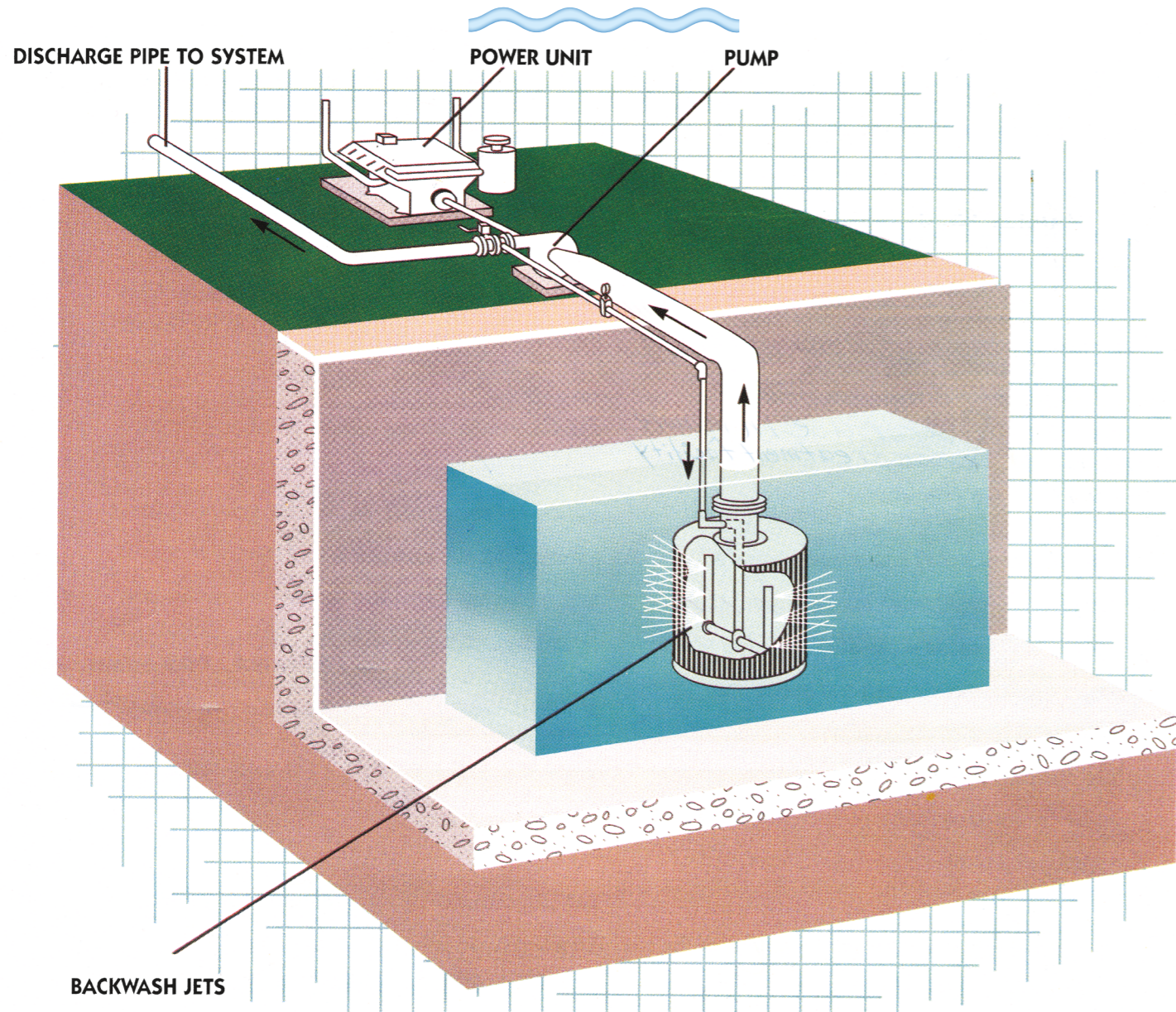


## Typical Application



## METRIC SPECIFICATIONS

Model	Flow M3/Hour		Screen Length MM	Total Length MM	Diameter MM	Flange Size MM	Return Inlet MM	Min. Operate. Pressure Bars	Weight KG	Flow M3/Hour Used To Operate
	12/18m	24M								
CW100	45	37	228	495	305	76	13	2.8	14	2.7
CW200	74	51	279	635	406	102	38	2.8	27	4.5
CW400	125	91	381	732	406	152	38	2.8	29	4.5
CW600	170	120	406	826	609	203	38	2.8	47	4.5
CW800	216	160	457	876	609	254	38	2.8	53	4.5
CW1000	307	216	584	1003	609	254	38	2.8	56	6.4
CW1400	352	247	660	1080	609	305	38	2.8	60	6.4
CW1700	409	288	711	1130	660	305	38	2.8	68	6.4
CW2000	477	336	813	1232	660	356	38	2.8	73	8.2
CW2400	591	409	889	1134	762	406	38	2.8	102	8.2
CW3000	682	480	1016	1461	762	406	38	2.8	105	10.0
CW3500	795	550	1016	1511	915	457	38	2.8	127	10.0
CW4000	909	628	1016	1613	1067	457	38	2.8	160	10.0

## Clearwater Self-Cleaning Suction Screen

Field Tested, Dependable  
Protection for Pumps  
and Water Systems



**CLEMONS**  
SALES CORPORATION

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SALES CORPORATION

# Clearwater Self-Cleaning Suction Screen

## Operates In Any Position

STANDARD FLANGED CONNECTIONS  
RING LOCK AVAILABLE

TO SUCTION INTAKE PIPE

INCOMING WATER SUPPLY  
FOR SELF CLEANING JETS

SCREEN BOLTS  
ON FOR EASY  
INTERNAL ACCESS

ROTATING BARS WITH JETS  
CONTINUALLY BLASTING  
DEBRIS FROM SCREEN

HEAVY BEARING  
FOR LONG LIFE  
Optional Sealed Bearing

HEAVY STAINLESS STEEL  
12, 18, OR 24 MESH  
COVERING

HEAVY STEEL CONSTRUCTION  
GALVANIZED OR EPOXY COATED

If you irrigate, you know how important it is to keep equipment running smoothly and water flowing freely. Whether you are pumping water from a stream, canal, river, irrigation ditch, pit or sump, or a golf course pond, you need the water to be free of trash and debris that could block water flow and damage the pump or clog water-distribution equipment. Call factory for advice in waste treatment and manure lagoon usage.

The Clearwater Self-Cleaning Suction Screen is galvanized or epoxy coated and utilizes a heavy 12, 18, or 24 mesh stainless steel screen designed to increase pump efficiency. The screen continuously removes trash and debris from irrigation water that costs time and money in fuel, pumping efficiency and maintenance costs. And it can be used for agricultural, turf, industrial, centrifugal or turbine pump applications.

The suction screen is attached to the end of the pump in the water source. All water pulled in must go through the screen before entering the intake pipe. The screen stops trash and debris from

entering, plugging lines and causing costly maintenance repairs. The pump discharge return line drives two spray bars that continually rotate, jet water at the screen and blast debris away from the screen at 40 to 65 PSI Operating Range with a Standard Bearing and 40 to 100 PSI with the Sealed Bearing.

The Clearwater screen does operate in any position and has no exterior moving parts that can break down or need repair. It can be installed at any attitude without the operation being affected and is uncollapsible and corrosion resistant. It also has a standard flanged connection, and other connections are available upon request. The Y Strainer or Mini Filter – 18 mesh minimum is mandatory requirement – provides easy access for cleaning and prevents the supply line to the screen and the spray nozzle from plugging. Mesh sizes available in stock are 4, 8, 12, 18, and 24 mesh.

Let Clearwater clear your water for worry-free irrigating!

### SPECIFICATIONS

Model	Flow U.S. GPM 12/18m	Flow U.S. GPM 24M	Fish Screen Max GP For .4ft/ Sec	Screen Length	Total Length	Diameter	Flange Size	Return Inlet	Operate. Pressure	Weight Lbs.	GPM Used To Operate
CW100	200	165	180	9"	19.5"	12"	3"	1/2"	40-60	30	12
CW200	325	225	355	11"	25"	16"	4"	1-1/2"	40-65	58	20
CW400	550	400	485	15"	28.8"	16"	6"	1-1/2"	40-65	62	20
CW600	750	525	775	16"	32.5"	24"	8"	1-1/2"	40-65	102	20
CW800	950	700	875	18"	34.5"	24"	10"	1-1/2"	40-65	115	20
CW1000	1350	950	1115	23"	39.5"	24"	10"	1-1/2"	40-65	123	28
CW1400	1550	1075	1265	26"	42.5"	24"	12"	1-1/2"	40-65	131	28
CW1700	1800	1250	1475	28"	44.5"	26"	12"	1-1/2"	40-65	148	28
CW2000	2100	1450	1685	32"	48.5"	26"	14"	1-1/2"	40-65	160	36
CW2400	2600	1800	2125	35"	52.5"	30"	16"	1-1/2"	40-65	223	36
CW3000	3000	2075	2430	40"	57.5"	30"	16"	1-1/2"	40-65	236	44
CW3500	3500	2420	2750	40"	59.5"	36"	18"	1-1/2"	40-65	283	44
CW4000	4000	2765	3150	40"	63.5"	42"	18"	1-1/2"	40-65	358	44