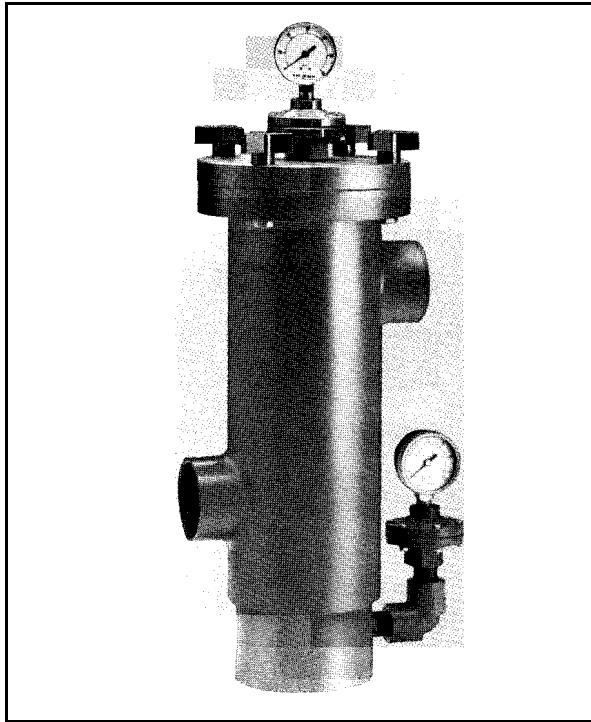


Corrosion Resistant PVC & CPVC Basket Strainers... Priced for Economy and Value.



Series KST in PVC & CPVC Sizes: 2", 3" & 4"*

Superior Features: .

- Non-jamming & quick removal cover for ease of cleaning. No tools needed.
- High performance and low cost is a direct result of heavy-duty construction & simplicity of design.
- Sturdy perforated baskets designed for ease of servicing and long life.
- Large basket capacity for less frequent cleaning.
- High flow capability with 100 PSI pressure rating.
- Optional Gauge Guard connections for measuring pressure drop across a clean versus a debris-filled basket. Gauge Guards protect gauges from corrosion and clogging

Body and Cover Design: The bodies of the Plast-O-Matic basket strainers are heavy duty welded construction, and all wetted parts are thermoplastic for maximum corrosion resistance. The bodies are available with pipe connections of 2", 3" and 4" either socket or flanged. Threaded connections are optional and not standard. The cover is a heavy duty plate securely bolted to the body with easy to remove hand knobs (no tools necessary) for quick servicing. The cover seal is an O-ring that is pulled against the body face resulting in a non-jamming positive closure. It simply lifts off. Refer to the charts on the back page for pressure/temperature ratings and other specifications.

Basket Strainer Design: The Plast-O-Matic all plastic perforated baskets are heavy duty welded construction designed for durability and ease of removal and cleaning. They have a large ratio of open basket area to pipe size to increase time between cleanings. The 2", 3" and 4" sizes have a 1/8" (3.2mm) wall thickness with 1/8" diameter holes as standard. For PVC (only) optional 1/16" (1.6 mm) and 1/32" (.8 mm) holes are also available. It is recommended to keep a spare basket on hand at all times.

Materials of Construction: For PVC models the bodies, covers, and baskets are Type 1, Grade 1 PVC (polyvinyl chloride). For CPVC models, they are ASTM D-1784 (formerly Type IV, Grade 1) CPVC. O-ring cover seals are Viton; other seal materials optional. The molded hand knobs are phenolic with brass threaded inserts.

*Refer to Catalog VSTS for sizes 6" - 14" in PVC,
and Catalog LST for sizes 2" to 8" in Polypropylene.

PLAST-O-MATIC

V A L V E S , I N C .

Series KST - Basket Strainers in PVC & CPVC

OPERATING PRESSURES VS TEMPERATURES

TEMPERATURE	75°F (24°C)		100°F (38°C)		120°F (49°C)		140°F (60°C)		160°F (71°C)		180°F (82°C)		
	PIPE SIZE		PRESSURE		PRESSURE		PRESSURE		PRESSURE		PRESSURE		
	PSI	BARS	PSI	BARS	PSI	BARS	PSI	BARS	PSI	BARS	PSI	BARS	
PVC	2	100	6.80	60	4.08	40	2.72	20	1.36	NOT RECOMMENDED			
	3	100	6.80	60	4.08	40	2.72	20	1.36				
	4	100	6.80	60	4.08	40	2.72	20	1.36				
CPVC	2	100	6.80	80	5.44	65	4.42	50	3.40	35	2.38	20	1.36
				5.44		4.42		3.40		2.38		20	1.36
	4	100	6.80	80	5.44	65	4.42	50	3.40	35	2.38	20	1.36

Notes: 1) PVC is not recommended above 140°F (60%). 2) CPVC is not recommended above 180°F (82%).
3) Full vacuum rating to maximum of 120°F (49°C) for PVC and 1 60°F (71 °C) for CPVC.

DIMENSIONS

SIZE	2		3		4	
	DIMEN.	IN	mm	IN	mm	IN
A	8	203	9 1/4	235	11 1/2	292
B	7	178	7	178	9 1/4	234
C	1	25	1	25	1	25
D	17 1/8	435	20 1/2	521	28 7/16	722
E	12 3/4	324	15 1/2	394	21 7/16	545
F	1 5/8	41	1 3/4	44	1 7/8	48
G	4 1/2	114	4 1/2	114	6 5/8	168
H	5	127	5	127	7 1/4	184
I	2 1/2	64	3 1/2	89	3 7/16	87
J	6	152	7 1/2	191	9 7/16	240
K	2	51	3	76	4	102
L	11 1/2	292	18 1/2	470	22 1/4	565
M	11 7/16	290	13 7/8	352	16 5/8	422

MODEL NUMBERS

SIZE	2	3	4
PVC-Socket	KST0200V-PV	KST0300V-PV	KST0400V-PV
PVC-Flanged	KST0200V-F-PV	KST0300VF-PV	KST0400V-F-PV
PVC-Threaded	KST0200VT-PV	KST0300VT-PV	N.A.
CPVC-Socket	KST0200V-CP	KST0300VCP	KST0400V-CP
CPVC-Flanged	KST0200V-F-CP	KST0300V-F-CP	KST0400V-F-CP
CPVC-Threaded	N.A.	N.A.	N.A.

Notes: 1. Model Numbers shown are for basket strainers with standard 1/8" diameter holes. For optional 1/16" or 1/32" holes (only on PVC) add either "16" or "32" at end of Model Number (ex: to order 2" PVC Basket Strainer with flanged ends and 1/16" diameter holes, Model Number would be KST0200V-F-PV-16. N.A. = Not Available

BASKET SPECIFICATIONS*

DESCRIPTIONS	SIZE 2		SIZE 3		SIZE 4		
	IN	mm	IN	mm	IN	mm	
BASKET DIAMETER	3 1/4	83	3 1/4	83	5 3/8	137	
BASKET LENGTH	8	203	11 3/8	289	15 3/16	386	
HOLE DIAMETER	a)	1/8	3	1/8	3	1/8	3
	b)	1/16	1.6	1/16	1.6	1/16	1.6
	c)	1/32	.8	1/32	.8	1/32	.8
HOLE CENTERS	a)	7/32	5.5	7/32	5.5	7/32	5.5
	b)	3/32	2.4	3/32	2.4	3/32	2.4
	c)	1/16	1.6	1/16	1.6	1/16	1.6
BASKET OPEN AREA	IN	cm	IN	cm	IN	cm	
	a)	24 ²	155 ²	34 ²	219 ²	78 ²	503 ²
	b)	10 ²	65 ²	14 ²	90 ²	31 ²	200 ²
BASKET CAPACITY	IN	cm	IN	cm	IN	cm	
	a)	55 ³	901 ³	79 ³	1295 ³	308 ³	5048 ³

* Consult factory for special dimensions.

