

**F-13****AUTOMATED****Fast Drying  
Capability****Fast Product  
Freezing****Moveable****Key Features**

F-Series driers are designed for food & industrial processes. The entire process from initial freezing to final drying can be done in a single pre-programmed cycle.

The F-Series can perform initial freezing of the product quickly via conduction.

This ensures the machines can slot into a fast paced production environment with ease.

The F-13 is ideal for medium scale product development and small-scale production activities. The machine is designed to freeze dry **13kg\*** of product over a 16-24 hour period.

\*dependant on product

**Food****Lab****Pharma****Technical Data****F-13**

|                             |                                |
|-----------------------------|--------------------------------|
| Ice Condenser Capacity      | 20kg                           |
| Ice Condenser Performance   | 15kg /24h                      |
| Ice Condenser Temperature   | -55°C                          |
| Defrost                     | Hot Gas                        |
| Number of Shelves           | 5 + 1                          |
| Shelf Area                  | 1.3m <sup>2</sup>              |
| Shelf Spacing               | 60mm                           |
| Chamber Temperature         | -45°C to +80°C                 |
| Cooling systems             | Air cooled                     |
| Refrigeration               | 20m <sup>3</sup> /h Compressor |
| Unit Dimensions (H x W x L) | 2m x 1m x 2m                   |
| Refrigerant                 | R404A                          |
| Vacuum                      | Kurt J Lesker RV224            |
| Chamber Dimensions          | 600mm id x 1400mm              |
| Power Supply                | 380-415v 15a 3~<br>240v 30a 1~ |
| Control System              | Automatic or Manual Controls   |

**FROZEN IN TIME**  
Manufacturers of freeze driers and vacuum cold traps



# WolfLabs

**Pricing on any accessories shown can be found by keying the part number into the search box on our website.**

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

**[www.wolflabs.co.uk](http://www.wolflabs.co.uk)**

**Tel : 01759 301142**

**Fax : 01759 301143**

**[sales@wolflabs.co.uk](mailto:sales@wolflabs.co.uk)**

Please contact us if this literature doesn't answer all your questions.