



# CLEARWATER SUCTION SCREEN

Self-Cleaning Intake



FILTRATION SYSTEMS

# CLEARWATER SUCTION SCREEN

Field tested,  
dependable protection  
for pumps and water  
systems



The **Clemons Clearwater Suction Screen** is designed to filter larger contaminants on the intake piping to allow other equipment such as pumps or primary filtration units to run smoothly without clogging. Our self-cleaning screen is designed to continuously remove trash and debris from water sources saving you time, fuel and maintenance costs.

**Clearwater Suction Screen** can be used for agricultural, turf, industrial, centrifugal or turbine pump applications.

## APPLICATIONS

- Prevention of large foreign bodies of debris from entering pump intake piping
- 35–65 psi standard operating pressure
- Flow ranges from 325 gpm
- Can be used with virtually any water source to target the removal of larger debris—organic or inorganic

## ADVANTAGES

- Precision internal spray bars continually rotate and blast debris away from the screen
- No exterior moving parts that can foul and cause water blockage issues
- Housing utilizes a removable and replaceable stainless steel screen drum saving on repair costs
- Galvanized pump suction screen body
- Heavy gauge stainless steel mesh screen for increased pump efficiency
- Can be installed at any angle without the operation being affected
- Meets many state and federal standards requiring prescreening of pump intakes
- Standard with a flanged connection
- Improves primary filter downstream of pump by reducing the contaminant and loading concentration
- Made in USA

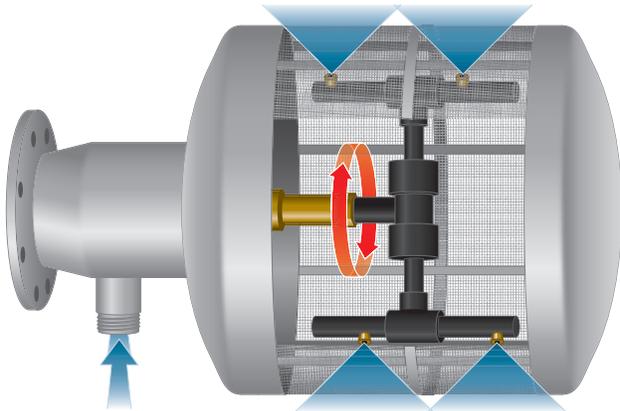
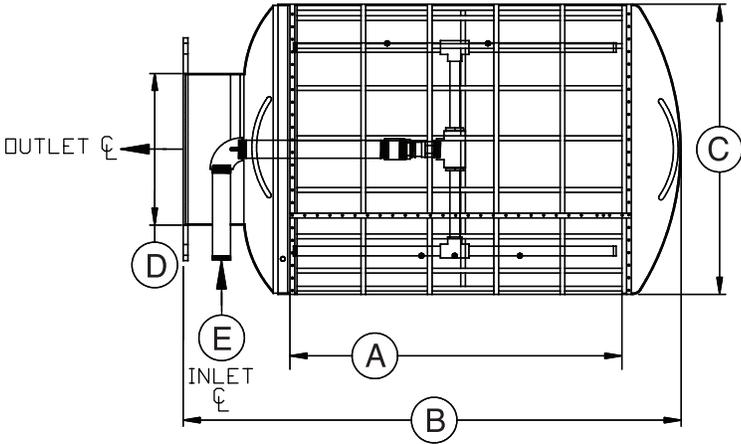
**STANDARD ASSEMBLY INCLUDES:**

- Galvanized carbon steel housing
- Stainless steel filter mesh
- Internally rotating spray bars for contaminant removal
- Y strainer—essential on the water jet supply line

**AVAILABLE OPTIONS:**

- Sealed bearing
- Stainless steel housing

SPECIFICATIONS   CLEARWATER SUCTION SCREEN   12 Mesh										
Model	Flow Rate		Standard Bearing Operating Pressure (psi)	Sealed Bearing Operating Pressure (psi)	Return Spray Bar (gpm)	A	B	C	D	E
	gpm	m <sup>3</sup> /hr								
CW 100	200	45	40 - 60	N/A	12	9"	19 1/2"	12"	3"	1/2"
CW 200	325	74	40 - 60	40 - 100	20	11"	25"	16"	4"	1 1/2"
CW 400	550	125	40 - 60	40 - 100	20	15"	28 3/4"	16"	6"	1 1/2"
CW 600	750	170	40 - 60	40 - 100	20	16"	32 1/2"	24"	8"	1 1/2"
CW 800	950	216	40 - 60	40 - 100	20	18"	34 1/2"	24"	10"	1 1/2"
CW 1000	1350	307	40 - 60	40 - 100	28	23"	39 1/2"	24"	10"	1 1/2"
CW 1400	1550	352	40 - 60	40 - 100	28	26"	42 1/2"	24"	12"	1 1/2"
CW 1700	1800	409	40 - 60	40 - 100	28	28"	44 1/2"	26"	12"	1 1/2"
CW 2000	2100	477	40 - 60	40 - 100	36	32"	48 1/2"	26"	14"	1 1/2"
CW 2400	2600	591	40 - 65	40 - 100	36	35"	52 1/2"	30"	16"	1 1/2"
CW 3000	3000	682	40 - 65	40 - 100	44	40"	57 1/2"	30"	16"	1 1/2"
CW 3500	3500	795	40 - 65	40 - 100	44	40"	59 1/2"	36"	18"	1 1/2"
CW 4000	4000	909	40 - 65	40 - 100	44	40"	63 1/2"	42"	18"	1 1/2"



Made in USA

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 **Clemons**  
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