



LLS QUICK VIEW · YAMATO SCIENTIFIC

Freeze Dryer with Refrigerated Cold Trap 4 L, 220V

SKU DC-401-220V · Cold Storage · Freeze Dryers



TECHNICAL SPECIFICATIONS

EXTERNAL DIMENSIONS

W340 × D450 × H720 mm

REFRIGERANT

R404A, 225 g

REFRIGERATOR

Air-cooling type, 400 W

PRESSURE INDICATION

Pirani gauge

LOWEST REACHED TEMPERATURE

-45°C (trap)

TIME TO REACH LOWEST TEMPERATURE

50 min (20°C → -45°C, no load)

WEIGHT

Approx. 43 kg

EXHAUST PORT

∅17 mm

BASE MODEL

Yamato DC401

VACUUM PUMP

Required, not included (≥50 L/min, ultimate 1×10⁻¹ Pa...)

VOLTAGE / POWER

220V, 50/60 Hz (base spec sheet rated AC100V, 6 A...)

DEHUMIDIFYING CAPACITY

Max. 0.6 kg

USABLE AMBIENT TEMPERATURE

5 to 30°C

METHOD

Storage water-heater body-cooling method

CHAMBER

SUS304, cylindrical, ∅153 × H235 mm

CHAMBER CAPACITY

Approx. 4 L (max. trap capacity ~0.6 L)

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