# Clearwater Self-Cleaning Suction Screens

Clearwater Screens Operate In Any Position

## Model Options
- **CW100**
- **CW200**
- **CW400**
- **CW600**
- **CW800**
- **CW1000**
- **CW1400**
- **CW1700**
- **CW2000**
- **CW2400**
- **CW3000**
- **CW3500**
- **CW4000**

## Fish Screen Specifications
- **Max. GPM**:
  - 12 M: 180, 200, 375, 550, 750, 950, 1350, 1550, 1800, 2100, 2600, 3000, 3500, 4000
  - 24 M: 165, 225, 400, 525, 700, 950, 1075, 1250, 1450, 1800, 2075, 2430, 2765

## Flow Options
- **Flow U.S. GPM**:
  - 12/18 M: 200, 375, 550, 750, 950, 1350, 1550, 1800, 2100, 2600, 3000, 3500, 4000
  - 24 M: 165, 225, 400, 525, 700, 950, 1075, 1250, 1450, 1800, 2075, 2430, 2765

## Fish Screen
- **Mesh Sizes Available**: 4, 8, 12, 18, and 24 – (12 Mesh Is Standard)
- **Special Connections Available**: Call For Pricing

## Brass and Sealed Bearings
- **Brass and Sealed Bearings Come In One Size - Fits All Models**
  - Except for the CW100
  - *Models 3000, 3500, 4000 Offered Only with Sealed Bearing*

## Installation and Operating Instructions
- Page 40 & 41

## Purging Without Removing Screen
- Mini Inline Filter – Model M150 Epoxy
- Stainer (Clear) 1 1/2" Solvent Weld 60 to 70 GPM
- Strainer (Clear) 2" Solvent Weld 70 to 100 GPM

## New Flow Entry Control Vortex Tube Option
- See Pricing On Page 17

## Brass and Sealed Bearings
- **Brass and Sealed Bearings Come In One Size - Fits All Models**
  - Except for the CW100

## Weight
- **LBS.**
  - 30, 58, 62, 102, 115, 123, 131, 148, 223, 236, 283, 358

## Operating Pressure
- **Brass Bearing**: 40-65 PSI
- **Sealed Bearing**: N/A, 40-100 PSI

## Trouble Free Operation
- Under the worst conditions.
- 40 P.S.I. required to operate sealed bearing.
- 100 P.S.I. maximum operating pressure.

## Clearwater Screens
- **High Pressure Sealed Bearing 40-100 PSI**
- **Brass Bearing 40-65 PSI**

## Clemens Sales Corporation
- **SALES CORPORATION**
- **MADE IN THE U.S.A.**
NEW WIDE WAND
CLEARWATER SELF-CLEANING SUCTION SCREENS

Sealed Bearing Standard - Installation and Operating Instructions pg.40 & 41

Wide wand self cleaning suction screens are designed for heavy debris applications. Spray wands are moved closer to the mesh screen and two extra spray jets are added. Two extra spray jets maximizes the CW’s cleaning ability and increases the operating flow by 8GPM per unit over our standard clearwater screens. Wide wand CW’s come standard with sealed bearings.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>FLOW U.S. GPM</th>
<th>FISH SCREEN MAX. GPM FOR .4 FT. PER SEC. 12 MESH</th>
<th>SCREEN LENGTH</th>
<th>TOTAL LENGTH</th>
<th>DIAMETER</th>
<th>FLANGE SIZE</th>
<th>RETURN INLET</th>
<th>GPM USED TO OPERATE</th>
<th>SKID PLATE OPTION</th>
<th>VORTEX</th>
<th>OPERATING PRESSURE</th>
<th>WEIGHT LBS.</th>
<th>OPTION</th>
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<tbody>
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<td>CW600WW</td>
<td>750</td>
<td>525</td>
<td>775</td>
<td>16”</td>
<td>32.5”</td>
<td>24”</td>
<td>8” 1 1/2”</td>
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<td>1115</td>
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<td>14” 1 1/2”</td>
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Mini Inline Filter – Model M150 Epoxy
Stainer (Clear) 1 1/2” Solvent Weld 60 to 70 GPM
Strainer (Clear) 2” Solvent Weld 70 to 100 GPM

Purging Without Removing Screen

New Flow Entry Control Vortex Tube Option

HIGH PRESSURE SEALED BEARING
40 - 100 P.S.I. Operating Range

Standard in all Wide Wand models.

Mesh Sizes Available
4, 8, 12, 18, and 24 – (12 Mesh Is Standard)

Skid Plate Option

Wide Wand CW Models Operate In Any Position

Made in the U.S.A.
# CLEARWATER PARTS – 50 TO 200 GPM DIFFUSER SUCTION SCREENS

## Parts – Accessories

<table>
<thead>
<tr>
<th>Replacement Bearing CW100</th>
<th>PART No.</th>
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<tbody>
<tr>
<td>Replacement Bearing Brass (Models CW200 - CW2400)</td>
<td>2013</td>
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<tr>
<td>Replacement Vee Jets</td>
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<tr>
<td>Replacement Vee Jets S.S.</td>
<td>2015</td>
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<td>Sealed Heavy Duty Bearing (Models CW200 - CW4000)</td>
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<tr>
<td>Sealed Bearing Repair Kit (No Shaft)</td>
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<tr>
<td>Sealed Bearing Shaft Only</td>
<td>2018</td>
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<td>Skid Plates CW200 - 400</td>
<td>2019</td>
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<td>Skid Plates CW600 - 1700</td>
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<td>Skid Plates CW2000 - 3000</td>
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<table>
<thead>
<tr>
<th>No. 2023 STANDARD REPLACEMENT SPRAY ASSEMBLY LESS BEARING</th>
<th>No. 2024 WIDE WAND REPLACEMENT SPRAY ASSEMBLY LESS BEARING</th>
<th>No. 2025 REPLACEMENT 12 MESH SCREEN</th>
<th>No. 2026 REPLACEMENT 18 &amp; 24 MESH SCREEN</th>
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<tr>
<td>MODEL</td>
<td>CW200</td>
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**Clemmons Sales Corporation**

**Made in the U.S.A.**