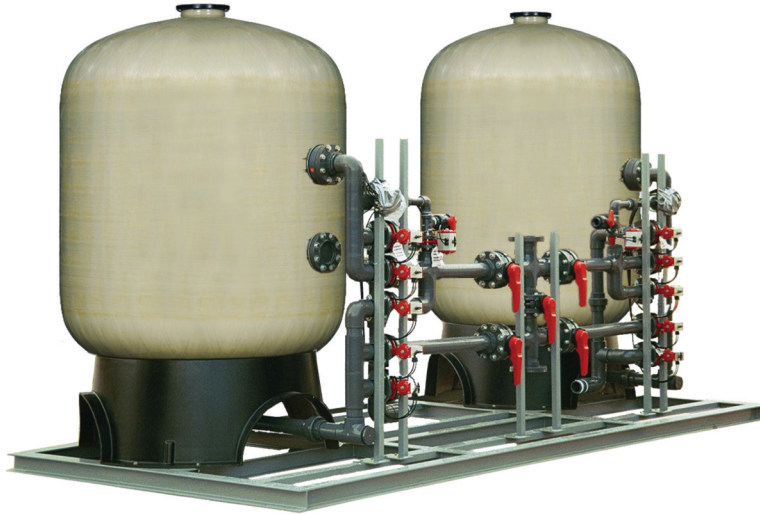


Water Tech

Commercial Activated Carbon Filters

Engineered activated carbon water filtration systems.



Custom twin system with valve nest shown above. Standard models are listed below.

Contaminates adsorbed:

- Chlorine
- Organic Chemicals
- Fertilizers
- TCE (Trichloroethylene)
- EDB (Ethylene dibromide)
- THM (Trihalomethanes)
- Sediment
- Odors
- Pesticides
- Detergents
- Chloramines

Selection & sizing concerns:

- Contaminant
- EBCT (Empty bed contact time).
- Service flow rate
- Hours of operation
- Carbon base
- Carbon mesh size
- Backwash requirement
- Installation space
- Drain location

Tank material FPR

Max. Pressure 150 psi

Max. Temp 120°

Adsorption Influencing Factors

Temperature Most effective 60°F - 80°F.

pH Most organics in water are more soluble at pH lower than 7.0.

Contact time Contact time is a very important consideration related to performance. Please contact tech support for more information.

Models

Part Number	Description	Valve	Pipe Size	FRP Tank Size	Media Cu. Ft.	Service Flow GPM	Pressure Drop PSI	Backwash Flow GPM	Ship Wt. (lbs)
N2058-14	AC14F2850	2850	1.5"	14X65	3	5/11	15/25	10	125
N2058-16	AC16F2850	2850	1.5"	16X65	4	7/15	15/25	12	190
N2058-22	AC22F2850	2850	1.5"	21X62	6	11/22	15/25	26	672
N2058-24-3150	AC24F3150	3150	2.0"	24X72	8	16/30	15/25	30	960
N2058-30-3150	AC30F3150	3150	2.0"	30X72	15	25/56	15/25	50	1463
N2058-36-3150	AC36F3150	3150	2.0"	36X72	20	35/75	15/25	70	2085
N2058-48-DVN	AC48FDVN	DVN	3.0"	48x72	35	60/130	15/25	125	3882
N2058-63-DVN	AC63FDVN	DVN	3.0"	63X86	50	75/187	15/25	210	6175

NOTE: Use lower flow rates (above) for increased contact time. Typical flow rates are from 4 and 2 minutes, empty bed contact time. Chloramines and some organics may require up to 10 minutes EBCT. For more information please contact technical support.

SAFETY MESSAGE: Wet activated carbon preferentially removes oxygen from air. In closed or partially closed containers and vessels, oxygen depletion may reach hazardous levels. If workers are to enter a vessel containing carbon, appropriate procedures for potentially low-oxygen environment should be followed.