

Frozen in Time Ltd.

Manufacturers of Freeze Drying Machines
and Vacuum Cold traps

D9/17 & D9/25 Freeze drier

D9/17 and 9/25 Specifications

OVERALL DIMENSIONS (D9/17): 1100mm wide x 1800mm high x 1800mm length
(D9/25) 2,700mm length

SPECIMEN CHAMBER (D9/17): 900mm diameter x 1700mm length stainless steel.
(D9/25) 2500mm length stainless steel

APPROXIMATE TRAY AREA: (D9/17) 9 to 15 square meters of aluminium mesh trays depending on shelf spacing
(D9/25) 14 to 20 square meters of aluminium 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 36amp 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 D9/17 FIT/LYO/16/2 D9/25 FIT/LYO/19/2
Please enquire for more detailed specifications and prices

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