

Water Softening Options for Commercial and Industrial Users

Choosing the right water treatment for commercial or industrial water softening is dependent on many factors specific to each industry. General features of water treatment options are described below but will vary, and professionals in the water quality industry can provide more information.



Interested in finding out more about salt and water softening? Check out our website at <https://www.wrc.umn.edu/watersoftening>.



	SINGLE TANK SOFTENER	TWIN TANK SOFTENER	COUNTER CURRENT SOFTENER	NON-SALT CONDITIONER	BRINE RECLAMATION	MULTIPLE TANK SOFTENER	REVERSE OSMOSIS	ZERO LIQUID DISCHARGE
SCALE								
COST	\$	\$\$	\$\$	\$	\$	\$\$\$	\$\$\$\$	\$\$\$\$
SALT USE								
WATER TREATMENT	Softens water	Softens water	Softens water	Limits scale build-up No hardness removal	Softens water	Softens water	Softens water and removes other contaminants	Softens water and removes other contaminants
MAINTENANCE	Clean brine tank every 1-5 years	Clean brine tank every 1-5 years	Clean brine tank every 1-5 years	Variable	Elution study every 2-3 years	Clean brine tank every 1-5 years	Replace membrane and filter as needed	Clean and maintain equipment as needed
WATER USE				Variable				
ENERGY USE								
	Residential	Commercial	Industrial					
				\$ Up to \$1500	\$\$ \$1500 - \$2500	\$\$\$ \$2500 - \$5000	\$\$\$\$ Over \$5000	