

CARBON ADSORPTION SYSTEMS

Flow rate from 50 to 4200 gallons per min. Carbon loadings from 50 oz. to 600 oz per ton of carbon.



1000 GPM CARBON COLUMN SYSTEM

FEATURES:

- Center feed downcommer
- Fluidized, bed up-flow system
- Cascading gravity flow
- Evenly distributed flow
- No carry-over free-board
- By pass overflow weir
- Adjustable flow/level valve
- Wear band at high velocity zones
- Sturdy PVC bubble caps
- HDPE tray liner
- Low friction losses
- Drain nozzle
- Carbon bed expansions from 30% to 100%

- Superficial flow velocities gpm/ft^2
- Bottom with clean-out nozzle

OPTIONS:

- Stairs
- Ladders
- Handrail
- Walkways
- Eductors
- Recessed impeller pumps
- Trash and /safety screens
- Pipes, valves and fitting
- Barren tank
- Cone bottoms
- Carbon conditioning systems
- Transfer hoses

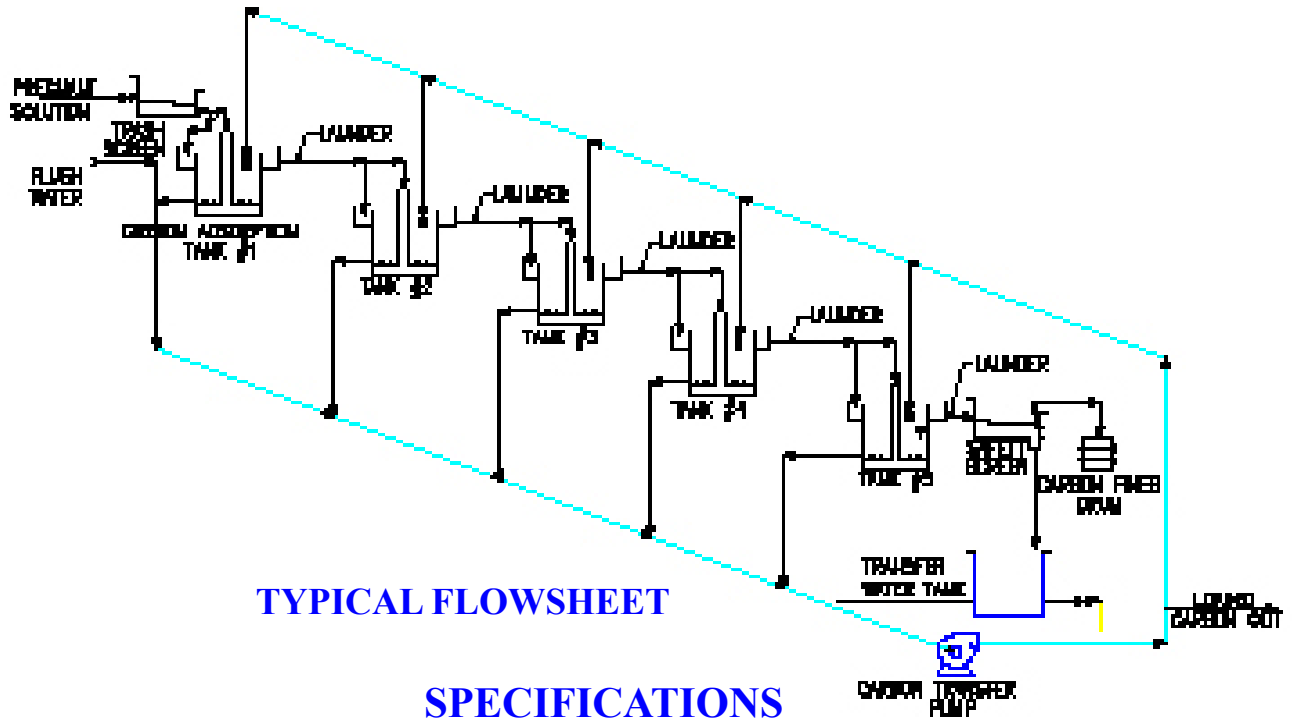
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TYPICAL FLOWSHEET

SPECIFICATIONS

Model No.	Flow Range (GPM)	Tank Dia. (feet)	Tank Height (feet)	Carbon Capacity Range (lbs)
ADS-2-75	50-100			
ADS-3-175	125-225			
ADS-4-310	200-400			
ADS-5-490	350-625			
ADS-6-700	500-900			
ADS-7-960	650-1225			
ADS-7.5-1100	750-1450			
ADS-8-1250	900-1600			
ADS-9-1590	1200-1950			
ADS-10-1960	1300-2500			
ADS-11-2375	1500-3000			
ADS-12-2825	1800-3500			
ADS-13-3310	2300-4200			