

Clearwater Self-Cleaning Suction Screen



Field Tested, Dependable
Protection for Pumps
and Water Systems



Clearwater Self-Cleaning Suction Screen

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 STAINLESS STEEL
10, 18, OR 30 MESH
COVERING

HEAVY STEEL CONSTRUCTION
GALVANIZED OR EPOXY COATED

HEAVY BEARING
FOR LONG LIFE



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 10, 18, or 30 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.

The Clearwater screen – 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.

Let Clearwater clear your water for worry-free irrigating!

Model	Flow U.S. GPM 10/18m	30M	Screen Length	Total Length	Diameter	Flange Size	Return Inlet	Operate. Pressure	Weight Lbs.	GPM Used To Operate
CW200	325	225	11"	25"	16"	4"	1 1/2"	40-65	58	20
CW400	550	400	15"	28.8"	16"	6"	1 1/2"	40-65	62	20
CW600	750	525	16"	32.5"	24"	8"	1 1/2"	45-65	102	20
CW800	950	700	18"	34.5"	24"	10"	1 1/2"	45-65	115	20
CW1000	1350	950	23"	39.5"	24"	10"	1 1/2"	45-65	123	28
CW1400	1550	1100	26"	42.5"	24"	12"	1 1/2"	45-65	131	28
CW1700	1800	1250	28"	44.5"	26"	12"	1 1/2"	50-65	148	28
CW2000	2100	1475	32"	48.5"	26"	14"	1 1/2"	50-65	160	36
CW2400	2600	1800	35"	52.5"	30"	16"	1 1/2"	50-65	223	36
CW3000	3000	2125	40"	57.5"	30"	16"	1 1/2"	50-65	230	36

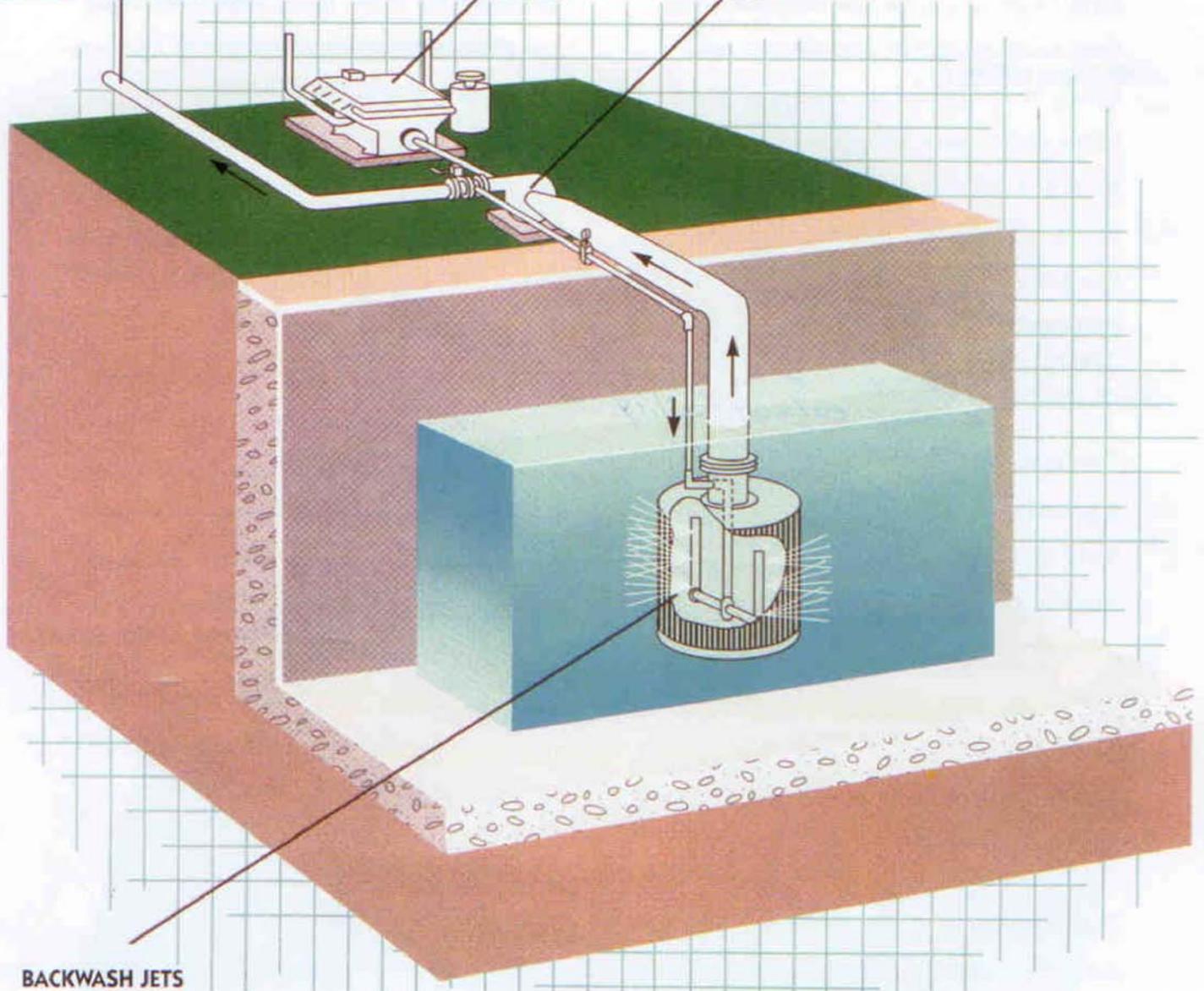
SPECIFICATIONS

Typical Application

DISCHARGE PIPE TO SYSTEM

POWER UNIT

PUMP



BACKWASH JETS

METRIC SPECIFICATIONS

Model	Flow M ³ /Hour		Screen Length MM	Total Length MM	Diameter MM	Flange Size MM	Return Inlet MM	Min. Operate Pressure Bars	Weight KG	Flow M ³ /Hour Used to Oper.
	10/18M	30M								
CW200	74	51	279	635	406	102	38	2.4	27	4.5
CW400	125	91	381	732	406	152	38	2.7	29	4.5
CW600	170	120	406	826	609	203	38	2.7	47	4.5
CW800	216	160	457	876	609	254	38	3.1	53	4.5
CW1000	307	216	584	1003	609	254	38	3.4	56	6.4
CW1400	352	247	660	1080	609	305	38	3.8	60	6.4
CW1700	409	288	711	1130	660	305	38	3.8	68	6.4
CW2000	477	336	813	1232	660	356	38	4.1	73	8.2
CW2400	591	409	889	1334	762	406	38	4.5	102	8.2
CW3000	682	480	1016	1461	762	406	38	4.5	105	8.2

"We won't sell it if we can't guarantee it!"

