



STRAINER BASKET

STRAINER SIZE (IN)	STRAINER PART NUMBER	S.S. BASKET PART NUMBER	OPEN AREA OF PIPE (SQ.IN.)	OPEN AREA OF BASKET (SQ.IN.)	RATIO OF OPEN AREA	DIMENSIONS (INCHES)						MAX. FLOW RATE (GPM)	APPROX. WEIGHT (LBS.)
						A1	A2	B	C	D	E		
3 x 2	1000-6406	1000-8395	13	117	9.0:1	8 1/2	9	18	19	8 5/8	5 3/4	125	45
4 x 2	1001-3921	1000-8395	13	117	9.0:1	8 1/2	9 1/2	18	19	8 5/8	5 3/4	138	45
4 x 2 1/2	1000-6415	1000-8395	13	117	9.0:1	8 1/2	9 1/4	18	19	8 5/8	5 3/4	198	45
4 x 3	1000-6417	1000-8395	13	117	9.0:1	8 1/2	9	18	19	8 5/8	5 3/4	215	45
6 x 3	1000-6421	1000-8397	28	210	7.5:1	13 1/4	14 3/4	26	22 1/2	10 3/4	7 1/2	310	75
6 x 4	1000-6422	1000-8397	28	210	7.5:1	13 1/4	14 1/4	26	22 1/2	10 3/4	7 1/2	488	75
6 x 5	1000-6423	1000-8397	28	210	7.5:1	13 1/4	13 3/4	26	22 1/2	10 3/4	7 1/2	488	75
8 x 4	1000-6424	1000-8397	50	210	4.2:1	12 1/4	14 1/4	26	23 1/2	10 3/4	7 1/2	537	80
8 x 5	1000-6425	1000-8397	50	210	4.2:1	12 1/4	13 3/4	26	23 1/2	10 3/4	7 1/2	854	80
8 x 6	1000-6426	1000-8397	50	210	4.2:1	12 1/4	13 1/4	26	23 1/2	10 3/4	7 1/2	854	80
10 x 5	1000-6408	1000-8399	79	515	6.5:1	21	23 1/2	36	32	16	11 3/4	1220	155
10 x 6	1000-6409	1000-8399	79	515	6.5:1	21	23	36	32	16	11 3/4	1220	155
10 x 8	1000-6410	1000-8399	79	515	6.5:1	21	22	36	32	16	11 3/4	1340	160
12 x 6	1000-6412	1000-8399	113	515	4.6:1	20	23	36	32	16	11 3/4	1220	160
12 x 8	1000-6413	1000-8399	113	515	4.6:1	20	22	36	32	16	11 3/4	1901	165
12 x 10	1000-6411	1000-8399	113	515	4.6:1	20	21	36	32	16	11 3/4	1901	170
14 x 8	1000-6419	1000-8400	154	694	4.5:1	22	25	39	35	18	14	2140	230
14 x 10	1000-6414	1000-8400	154	694	4.5:1	22	24	39	35	18	14	2295	230
14 x 12	1000-6416	1000-8400	154	694	4.5:1	22	23	39	35	18	14	2295	230
16 x 10	1000-6420	1000-8401	192	833	4.3:1	22	25	39	36	20	16	3012	320
16 x 12	1000-9972	1000-8401	192	833	4.3:1	22	24	39	36	20	16	3012	320

Strainer body shall be entirely constructed of high strength vinylester fiberglass not less than 1/4" in thickness. All exterior surfaces shall be impregnated with special UV stabilizers. Connections shall be of typical construction with 1" thick fixed flanges. Flanged connections shall be ANSI standard dimensions.

Strainer lid shall be 1" thick transparent acrylic machined to eliminate sharp edges and house securing assemblies. Lid shall be grooved to house rubber gasket. Lid shall be seated with a 1/8" thick, full faced 40 durometer neoprene, rubber gasket. Strainer lids on units with 10" connections and larger shall include a stainless steel cross brace. Lids shall have integrated cover removal grips.

Basket shall be Type 316 stainless frame and mesh with 5/32" perforations and not less than 52% open area. Open area of basket shall be no less than 4 times greater than the influent connection. Strainer basket shall have a welded intermediate baffle to reduce cleaning frequency. Basket handle shall be 1/8" in thickness.

R 11/12/18