

Frozen in Time Ltd.

Manufacturers of Freeze Drying Machines
and Vacuum Cold traps

D6/14 General Purpose Freeze Drier

D6/14 Specification

OVERALL DIMENSIONS: 900mm wide x 1450mm high x 1600mm length

SPECIMEN CHAMBER: 600mm diameter x 1400mm length stainless steel.

APPROXIMATE TRAY AREA: 5-12 square meters of aluminium mesh trays depending on shelf spacing.
(Stainless steel mesh or sheet, optional)

CHAMBER INSULATION: 50mm thick closed cell foam rubber

CHAMBER HEATING: Heating element on outside wall of chamber with temperature control from -40°C to + 40°C

VACUUM CHAMBER DOORS: Clear acrylic for observing the process.

VACUUM PUMP: Two stage pump with exhaust filter.

REFRIGERATION SYSTEM: Frigapal semi hermetic air-cooled refrigeration system working on specimen chamber and condenser chamber as required.

CONDENSER CHAMBER TEMPERATURE: -55°C.(Nominal) No load temperature.

REFRIGERANT: R449A non-CFC low GWP.

INSTRUMENTATION AND CONTROLS: Liquid crystal vacuum and temperature displays. Refrigeration, vacuum pump, defrost and heater switches on a touch sensitive membrane keypad with LED's to show active functions.

POWER REQUIREMENTS:

380V – 400V 20amp 3 phase supply

Software available to control the freeze drier from a PC for documented traceability.

WARRANTY

12 months from delivery date, parts and labour cover

Part No's D6/14 FIT/LYO/13/2

Please enquire for more detailed specifications and prices



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