

Factory Direct Centrifugal Separators

Performance at an Economical Cost

The Electric H₂O Centrifugal Separator uses centrifugal force to separate suspended particles from the water. Concentrated particles are forced along the separator wall, traveling downward to the collection chamber, while the clean fluid is forced to change direction by the redirection plate. The vortex breaker allows the particles to settle in the collection chamber. Particles concentrated in the collection chamber are periodically purged or continuously bled from the separator as required by each application. Our Separator will remove 98% of particles greater than 40 microns and with a specific gravity of 1.8 or greater.



Separators for...

Heat Exchangers, Spray Nozzles and Pumps

Cooling Tower Water

Plant Influent Process Water

Recycling of Solvents

Machine Coolants

Carbon Steel Separators to 5000 gpm

NEMA 4X Control Panel

Inlet/Outlet Gauges, Vent and Purge Valves

Optional Automatic Purge

System Matched Pump

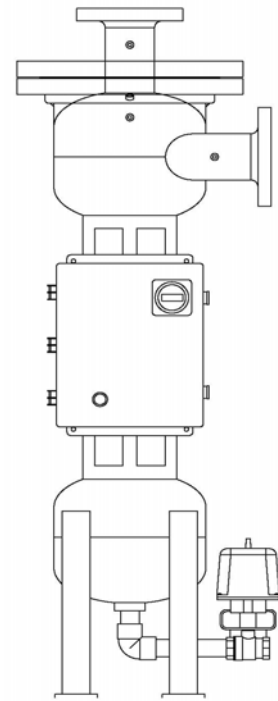
Optional Skid Mounted Package

ELECTRIC H₂O, INC.

Electric H₂O Centrifugal Separators

EH ₂ O Separator	Inlet/Outlet	Purge	Flow Range
			gpm

CS-50	1/2"	1/2"	10 to 20
CS-75	3/4"	3/4"	15 to 35
CS-100	1"	1"	30 to 60
CS-125	1.25"	1"	50 to 110
CS-150	1.5"	1"	80 to 150
CS-200	2"	1"	120 to 210
CS-300	3"	1"	195 to 330
CS-400	4"	1.5"	280 to 500
CS-500	6"	1.5"	320 to 750
CS-600	6"	1.5"	690 to 1350
CS-800	8"	1.5"	1000 to 2225
CS-1000	10"	2"	1500 to 3500
CS-1200	12"	2"	2000 to 5000

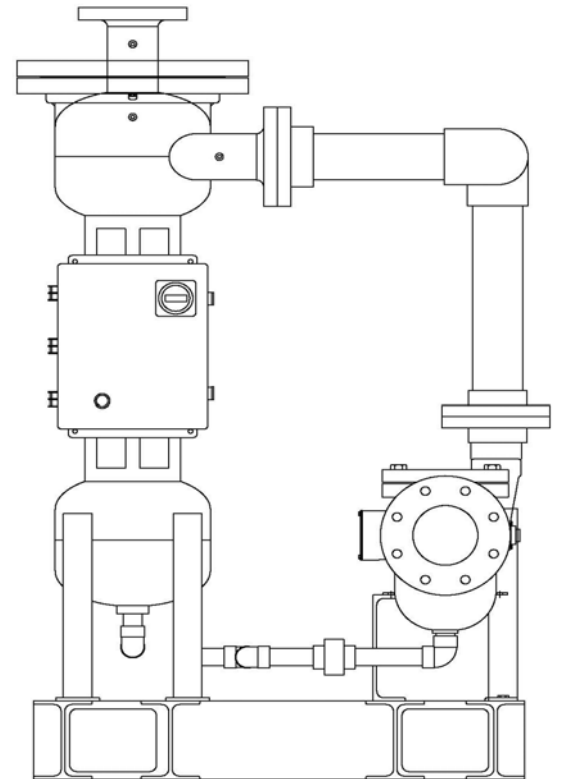


Electric H₂O Skid Mounted Package

Electric H₂O Skid Mounted Package includes:

- Manual Purge Valve Piped to a 50 micron bag filter
- Separator with non-removable Head
- Schedule 80 PVC Piping
- Bronze Manual Service Valve
- Cast Iron Pre-Strainer
- Bronze Filtted Close-Coupled TEFC pump
- NEMA 4X Electrical Panel
- Skid mounted on epoxy coated carbon steel base

EH ₂ O SMP Model #	Separator Size	Flow Rate gpm (50' TDH)	Pump HP	Pump RPM
SMP-100	CS-150	100	3	3500
SMP-150	CS-200	150	5	3500
SMP-200	CS-300	200	5	3500
SMP-300	CS-300	280	7.5	3500
SMP-400	CS-400	400	10	3500
SMP-550	CS-500	550	10	1750
SMP-850	CS-600	850	15	1750
SMP-1100	CS-600	1100	20	1750



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