

QUALITY

Microfilt offers a wide choice of high quality engineered housings & equipments with precise construction for general use & critical applications. At Microfilt, quality is integral part of the entire manufacturing process and not as afterthought. We believe that "Quality in a service or product is not what you put into it. It is what the client or customer gets out of it."

ENGINEERING

Microfilt Application Engineers, with wide exposure to your industry/sector, will help you to select the filtration system/process which is best suited for your requirements. Installation drawings for filter housings are available on request from our Technical Databank.

Once drawings are finalized & materials are chosen, engineering department works on production. During this phase, precision strict quality determines the capability and stability of the manufacturing equipment, as well as the final product.

SELECTION

Microfilt offers a selection of range of filter housings and equipments for variety of parameters

- Filter housings and equipments features a choice of sanitary/non-sanitary & industrial designs.
- Filter housings and equipments can accommodate variety of configuration of filter media as per application
- Filter housings and equipments comes with gaskets and O-rings compounded from FDA approved materials.
- For corrosive fluids wetted parts can be PP/PTFE/PVDF to avoid corrosion.

SOLID / LIQUID SEPARATION FILTRATION EQUIPMENTS

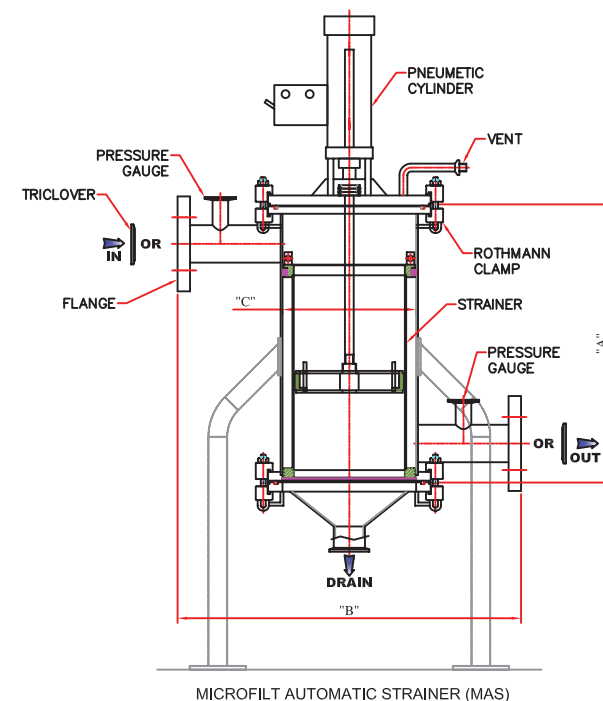


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MICROFIL AUTOMATED STRAINER (MAS™)

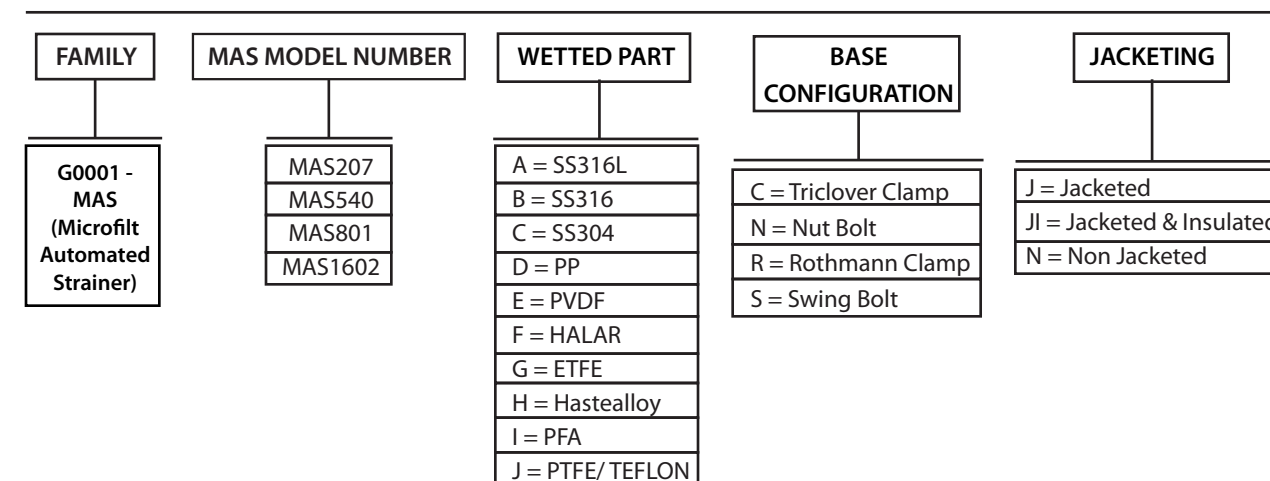
MICROFIL AUTOMATED STRAINER (MAS™) are offered in several configurations requiring filtration from more than 1000 microns to less than 20 for liquids is very high in viscosity in excess of 1 lac C.P. MAS is mechanically cleaned-in-place filters, eliminates requirement of high area filter. It continuously cleans the filter surface and solids can be intermittently discharged from discharge point. When processing water and water like liquids where a low initial investment is demanded, the Standard Series delivers tremendous benefits. Available in 207, 540, 801, and 1602 models, the Standard Series enables operation at a vast range of flow Rates and retentions. MAS filters are ideal for continuous flow (and therefore batch) applications. Range of filter media and Micron rating of filter media variation depends on type of application.



	MAS 207	MAS 405	MAS 801	MAS 1602
Total Hold Up Approx (litres)	0.5	5 L	15 L	40 L
Discharge cone capacity (litres) Approx	<0.1	<0.2	0.7	6
Area (m ²)	0.013	0.08	0.18	0.4
Flow Rate Range at 75 micron	-	0.5 – 7 m ³ /hr	2-4 m ³ /hr	7-40 m ³ /hr

PART NO.	"A" (IN MM)	"B" (IN MM)	"C" (IN MM) ID	CONNECTION				BOX SIZE IN INCH (LxWxH)
				INLET OUTLET	PRESSURE GAUGE	VENT	DRAIN	
G0001-MAS207BR	85	220	102	1"	1"	1.4"	0.8x0.8x1.5"	
G0001-MAS540BR	450	450	214	1"	1.5"	1/2"	1.5"	23x23x54
G0001-MAS801BR	450	550	146	2"	1.5"	1/2"	2"	27x27x58
G0001-MAS1602BR	830	600	272	3"	1.5"	1/2"	2"	30x30x88

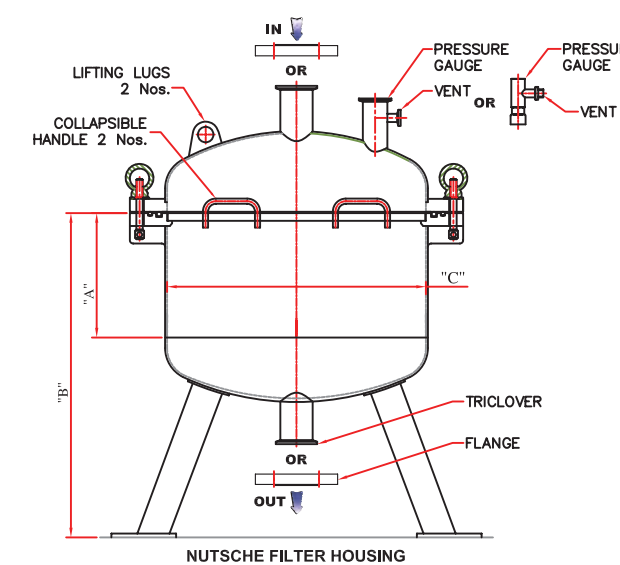
ORDERING GUIDE:



NUTSCHE FILTER

NUTSCHE FILTER are offered batch filtration technique that uses vacuum / pressure in a closed vessel is mostly used in chemical and pharmaceuticals industries. The system consists of closed vessels with variety of filter media. In this filter solid/liquid slurry is aided by pressurizing the vessels /applying the vacuum. Liquid is passed through the filter and solid is concentrated on filter media i.e. cake is retained on filter medium. Synthetic filter cloth, filter pad or the metallic filter is mostly use as filter media.

This filter is specially designed for solid liquid separation. We offer cleanable, non-fibre / particle releasing Sintered SS316L filter discs as a option. This is a major advantage in applications requiring filtration in API / fine chemical. Nutsche filters are designed to facilitate flexible discharge.



PART NO.	"A" (IN MM)	"B" (IN MM)	"C" (IN MM) ID	CONNECTION					HOLD UP VOLUME IN LIT.	BOX SIZE IN INCH (LxWxH)
				INLET OUTLET	PRESSURE GAUGE	VENT				
F0001-300PBS	200	545	300	1.5"	1.5"	1/4"	1.5"	1/4"	18	31x24x24
F0001-400PBS	250	670	400	1.5"	1.5"	1/4"	1.5"	1/4"	40	37x27x27
F0001-500PBS	250	680	500	2"	1.5"	1/2"	1.5"	1/2"	64	38x29x29
F0001-550PBS	250	695	550	2"	1.5"	1/2"	1.5"	1/2"	80	41x30x30
F0001-600PBS	250	705	600	2"	1.5"	1/2"	1.5"	1/2"	95	42x33x33
F0001-650PBS	250	715	650	2"	1.5"	1/2"	1.5"	1/2"	115	42x35x35
F0001-800PBS	300	800	800	2"	1.5"	1/2"	1.5"	1/2"	215	46x40x40
F0001-900PBS	350	870	900	2"	1.5"	1/2"	1.5"	1/2"	318	50x44x44
F0001-1000PBS	350	890	1000	2"	1.5"	1/2"	1.5"	1/2"	408	51x48x48

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