



MEDICAL MAINTENANCE EQUIPMENT TIP SHEET

Medical Device Nomenclature

Ventilator Volume Portable

LIN: V99788

NIIN: 016485814

Manufacturer: Hamilton Medical, Inc.

Model: T-1

User and Maintainer Resources (*Medical Materiel Information Portal*)
<https://a01.usamma.amedd.army.mil/mmip/Catalog/Item/016485814>



Types of Organizations Who Have the Device:

- Hospital Center
- Combat Support Hospital
- Support Aviation
- Forward Resuscitative/Surgical Team
- Special Forces Group

Level of Support: Field

- Operator Cleaning: Disinfection and sterilization
- Preoperational Checks: Tightness test, flow, circuit, oxygen cell, and CO2 sensor operator calibration
- Preventative Maintenance: Electrical safety inspections, verification of system outputs, and validation of system calibration
- Device Repair: Assembly and/or sub-assembly level. Modules and printed circuit boards (PCB) will be repaired by replacement

Level of Support: Depot

- Module and PCB Repair: Any overhaul and/or rebuild must be authorized by the Program Management Office-Medical Device Assembly Management

Startup List:

https://a01.usamma.amedd.army.mil/mmip/Content/filestore/Start-Ups/6515-01-648-5814_VENTILATOR%20VOLUME%20PORTABLE_HANDBOOK_INSERT_STARTUP_111519.pdf

Field Maintenance Tips: Battery

- Use of the battery is mandatory. The battery is used as an internal backup battery.
- Batteries will not charge if the ambient temperature is above 109.4°F (43°C).
- Batteries are hot-swappable; that is, they can be replaced while the ventilator is operating. Replace with a newly charged battery.
- Battery run times vary with settings, environmental conditions, and battery age. **For example:** a display brightness setting of 80% will yield approximately 4 hours of charge under normal use.
- While connected to primary power, the ventilator takes 3 hours and 15 minutes to fully recharge.

Li-Ion Battery Part #: 369108

Battery Charger / Calibrator Part #: 369104

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