

## Heavy cones (No or little aeration/overrun in the cones). Understanding and fixing the possible causes.



What is a heavy cone? A heavy cone is a Soft-Serve with little or no aeration. In a normal cone, between 25% and 40% of the total volume is air that is trapped inside the Soft-Serve giving it a light, fluffy texture. The air may have been lost for a number of reasons.

Why is this important? Firstly, a light, fluffy texture is preferred over an icy texture. Secondly, if you sell the same size cone but with no aeration, then you are giving away more Soft-Serve – and making less profit.

Possible causes and solutions:

- Wrong size air orifice selection for your machine or for our product. Solution: Change to a larger air orifice and experiment.
- Air orifice blocked. Solution: Check and clean.
- Breather tube inserted wrong way up.
- Blunt scraper blades. Solution: Replace the blades.
- Wrong temperature settings on the machine. Solution: Set to machine specifications.
- Over-beaten mix. Solution: Mix over-beaten mix 40:60 with fresh mix. Alternatively, discard over-beaten mix and start machine with fresh mix.
- Wrong mixing ratio. Solution: Discard and start over.



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