



# Miniature Point-Of-Use Filters

## PRODUCT FEATURES / BENEFITS

- ◆ Compact Footprint
- ◆ 1/8" and 1/4" NPT Ports
- ◆ Economical, 100% Machined Anodized Aluminum Construction
- ◆ Remove 99.99% of Oil, Water, & Solids From Compressed Air & Other Gases
- ◆ Transparent Polycarbonate Bowl Option
- ◆ Great Point-Of-Use Protection
- ◆ Ideal for Portable Air Systems
- ◆ Instrumentation Filter

Protect your instrumentation and sensitive equipment from water, oil, and dirt with our high-efficiency, point-of-use miniature filters. Designed to remove contaminants with up to 99.99% efficiency at 0.01 micron, these filters provide reliable final-stage protection for instruments and valves. Their high performance, compact design, and low cost make them an ideal solution for demanding applications.



Housing Model	300	305	300A	305A	310	315	310A	315A
Port Size (NPT)	1/8"	1/4"	1/8"	1/4"	1/8"	1/4"	1/8"	1/4"
Drain Type (NPT)	No Drain	No Drain	No Drain	No Drain	Twist	Twist	Petcock	Petcock
Maximum Pressure (psig)	150	150	500	500	150	150	500	500
Internal Volume (cc)	40	40	50	50	40	40	50	50
Weight of Housing (lbs)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Principle Dimensions: (inches)								
Center Of Port To Head	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
Head Diameter	1.57	1.57	1.57	1.57	1.57	1.57	1.57	1.57
Overall Length	3.75	3.75	4.06	4.06	4.25	4.25	4.65	4.65
Element Removal Clearance	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
Maximum Temp. (120°F / 240°F*) Standard Buna-N O-Ring	BN315	BN315	BN315	BN315	BN315	BN315	BN315	BN315
Filter Element Codes: Coalescing Element (Standard-Included) <b>*Other Elements Available- View Drawing</b>	12-32-70C	12-32-70C	12-32-70C	12-32-70C	12-32-70C	12-32-70C	12-32-70C	12-32-70C
<b>Drawing</b> **For More Detail & Options**	<b>300</b>	<b>305</b>	<b>300A</b>	<b>305A</b>	<b>310</b>	<b>315</b>	<b>310A</b>	<b>315A</b>

**Notes:** (\*) Maximum Temperature is 120°F for Polycarbonate and 240°F for Aluminum Bowls  
 (●) Primary Filter For Optimal Use

# Miniature Point-Of-Use Filters – Long Bowl Option

## PRODUCT FEATURES / BENEFITS

- ◆ Economical, 100% Machined Anodized Aluminum Construction
- ◆ Remove 99.99% of Oil, Water, & Solids From Compressed Air & Other Gases
- ◆ High Flow Point-Of-Use Filter
- ◆ Extra Liquid Reservoir
- ◆ Point-Of-Use Filter
- ◆ Remote Air System – Long Life
- ◆ High Volume Air System
- ◆ Purge Valve Protection

For point-of-use applications requiring increased flow capacity, our “L” versions of the miniature filters accommodate a 12-57 filter element (2.25” long versus the standard 1.25”). This added capacity is especially beneficial in heavily contaminated systems, as it maintains high filtration efficiency and fast drainage while preserving a compact footprint.

Our “L” **long-bowl coalescing filters** deliver high-efficiency protection in a compact housing by utilizing the extended filter element.



Housing Model	300L	305L	300AL	305AL	310L	315L	310AL	315AL
Port Size (NPT)	1/8"	1/4"	1/8"	1/4"	1/8"	1/4"	1/8"	1/4"
Drain Type (NPT)	No Drain	No Drain	No Drain	No Drain	Twist	Twist	Petcock	Petcock
Maximum Pressure (psig)	150	150	500	500	150	150	500	500
Internal Volume (cc)	53	53	45	45	45	45	45	45
Weight of Housing (lbs)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Principle Dimensions: (inches)								
Center Of Port To Head	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
Head Diameter	1.57	1.57	1.57	1.57	1.57	1.57	1.57	1.57
Overall Length	4.41	4.41	4.06	4.06	4.88	4.88	4.65	4.65
Element Removal Clearance	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01
Maximum Temp. (120°F / 240°F*) Standard Buna-N O-Ring	BN315	BN315	BN315	BN315	BN315	BN315	BN315	BN315
Filter Element Codes: Coalescing Element (Standard-Included) <b>*Other Elements Available- View Drawing</b>	12-57-70C	12-57-70C	12-57-70C	12-57-70C	12-57-70C	12-57-70C	12-57-70C	12-57-70C
<b>Drawing</b> **For More Detail & Options**	<b><u>300L</u></b>	<b><u>305L</u></b>	<b><u>300AL</u></b>	<b><u>305AL</u></b>	<b><u>310L</u></b>	<b><u>315L</u></b>	<b><u>310AL</u></b>	<b><u>315AL</u></b>

**Notes:** (\*) Maximum Temperature is 120°F for Polycarbonate and 240°F for Aluminum Bowls  
 (●) Primary Filter For Optimal Use