

# **Harvest Right Medium Scientific Freeze Dryer Specification Sheet**

## **Models 7000 (Stainless Steel Cabinet)**

Removable, heated shelving unit (6061-T6 Aluminum Alloy)

Shelf area of 4.0 square feet, 4 shelves at 8.0-inches by 18-inches

Shelf sized to meet application requirements are available

Shelf temperature down to -40°C (-40°F) for freezing, up to 48.9°C (120°F) for drying

Ice Capacity – 1 gallon or 3.8 liters

Internal condenser (1/3 hp – R410A), internal ice chamber

Customizable defrost cycle to remove ice

304L Stainless Steel Vacuum Chamber (12.75-inch diameter by 21.25-inch deep)

304L Stainless Steel Trays (7.5-inch by 18-inch by 0.75-inch deep)

Profiles – completely customizable processes including a freeze cycle and up to 5 steps which each having a custom time and temperature

Customizable shelf temperature ramp rate from 0 °F/min to 9999 °F/min

Customizable freeze drying vacuum pressure range

Vacuum Pressure real-time readout (~0 to ~4200 mTorr)

Network and remote connection capabilities

Factory calibrated and validation package

Overall dimensions – 20.75-inches wide by 27-inches deep by 30-inch tall (not including external vacuum pump dimensions)

Weight – 122 pounds

External vacuum pump – 7 CFM, oil demister

100-120 VAC, 50-60 Hz

GMP Compliant