



LLS QUICK VIEW · YAMATO SCIENTIFIC

Benchtop Water Circulator (Chiller) 3.4 L, 115V

SKU CB-100-115V · Cold Storage · Chillers



TECHNICAL SPECIFICATIONS

TEMP RANGE

-10°C to 80°C

BASE MODEL

Yamato CB-100

CIRCULATION PUMP

Induction motor, 40 W

TEMPERATURE SENSOR / DISPLAY

Pt100Ω; 7-segment 3-digit white LED, resolution 0.1°C

POWER SOURCE

Single phase AC115V, 13 A, with plug

WATER BATH CAPACITY

~3.4 L (liquid volume 2.3 L)

SYSTEM / CIRCULATING WATER

Closed circulation / tap water (anti-freeze solution for...

TEMPERATURE CONTROL ACCURACY

±0.1°C

WEIGHT

~22 kg

MAX. FLOW RATE

8 L/min

COOLING CAPACITY

~230 W (liquid temp. 10 °C)

MAX. HEAD

4.7 m

COOLING PIPE / BATH

SUS304

REFRIGERATOR / REFRIGERANT

Air-cooling / 100 W / R134a (GWP 1430)

TEMPERATURE CONTROL SYSTEM

Refrigerator control + heater PID (-10 to 50°C...

OPERATING AMBIENT TEMPERATURE

5 to 30°C

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