

HS-3

SINGLE STAGE REFRIGERATION



**Clean Room
Compatible**



**Shelf
Stopping**



**Nitrogen Purge
Optional**

Key Features

H-Series Freeze Driers are the ideal solution for high end pharmaceutical, clean room, pilot & production use.

Our H-Series range provides the user advanced temperature, pressure & time control as well as an accurate shelf stopping system.

The HS-3 is a general-purpose, high performance pilot unit ideal for drying a variety of products in controlled environments. It is available in a clean room version where the accessible parts are external to the clean room. The HS-3 is suited for product development & medium-scale production.



Research



Lab



Pharma



Technical Data

HS-3

Ice Condenser Capacity	35kg
Ice Condenser Performance	20kg /24h
Ice Condenser Temperature	-55°C
Defrost	Hot Gas & Electric
Number of Shelves	6+1
Shelf Area	1.95m ²
Shelf Spacing	60mm
Chamber Temperature	-45°C to +60°C
Cooling systems	Air cooled
Refrigeration	Frigopop Single Stage
Unit Dimensions (H x W x L)	2.1m x 1.5m x 2m
Refrigerant	R404A
Vacuum	Kurt J Lesker RV224
Chamber Dimensions	850mm id x 850mm
Power Supply	380-415v 32a 3~
Control System	Manual or Automatic Control

FROZEN IN TIME
Manufacturers of freeze driers and vacuum cold traps