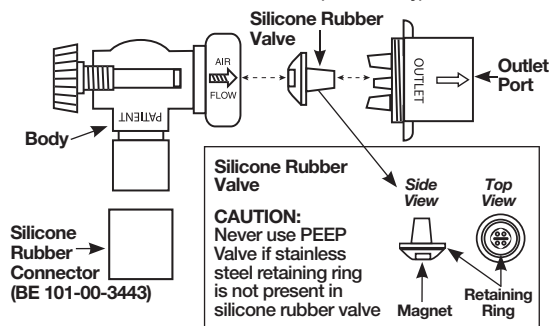


E Sterilization and High-Level Disinfection Recommendations

The recommendations indicated below are to be used as a general guideline. Follow the specific sterilization or disinfection procedures that have been validated by your institution.

To Disassemble:

1. Unscrew outlet port from body.
2. Remove silicone rubber valve.
3. Remove silicone rubber connector (BE 142 only).



When re-assembling the valve after cleaning, make sure that silicone rubber valve is seated properly before screwing outlet port back on.

Sterilization and High-Level Disinfection Recommendations:

Sterilization:

- Steam Autoclave: (For Silicone Rubber parts only) Sterilize according to validated parameters. Do not exceed 135°C (275°F).

Do not steam autoclave polycarbonate products. (See Panel F.)

- Gamma Radiation: Irradiate according to validated parameters. Some discoloration may occur.
- Ethylene Oxide: Sterilize according to validated parameters. Do not exceed 55°C (131°F). Allow ample aeration time in a well-ventilated area to dissipate the absorbed gas.
- Gas Plasma: Sterilize according to validated parameters.

High Level Disinfection:

- Pasteurization: Pasteurize at 70°C +/- 3°C (153°F - 163°F) for a minimum of 30 minutes.
- Chemical Disinfectants: **Recommended Chemical: 2-4% Activated Glutaraldehyde.** Disinfect according to validated parameters. Follow the chemical manufacturer's recommendation for temperature and soak time. Chemical disinfection should be followed by sterile water rinse. Exposure time should be based on the manufacturer's indication for use as a high-level disinfectant or sterilant.

Do not use alcohol or chemicals containing dimethyl ammonium chloride.

HOME USE

Wash parts in a mild liquid dish detergent. Products should be thoroughly scrubbed in order to remove all contaminants. Rinse well; ensure all remaining detergent is removed. Soak products for 20 minutes in a fresh vinegar solution that is 1 part vinegar and 3 parts distilled water.

EXAMPLE: ½ cup vinegar and 1½ cup distilled water. Thoroughly rinse parts with sterile water. Air-dry on a clean towel. Do not wipe or dry with towel.

F Product Specifications

	Model #	BE 142
	Type:	Reusable Magnetic PEEP Valve
	Inlet Port:	22mm I.D.
	Outlet Port:	22mm O.D.
	Materials:	Body: Polycarbonate Internal Valve: Silicone Rubber Connector: Silicone Rubber Knob: Polypropylene
	Color:	Blue, Amber
	Model #	BE 30-142
	Type:	Reusable Magnetic PEEP Valve
	Inlet:	30mm I.D.
	Outlet:	30mm O.D.
	Materials:	Body: Polycarbonate Internal Valve: Silicone Rubber Knob: Polypropylene
	Color:	Blue, Amber
Reusable Replacement Parts		
	Model #	BE 142-3 (Replacement for BE 142)
	Type:	Replacement Outlet Port
	Size:	22mm O.D.
	Materials:	Amber Polycarbonate
	Model #	BE 30-142-3 (Replacement for BE 30-142)
	Type:	Replacement Outlet Port
	Size:	30mm O.D.
	Materials:	Amber Polycarbonate
	Model #	BE 101-00-3443 (Replacement for BE 142)
	Type:	Replacement Silicone Rubber Connector
	Size:	22mm I.D. x 22mm I.D.
	Materials:	Silicone Rubber



Visit iiimedical.com/symbols.pdf for the Glossary of Symbols used in Instrumentation Industries, Inc. labeling.

Instrumentation Industries, Inc.

2990 Industrial Blvd. • Bethel Park, PA 15102

US Toll Free: 1-800-633-8577

Business: 1-412-854-1133

US Toll Free Fax: 1-877-633-8661

Fax: 1-412-854-5668

E-mail: sales@iiimedical.com

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Instrumentation Industries, Inc.

Since 1967

Adjustable Magnetic PEEP Valves

Installation & Usage Directions

BE 142
BE 30-142



Reusable

- Not made with Natural Rubber Latex
- Not made with Di(2-ethylhexyl) phthalate (DEHP)

Made in USA!



A Indications for Use

The reusable BE 142 and BE 30-142 Adjustable Magnetic PEEP Valves are designed for use with ventilators, anesthesia machines, resuscitators, and other systems where PEEP or CPAP is required. A threshold-like resistance is applied after active exhalation. The PEEP valve prevents exhalation pressure from dropping below a pre-determined value. Positive End Expiratory Pressure (PEEP) ranges are adjustable from 3 to 20 cm H₂O. Maximum PEEP can vary +/- 10%.

B Contraindications

None known.

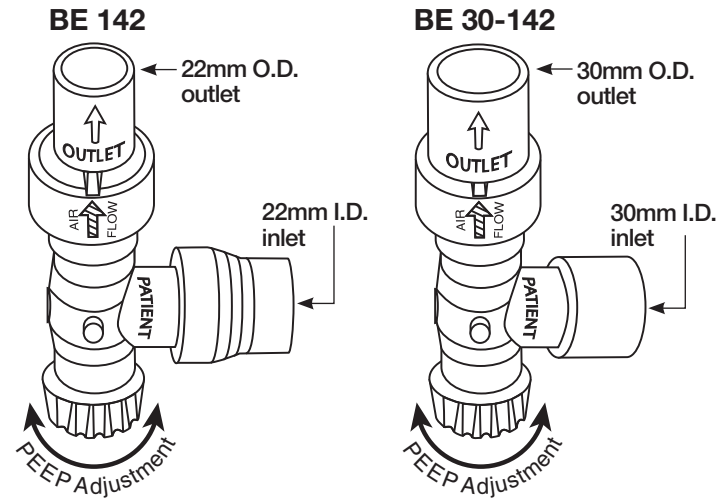
C Notes & Cautions

The BE 142 Series Magnetic PEEP (Positive End Expiratory Pressure) Valves prevent exhalation pressure from dropping below a pre-determined value. The magnet is set at an adjustable distance from a movable check valve. The magnetic field holds the check valve closed. During exhalation, pressure on the check valve exceeds the strength of the magnetic field and forces the valve open to allow exhalation. As pressure drops at the end of exhalation, the valve closes again. This maintains the end expiratory pressure at the PEEP setting.

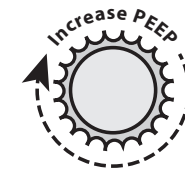
CAUTION:
These are uni-directional PEEP Valves. Flow direction must be consistent with the expiratory flow.

- PEEP adjustments range from 3 to 20 cm H₂O pressure. (Maximum PEEP can vary ± 2 cm H₂O per device.)
- The PEEP Valves are effective regardless of valve orientation, but PEEP levels may vary if the valve orientation changes. **PEEP must be monitored during use.**
- If patient secretions significantly accumulate inside of the PEEP Valve, performance may be affected. Clean the PEEP Valve as needed.
- Designed for use with ventilators, anesthesia machines, resuscitators, and other systems where PEEP or CPAP is required.
- Tidal volume may be monitored by connecting a V_T monitor to outlet port.
- Lightweight, transparent plastic allows visual inspection of function.

D Directions for Use



PEEP Adjustment — (Both models) Bottom View



1. To Increase PEEP

Turn Bottom Dial Clockwise to increase PEEP to desired Level



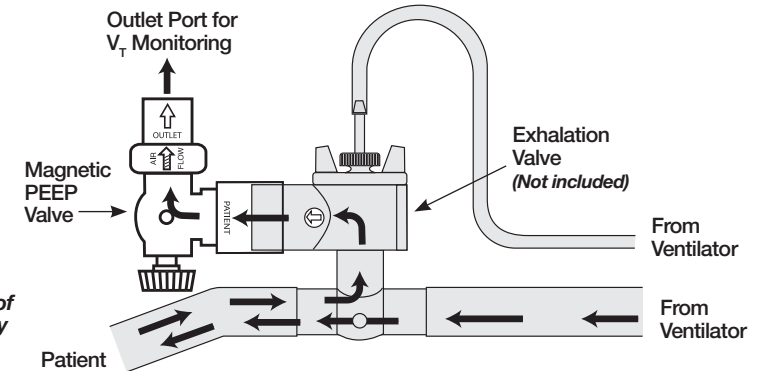
2. To Decrease PEEP

Turn Bottom Dial Counter-Clockwise to decrease PEEP to desired Level

BE 142 Series Magnetic PEEP Valve When used with a Ventilator

CAUTION:
These are uni-directional PEEP Valves. Flow direction must be consistent with the expiratory flow.

The PEEP Valves are effective regardless of valve orientation, but PEEP levels may vary if the valve orientation changes. **PEEP must be monitored during use.**



BE 142 Series Magnetic PEEP Valve When used with a Bag/Mask

CAUTION:
These are uni-directional PEEP Valves. Flow direction must be consistent with the expiratory flow.

The PEEP Valves are effective regardless of valve orientation, but PEEP levels may vary if the valve orientation changes. **PEEP must be monitored during use.**

