



LLS QUICK VIEW · YAMATO SCIENTIFIC

Natural Convection Oven 153 L, 220 V

SKU DX-612C · Thermal Processing · Natural Convection Ovens

The Yamato DX-612C is the 220 V, 153 L top-capacity model of the DX natural-convection drying-oven family, a constant-temperature gravity-convection



TECHNICAL SPECIFICATIONS

VOLTAGE

220 V, 50/60 Hz (export variant of the 100 V base model)

EXTERNAL DIMENSIONS

700 × 640 × 830 mm

TYPE

Natural-convection constant-temperature drying oven

SENSOR

K-thermocouple

INCLUDED

2 shelves (15 kg/shelf load), instruction manual...

CONTROL SYSTEM

PID heater control by microcomputer

TEMPERATURE CONTROL ACCURACY

±1°C (brochure condition, exhaust port fully open)

EXHAUST PORT

Rotating damper, avg. 20 % opening when closed

TEMP RANGE

40-280°C (rated max operating temperature)

INTERNAL DIMENSIONS

600 × 510 × 500 mm

HEATER

Iron-chrome heater, 1.36 kW

WEIGHT

Approx. 56 kg

OPERATION MODES

Fixed temperature, quick auto-stop, auto-stop, auto-start

TEMPERATURE RISE TIME

Approx. 80 min (ambient to 280°C)

TEMPERATURE DISTRIBUTION ACCURACY

±10°C (at 280°C, exhaust port fully open)

CHAMBER VOLUME

153 L

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