

Advanced Cleaning Systems

ACS Series Spot Free Rinse Systems 1,800 to 7,200 Gallons Per Day



ACS-1800



ACS-3600



ACS-5400



Repressurization System

STANDARD FEATURES

- 316SS Multistage Centrifugal Pump
- Powder-Coated Aluminum Frame
- Pump Throttling Valve
- High Rejection TFC Membrane
- FRP Pressure Vessel
- Sediment Pre-Filter
- Inlet Solenoid Valve
- Concentrate Control Valve
- Concentrate Pressure Gauge
- 220 VAC, Single-Phase, 60 Hz
- Braided Stainless Steel Hoses

OPTIONAL FEATURES

- 50 Hz Motor, 1-Phase
- Control Package: Includes: a Control Box with On/Off Switch, Low-Inlet Pressure Switch w/ manual reset, and Contacts for Level Control and Pretreatment Lockout, Add Automatic Fast Flush to Control Package, Upgrade Low Pressure Switch from Manual to Auto Reset, Flow Meter, Concentrate Recycle Valve, Digital TDS Monitor/Controller
- 304 SS Pressure Vessels, Differential Pre-Filter
- Pressure Gauges, Pump Discharge Pressure Gauge, Upgrade to 3-Phase Motor

STANDARD FEATURES

- Available Systems for Automatic and Tunnel
- Range from 1500 GPD-6000 GPD
- TDS Monitor Standard
- Compact Free Standing Frame
- System shuts down while Carbon Filter and Softener Regenerates
- Low Pressure Cut Off Protects System from Low Water Flow

SYSTEM SPECIFICATIONS:

| Model | Production | | 3rd Year Operating Pressure | | Inlet Size | No. of Elements | Designed Recovery (without recycle) | Motor Phase | 60Hz/230V | | 50Hz/220V | |
|----------|------------|-------------------|-----------------------------|-----------------|------------|-----------------|-------------------------------------|-------------|----------------|----------------|----------------|--|
| | GPD | M ³ /D | Standard Model | High-Efficiency | | | | | Standard Model | Standard Model | Standard Model | |
| ACS-1800 | 1800 | 5.68 | 160 | 114 | 3/4" | 1 | 20% | 1.5 | 1.0 | | 1.0 | |
| ACS-3600 | 3600 | 11.35 | 145 | 117 | 3/4" | 2 | 32% | 1.5 | 1.0 | | 1.0 | |
| ACS-5400 | 5400 | 17.0 | 160 | 120 | 3/4" | 3 | 40% | 1.5 | 1.5 | | 1.5 | |
| ACS-7200 | 7200 | 22.71 | 155 | 124 | 3/4" | 4 | 50% | 1.5 | 1.5 | | 1.5 | |
| ACS-9000 | 9000 | 30.28 | 155 | 124 | 3/4" | 4 | 50% | 1.5 | 3.0 | | 1.5 | |

*Based on feed water with TDS of 1000 ppm and temperature of 25 deg. C (77 deg.F)

Weights & Dimensions: (Optional features may increase dimensions)

| Model | Approximate Shipping Dimensions | | | | Approximate Unit Dimensions | | | |
|----------|---------------------------------|---------------|----------------|-----------------|-----------------------------|---------------|----------------|-----------------|
| | Length (in/cm) | Width (in/cm) | Height (in/cm) | Weight (lbs/kg) | Length (in/cm) | Width (in/cm) | Height (in/cm) | Weight (lbs/kg) |
| ACS-1800 | 33/84 | 24/61 | 58/147 | 160/73 | 26/66 | 20/50 | 53/135 | 110/50 |
| ACS-3600 | 33/84 | 24/61 | 58/147 | 190/87 | 26/66 | 20/50 | 53/135 | 140/64 |
| ACS-5400 | 33/84 | 24/61 | 58/147 | 215/98 | 26/66 | 20/50 | 53/135 | 165/75 |
| ACS-7200 | 33/84 | 24/61 | 58/147 | 230/105 | 26/66 | 20/50 | 53/135 | 180/82 |



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