“Basket” STRAINERS

Our Pot / Bucket / Basket Strainer section includes six different types of strainers divided in two series.
In the following tabs you can visualize the table of the desired strainer.

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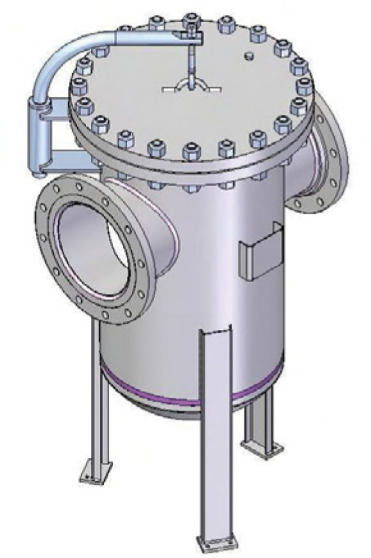
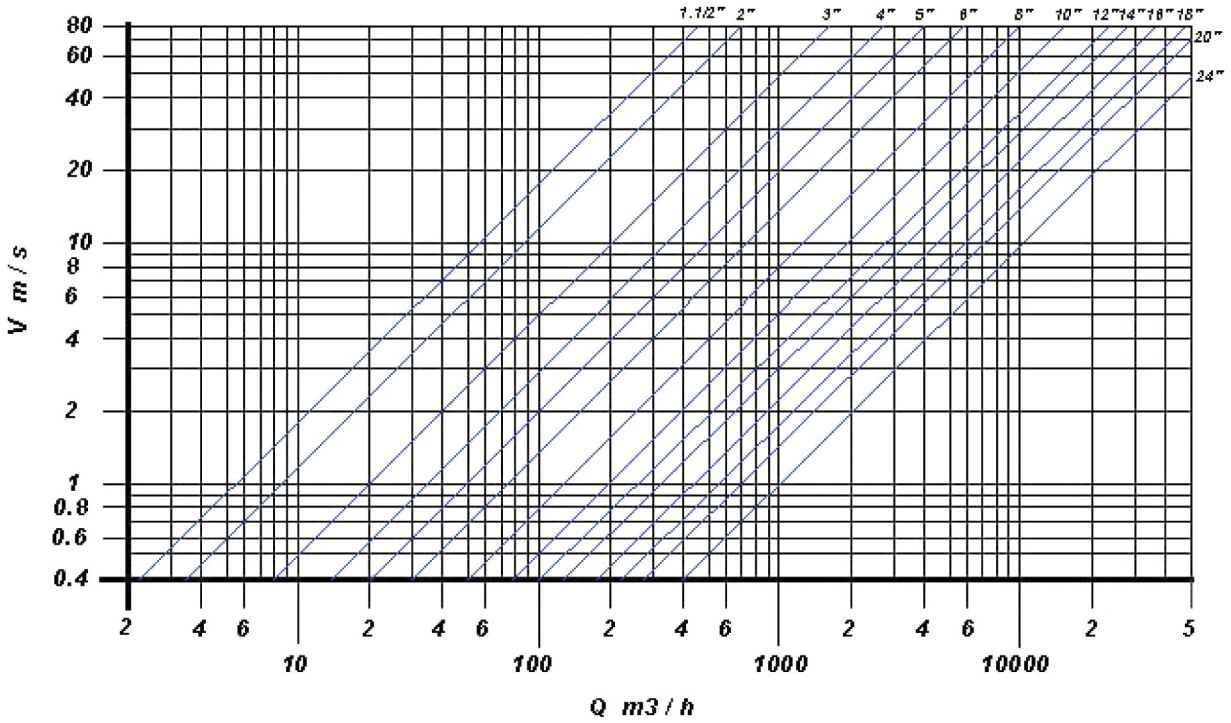
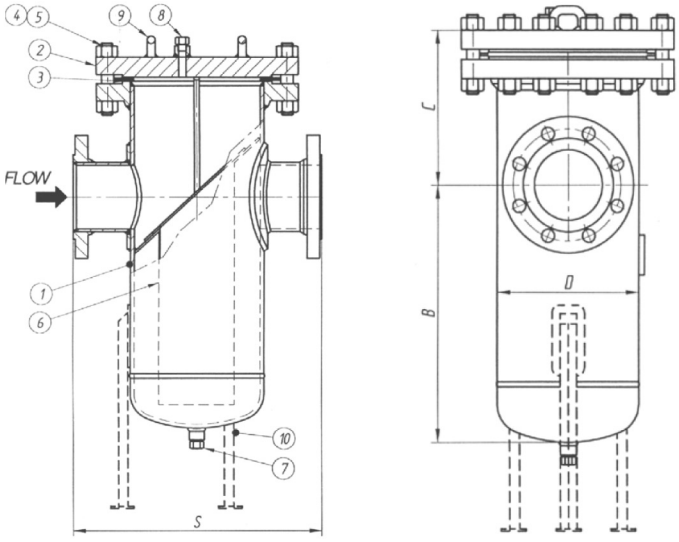
"Pot/Bucket/Basket" STRAINER
PAP
PSW150

(Pot strainer, welded, class 150)



PAP Pot / Bucket / Basket strainers have been specifically designed to meet all customer requirements including high pressure applications. Designed and fabricated according to ASME VIII Div.1 as standard version, they can also be supplied according to other pressure vessel regulations. I.e. ASME B31.3 etc.
Standard features include low pressure drops at high velocities, stainless steel perforated baskets, vents and drains with the possibility to supply davit lifts, quick open closures, DP gauges. We are also able to manufacture customer requests following.





POS.	DESCRIPTION	MATERIALS	NOTE
1	Body	ASTM A106	
2	Cover	ASTM A105	
3	Gasket	316 / GRAPHITE	
4	Studs	ASTM A193 B7	
5	Nuts	ASTM A194 2H	
5	Drain plug	ASTM A105N	
6	Screen	Stainless Steel	
	Perf. Plate	Stainless Steel	
	Mesh	Stainless Steel	
7	Drain	ASTM A105	Plugged ¾″ NPT
8	Vent	ASTM A105	Plugged ¾″ NPT
9*	Lifting eyes	Carbon Steel	For cover only
10	Legs	Carbon Steel	On request

* Davit on request

Size (inches)	1½″	2″	3″	4″	5″	6″	8″	10″	12″	14″	16″	18″	20″	24″
S (mm)	356	356	381	406	406	508	559	13	889	940	1067	1067	1092	1219
B (mm)	305	305	318	356	381	432	533	635	711	838	914	991	1118	1524
C (mm)	163	178	203	210	241	241	279	330	368	400	464	464	553	553
D (mm)	168	168	168	219	273	273	324	406	457	508	610	610	762	762
Kg	40.0	43.1	46.7	77.1	104.3	108.9	154.2	272.2	349.3	440.0	616.9	635.0	870.9	997.9

NOTES : Inlet / Outlet flanges are according to ANSI B16.5

MAINTENANCE

Strainer maintenace should be made at least once a year, or whenever the pressure drop is higher than normal figures. A quick clean-up system, to perform approximately once a month, is to blow off small impurities trough the drain-plug (5). It is raccomanded to install a drain valve by a nipple to the drain hole to speed-up this operation. For a complete maintenance follow the points herebelow: **1**- Be sure that the main line has been shut off. **2**- Untighten cover stud bolts (5) and nuts (6) and remove cover [blind flange] (2) and gasket (4). **3**- Remove basket (3) and carefully inspect it for damages. If any hole in the screen is clogged up, clean it with compressed air and / or any suitable tool. If the screen is broken in any part or out of shape, replace it with a new spare one. **4**- Carefully clean the inside of the strainer body. **5**- Fit a new gasket (4). **6**- Install the new screen or the cleaned one (3). **7**- Put cover in place (2). **8**- Slowly give pressure to the line, checking for leakages. **9**- Write on the strainer body the date of this maintenance operation.

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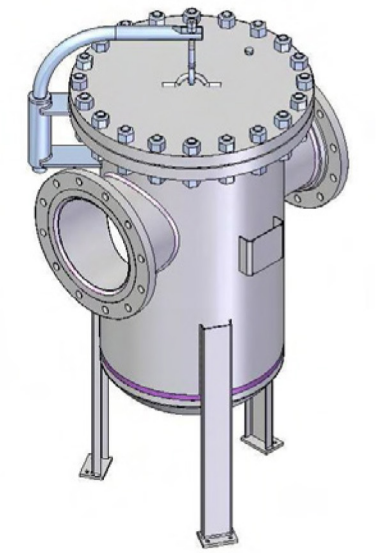
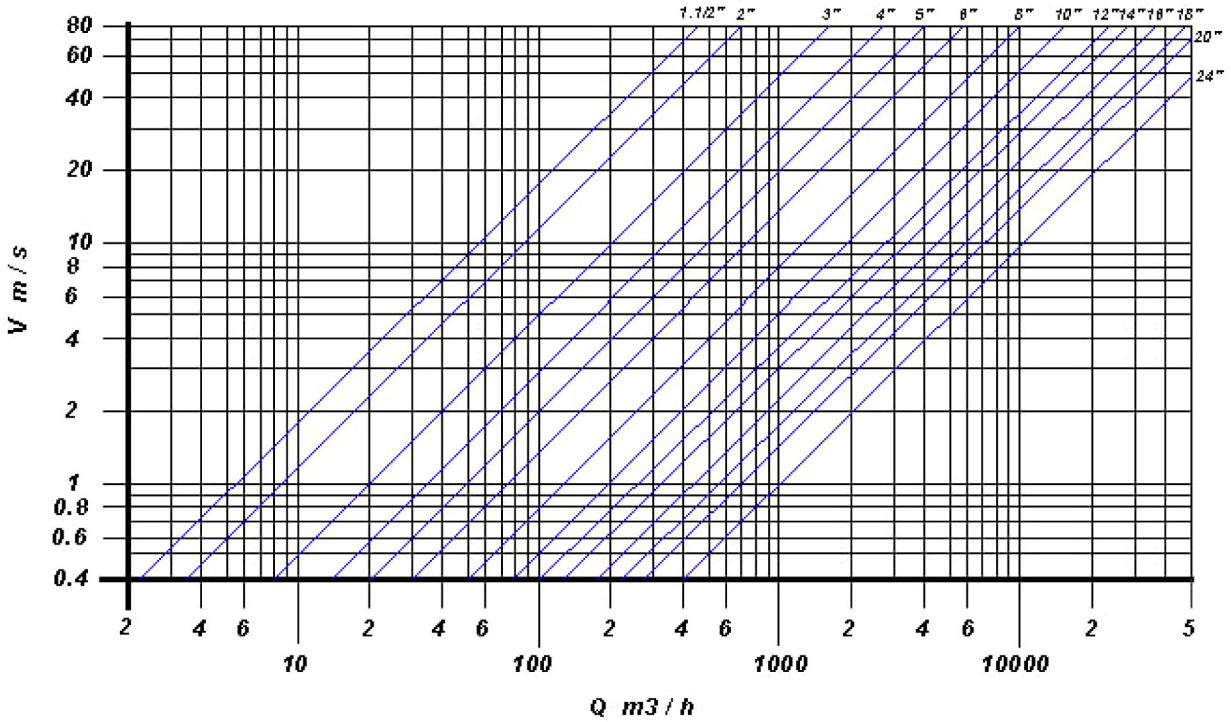
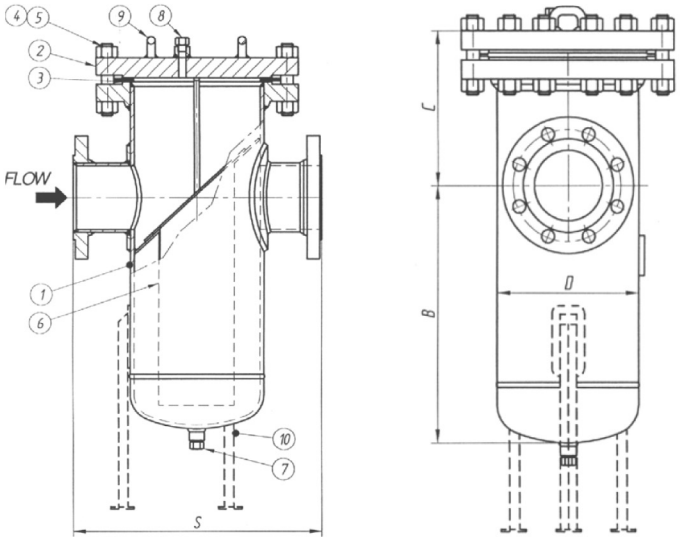
"Pot/Bucket/Basket" STRAINER
PAP
PSW300

(Pot strainer, welded, class 300)



PAP Pot / Bucket / Basket strainers have been specifically designed to meet all customer requirements including high pressure applications. Designed and fabricated according to ASME VIII Div.1 as standard version, they can also be supplied according to other pressure vessel codes. I.e. ASME B31.3 etc. Standard features include low pressure drops at high velocities, stainless steel perforated baskets, vents and drains with the possibility to supply davit lifts, quick open closures, DP gauges. We are also able to manufacture customer requests following.





POS.	DESCRIPTION	MATERIALS	NOTE
1	Body	ASTM A106	
2	Cover	ASTM A105	
3	Gasket	316 / GRAPHITE	
4	Studs	ASTM A193 B7	
5	Nuts	ASTM A194 2H	
5	Drain plug	ASTM A105N	
6	Screen	Stainless Steel	
	Perf. Plate	Stainless Steel	
	Mesh	Stainless Steel	
7	Drain	ASTM A105	Plugged ¾″ NPT
8	Vent	ASTM A105	Plugged ¾″ NPT
9*	Lifting eyes	Carbon Steel	For cover only
10	Legs	Carbon Steel	On request

* Davit on request

Size (inches)	1½″	2″	3″	4″	5″	6″	8″	10″	12″	14″	16″	18″	20″	24″
S (mm)	356	356	381	406	445	553	584	838	914	965	1092	1092	1130	1264
B (mm)	305	305	318	356	381	432	533	635	711	838	914	991	1118	1524
C (mm)	229	229	229	241	279	279	318	368	406	445	508	508	610	610
D (mm)	168	168	168	219	273	273	324	406	457	508	610	610	762	762
Kg	69.2	72.6	79.4	131.5	181.4	192.8	274.4	464.9	603.3	757.5	1059.1	1115.8	1537.7	1780.4

NOTES : Inlet / Outlet flanges are according to ANSI B16.5

MAINTENANCE

Strainer maintenace should be made at least once a year, or whenever the pressure drop is higher than normal figures. A quick clean-up system, to perform approximately once a month, is to blow off small impurities trough the drain-plug (5). It is raccomanded to install a drain valve by a nipple to the drain hole to speed-up this operation. For a complete maintenance follow the points herebelow: **1**- Be sure that the main line has been shut off. **2**- Untighten cover stud bolts (5) and nuts (6) and remove cover [blind flange] (2) and gasket (4). **3**- Remove basket (3) and carefully inspect it for damages. If any hole in the screen is clogged up, clean it with compressed air and / or any suitable tool. If the screen is broken in any part or out of shape, replace it with a new spare one. **4**- Carefully clean the inside of the strainer body. **5**- Fit a new gasket (4). **6**- Install the new screen or the cleaned one (3). **7**- Put cover in place (2). **8**- Slowly give pressure to the line, checking for leakages. **9**- Write on the strainer body the date of this maintenance operation.

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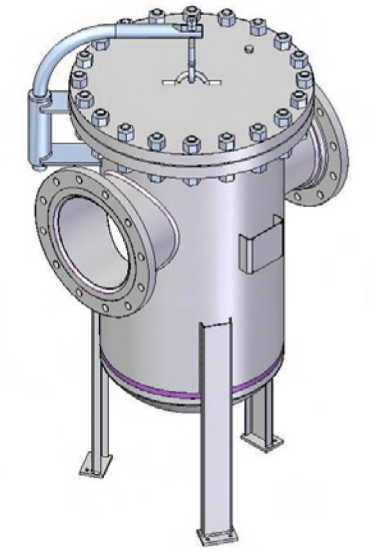
"Pot/Bucket/Basket" STRAINER
PAP
PSW900

(Pot strainer, welded, class 900)



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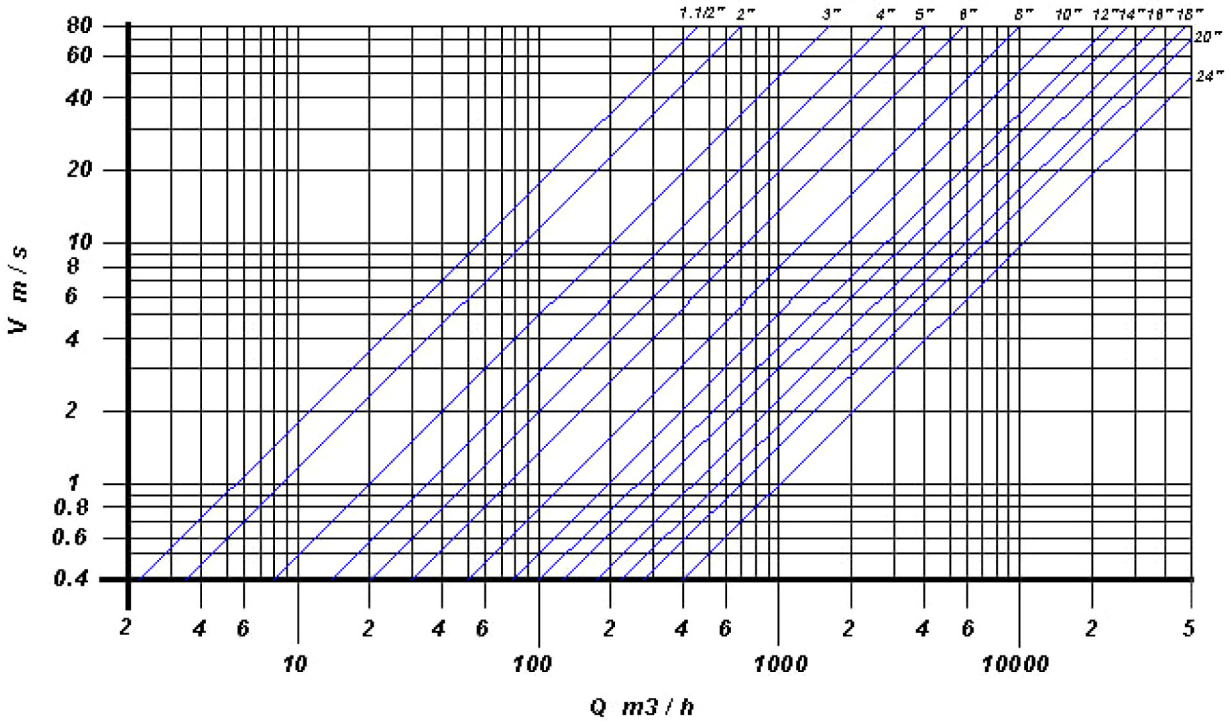

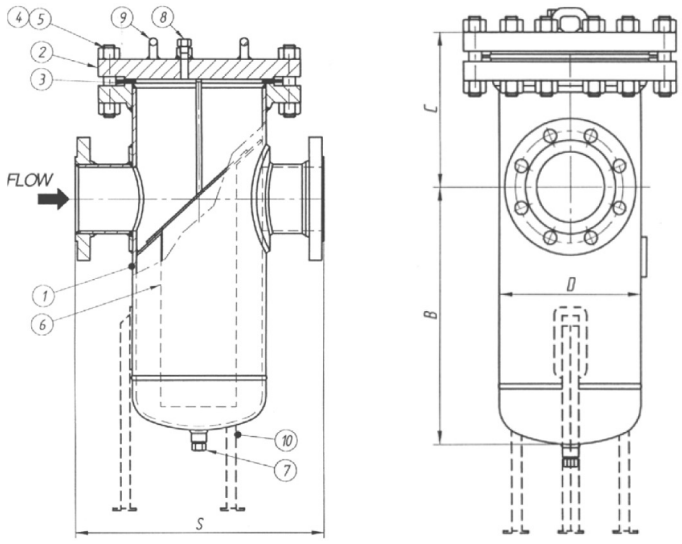

POS.	DESCRIPTION	MATERIALS	NOTE
1	Body	ASTM A106	
2	Cover	ASTM A105	
3	Gasket	316 / GRAPHITE	
4	Studs	ASTM A193 B7	
5	Nuts	ASTM A194 2H	
5	Drain plug	ASTM A105N	
6	Screen	Stainless Steel	
	Perf. Plate	Stainless Steel	
	Mesh	Stainless Steel	
7	Drain	ASTM A105	Plugged ¾" NPT
8	Vent	ASTM A105	Plugged ¾" NPT
9*	Lifting eyes	Carbon Steel	For cover only
10	Legs	Carbon Steel	

* Davit on request

Size (inches)	20"
S (mm)	1410
B (mm)	1525
C (mm)	1064
D (mm)	762
Kg	6621

NOTES : Inlet / Outlet flanges are according to ANSI B16.5

MAINTENANCE

Strainer maintenace should be made at least once a year, or whenever the pressure drop is higher than normal figures. A quick clean-up system, to perform approximately once a month, is to blow off small impurities trough the drain-plug (5). It is raccomanded to install a drain valve by a nipple to the drain hole to speed-up this operation. For a complete maintenance follow the points herebelow: **1**- Be sure that the main line has been shut off. **2**- Untighten cover stud bolts (5) and nuts (6) and remove cover [blind flange] (2) and gasket (4). **3**- Remove basket (3) and carefully inspect it for damages. If any hole in the screen is clogged up, clean it with compressed air and / or any suitable tool. If the screen is broken in any part or out of shape, replace it with a new spare one. **4**- Carefully clean the inside of the strainer body. **5**- Fit a new gasket (4). **6**- Install the new screen or the cleaned one (3). **7**- Put cover in place (2). **8**- Slowly give pressure to the line, checking for leakages. **9**- Write on the strainer body the date of this maintenance operation.

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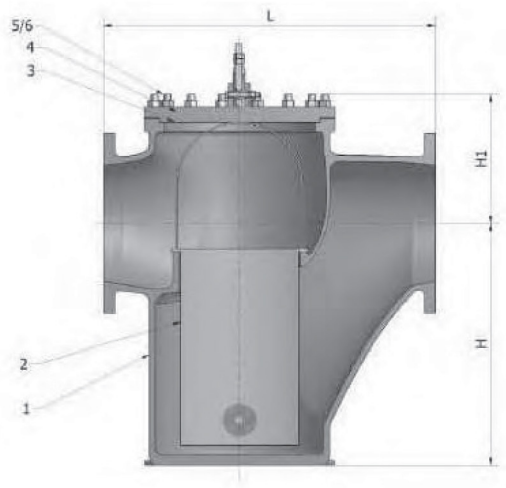
"Pot/Bucket/Basket" STRAINER
PAP
PSC150/300/600

(Pot strainer, cost, class 150/300/600)



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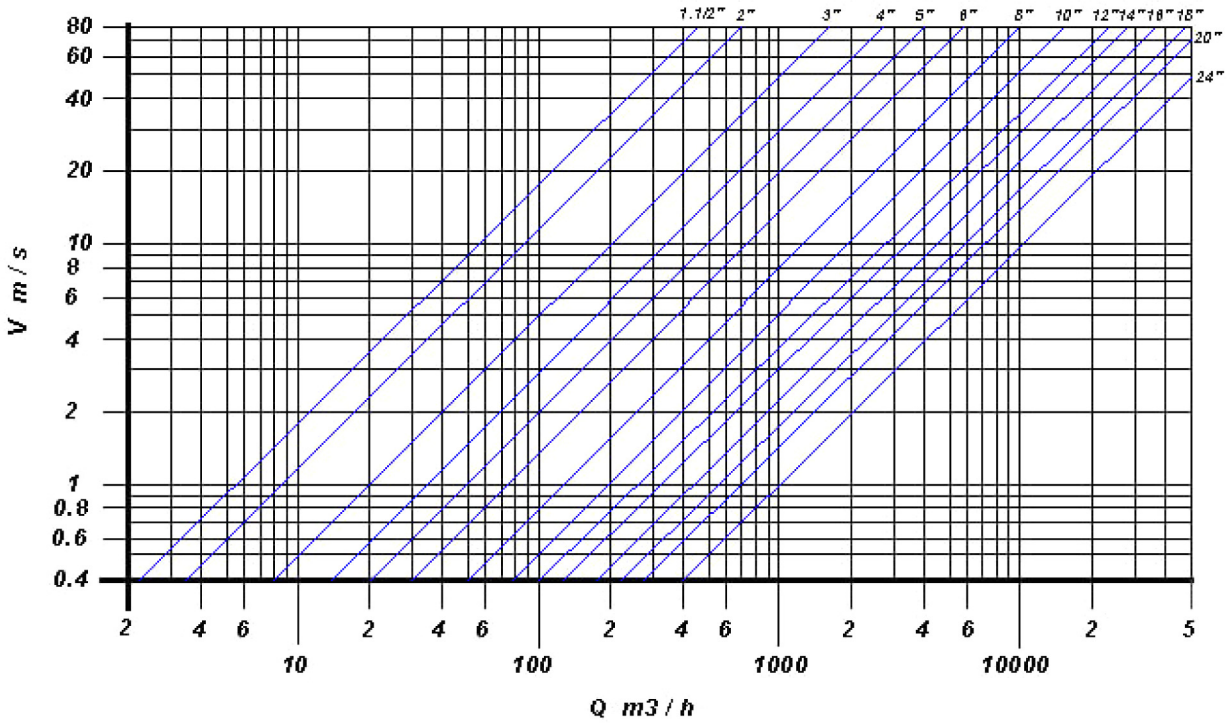
Standard features include low pressure drops at high velocities, stainless steel perforated baskets as standard, vents and drains with the possibility to supply davit lifts, quick open closures, DP gauges. We are also able to manufacture against customer requests in all types of materials.



POS.	DESCRIPTION	MATERIALS		SPARE
1	Body	ASTM A216 WCB	ASTM A351 CF8(M)	
2	Screen	SS304	SS304/SS316	X
3	Gasket	SW 316/Graphite	SW 316/Graphite	X
4	Cover	ASTM A105N	ASTM A182 F304/316	
5	Bolts	ASTM A193 B7	ASTM A193 B8	
6	Nuts	ASTM A194 2H	ASTM A194 Gr.8	
7/8	Drain/Vent	ASTM A105N		
9* Lifting eyes: on request				

* Davit on request

Pot / Bucket / Basket STRAINER PSC150

Size (inches)	2"	3"	4"	6"	8"	10"	12"	14"	16"
h1 (mm)	110	140	160	180	240	315	350	395	430
h (mm)	207	265	350	500	650	850	950	1245	800
l (mm)	290	350	420	550	700	850	950	1150	1100
Kg	36	47	60	170	290	400	535	920	950

NOTES : Inlet / Outlet flanges are according to ANSI B16.5

Pot / Bucket / Basket STRAINER PSC300

Size (inches)	2"	3"	4"	6"	8"	10"
h1 (mm)	110	140	160	180	240	315
h (mm)	205	265	350	500	650	850
l (mm)	309	350	420	550	725	850
Kg	38	49	65	178	299	415

NOTES : Inlet / Outlet flanges are according to ANSI B16.5

Pot / Bucket / Basket STRAINER PSC600

Size (inches)	14"
h1 (mm)	395
h (mm)	1245
l (mm)	1250
Kg	950

NOTES : Inlet / Outlet flanges are according to ANSI B16.5

MAINTENANCE

Strainer maintenace should be made at least once a year, or whenever the pressure drop is higher than normal figures. A quick clean-up system, to perform approximately once a month, is to blow off small impurities trough the drain-plug (5). It is raccomanded to install a drain valve by a nipple to the drain hole to speed-up this operation. For a complete maintenance follow the points herebelow: **1**- Be sure that the main line has been shut off. **2**- Untighten cover stud bolts (5) and nuts (6) and remove cover [blind flange] (2) and gasket (4). **3**- Remove basket (3) and carefully inspect it for damages. If any hole in the screen is clogged up, clean it with compressed air and / or any suitable tool. If the screen is broken in any part or out of shape, replace it with a new spare one. **4**- Carefully clean the inside of the strainer body. **5**- Fit a new gasket (4). **6**- Install the new screen or the cleaned one (3). **7**- Put cover in place (2). **8**- Slowly give pressure to the line, checking for leakages. **9**- Write on the strainer body the date of this maintenance operation.

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