



Technical Certificate

DEMI FILTER[®] XL & RM

- High efficiency (90 – 95%)
- High dust holding capacity
- Temperature limits: up to 150°C intermittent, 120°C continuous
- Economical in use
- Frame: Galvanized Steel



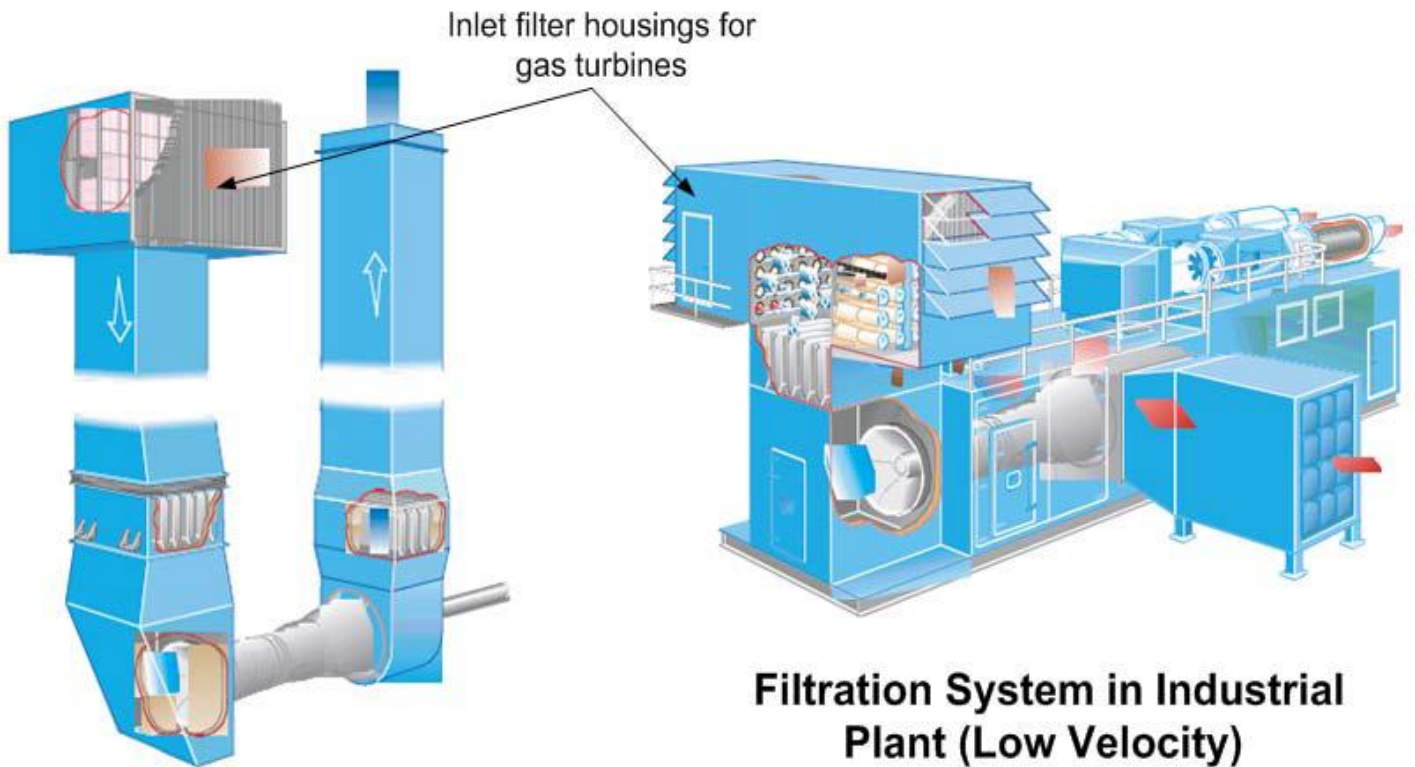
Technical Data

Model Number	SL-60	SL-90	DA -60	DA -90
Cell size (inch)	24x24x12	24x24x12	24x24x12	24x24x12
Actual size (mm)	592x592x292	592x592x292	594x594x292	594x594x292
Airflow (m ³ /h) Initial	3400	3400	3400	3400
resistance (Pa)	122	157	135	180
Recommended final resistance (Pa)	635	635	635	635
Average atmospheric dust spot efficiency (%)	69	91	66	88
Average arrestance by weight on AC Fine Test Dust %	98,2	99,95	98	99
Prim ary pressure (WG)	0.2	0.908	0.6	0.6
Final pressure : (WG)	00.6	1.2	0.5	0.7
Cell sides	1.8	2.2	0.9	2.5
Separators	✓	✓	✓	✓
Gasket	✓	✓	✓	✓
	☒	☒	✓	✓

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Specification

Maximum operating temperature	: 150°C
Air Flow rate	: 2000 CFM
Media	: High efficiency, Micro glass fiber
Cell sides	: Galvanized steel
Header	: Extruded aluminium
Separators	: Corrugated aluminium
Faceguards	: Galvanized expanded steel
Options	: Gasket on air entry or air leaving side



Filtration System on Marine Vessel (High Velocity)

HIGH QUALITY FILTERS

HIGH EFFICIENCY
LOW PRESSURE DROP
LONG SERVICE LIFE

DEMINAS Ltd. UK email : sales@deminasseal.com



- **Glass fibre pad with progressive density (PRE – STANDERS FILTER – 2 STAGE)**
- **Strong resilient design**
- **Impregnated with gel-like adhesive**
- **High dust holding capacity**
- **Disposable**

Rated face velocity (m/s)

2.5 Initial Resistance (Pa) 75

Frame Dimensions

(for 24 x 24 size pad)

A (see drawing): 597 mm

B (see drawing): 597 mm

Standard Pad Dimensions

Nominal (inches) Actual (mm)

16 x 20 x 4 413 x 514 x 95

16 x 25 x 4 413 x 641 x 95

20 x 20 x 4 514 x 514 x 95

20 x 25 x 4 514 x 641 x 95

24 x 24 x 4 616 x 616 x 95



DEMINAS

COLLECTOR FILTERS (DEMI FILTER CONICAL & CYLINDERIAL FILTERS)



The Filter [Store offers](#) a [complete line](#) of dust collection filter cartridges to meet all of your filtration requirements.

We have filter cartridges in all of the major [media types](#), such as:

- 80/20 Blended Cellulose Polyester
- Spun bond Polyester Blend
- Spun bond Fire Rated
- PTFE
- Fiberglass

- SYANTHIC FIBER 100 %


- **DIMENSIONS :**
- **Cylindrical : (600 or more – depend customer)**
- **Conical : large end (400 or more – depend customer)**
- **Media area : 43.6 m² or more**
- **All body : SS or Galvanized steel**
- **Top and cap : calvanized steel And outer and inner : Calvanized steel**
- **Inner and outer spiral anti – compression ring**
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Material (standard)	Material (alternative)	
Top cap	Galvanized steel	Stainless steel, powder coated, incinerable/recyclable plastic ABS
Gasket	EPDM	
Inner mesh	Galvanized steel	Stainless steel, powder coated, incinerable /recyclable PP Spiro or galvanized helix
Outer mesh	Galvanized steel with hot melt glue	Stainless steel, powder coated, incinerable /recyclable plastic ABS
Bottom cap, Open/Closed	Galvanized steel	Stainless steel, powder coated, incinerable/recyclable plastic ABS
Filter media	Can be equipped with deminas filter media selection	

Dimensions & alternative material: contact sales@deminasseal.com

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