

OPERATING INSTRUCTIONS

To ensure potency of vaccines and reliable operation of your vaxicool™, please read these instructions.

Two internal, rechargeable batteries power the vaxicool™. The batteries maintain a full charge only when the vaxicool™ is connected to AC power (grid) or a solar panel. Fully charged internal batteries alone will power the vaxicool™ for approximately 16 hours with an ambient temperature of 43°C/110°F.

Operating with internal batteries:

1. Plug (chained to vaxicool™) must be installed in Battery Connector.
2. Fully charged internal batteries will show approximately 14.0 V on vaxicool™ display and VOLTAGE light will flash green. If VOLTAGE light flashes yellow, batteries will need to be recharged soon.

Operating with external automotive-type battery or automotive cigarette lighter:

1. Remove plug (chained to vaxicool™) from Battery Connector.

CAUTION

Perform steps in order. Do not connect battery cable clamps to battery when battery cable is connected to vaxicool™. Do not smoke, have open flames, or make sparks around a battery. Lead acid battery gasses can explode and cause injury.

2. (a) Connect battery cable clamps to battery or; (b) connect cigarette lighter cable to cigarette lighter.
3. (a) Connect battery cable to Battery Connector or; (b) connect cigarette lighter cable to PV / AUX connector. VOLTAGE light on vaxicool should be flashing green. If yellow light is flashing, batteries may need to be recharged.

Operating with solar panel:

1. Internal or external battery(s) in a good state of charge must be connected when using solar panel. Vaxicool™ will not operate properly if battery(s) are not connected. Connect internal or external battery(s).
2. Connect solar panel to PV / AUX connector. VOLTAGE light on vaxicool™ should be flashing green. If yellow light is flashing, batteries may need to be recharged.

Opening and closing the lid: The lid is weighted to stay closed normally. Always use the two lid latches to secure lid.

Pre-cooling: Ice or ice substitutes may be used to pre-cool the payload area. When the TEMPERATURE light is flashing green, the vaxicool™ is ready for the vaccine load.

NOTE: Bottles of cold water can be used in place of the ice substitute if necessary.

Checking for proper operation:

Check VOLTAGE and TEMPERATURE lights and display periodically during operation.

1. Both lights should be flashing green.
2. If either light is flashing yellow or red, immediately check the display for temperature (T) and battery voltage (V). Check power cable also.
3. If an audible alarm (beep) is heard, check warning lights and display immediately.

Preventive maintenance:

WARNING

Disconnect all external power when cleaning the vaxicool™. Completely dry the vaxicool™ before reconnecting it to external power.

Use a clean, damp cloth for cleaning. Use mild soap and water for stubborn stains.

MODEL VX30PPNR
SWITCH POSITION MUST BE ON
INTERNAL AT ALL TIMES