

# SOLARBOX E AIR COOLING UNIT

SOLARBOX E air cooling unit for test of thermosensitive materials

This cooling unit provides fresh air at temperature of 7 °C.

The flow rate is controlled by SOLARBOX B.P.T. sensor inside of test chamber.

This option allow a reduction of temperature of up to 13 °C and is recommended for testing the photostability of pharmaceutical, cosmetics agrochemical products etc.

The temperature selected is stabilised and monitored but the minimum temperature we can get is influenced by the radiation level selected and directly dependent on ambient laboratory temperature.



## Specifications:

Voltage/phase/Frequency: 220/1/50-60 Hz

Height/Width/Depth mm.: 1049x406x434

Weight kg.: 55

Noise level dB(A) : 65

Cooling capacity W.: 800

Power absorbed W.: 860

Current absorbed A.: 4,2

Current absorbed start: 17

R134a refrigerant charge Kg.: 0,600

Evaporator fan air flow mc/h: 860

Structure in painted steel plate RAL 7032 orange peel finish

Alternative hermetic compressor including protection

Condenser coil in copper pipe and aluminium fins

Evaporator coil in copper pipe and aluminium fins

Regulating mechanical thermostat set at 7°C, regulation range 5 – 31°C

Antifreeze mechanical thermostat set at - 5°C

Refrigerant circuit safety pressostat

Condense dissipator

Synthetic air filter with protection grill

CE mark, conformity to standards: CEI EN 60 335-1, UNI EN 292,

CEI 55014, EN 500082-1-2, IEC 801-2, IEC 801-4.

