

ROSKAMP

steam chambers

quality steam conditioning for quality flakes.

To get the best-quality flakes, you need the right mix of temperature, retention time, and moisture (TTM). That's why the superior engineering of Roskamp's vertical, round expanding steam chambers enables an optimal mix of TTM. Our steam chambers are designed and sized to fit your unique steam flaking application requirements. And because our flakers are the most heavy-duty machines in the industry, our steam chambers are as well.

Consistent conditioning

The quality of steam conditioning can vary widely depending on the design of the vessel and steam supply system. Roskamp's steam chambers have a vertical, round design and utilize unique steam hoods to ensure consistent "first-in, first-out" product flow within the chamber. This is not only good for conditioning, but it also allows you to switch grains without emptying the chamber—just stop one grain and start another.

Perfect steam addition

Steam is metered and distributed through uniquely designed steam inlets. The external pipes are sized for max steam addition and strategically located outside the steam chamber. Our unique steam hood design assures uniform flow, low velocity, and high-volume steam to the chamber via pipes sized for maximum steam requirements.

Optimal design

Our round design is engineered for better efficiency when compared to rectangular-designed steam chambers. The round, vertical, inversely tapered design allows grain expansion, and the smooth, obstruction-free interior allows for uniform conditioning. Available in diameters of 45, 55, 65, and 90 inches, along with a wide range of heights, We offer a unique conditioning solution to match your space requirements.



STANDARD FEATURES

- 12-gauge stainless steel construction
- Stainless steel steam inlets provide precise steam distribution
- Multilevel steam addition
- External piping throughout
- Steam manifold with control valves
- Tempered sight glass inspection windows
- Cleanout doors for inspection and cleaning

OPTIONAL FEATURES

- 5-foot height extensions
- Vented inlet hood
- Digital temperature probes with LED readout

