



**Amflow®**

**A & H Enterprises, Inc.**

11812 NE 116th Street  
Kirkland, WA 98034 USA

TEL: +425.883.4040  
FAX: +425.823.1962

www.amflow.com

EMAIL: ah@amflow.com

## TECHNICAL DATA SHEET

### **Amflow®** **LPI FILTER**



**Part Number: 00002470-0501**

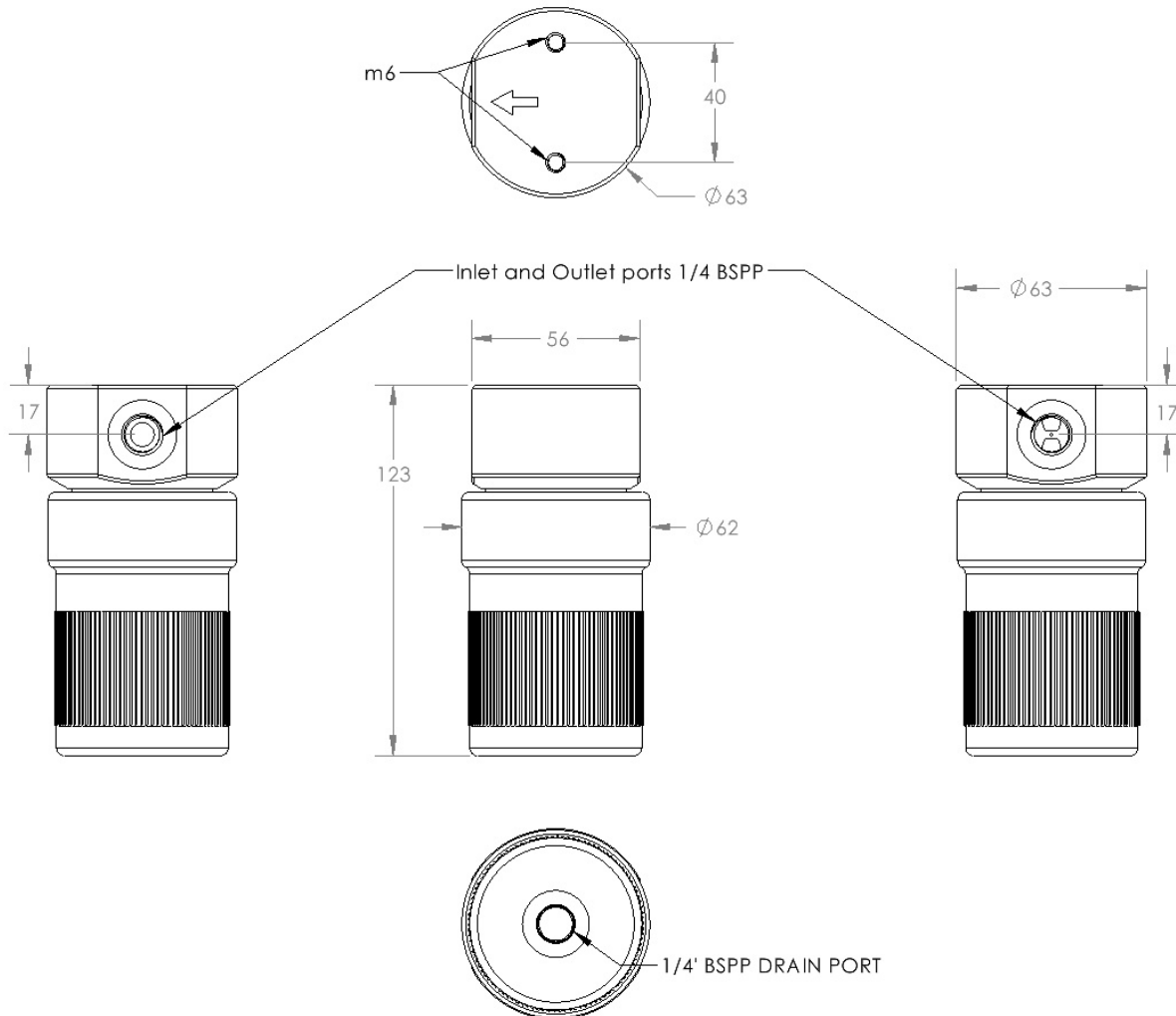
(\*Reference Ordering Guide on Page 5 for part number options)

#### **Standards:**

Raw material test reports, post processes & chemical processes, will be maintained on file with **Amflow®** for a period of not less than TEN years.

<b>ATEX DIRECTIVE 2014/34/EU</b>	
<b>CE 0891 Ex II 2G Ex h T6</b>	
<b>PED 2014/68 EU</b>	<b>SEP CATEGORY II MODULES A, D1 &amp; E1</b>

**Amflow®** reserves the right to amend or change specifications without prior notice.



STANDARD 1/4" BSPP PORT LOCATION & CONFIGURATION  
YOUR PORT SIZE MAY DIFFER FROM THOSE SHOWN HERE



1. FLOW RATES		
1.01 Filter Housing - No Element	1,000 LPH	
1.02 Maximum operating pressure	350 bar (5,075 PSI)	
1.03 Hydrostatic pressure test	525 bar (7,600 PSI)	
2. TEMPERATURES		
	Minimum	Maximum
2.01 Ambient operating temperature	-15°C (5°F)	232°C (450°F)
3. PORT CONFIGURATION		
	Inlet & Outlet Ports	Drain Port
3.01 Standard ports positioned as shown on GA drawing	1/4" FBSPP	1/4" FBSPP
3.02 Optional ports – Special order	1/4" FNPT, 3/8" FBSPP & 3/8" FNPT	1/4" FNPT, 3/8" FBSPP & 3/8" FNPT
4. FILTER HOUSING VOLUME		
	Metric	Imperial
4.01	0.095 liters	3.21 oz
5. ELEMENT FILTERATION AREA		
	Metric	Imperial
5.01	88.06 cm <sup>2</sup>	13.65 sq. inch
6. NOISE		
	Decibels	
6.01	Less than 70 dB	
7. CONSTRUCTION MATERIALS		
	Standard Materials	Special Order Materials
7.01 Pressure vessel & External parts	316 SS	Contact <b>Amflow</b> ®
7.02 Internal element	Pleated 316 SS Metal Fiber Felt	Sintered Titanium
7.03 Wetted seals	FFKM	Contact <b>Amflow</b> ®
8. DIMENSIONS		
	Metric	Imperial
8.01 Height (overall)	123 mm	4.84 in.
8.02 Diameter	63 mm	2.44 in.
9 MOUNTING		
	Metric	
9.01 Mounting holes – 2 each	M6	
10. WEIGHT		
	Metric	Imperial
10.01	1.13 kg	2.5 lbs.



(Elements may be purchased separately):

1. FILTER ELEMENT	Outside to Inside	Flow-through with Back-Flush
1.01 Maximum Differential Pressure	35 bar (500 PSI)	10 bar (145 PSI)
2. DIMENSIONS	Metric	Imperial
2.01 Length (overall)	83.40 mm	3.28 in.
2.02 Diameter	31.75 mm	1.25 in.
2. FILTRATION AREA	Metric	Imperial
2.01 Filter Element	87.95 cm <sup>2</sup>	13.63 sq. inch
3. CONSTRUCTION MATERIALS	Standard	
3.01 Filter Element	Pleated 316 SS Metal Fiber Felt	
4. FILTER ELEMENT SIZES	Standard Sizes	
4.01 Available Sizes	5, 10, 20, 50, 100, 200 & 300 Micron	

To order Filter Elements ONLY		
Order #:		
5030-04-000-316S-001	5	Micron
5030-04-000-316S-002	10	Micron
5030-04-000-316S-003	20	Micron
5030-04-000-316S-005	50	Micron
5030-04-000-316S-007	100	Micron
5030-04-000-316S-008	200	Micron
5030-04-000-316S-009	300	Micron



**ORDERING GUIDE**

PRODUCT NO.	PRODUCT TYPE	CODE NO.	EXTERNAL PARTS MATERIAL	MATERIAL CODE NO.	WETTED SEALS	CODE NO.	FILTER ELEMENT STANDARD	CODE NO.	PORTS	CODE NO.						
00002470	FILTER	-0501	316L	-001	BASED ON CHEMICAL MSDS  STANDARD SEALS ARE FFKM	-02	5 MICRON	-001	1/4" FBSPP	-00						
							10 MICRON	-002								
							20 MICRON	-003								
													50 MICRON	-005		
													100 MICRON	-007	1/4" FNPT	-01
													200 MICRON	-008		
													300 MICRON	-009	3/8" FBSPP	-03
												3/8" FNPT			-04	



<b>00002470</b>	<b>-0501</b>	<b>-001</b>	<b>-02</b>	<b>-005</b>	<b>-00</b>
-----------------	--------------	-------------	------------	-------------	------------

**EXAMPLE**

**TO ORDER:**

LPI Filter in 316L with FFKM Seals, 50 Micron Element and 1/4" FBSPP Ports

**YOU WOULD ORDER #:**

**00002470 – 0501 – 001 – 02 – 005 – 00**



**Amflow® A&H Enterprises Inc.**  
**World Headquarters**

11812 NE 116<sup>th</sup> St.  
Kirkland Washington U.S.A.  
98034

Tel: +1.425.883.4040  
Fax: +1.425.823.1962  
E-Mail: ah@amflow.com

**Amflow Norge As**  
**Representing:**

**Norway, Denmark, Germany, Italy, Sweden, Middle East, United Kingdom & The Netherlands**

Prinsens Vei 12  
4315 Sandnes  
Norway

Tel: +47.922.19.656  
Fax: +47.520.00.591

**Amflow Controls Asia SDN. BHD.**

**Representing:**  
**Malaysia, India, Indonesia, Singapore, Thailand & Vietnam**

No. 9 Jalan 11/12 46200 Petaling Jaya  
Selangor, Malaysia

Tel: +60.12.3323.118  
E-Mail: amflowcontrols@gmail.com

**Sudiflow Integrated Services, LTD.**

**Representing:**  
**Nigeria, Angola, Benin, Cameroon, Equatorial Guinea, Gabon, Ghana & Togo**

25 Elemenwo Road  
Port Harcourt  
Nigeria

Tel: +234.803.309.1405  
E-Mail: sudiflow@yahoo.com

