

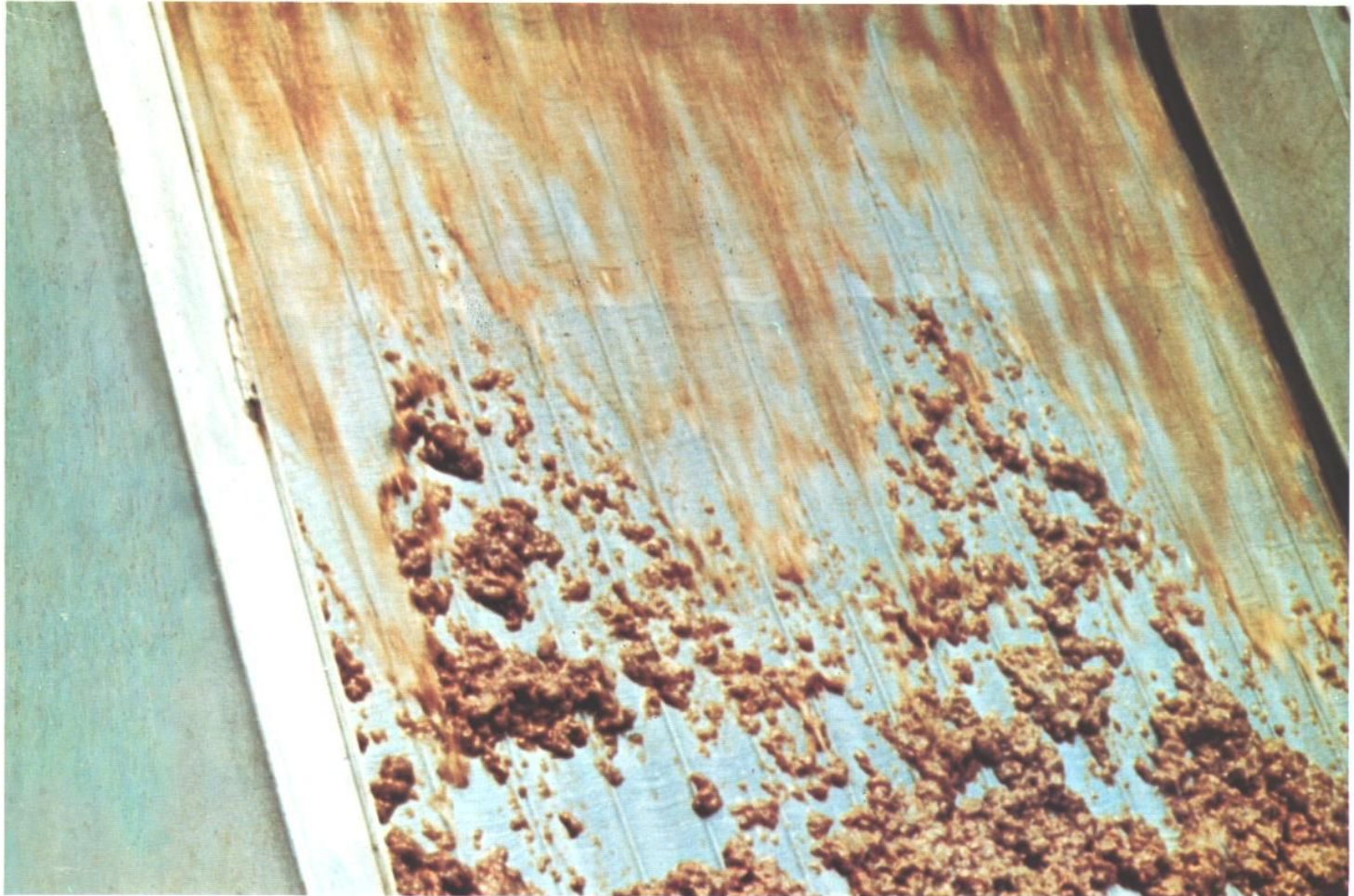
Bulletin G-40C

Hydrasieve^(TM)

Recovers suspended solids.
Pays for itself in pollution control
and processing operations.



HYDRASIEVES recover tons of usable solids every day from effluent streams which previously caused polluted waters.



This Hydrasieve features the molded fiber glass frame.



Construction. The frame is available in No. 316 stainless steel or molded fiber glass construction.

The patented one piece stainless steel screen, the heart of the unit, consists of heavy, puncture proof, specially formed wires. Unique downward curves make this a self cleaning, non-clogging surface. Several wire spacings are available, ranging from .005" to .100".

Reliable construction and simplicity of design make the Hydrasieve practically maintenance free. As one plant superintendent remarked, "It just sits there and works . . . night and day."

Capacity. Five sizes and three models are available with flow rates from a few GPM up to and over 1.5 MGD. Capacity varies according to several factors including freeness of stock, viscosity, solids loading of the fluid, temperature, and wire spacing. Typical capacities for various slurries, at typical screen openings, are listed in the accompanying chart.

C-E BAUER HYDRASIEVE

CAPACITY CHART U.S. GPM
(Figures are approximate)

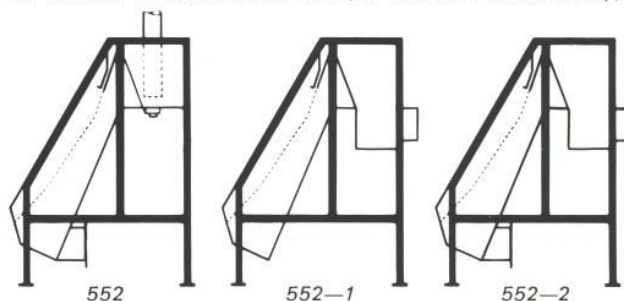
MODEL (and size)	552-18"	552-36"	552-48"	552-60"	552-72"
Storm Water (0.060" screen)	150	350	600	800	1000
Kraft Pulp Mill Effluent (0.020" screen)	100	250	400	550	700
Packing Waste (0.040" screen)	70	150	280	420	550
Sanitary Sewage .05% cons. 220 PPM (0.060 screen)	150	300	500	650	800
Canning Waste (0.060" screen)	120	200	350	500	650
White Water 0.1% cons. 50 PPM (0.020" screen)	130	320	500	625	775
Kraft Rejects 0.5% consistency (0.040" screen)	80	240	370	460	560
Kraft Liquor 0.5% consistency (0.030" screen)	40	60	100	125	150
Groundwood Screen- ings 1.0% cons. (0.040" screen)	75	175	300	400	500
Press Liquor 0.5% consistency (0.010" screen)	70	170	260	350	425
Sulfite Pulp 1.5% cons. 350 CSF (0.010" screen)	50	155	240	310	335
Secondary News 2% cons. 200 CSF (0.030" screen)	45	115	185	240	300
Secondary Fibers Mixed .5% cons. (.020" screen)	90	180	260	330	400
Average Nominal Capacity (Based on 0.040" screen)	100	200	300	450	600

BRIEF SPECIFICATIONS

Model	552-18"	552-36"	552-48"	552-60"	552-72"
Width	22"	42"	54"	66"	78"
Height	57"	60.5"	84"	84"	84"
Depth	42"	44.5"	61"	61"	61"
Inlet	16"x18"	16"x36"	18"x48"	20"x60"	12"x72"
Outlet	8" diam.	10" diam.	10" diam.	12" diam.	14" diam.
Weight	350 lb.	550 lb.	650 lb.	800 lb.	1000 lb.

Note: The largest Hydrasieve requires less than 50 square feet of floor space.

OPTIONAL CONFIGURATIONS (48", 60", 72" models only)



STANDARD 552 Standard headbox, flanged effluent discharge
552-1 Deep headbox, wide effluent discharge
552-2 Deep headbox, flanged effluent discharge



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