



# The SnoWizard Difference

Learn why our SnoBall machine is the best in the business!

## Built for Durability: Old-World Craftsmanship

Although the Imitators still uses the aluminum door, legs and flange, SnoWizard has modernized its machine to avoid galvanic corrosion by switching to nylon and polycarbonate materials on these parts.



An aluminum flange on a competitor's machine after long-term exposure to stainless steel in a humidity. Even though this metal had been painted, water was still able to penetrate and facilitate galvanic corrosion.

The cabinets of most ice shaving machines are made of stainless steel, often with aluminum parts attached. When stainless steel and aluminum

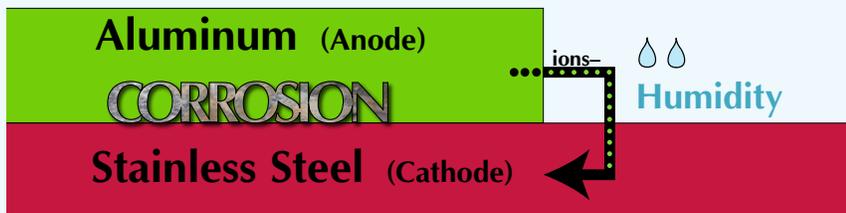
are next to each other in a humid environment, the aluminum parts are likely to deteriorate over time in a process called galvanic corrosion.

There are a few approaches to fighting galvanic corrosion. One strategy is to limit the electrical conductivity between the two metals, either with some form of insulation or coating. While this will slow the process, it will not necessarily stop it entirely. The better solution is to avoid placing these metals in contact with each other whenever possible, which is what we have done.

Keeping corrosion out of food areas is crucial to maintain compliance with board of health specifications. The SnoWizard ice shaving machine carries ETL approval to meet (NSF) and (UL) standards for sanitation and safety.



### The Science of Galvanic Corrosion



Galvanic corrosion can occur when two different metals are in contact with each other in a humid environment. Being an anodic metal, aluminum will corrode when it loses electron ions to a cathodic metal, such as stainless steel. Many batteries harness this type of electron flow to create an electrical current. While great for making electricity, this electrochemical reaction is undesirable in equipment!

### SnoWizard Parts Guaranteed to Never Corrode!



✓ NYLON FLANGE



✓ POLYCARBONATE DOOR



✓ NYLON LEGS

