

# MOISTURE BLOC™

Blocks moisture completely

by Beach

## Beach MoistureBloc™ Compressed Air Filter

*Especially designed for welding and paint industries and any application where moisture-free air is critical.*

### Key features:

- Absolutely *no moisture* gets through
- Patented filter element blinds when saturated
- Quick switch to new filter with MoistureBloc™ Tandem
- Fast element change requires no tools

### Benefits:

- Eliminates costly downtime and rework from moisture defects in all applications
- Saves on plasma cutter consumables
- Improves cutting arc stability

### How it works:

As the patented filter element becomes contaminated with moisture, filter molecules expand to block moisture from the air stream. When fully contaminated with moisture, expansion completely blocks airflow to prevent damage to tools and defects downstream. With the MoistureBloc™ Tandem, simply switch filters and change the contaminated element in the plugged filter when convenient. Change takes two minutes and requires no tools.

\* Up is open-pressurized

\* Down is closed-depressurized



## MoistureBloc™ Tandem MB-9205



# Installation

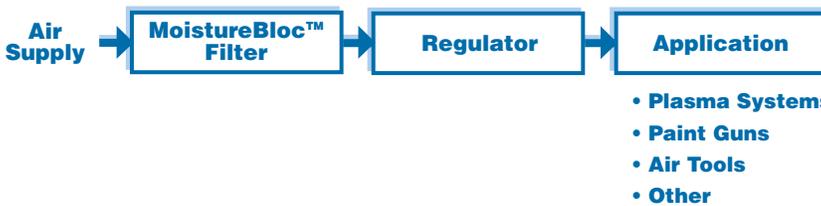
1. Install the MoistureBloc™ filter kit or tandem unit with the outlet as close as possible to application.
2. Position the filter so the air flows in direction indicated by the arrow.
3. Do not exceed 125 psig input line pressure.

# Maintenance

1. Inspect and replace (if required) the filter element every 30 days to ensure maximum performance.
2. If air flow decreases, the filter element cartridge should be replaced.
3. To replace element: Use safety gloves and eye protection, shut off air supply, bleed off air pressure, unscrew housing, remove and replace element, ensure housing is dry and o-ring is seated, screw housing back together, pressurize, check for leaks.
4. If filter leaks between housing and cover, the “o-ring” should be inspected and replaced if necessary.

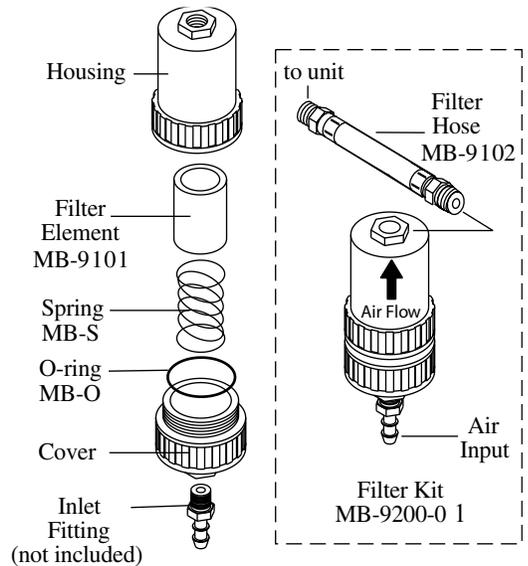
**Note:** If excessive moisture is continuously present in airline, the filter element cartridge will quickly become saturated. A prefilter should be installed “upstream” of the filter. See [www.beachfilters.com](http://www.beachfilters.com) for product options.

# Installation Diagram



SPECIFICATIONS	
<b>General Data</b>	
Blocks particulates and oil down to	.85 microns
Pipe Size.....	¼" NPT
Max. operating temperature.....	150 F (66 °C)
Max. operating pressure.....	125 psig (8.6 bar)
scfm.....	25 continuous(708l / m)
Length.....	3.5in 87 mm
Initial pressure differential (Dry) ...	1.5-2.0psi
Initial pressure differential (Wet) ...	2.0psi
Unit Materials.....	Nylon
Filter Materials.....	Polypropylene

## Exploded View Diagram



With over 60 years of service and quality, Beach Filters Products, Inc. offers a full line of point-of-use desiccant compressed air filters, hygroscopic reservoir/tank breather filters, the MoistureBloc™ moisture-free filter, and Sta-Dri® desiccant moisture control products. Call or see us at [www.beachfilters.com](http://www.beachfilters.com).

