HYGENITEC™
FLOW CONTROL

SANITARY
STRAINERS

Sanitary Grade Performance.

- Improved flexibility and flow.
- Largest selection of strainers on the market.
- Flexible sizes to meet any application need.
- From high-volume transfer to viscous product flow.
- Pharmaceutical-grade quality with industrial-strength durability.
- Units available with or without sight glasses.
- Optional Viton or EPDM seals available.
- Polished 316L stainless-steel.
- Optional Hastelloy – contact us for availability.

UNIBLOC
Hygienic Technologies

PROTECT PRODUCT INTEGRITY
AND VALUABLE EQUIPMENT

Unibloc® Hygienic Technologies' Hygenitec™ sanitary strainers are precision engineered to pharmaceutical-grade standards. Built industrial-strength tough, Hygenitec strainers meet the most challenging application needs. Our strainers are proven to increase flow rates and lower the pressure drop in viscous product settings to improve the safety of your process. Fewer components than competitive strainers make Hygenitec units easier to clean, assemble, and disassemble.

Unibloc Hygienic Technologies offers customization so operators can choose between strainer size variations and mesh options to address unique or demanding processing needs. Furthermore, custom drain ports address any draining or sampling requirements. Customers may also choose between tempered glass or acrylic dual sight glass, custom connections, and material documentation.

Y & L STRAINERS

- **Inline cleanability**.
- **Bi-directional** flow.
- Durable **wedge wire or perforated inserts.**
- **Wide range of size options.**
- **High-capacity** models.
- Units available **with or without sight glasses.**

Hygenitec's Y-strainers feature an inline system, allowing operators to clean the strainer without removing it from the piping to ensure safety. Bi-directional flow and 360° equipment mounting are included for ease of use. Hygenitec's high-capacity series offer enhanced functionality, such as higher flow rates, compatibility with more viscous products, and minimal pressure drop.

Hygenitec's L-strainers offer the same dependable platform and cleanability as the Y-strainers with a 90° mounting configuration. Multiple capacity options are available in all line connection sizes.
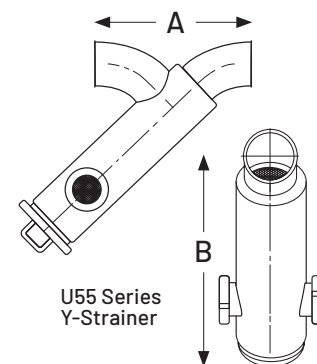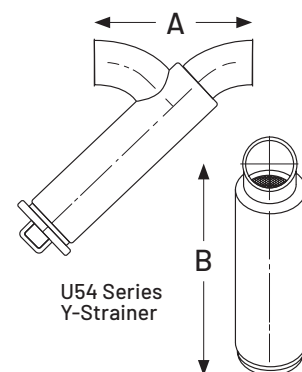
Y-STRAINERS

SPECIFICATIONS

PORT SIZE	Y-Strainer Dimensions A in (mm)	B in (mm)	C in (mm)	Screen Area sq inches (sq cm)	Available Models #U54Y w/o sight glass	#U55Y w/ sight glass	Available Material 316L	Hast C
0.75"	4.80 (122)	5.39 (163)		0.10 (93)	X		X	X
1.0"	5.20 (132)	6.50 (165)		0.10 (93)	X		X	X
1.5"	6.50 (165)	8.46 (215)	5.24 (133)	0.26 (242)	X	X	X	X
1.5" *	8.62 (219)	13.11 (333)	8.31 (211)	1.00 (929)	X	X	X	
2.0"	8.07 (205)	9.53 (242)	5.59 (142)	0.34 (317)	X	X	X	X
2.0" *	8.90 (226)	13.27 (337)	8.27 (210)	1.00 (929)	X	X	X	
2.5"	9.09 (231)	9.13 (232)	6.06 (154)	0.42 (390)	X	X	X	X
3.0"	11.42 (290)	10.31 (262)	7.09 (180)	0.50 (465)	X	X	X	
3.0" *	12.24 (311)	13.78 (350)	8.27 (210)	1.00 (929)	X	X	X	
4.0"	15.00 (381)	14.13 (359)	8.27 (210)	1.00 (929)	X	X	X	
4.0" *	15.00 (381)	23.27 (591)	9.29 (236)	2.25 (2090)	X	X	X	
6.0"	20.91 (531)	26.30 (668)	11.42 (290)	3.50 (3252)	X	X	X	

*High Capacity

U54 Series Y-Strainer

U55 Series Y-Strainer

L-STRAINERS

SPECIFICATIONS

| PORT SIZE	L-Strainer Dimensions A in (mm)	B in (mm)	C in (mm)	Screen Area sq feet (sq cm)	Available Models #U54L w/o sight glass	#U55L w/ sight glass	Available Material 316L	Hast C
1.5" – 4.0"	8.27 (210)	8.46 (215)	3.74 (95)	1.00 (929)	X	X	X	
	20.71 (526)	8.86 (225)	4.25 (108)	2.25 (2090)	X	X	X	
	32.48 (825)	8.86 (225)	5.24 (133)	5.00 (4645)	X	X	X	
6.0"	32.48 (825)	8.86 (225)	5.00 (127)	5.00 (4645)	X	X	X	
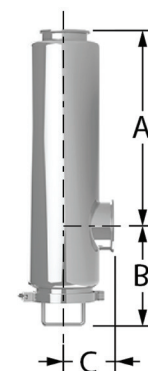
INLINE STRAINERS

- **Easy to clean and disassemble.**
- **No dead leg.**
- **Fewer parts.**

Our Inline strainers showcase simplicity with a clean design and direct flow. They easily support tight or narrow spaces. Zero dead leg and fewer parts promote ease in disassembly and cleaning.

SPECIFICATIONS

L-Strainer Dimensions			Screen Area sq feet (sq cm)	Available Models		Available Material	
A Port Size	**B** in (mm)	**C** in (mm)		**#U54I** w/o sight glass	**#U55I** w/ sight glass	**316L**	**Hast C**
1.0" – 4.0"	22.3 (567)	5.0 (127)	1.00 (929)	X		X	
				X		X	
				X		X	

∅C

B

A
(CLAMP SIZE)
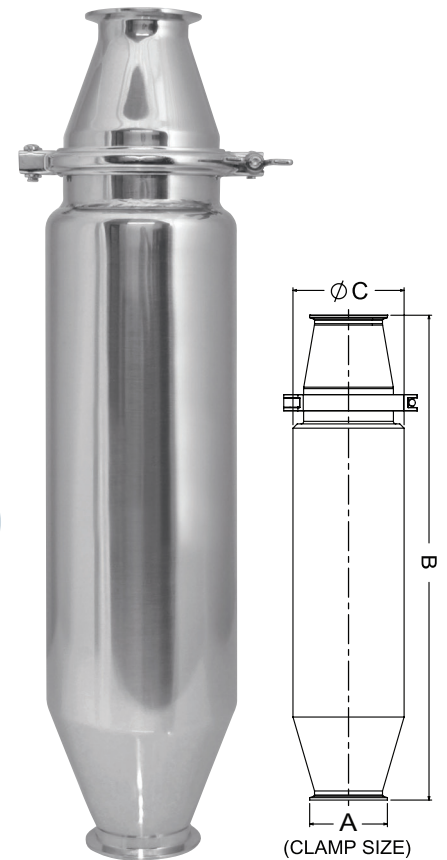
STRAINER INSERTS

SPECIFICATIONS

FILTER NUMBER	Insert Screen Style	Hole/Slot Size in (mm)	Micron Equivalent
4MP	Perforated	0.187 (4.750)	4760
8MP	Perforated	0.094 (2.388)	2380
10MP	Perforated	0.078 (1.981)	1980
20MP	Perforated	0.033 (0.838)	840
10MW	Wedgewire	0.079 (2.007)	2000
20MW	Wedgewire	0.033 (0.838)	841
40MW	Wedgewire	0.017 (0.432)	420
80MW	Wedgewire	0.007 (0.178)	177
100MW	Wedgewire	0.006 (0.152)	149
150MW	Wedgewire	0.004 (0.102)	100
200MW	Wedgewire	0.003 (0.076)	74

Unibloc Hygienic Technologies provides a broad portfolio of powerful solutions for companies around the world.

UNIBLOC Hygienic Technologies

UNIBLOC PUMPS

FLOTRONIC ONE-NUT™ PUMPS

HYGENITEC FLOW CONTROL

STANDARD PUMP