems do not contain natural rubber latex.

**DEHP CONTENT**

Flexicare Ventilator Breathing Systems do not contain phthalate DEHP.

**SINGLE-USE**

Flexicare Ventilator Breathing Systems are single patient use devices.

**STERILISATION METHOD**

Flexicare Ventilator Breathing Systems are non-sterile.

**STORAGE CONDITIONS**

Store in a cool, dry place out of direct sunlight.

**SHELF LIFE**

Flexicare declares a shelf life of five years from date of manufacture. This is based on the stability of the devices' components and raw materials sourced. Expiry date is clearly marked on individual product pouch.

**DISPOSAL CONSIDERATIONS**

Dispose as clinical waste, in accordance with hospital policy, local guidelines and regulations.