



Amflow®

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TECHNICAL DATA SHEET

AMFLOW® **LPI-2 FILTER/STRAINER**



Part Number: 00003300-0501

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

Standards:

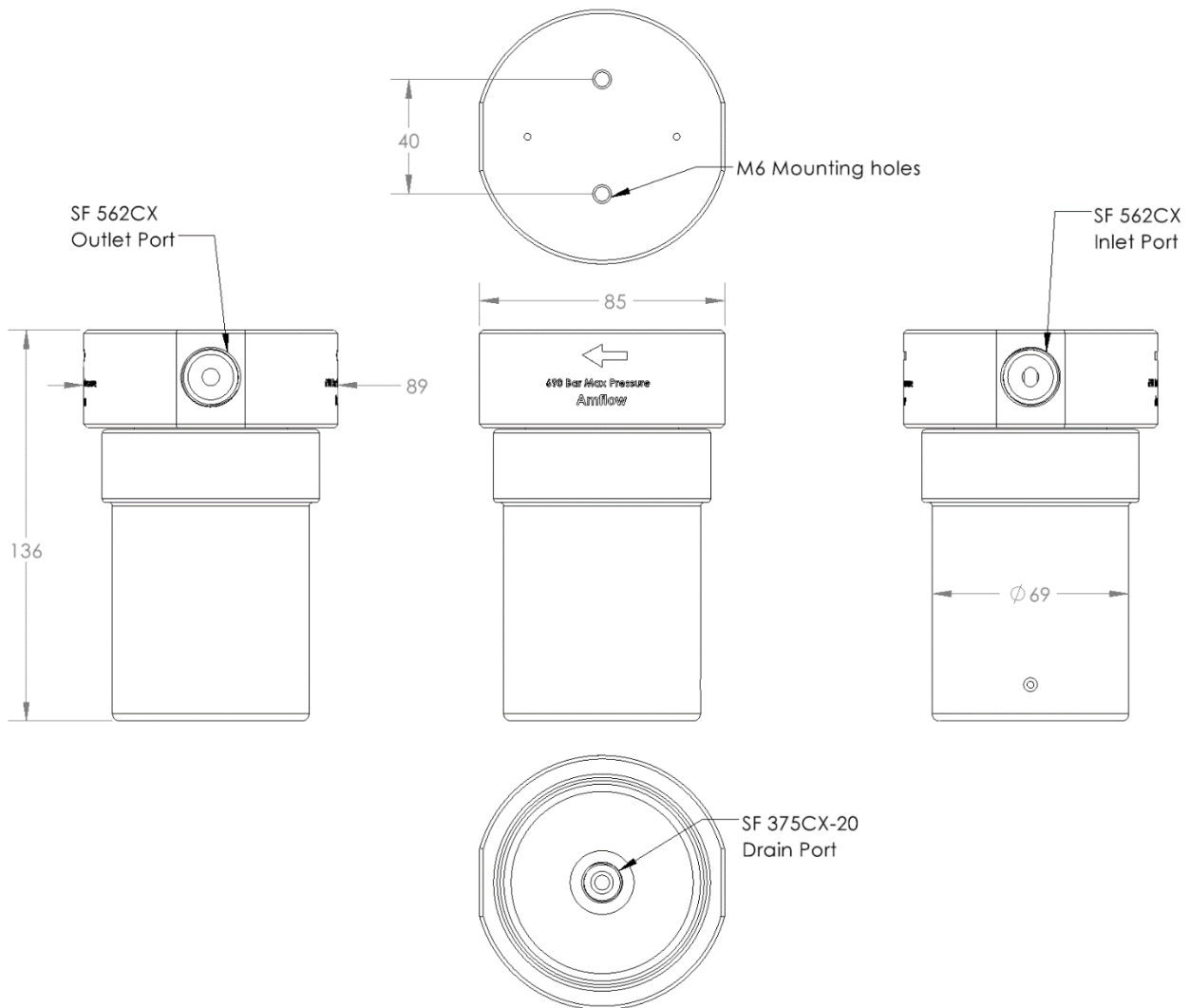
Raw material test reports, post processes & chemical processes, will be maintained on file with **Amflow®** for a period of not less than TEN years.

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

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



GA DRAWING



STANDARD SF562CX MEDIUM PRESSURE INLET & OUTLET PORT LOCATIONS & 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	690 bar (10,000 PSI)	
1.03 Hydrostatic pressure test	1,034 bar (15,000 PSI)	
2. TEMPERATURES	Minimum	Maximum
2.01 Ambient operating temperature range	-15°C (5°F)	232°C (450°F)
3. PORT CONFIGURATION	Inlet & Outlet Ports	Vent & Drain Port
3.01 Standard ports positioned as shown on GA drawing	SF562CX MEDIUM PRESSURE	SF375CX-20 MEDIUM PRESSURE
3.02 Optional ports – Special order	1/2" FNPT & 1/2" FBSPP	1/4" FNPT & 1/4" FBSPP
4. FILTER HOUSING VOLUME	Metric	Imperial
4.01	0.09 Liters	3.13 oz.
5. ELEMENT FILTRATION AREA	Metric	Imperial
5.01	280 mm ²	11 In ²
6. NOISE	Decibels	
6.01	Less than 70 dB	
7. CONSTRUCTION MATERIALS	Standard Materials	Special Order Materials
7.01 Pressure vessel & external parts	316/316L	Duplex 2205, Super Duplex 2507 & Titanium
7.02 Internal element	Pleated 316 SS Metal Fiber Felt	Sintered Titanium
7.03 Wetted seals	FFKM	Contact Amflow®
8. DIMENSIONS	Metric	Imperial
8.01 Height (overall)	136 mm	5.35 in.
8.02 Diameter	89 mm	3.5 in.
9. MOUNTING	Metric	
9.01 Mounting holes – 2 each	M6	
10. WEIGHT	Metric	Imperial
10.01	4.08 kg	9 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 ²	13.63 sq. inch
3. CONSTRUCTION MATERIALS	Standard	
3.01 Filter Element	Pleated 316 SS Metal Fiber Felt	
4. FILTER ELEMENT SIZES	Standard Sizes	Optional Sizes
4.01 Available Sizes	5, 10, 20, 50, 100, 200 & 300 Micron	Contact Amflow®

To order Filter Elements ONLY		
Order #:		
5030-04-000-316S-001	5	Micron
5030-04-000-316S-002	10	Micron
5030-04-000-31S6-003	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	PRODUCT CODE NO.	EXTERNAL PARTS MATERIAL	MATERIAL CODE NO.	WETTED SEALS	SEALS CODE NO.	FILTER ELEMENTS	CODE NO.	ELEMENT FUNCTION TYPE	ELEMENT FUNCTION CODE NO.	INLET OUTLET PORTS	INLET OUTLET PORTS CODE	DRAIN VENT PORT	DRAIN VENT PORT CODE		
00003300	FILTER STRAINER	-0501	316L	-001	FFKM	-02	5 MICRON	-001	TO BE USED AS A DOWNSTREAM FILTER	-00	SF562CX	-07	SF375CX-20	-06		
			TITANIUM	-002			10 MICRON	-002								
							20 MICRON	-003								
							50 MICRON	-005								
			SUPER DUPLEX 2507	-004			FFKM	-02	100 MICRON	-007	TO BE USED AS A SUCTION SIDE UPSTREAM STRAINER	-01	1/2" FNPT	-03	1/4" FNPT	-01
									200 MICRON	-008						
									300 MICRON	-009						

00003300	-0501	-001	-02	-001	-00	-005	-001
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EXAMPLE

TO ORDER:

LPI-2 Filter/Strainer to be used as filter.
MOC: 316L
Wetted Seals: FFKM
Element Micron Size: 50 Micron
Inlet & Outlet Ports: SF562CX
Drain & Vent Ports: SF375CX-20

YOU WOULD ORDER #:

00003300 - 0501 - 001 - 02 - 005 - 00 - 07 - 06



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