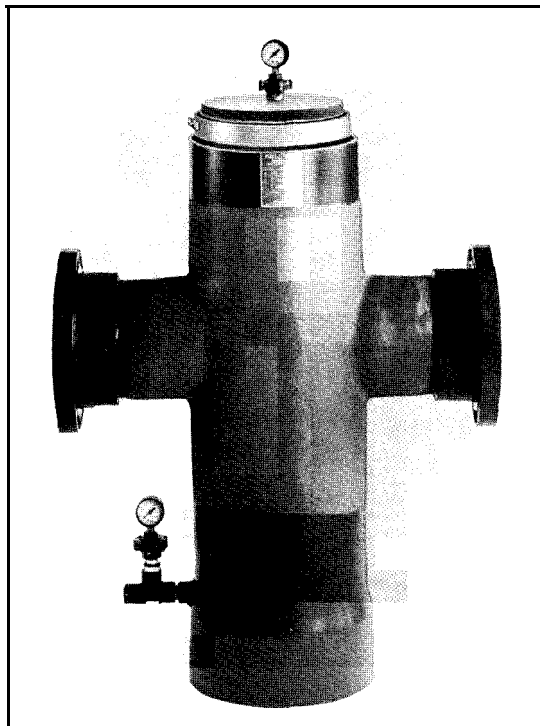


# Corrosion Resistant PVC Basket Strainers... Large Capacity For Larger Process System Pipelines.

**Series VSTS in PVC**  
**Sizes: 6", 8", 10" 12" & 14"\***



## Superior Features:

- Non-jamming & quick removal cover for ease of cleaning.
- High performance and competitive cost is a direct result of simple heavy-duty construction.
- Fiberglass-wrapped for added strength and durability.
- Sturdy perforated baskets designed for ease of servicing and long life.
- Large basket capacity for less frequent cleaning.
- High flow capability.
- Optional Gauge Guard connections for measuring pressure drop across a clean versus a debris-filled basket. (1/2 NPT connecting ports supplied standard). Gauge Guards also protect gauges from corrosion and clogging.

**Body and cover Design:** Plast-O-Matic basket strainer bodies are heavy duty welded construction, and all wetted parts are thermoplastic for maximum corrosion resistance. Bodies are supplied with flanged pipe connections. The sturdy cover plate is secured to body with a heavy duty V-band clamp.

**Basket Strainer Design:** The Plast-O-Matic perforated thermoplastic baskets are heavy duty welded construction designed for durability as well as ease of removal and cleaning. They have a large ratio of open basket area to pipe size to reduce the pressure drop across a clean basket, and a large holding capacity to increase time between cleanings. The baskets have a wall thickness of 1/4" (6.4mm) with 1/4" diameter holes as standard. Optional 1/8" (3.2 mm), 1/16" (1.6mm) and 1/32" (.8 mm) holes are also available.

**Materials of Construction:** In all sizes the bodies, covers, and baskets are Type 1, Grade 1 PVC (polyvinyl chloride) with FRP over-wrap for added strength. O-ring cover seals are EPDM, Viton is optional. V-band clamp is stainless steel.

**PLAST-O-MATIC**  
VALVES, INC.

\*Refer to Catalog KST-2 for sizes 2", 3" and 4" in PVC and CPVC,  
and Catalog LST for sizes 2" - 8" in Polypropylene.

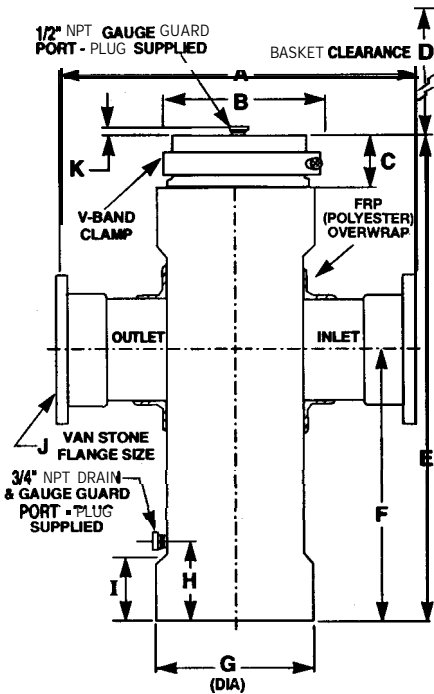
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# Series VSTS - Basket Strainers in PVC

## OPERATING PRESSURES VS TEMPERATURES

TEMPERATURE PVC PIPE SIZE	75°F (24°C)		100°F (38°C)		120°F (49°C)		140°F (60°C)		160°F (71°C)		180°F (82°C)	
	PSI	BARS	PSI	BARS	PSI	BARS	PSI	BARS	PSI	BARS	PSI	BARS
6	100	6.80	60	4.08	40	2.72	20	1.36	NOT RECOMMENDED			
8	75	5.10	45	3.06	30	2.04	15	1.02				
10	75	5.10	45	3.06	30	2.04	15	1.02				
12	50	3.40	30	2.04	20	1.36	10	0.68				
14	50	3.40	30	2.04	20	1.36	10	0.68				

Note: Full vacuum rating to maximum of 120°F (49°C) for PVC.



## DIMENSIONS

SIZE DIMEN.	6		8		10		12		14	
	IN	mm	IN	mm	IN	mm	IN	mm	IN	mm
A	25	635	32	813	35½	902	36	914	38	965
B	12¼	310	14¼	361	14¼	361	17%	430	17%	438
C	2¾	70	2¾	70	2¾	70	2%	70	2%	70
D	29	736	35	889	41	1041	47	1194	53	1346
E	36	914	43	1092	49	1245	54	1372	60	1524
F	19½	489	25	635	26¾	679	30	762	36	914
G	11%	295	13¾	349	13¾	349	17¼	438	17%	438
H	5½	140	6¼	159	6¼	159	9	229	0	228
I	4½	114	5	127	6	152	6	152	6	152
J	6	152	8	203	10	254	12	305	14	356
K	½	13	½	13	½	13	½	13	½	13

## MODEL NUMBERS

SIZE	6	8	10	12	14
PVC - FLANGED	VSTS0600EP-F-PV	VSTS0800EP-F-PV	VSTS1000EP-F-PV	VSTS1200EP-F-PV	VSTS1400EP-F-PV

Notes: 1. Model Numbers shown are for basket strainers with standard 1/4" diameter holes. For optional 1/8", 1/16" or 1/32" holes (available in 6", 8" IO" sizes only) add either "8", "16" or "32" at end of Model Number (ex: to order 6" PVC Basket Strainer with flanged ends and 1/16" diameter holes, Model Number would be VSTS0600EP-F-PV-16).

## BASKET SPECIFICATIONS\*

DESCRIPTIONS	6		8		10		12		14		
	IN	mm	IN	mm	IN	mm	IN	mm	IN	mm	
BASKET DIAMETER	7 15/16	202	9 3/8	248	9 3/8	248	11 1/8	330	11 1/8	330	
BASKET LENGTH	29 13/16	757	36 1/2	927	41 7/8	1064	46	1166	52	1320	
HOLE DIAMETER	a)	1/4	6.4	1/4	6.4	1/4	6.4	1/4	6.4	1/4	6.4
	b)	3/8	9.5	3/8	9.5	3/8	9.5	3/8	9.5	3/8	9.5
HOLE CENTERS	a)	3/8	9.5	3/8	9.5	3/8	9.5	3/8	9.5	3/8	9.5
	b)	1/2	12.7	1/2	12.7	1/2	12.7	1/2	12.7	1/2	12.7
BASKET OPEN AREA	a)	269²	1736²	4491	2897²	502²	3289²	764²	4929²	840²	5420²
	b)	192²	1239²	321²	2071²	358²	2310²	546²	3523²	600²	3871²
BASKET CAPACITY	c)	110²	710²	184²	1187²	206²	1329²	313²	2019²	396²	2555²
	d)	62²	400²	103²	665²	115²	742²	176²	1336²	193²	1245²

\* Capacity is measured from bottom of basket to the bottom of basket's inlet port. Consult factory for special dimensions.