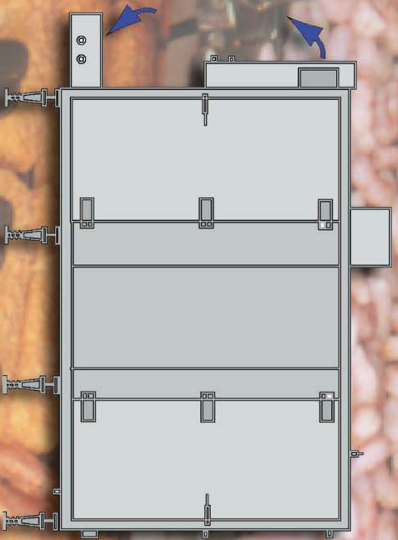


# ADVANCED I.Q.F. PACKAGED SPIRAL FREEZER

## The Optimum Food Freezing System



Balanced weaved belt for I.Q.F. product



Flex-wire belt for packaged products



Distributed by:



**ADVANCED EQUIPMENT INC.**  
[www.advancedfreezer.com](http://www.advancedfreezer.com)  
[info@advancedfreezer.com](mailto:info@advancedfreezer.com)

PLANT & OFFICE:  
2411 Vauxhall Place, Richmond, B.C.  
Canada V6V 1Z5  
Ph: (604) 276-8989 / Fax: (604) 276-8982



**ADVANCED EQUIPMENT INC.**  
**ADVANCED I.Q.F. FREEZER**

# THE MOST EFFICIENT AND RELIABLE SPIRAL FREEZER EVER OFFERED!

**A**DVANCED has utilized more than 50 years of proven spiral freezer, refrigeration and high technology enclosure design experience to create this more efficient and trouble-free freezing system. This spiral freezing system is a unique and most versatile design compared to other types of freezers. It can freeze or chill any delicate product ordinarily subjected to freezing damage, such as raw shrimp, raw hamburger, chicken patties specially prepared products and packaged products requiring a long retention time. This unique freezer has been successfully serving the worldwide food industry for over 15 years.

## GUARANTEED FREEZING QUALITY

The **ADVANCED PACKAGED SPIRAL FREEZER** assures excellent product freezing quality by continuously conveying the product without interruption from transfer, handling or pile-ups, until it is safely frozen. The product is minimized to as low as 0.15% shrinkage due to our unique impingement horizontal air flow pattern.

## GUARANTEED LOWEST OPERATION COST

The **ADVANCED PACKAGED SPIRAL FREEZER** has the lowest operation cost compared to CO<sub>2</sub>, nitrogen and other freezers. This is achieved by utilizing the most efficient mechanical refrigeration method, combined with our new unique low-pressure, high velocity, **IMPINGEMENT HORIZONTAL AIR FLOW** recirculation system. The horizontal air flow assures that coldest air off the coil are directly and continuously scrubbed heat from all sides of the product for each individual tier zones.

## GUARANTEED LOWEST INVESTMENT

The **ADVANCED PACKAGED SPIRAL FREEZER** is the most economical freezer offered in its class. Every component of the freezer is directly manufactured in our well-equipped engineering and manufacturing facility. We can afford to pass on the savings to our customers without sacrificing quality.

## GUARANTEED MANUFACTURING & DESIGN QUALITY

The **ADVANCED PACKAGED SPIRAL FREEZER** is completely factory assembled, and tested prior to shipping. The spiral conveyor is constructed with all stainless steel material. Refrigeration coils are constructed with continuous plate fin aluminum or hot-dipped galvanized steel to maximize heat transfer efficiency and length of operation intervals. The frigid air is delivered with aluminum high efficiency air fan wheels directly driven by high efficiency motors. Air flow baffling is constructed of heavy gauge aluminum for maximum air channeling and optimum heat removal from the product. The freezer enclosure is constructed with 5 inch thick foamed in-place high density urethane laminated with heavy gauge **STAINLESS STEEL SKINS**. All of the stainless steel inside joints are continuously **SEAL WELDED** against bacterial growth and moisture penetration. Outside joints can be seal welded as option. The spiral are driven by a variable frequency drive system for a smooth and safe speed control. There are safety switches to protect the center drum washer manifold and malfunction. For sanitation, the freezer is equipped with manual belt washer/dryer and internal center drum washer manifold as a standard feature. Full auto dean in place (CIP) system is an option. The freezer is built to USDA, CHA, CSA/UL, OSHA specifications with two years of limited warranty under normal operation.

## GUARANTEED CUSTOM DESIGN

**ADVANCED EQUIPMENT INC.** begins with a standard design that is carefully customized to meet most standard needs. However, we can also custom design our equipment to individual customer's requirement.

