

'Top Hat' TYPE STRAINERS

Fabricated Construction

For RF, FF and RTJ ANSI Flanges

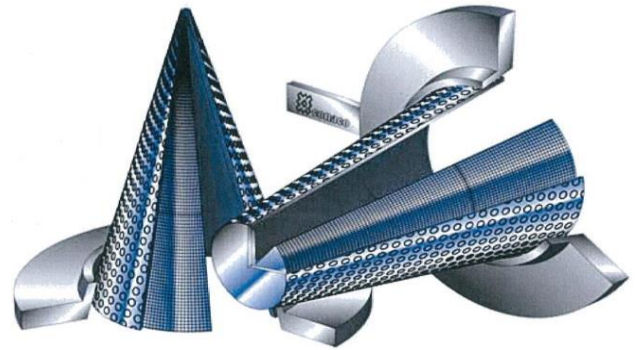
Sizes 1" to 24"

For almost twenty years CONACO™ strainers have been considered as the industry standard for the protection of valves, pumps, turbines and any other pipeline equipment requiring a contaminant-free operation.

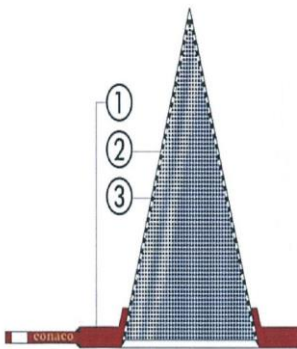
CONACO™ strainers have been chosen as the original equipment for the most exacting applications, from North Sea and Canadian offshore platforms, to desert water supply projects.

Features

- CONACO™ 'Top-Hat' type strainers are fabricated at the highest industrial standards from top quality material.
- The filtering element is manufactured from perforated plate or wire mesh (or both) in stainless steel or other resisting alloys to customers' requirements.
- The ring is machined to meet ANSI B16.5 requirements for the matching flanges' gaskets.
- Different shapes are available to meet pressure drop requirements.
- An exclusive proprietary software can calculate the pressure drop for any design condition and strainer configuration.
- Full traceability of all parts of all strainers ever produced.
- Quality System to ISO 9001.



Parts List and Standard Materials



1) Ring	2) Perf. Plate	3) Wire Mesh
ASTM A105	AISI 304	AISI 304
AISI 304	AISI 316	AISI 316
AISI 316	DUPLEX STEEL	MONEL
DUPLEX STEEL	6MO	HASTELLOY
6MO	MONEL	INCONEL
MONEL	HASTELLOY	
HASTELLOY	INCONEL	
INCONEL		

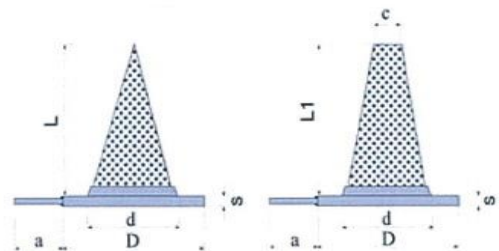
Other materials available

SIZE	D	d	C	s	L	L1	ANSI Rating		
							#150 lb	#300 lb	#600 lb
							A	A	A
1"	51	22	20	3	80	60	100	110	110
1 ¼"	64	30	20	3	90	70	100	110	110
1 ½"	73	35	20	3	100	80	100	110	110
2"	92	45	30	3	130	90	100	110	110
2 ½"	105	55	40	3	160	110	100	120	120
3"	127	72	55	3	200	140	100	120	120
4"	157	93	65	3	250	160	110	120	130
5"	185	118	80	3	300	180	120	120	140
6"	216	142	95	3	350	210	120	130	140
8"	270	190	120	3	450	270	120	130	150
10"	324	240	145	3	580	340	120	130	160
12"	381	295	155	5	700	440	130	140	160
14"	413	325	180	5	750	480	130	160	170
16"	470	375	210	5	850	550	130	160	180
18"	533	425	230	5	950	630	140	160	180
20"	584	475	260	5	1100	700	150	170	190
24"	692	575	310	5	1300	850	150	180	190

- Dimensions are approximate.
- Standard screen perforated plate 2mm thick with 3mm dia. holes.

Optional Special Features

- FACING : RTJ shaped ring.
- SCREEN : Double or triple layers (mesh on perforated plate, mesh on mesh).
- SHAPE : Special double-cone for very high flow rates.
- SIZES : To 48" and over.
- DIMENSIONS : Any custom dimension.



Installation

- Top-Hat strainers are usually installed between two line flanges; they are intended for temporary use only; when permanent strainers are required, we recommend to use 'Y' type, 'Tee' type or Basket type strainers.
- Strainers should be installed as close as possible to the machinery or valve to be protected.
- Flow direction may be inside-to-outside or the opposite. If a wire mesh lining is installed, this shall be the first to meet the flow; always specify the flow direction when ordering.

How To Order

Always specify: type – rating – facing – size – ring/screen material – filtering degree – flow direction.

Example: No. 1 Type 444- #300 – RF – 10" – A105/304 – 5mm + 100 mesh – inside-to-outside.

Ask our technical department for the correct sizing with the lowest pressure drop to your application.

Other Conaco Strainers

	Product	Data Sheet
150 to 2500 lb,	½" to 1 ½", type 777 'Y'	Strainers 700.9710
150, 300, 600 lb,	flanged cover, type 707 'Y'	Strainers 701.9710
900, 1500, 2500 lb,	flanged cover, type 707 'Y'	Strainers 702.9710
1500 & 2500 lb,	pressure seal, type 707 'Y'	Strainers 703.9710
800 lb	forged, type 767 'Y'	Strainers 704.9710
	Type 407 'Tee'	Strainers 407.9710
	150, 300, 600 lb cast, Type 507 'Basket'	Strainers 507.0309

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