

'Top Hat' TYPE STRAINERS

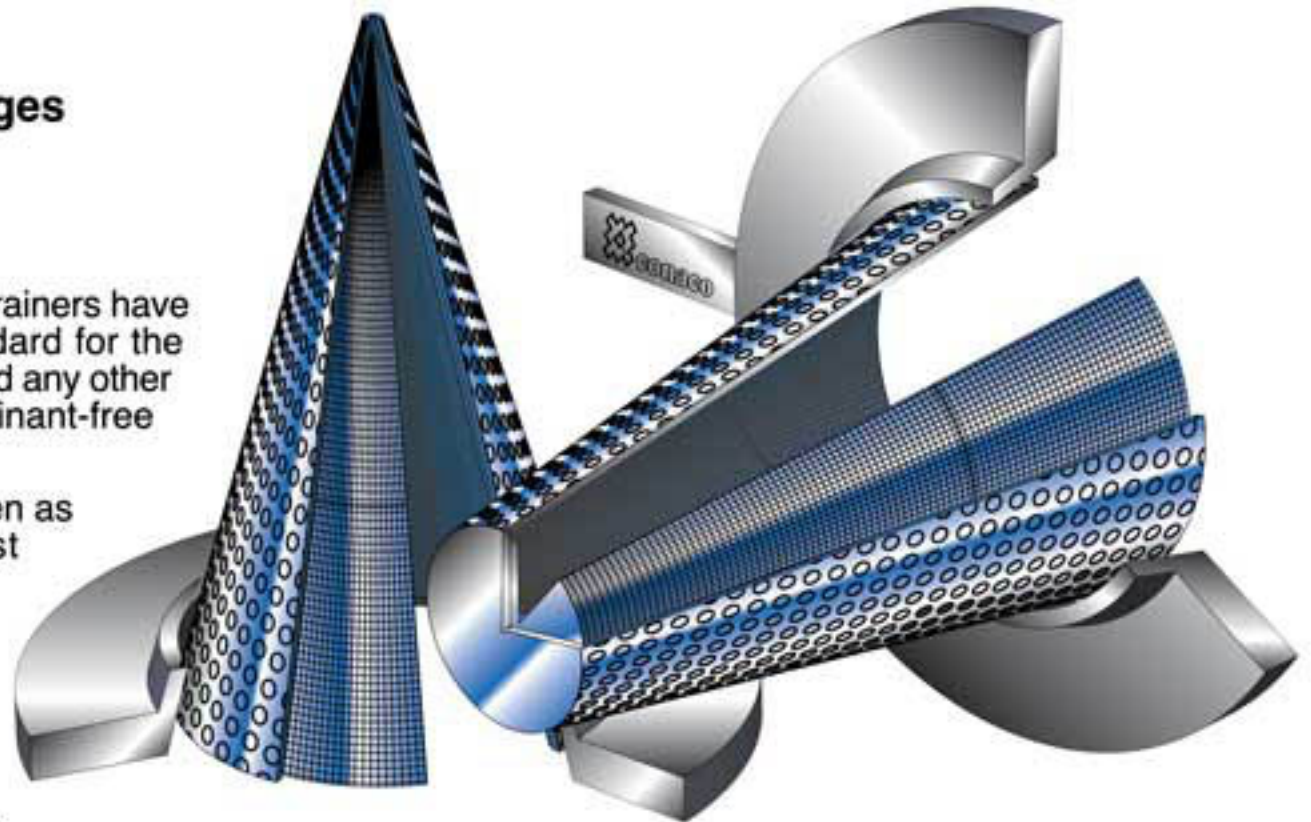
**Fabricated Construction
For RF, FF and RTJ ANSI Flanges
Sizes 1" to 24"**

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.

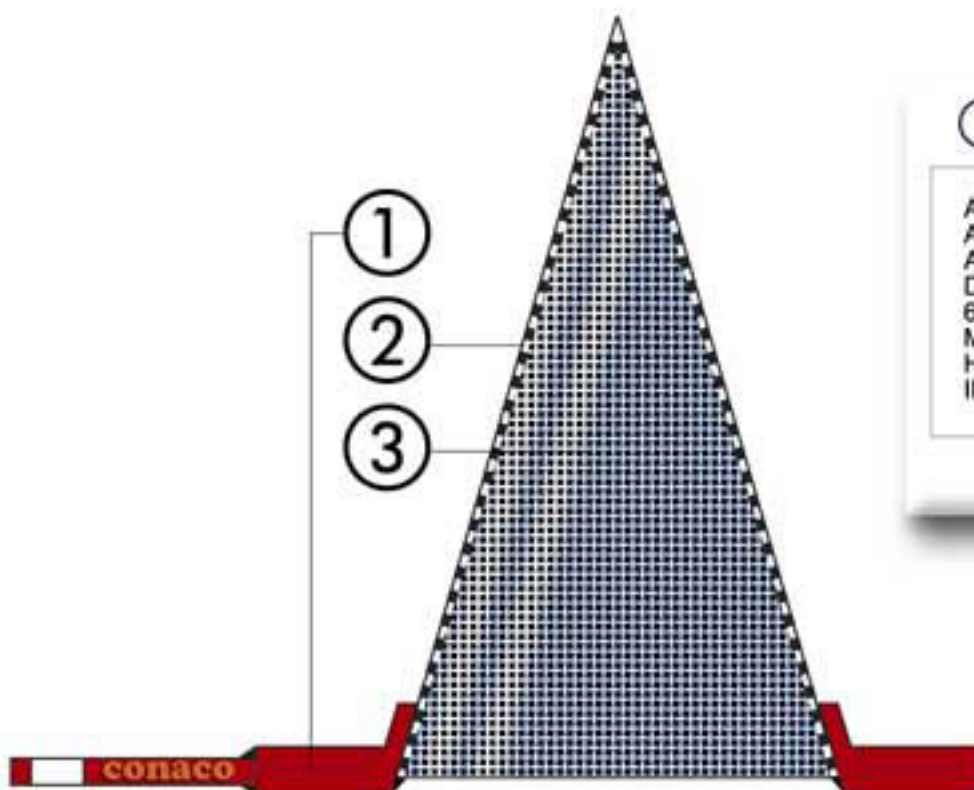
CONACO™ strainers have been chosen as the original equipment for the most exacting applications, from North Sea and Canadian offshore platforms, to desert water supply projects.

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

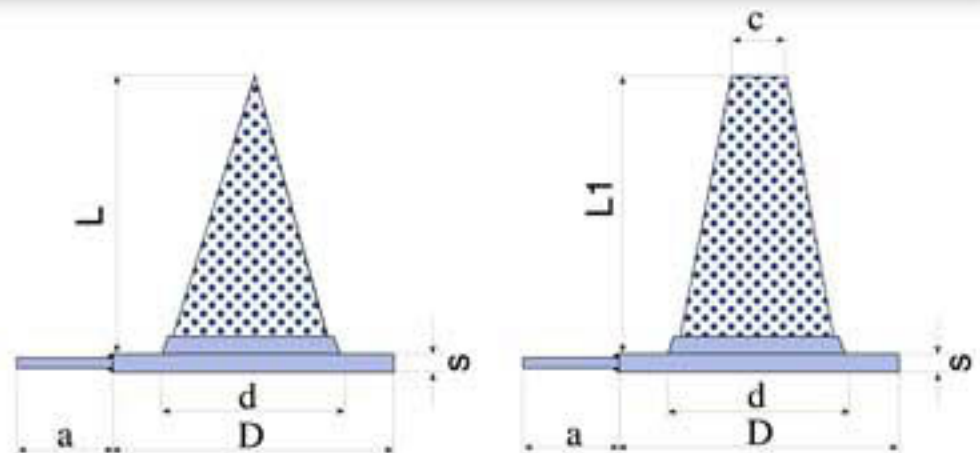


① Ring	② Perf. Plate	③ Wire Mesh
ASTM A105 AISI 304 AISI 316 DUPLEX STEEL 6MO MONEL HASTELLOY INCONEL	AISI 304 AISI 316 DUPLEX STEEL 6MO MONEL HASTELLOY INCONEL	AISI 304 AISI 316 MONEL HASTELLOY INCONEL

Other materials available.

SIZE	D	d	c	s	L	L1	ANSI Rating		
							#150 lb a	#300 lb a	#600 lb 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 2 mm thick with 3 mm 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 for your application

Other Conaco Strainers

Product	Data Sheet
150 to 2500 lb 1/2" to 1.1/2" 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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