

Indirect Cooler

Indirect Cooler for Lithium Chloride

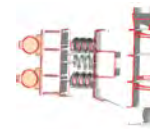
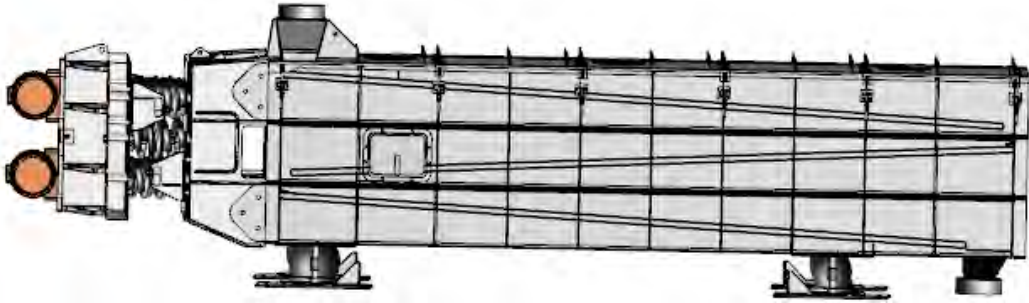
General Kinematics' New Alternating Flow Cascade (AFC) Indirect Cooler significantly improves the cooling process for Lithium Chloride and other hygroscopic products. Based on the company's core Two Mass Technology, the cooler is designed with linear conveying coupled with the true horizontal drive action evenly spreads and maximizes the product contact with the cooling decks. The modular deck design further tumbles the product for increased uniform cooling. Designed with a liquid plenum beneath each deck, cooling fluid is circulated in an opposed direction to the product, following a serpentine motion to optimize the cooling effect. Sealed feed, discharge, and deck chambers eliminate the need for dust collection and prevent moisture from entering making this unit ideal for hygroscopic products.

Indirect Cooler Overview

- Stackable design to further extend the cooling length
- Tumbles material after each turn for uniform cooling
- True horizontal drive action maximizes product contact duration with cooling deck
- Modular Deck Design allows customizable cooling zones
- Available with various steel trough construction including stainless steel, abrasion resistance and High nickel alloy for highly corrosive products
- Conveyor rate is controllable
- Eliminates need for dust collection
- Sealed chamber for hygroscopic materials
- Easy access doors for material handling
- GK's Two-Mass design requires a fraction of the horsepower of a conventional machine
- Vibration monitor system included



INDIRECT COOLER RENDERING



INDIRECT COOLER Specs

Function:	Cooling
Components:	Electric Motors, Isolation Springs, Reactor Springs, Steel Construction,
Construction Material:	Abrasion Resistant Steel, Mild Steel, Stainless Steel.
Power Requirements:	Less than 3 HP
Drive:	PARA-MOUNT II® Fixed Rate Drive complete with Galvanized reactor springs
Width:	60 in
Length:	12 ft
Cooling Length	180 Linear Feet
Weight:	15,000 lbs.
Capacity:	2,000 lbs./hr
Production Volume:	Built to Order
Benefits:	Low Maintenance, Reliable, Safe Operation, Energy Efficient
Secondary Services:	Customer Support, Field Service
Quality:	ISO Certified

Application Photos



REMEMBER: General Kinematics engineers, manufactures and installs a wide range of vibratory, rotary and process equipment. GK equipment is custom engineered to your application. Our mission is to not only provide a solution that works, but also to supply superior after market parts and service to our customers around the world.