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You can read the recommendations in the user guide, the technical guide or the installation guide for SANYO MCO-80IC. You'll find the answers to all your questions on the SANYO MCO-80IC in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual SANYO MCO-80IC
User guide SANYO MCO-80IC
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Think GAIA
For Life and the Earth

SANYO

Reach-in CO₂ Incubator

MCO-80IC



SANYO's large capacity, Reach-in CO₂ incubator has the capacity and flexibility to grow with your culturing needs while providing a precise and repeatable temperature, humidity and CO₂ environment.

Model: MCO-80IC, 30.1 cu. ft. (851 L)



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Manual abstract:

I.D. control, and features exceptionally low CO₂ gas consumption. Superior CO₂ and Temperature Control · Infrared (IR) CO₂ sensor with P.I.D. microprocessor control and forced air circulation system delivers fast CO₂ recovery characteristics. · Exceptionally low CO₂ gas consumption rates, less than half of similar competitive units. · P.I.

D. temperature control with deviation of +/- 0.1°C Usability · 30.1 cu.ft.

(851L) large capacity cabinet allows flexibility in usage. · Cabinet will accommodate a roller bottle apparatus, 5 bottles wide x 7 bottles high (requires mounting ramp kit, MCO-80RBS). @@@@The unit can be set to both nominal and high humidity setpoints. @@@@SANYO's proprietary IR sensor with P.I.

D. @@@@with thermistor sensor, Temp. fluctuation range ±0.1°C Digital display (0.1°C increments) 20°C to 35°C (Ambient temperature + 5 °C) to 50°C ±0.5°C (AT 25°C, SV 37°C, CO₂ 5%, No load, 9 point measurement) ±0.1 (AT 25 , SV 37°C, CO₂ 5%, No load) Heated vaporization with water in humidity pan (High humidity mode available) Over 80%RH (High humidity mode: over 90%RH) Selectable by function mode (for over 90%RH) 15 days (Reference) (Under a condition of AT20°C, SV 37°C, CO₂ 5%, no load, no door opening, and 80%RH) Drainage valve (lower side of front frame) Drainage into a drainage tray/bottle (provided) Water fill located at the front side of interior bottom Water supply connection (chamber bottom rear side) Tank connection only (Direct connection with public water line is not advised), Solenoid valve opens in response to low water level sensor Drain outlet on front lower side Microprocessor P.I.D. with infrared sensor Digital display (0.

1% increments) 0% to 20% ±0.15% AT 25°C, SV 37°C, CO₂ 5%, no load 15 psi (0.1 MPa) at injection 605 lbs. (275 kg.) Forced air circulation, Horizontal laminar cross shelf airflow 115V, 20 Amps, 60 Hz, NEMA 5-20P Plug Interior Duplex: Vapor Proof. 115V, 3 Amp. Max. Rating - Exterior Duplex: 115V, 1Amp. Max. Rating High/Low temp.

alarm, CO₂ density alarm, Upper limit temp. alarm, Door ajar alarm N.O. (normally open) and N.C.

(normally closed) contacts included, rating DC 30V, 2A Built-in type gas automatic switcher kit (MCO-80GC) Roller bottle apparatus mounting ramp kit (MCO-80RBS) Inner Door Kit MCO-80ID 5 partition doors, made with acrylate resin UV sterilization system (MCO-80UVS) Sterilization of humidifying water reservoir only Automatic water supply system kit (MCO-80AS) Includes control box, water tank, water supply hose, 18L (4.8 gallon) tank Additional shelf (MCO-80ST) 4 to 20 mA analog output module (MCO-420MA) CO₂ tank regulator, (MCO-100L) Access ports Humidifying reservoir Humidifying water sterilization system (option) Heating method Temp. control system Temp. display Ambient temperature condition Temp. controllable range Temp. distribution Temp. fluctuation margin Humidifying method Chamber humidity High humidity mode Humidifying water retention days (Reference) Water drainage Water Fill Automatic water supply system (Option) Overflow CO₂ gas control CO₂ level display CO₂ gas range CO₂ level fluctuation range CO₂ gas inlet pressure Net unit weight Inner circulation system Power requirements Interior/Exterior convenience receptacle Alarms Remote alarm contacts Options My life. My work. My choice. @@.



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