Attachment II - Specifications

SPECIFICATIONS

PROJECT INFORMATION

Project: Vacuum Oven VDO 100, 101L, 230V or like model
Project location: USDA-ARS, Aquatic Animal Health Research Unit
990 Wire Road, Auburn, AL 36832

REQUIREMENTS and SCOPE

We seek to obtain a Vacuum Oven VDO 100 230V or a model that is of like size and specifics listed below.

Specifications needed for the incubator shaker.

- 230 V
- Temperature range: Minimum 5 above ambient temperature up to 200 °C
- Temperature measured individually through four-wire PT100 sensors for each thermoshelf
- Integrated over- and under-temperature alarm protection 'AutoSafety', automatically following the setpoint value at a pre-set tolerance range
- Vacuum control range: 5 to 1100 mbar
- Controller with two TFT displays
- USB port and Ethernet interface to connect the unit to a network
- Inert gas inlet
- 8-pin switch output to control a vacuum pump via vacuum drying oven
- Vacuum Pump, 230 V (±10%), VO101
- Additional aluminum thermoshelf, VDO100