

Double Valve Auto-Fill Humidification Chamber

Product Data Sheet

PRODUCT: Double Valve Auto-Fill Humidification Chamber**DESCRIPTION / FUNCTION**

Flexicare's Double Valve Auto-Fill Humidification Chamber is designed for active humidification and warming of breathing gases that are to be administered for patient ventilation or respiratory support. The chamber is used in conjunction with a respiratory humidifier, breathing circuits and other accessories.

The chamber is positioned on the respiratory humidifier plate, filled from a sterile water bag or bottle and connected to the inspiratory limbs of a breathing circuit. The sterile water within the chamber is warmed by the heater plate and the gases take up heat and humidity as they flow through the chamber. The double valve design automatically regulates the flow of water into the chamber to maintain the correct level and prevent overfilling.

PRECAUTIONS / WARNINGS

- Do not use if packaging is open or damaged.
- Fill with sterile water only.
- Ensure chamber is level.
- Position chamber below the level of the patient's head and at the lowest point of the inspiratory limb.
- Do not apply heat to the chamber when empty.
- Do not fill the chamber with water at or above 37°C.
- Always turn on fresh gas flow before applying heat to the chamber.
- Regularly check the water level in the chamber and the flow from the sterile water bag/bottle.
- Do not use without adequate gas flow. If gas flow is interrupted, immediately turn off the respiratory humidifier.
- The Double Valve Auto-Fill Humidification Chamber is a single use device. Do not re-sterilise or autoclave.
- After use, the chamber should be regarded as contaminated waste and any condensate as infectious material.

SPECIFICATIONS / KEY FEATURES

- Double Valve system for automatic control of water supply and fill level.
- Clear chamber with floating indicator ring for visual monitoring of water level.
- Maximum fill level marking.
- Removable dust cap to protect floats prior to use and retain the inlet tube during transit, Exposing 2 x 22mm male connectors when removed.
- 130ml \pm 10ml water capacity.
- 1.2m water inlet tube with clamp and vented spike.
- Non-tarnish flat aluminium base for effective heat transfer.
- Latex Free.
- Supplied Sterile (Ethylene Oxide (EO) sterilisation).

PRODUCT RANGE

Product Code	Product Description
038-31-742	Double Valve Auto-Fill Humidification Chamber - Sterile

MATERIALS

Component	Material
Vented Spike Cap	Low Density Polyethylene (LDPE)
Vented Spike	Acrylonitrile Butadiene Styrene (ABS)
Water Inlet Tube	Polyvinyl Chloride (PVC)
Tube Clamp	Polypropylene (PP)
Conical Cover & Tube Holder	Polypropylene (PP)
Humidification Chamber Shell	Acrylonitrile Butadiene Styrene (ABS)
Auto-Fill Float Seal	Silicone
Auto-Fill Float Second Seal	Silicone
Auto-Fill Primary Float	Acrylonitrile Butadiene Styrene (ABS)
Second Float	Polypropylene (PP)
Auto-Fill Float Retainer	Polypropylene (PP)
Humidification Chamber Base	Aluminium
Water Level Indicator Ring	Polypropylene (PP)
Auto-Fill Chamber Seal	Silicone

LATEX CONTENT

Flexicare's Double Valve Auto-Fill Humidification Chamber does not contain natural rubber latex.

DEHP CONTENT

Flexicare's Double Valve Auto-Fill Humidification Chamber does not contain phthalate DEHP.

SINGLE-USE

Flexicare's Double Valve Auto-Fill Humidification Chamber is a single use device. Do not re-use or re-sterilise.

STERILITY

Flexicare's Double Valve Auto-Fill Humidification Chamber is supplied sterile and has been sterilised by Ethylene Oxide (EO).

STORAGE

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

SHELF LIFE

Flexicare declares a shelf life for 5 years from date of sterilisation. This is based on the stability of the component devices and the raw material 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.

PACKAGING MATERIALS

Top Web – Ethylene Oxide Permeable Paper
Blister Tray – Polyvinyl Chloride (PVC)
Box (770 x 310 x 206mm) - Cardboard