

Soft Gel Drying Tunnels

LDT Model



- ✓ LIGHT-WEIGHT, SELF-SUPPORTING WALL MODULES FOR EASY ON-SITE ASSEMBLY
- ✓ CLASS 1 FIRE-RESISTANT MATERIALS
- ✓ MOIST-AIR TO DRY-AIR PATH HELPS PREVENT CAPSULE SKINNING
- ✓ SINGLE UNIT IS SIZED TO ACCEPT 14 STACKS OF SHALLOW DRYING TRAYS
- ✓ CUSTOMIZED DESIGN TO FIT YOUR PRODUCTION AND VOLUME REQUIREMENTS
- ✓ MEETS cGMP STANDARDS

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Technophar's Drying Tunnels have been designed to provide superior performance and offer the convenience of simple on-site assembly. Tunnels are provided in sub-assemblies that can easily be put together at your facility using the assembly equipment shipped with each tunnel. The LDT tunnels use Class 1 fire resistant materials that meet cGMP standards.

Features

- The tunnels are made of self-supporting walls using standard wall panels in a composite construction of two external skins of painted steel sheets or high-pressure plastic laminate, with a sealed and insulated interior of extruded Styrofoam. This is a Class 1 fire-resistant material meeting cGMP requirements.
- The tunnels are supplied in components and subassemblies to be set and assembled on the client's floor using installation accessories included in the Technophar shipment; technical assistance and supervision are provided by Technophar for the final installation.
- The tunnels are sized to accept up to 14 stacks of shallow drying trays.
- The number of tunnels is determined through calculation based on the output of the encapsulation machine and the type of product to be dried.

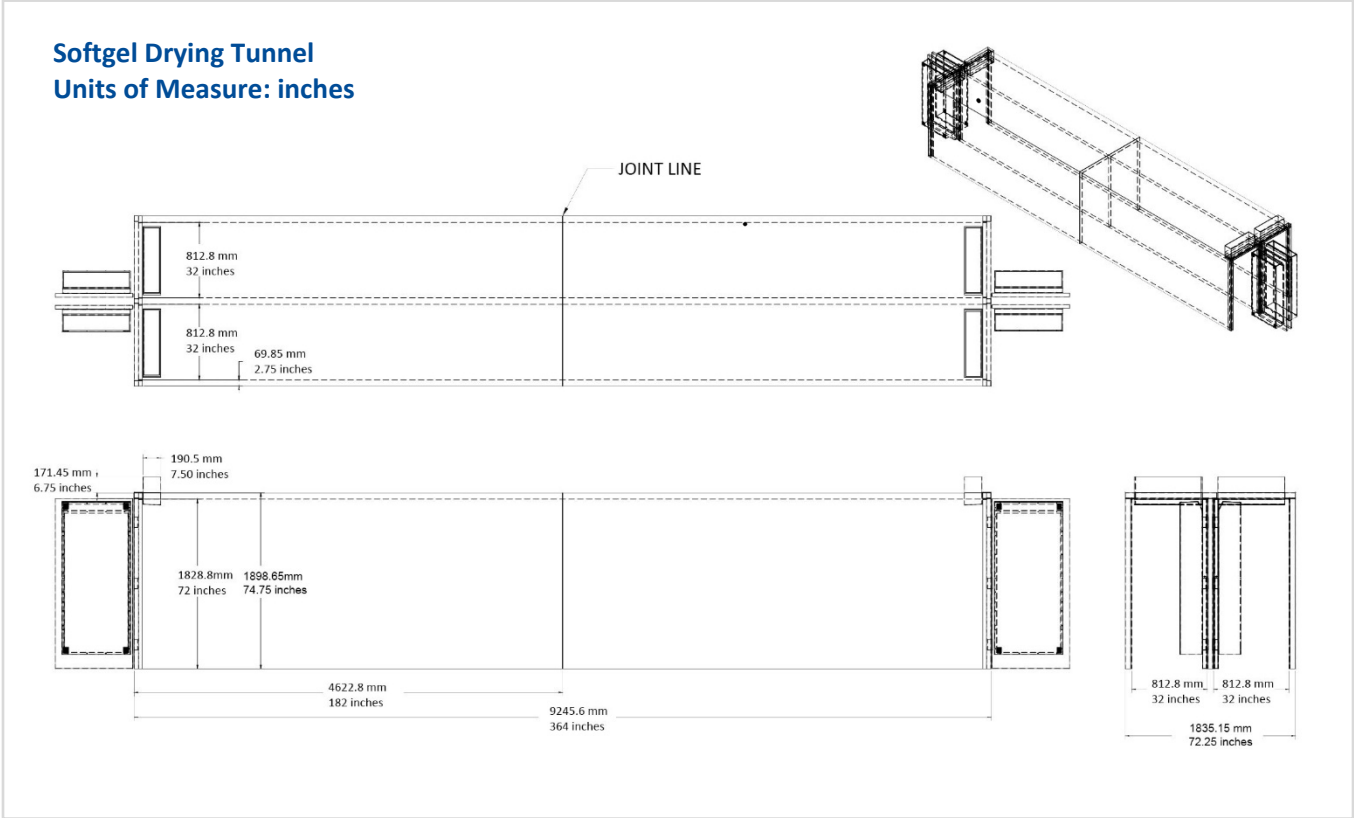
Mechanism

- In this application, drying air is supplied to the tunnel at the exit end of the product and pulled out from the tunnel at the entry end of the products.
- The drying air is moving along the tunnel countercurrent to the product, accumulating moisture as it approaches the end of the tunnel; as such, fresh product encounters moist air rather than dry air, preventing the skinning of the capsules. This helps ensure an efficient drying as the capsules move through the tunnel from moist to dry air as they exit the tunnel.

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Specifications



Model No.	
LDT	Drying Tunnels
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Dimensions (mm/inches)	9245.6 L x 1898.65 H x 1835.15 W (mm) / 364" L x 74.75" H x 72.25" W (inches)