






Metal vs. Engineered Plastic

Engineered plastic cooling towers are the smartest choice

Metal	VS.	Engineered Plastics
<p>Costly maintenance Expensive disruptions when serviced, repaired or replaced due to rust and corrosion.</p>	 Maintenance, Service & Repairs	<p>Minimal maintenance Corrosion-proof, less moving parts, and direct drive fans.</p>
<p>One year warranty and 7 to 15 years.</p>	 Life Expectancy	<p>20 year warranty & 50+ year expected life.</p>
<p>Impacted by environmental factors Metal corrodes, scale deposits and water accelerates corrosion.</p>	 Corrosion	<p>Impervious to environmental factors Seamless plastic cannot corrode or require patches or re-coating.</p>
<p>Galvanization or low grade stainless New softened makeup water and chemical treatment causes premature failure and necessary repairs.</p>	 Chemicals	<p>Engineered plastic Not affected by chemicals, allows higher cycles of concentration with no damage and water savings.</p>
<p>Higher facility costs Damage to the facility, increased costs for water, chemicals, sewerage, and increased energy use.</p>	 Cost	<p>Lower facility costs 12% average savings of tower price in operating cost annually over the competition.</p>



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