

Waterfall Pouch Chillers

Give Your Hot-Filled Pouches a Cold Chill

The Waterfall Pouch Chiller from Garroutte cools your filled bags and pouches by 100°, or more, using recycled ambient and chilled water. This is the ultimate in gentle handling to prevent surface scarring or creasing.

The Waterfall Pouch Chiller becomes a system with the addition of a package collator/feeder unit and a balanced air dryer to remove moisture from the package surface after cooling.

Solid products, supported by outstanding service. That's what makes a Meyer, a Meyer.



S Y S T E M S

Heavy Duty Construction

Heavy-duty, all stainless steel construction keeps maintenance costs at a minimum.

Controlled Cooling

Where controlled cooling is essential for product quality in hot-filled, retorted, vacuumized, atmosphere-modified, or to-be-frozen packages, the Waterfall Pouch Chiller has become the machine of choice.

Highly Efficient Heat Transfer

A highly efficient heat transfer from package to water is made possible by cascading progressively colder water over the packaged product. We can put the coldest water on the coolest product.

Minimal Water Usage

All the cascading water is cleaned and recycled within the machine, keeping water usage to a minimum.

Uses Less Power

Refrigeration power for instantly chilling the recirculated water to a cold 34° uses about 1/3 the horsepower required in commercial freezers to remove the same BTU's.

Integrated Systems

Equipment can be furnished as stand alone or as a fully integrated system. Modular units make "custom" installations easy and economical.

Controlled Cooling

When controlled cooling is essential for product quality in hot-filled, retorted, vacuumized, atmosphere-modified, refrigerated, or to-be-frozen packages, the Waterfall Pouch Chiller has become the machine of choice. Strict time/ temperature specifications are easily met. Many products, hot filled (200°) into containers must be quickly cooled to stop the cooking action within the package. For others (refrigerated fresh foods), the product temperature must be reduced to 39°F. (5°C.) directly after processing to maintain the desired shelf life.

The Waterfall Pouch Chiller Module features the Garroutte-designed bank of heat exchanger plates that instantly re-chill the water to a cold 34°F. after cascading over the product. This system is supplied to specifications for either ammonia or freon (R-22) refrigerant, requiring only liquid and suction lines by others. Being located directly over (or adjacent to) the cascading flood pans,

the chiller delivers the newly re-chilled water immediately to the product traveling underneath, without

any loss of temperature.





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