

B 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).

Sterilization and High-Level Disinfection Recommendations:

Steam Autoclave (FOR SILICONE RUBBER PARTS ONLY): Do not exceed 275°F.

Pasteurization: Pasteurize at 150°F-170°F (65°C-77°C) for no less than 30 minutes.

Gamma Radiation: Irradiate according to validated parameters. Some discoloration may occur.

Ethylene Oxide: Sterilize and aerate according to validated parameters. Do not exceed 130°F (55°C).

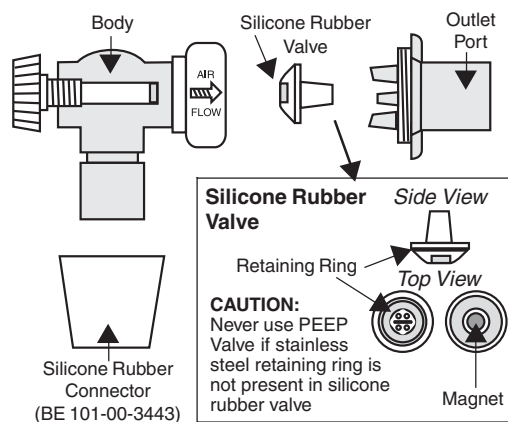
Chemical Disinfectants: Disinfect according to validated parameters. Do not use alcohol or solutions greater than 4% glutaraldehyde. Always rinse thoroughly with sterile water.

Gas Plasma: Sterilize according to validated parameters.

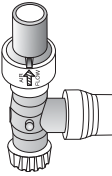
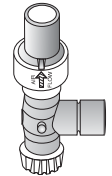
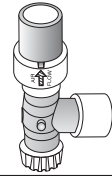



HOME USE

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

(EXAMPLE: ½ cup vinegar and 1 ½ cup distilled water)
Thoroughly rinse parts with distilled water. Air-dry on a clean towel. (Do not wipe or dry with towel)



C Product Specifications

	Model #	BE 142
	Type	Reusable Magnetic PEEP (Positive End Expiratory Pressure) Valve
	Inlet	22mm I.D.
	Outlet	22mm O.D.
	Materials	Polycarbonate, Silicone Rubber
Color	Blue, Amber	
	Model #	BE 142-A
	Type	Reusable Magnetic PEEP (Positive End Expiratory Pressure) Valve
	Inlet	22mm O.D.
	Outlet	22mm I.D.
	Materials	Polycarbonate, Silicone Rubber
Color	Blue	
	Model #	BE 30-142
	Type	Reusable Magnetic PEEP (Positive End Expiratory Pressure) Valve
	Inlet	30mm I.D.
	Outlet	30mm O.D.
	Materials	Polycarbonate, Silicone Rubber
Color	Blue, Amber	
Reusable Replacement Ports		
	Model #	BE 142-3 (Replacement for BE 142)
	Type	Replacement Port
	Size	22mm O.D.
	Materials	Amber Polycarbonate
	Model #	BE 142-3A (Replacement for BE 142-A)
	Type	Replacement Port
	Size	22mm I.D.
	Materials	Blue Polycarbonate
	Model #	BE 30-142-3 (Replacement for BE 30-142)
	Type	Replacement Port
	Size	30mm O.D.
	Materials	Amber Polycarbonate

Outlet ports are interchangeable between all Instrumentation Industries, Inc. Reusable Magnetic PEEP Valves. To maintain optimal performance, DO NOT interchange silicone rubber valve and/or magnet stems between devices. If the silicone valve or magnet stem is lost or broken, call Customer Service and we will arrange for your device to be rebuilt.

Replacement Silicone Rubber Connectors for BE 142 can be ordered from our Customer Service: Part # BE 101-00-3443.



Instrumentation Industries, Inc.

We Make Respiratory Care Work!

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ECO 1024 Rev I



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Directions for Use

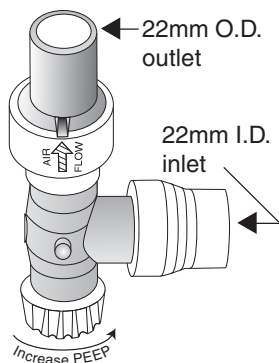
Reusable Adjustable Magnetic PEEP Valves
(Positive End Expiratory Pressure)

BE 142
BE 142-A
BE 30-142

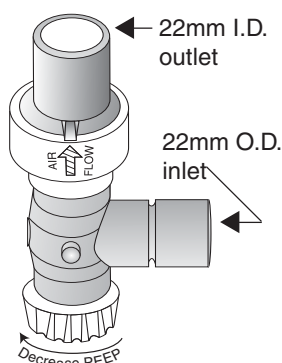


A BE 142 Series Magnetic PEEP Valve Directions for Use

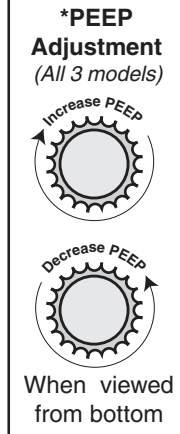
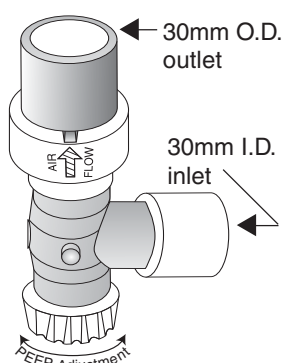
BE 142



BE 142-A



BE 30-142



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.

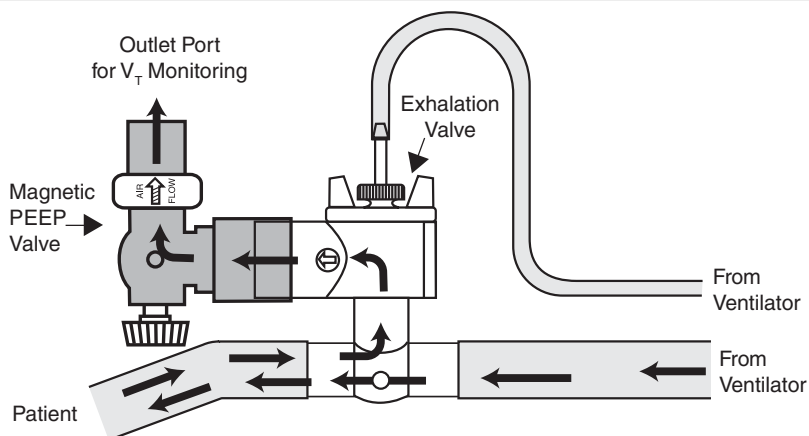
- PEEP adjustments range from 3 to 20cm H₂O pressure. (Maximum PEEP can vary ± 2cm H₂O per device.)
- PEEP Valve is effective regardless of position.

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.

PEEP pressure may vary according to position.

PEEP pressure must be monitored during use.



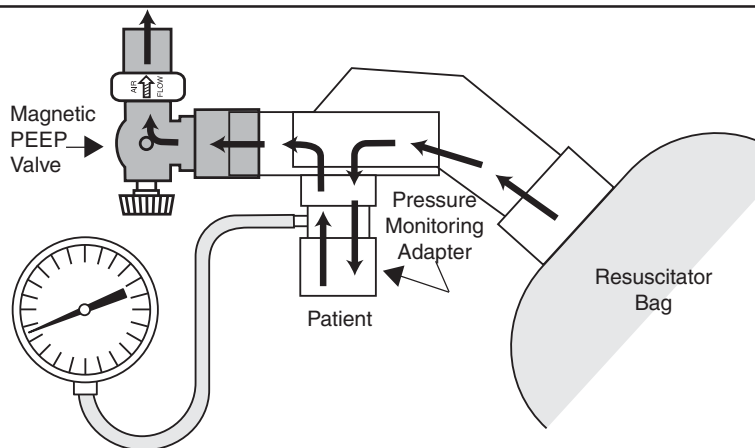
CAUTION: These are uni-directional PEEP Valves. Flow direction must be consistent with the expiratory flow. PEEP pressure may vary according to position. PEEP pressure must be monitored during use.

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.

PEEP pressure may vary according to position.

PEEP pressure must be monitored during use.



- 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.

CAUTION!
Federal Law Restricts this Device to Sale by or on the Order of a Physician