

***Medi-Fridge***<sup>™</sup>  
MICRO-REFRIGERATOR

Patent Pending

Use and Care Manual

and

Warranty

Model MF-TEC-3V1P-401-A

# *Medi-Fridge*™

## USE AND CARE MANUAL

**OVERVIEW:** Your Medi-Fridge Portable Micro-Refrigerator was designed to provide a convenient and affordable way to keep medicines (such as insulin or other medicines that are injected) at a safe temperature during:

- **Travel** – Travel often exposes medicines to extreme temperatures: Luggage compartments, Hotel rooms (when guests are out of the rooms, climate control is often turned off), Taxis, Airlines, and other forms of transportation.
- **Work and Home**– Many work environments reach extreme temperatures; even climate controlled areas can be shut off at the end of the business day. Most people prefer privacy for their insulin storage, rather than placing it in a “shared” refrigerator. Similarly, there may be temperature and privacy issues at home.
- **Vehicles and Outdoors** – Vehicle temperatures can exceed 100°F within minutes when the a/c is turned off. Refrigerated medicine storage is needed for Autos, Trucks, Boats, RV’s, and Motorcycles, as well as outdoor activities.

**UNSAFE TEMPERATURES:** Temperatures over 85°F may damage or destroy your medicines’ effectiveness or potency. “Good insulin care begins with how the insulin is stored. Insulin does not work well...when exposed to extreme temperatures. It will stay fresh...as long as its temperature stays under 86°F.” (Copyright © 2006 American Diabetes Association; From <http://www.diabetes.org>; Reprinted with permission from *The American Diabetes Association*”).

The U.S. Food and Drug Administration states: “According to the product labels from all three U.S. insulin manufacturers, it is recommended that insulin be stored in a refrigerator at approximately 35 to 46 degrees F. As a general rule, insulin loses its potency according to the temperature it is exposed to and length of that exposure. In any case, you should try to keep insulin as cool as possible. Try to keep insulin away from direct heat and out of direct sunlight, ...also avoid freezing the insulin.”

If patients or healthcare providers have specific questions about the suitability of their insulin, call the respective manufacturer of the insulin or medicine in question.

**POWER SOURCES:** Your Medi-Fridge Portable Micro-Refrigerator will operate from either a 12V DC power source (auto socket) or 110V AC outlet (house current)

**PORTABLE:** The Micro-Refrigerator is: Small 8 ½” L x 2 5/8” W x 4 3/16” H. Lightweight 1 lb. 6 oz; 0.63 kg.

**TECHNOLOGY:** Your Medi-Fridge Portable Micro-Refrigerator uses space-age thermoelectric technology to protect your medicine. It has only one moving part with a trouble free life expectancy up to 50,000 working hours, up to six (6) years of continuous operation.

**MEDICINE STORAGE:** Your Medi-Fridge Portable Micro-Refrigerator will hold up to three standard 10ml vials ( 7/8” diameter and 2-1/8” length) or one injectable pen (up to 1” diameter and 7” in length)

## **OPERATING THE MICRO-REFRIGERATOR**

Your Medi-Fridge Portable Micro-Refrigerator was designed for simple, easy operation. It will operate in any position and in most locations. To operate, simply choose the power connector that is right for the situation.

- Your Medi-Fridge was shipped with two power cords: a 12V DC connector (auto socket) and a 110V AC adapter (house current). Both power cords plug into a receptacle located in the back of the Medi-Fridge.
- To connect the power cord, align the small raised area in the bottom of the receptacle and the matching notch of the power cord plug. **Modifying the power cords or using a cord that was not supplied by Medi-Fridge can damage the unit, void your warranty and jeopardize your medicine’s effectiveness.** A small green light will illuminate when the Medi-Fridge is running.

**TEMPERATURE CONTROL:** Your Medi-Fridge has an internal temperature switch that is pre-set to turn the unit on when the internal temperature exceeds 50°F and to turn off when it falls below 40°F. Medi-Fridge will maintain safe temperatures for up to 10 hours after being unplugged, depending on ambient temperatures.

**USE and CARE:** The Medi-Fridge has a magnetic latch and a rubber seal. To open and close the unit, simply lift or lower the lid. There are no mechanical latches to wear out.

- With the top of the Medi-Fridge open, lay up to three (3) vials end-to-end or one (1) pen dispenser in the shallow indentation of the unit..
- During transport, Medi-Fridge recommends that you place a cotton ball or tissue between your medicine vials to help protect them from damage or rattling.
- 

Some location and environmental restrictions apply:

- o The Medi-Fridge should never be submerged in liquid or exposed to excessive moisture.
- o The Medi-Fridge has air vents on the bottom and on each end. When connected to a power source, these areas must be free to circulate air.\*\*
- o To clean the Medi-Fridge, use a slightly damp, non-abrasive, towel or cloth. “Baby-wipes” work very well.

## **FREQUENTLY ASKED QUESTIONS:**

**Q.** Can I travel with the Medi-Fridge?

**A.** Yes, in fact travel is the main reason Medi-Fridge was developed. Using the 12V DC connector or the 110V AC adapter will allow you to keep your medicine at a safe temperature in almost any situation. As long as there is a power source your medicine can be protected. The Medi-Fridge unit will continue to refrigerate the medicines for up to 10 hours after being disconnected from a power source, depending on the environmental conditions the unit is exposed to.

**Q.** How cold will the Medi-Fridge get?

**A.** The environment where the Medi-Fridge is used has some influence on how much cooling it will do. Just like the

refrigerator in your house, it will be less efficient when exposed to\*extreme conditions.Under normal circumstances, the Medi-Fridge will cool 40°F to 50°F below ambient temperature. The unit will not operate below 40°F.

**Q.** Will the Medi-Fridge protect my medicine from freezing?

**A.** The Medi-Fridge has a built in switch that will shut off when the refrigerated area reaches 40°F. However, if the temperature in the area where the Medi-Fridge is located falls to a freezing temperature, the medicine in the Medi-Fridge will eventually freeze as well.

**Q.** Where should I keep my Medi-Fridge when I fly?

**A.** You should keep your medicine with you at all times; carry the unit in your “carry-on” or personal item luggage. NEVER STORE YOUR MEDICINES IN LUGGAGE THAT WILL BE CHECKED INTO THE AIRPLANE CARGO STORAGE! Whenever possible, you may wish to connect the unit to a power source and refrigerate your medicines during the trip to the airport, while at the terminal, or while traveling to your destination from the airport when you arrive. Many airplanes have a 12V DC (auto socket) power port located near each seat. You may wish to connect the unit to the port during the flight (remember to always follow the flight crew instructions concerning when you can and cannot use electronic devices).Once cool, the unit can be unplugged and packed in your carry-on and will keep your medicine at a safe temperature for up to 10 hours, under normal conditions.\*

**Q.** Can I use the Medi-Fridge for medicines other than insulin?

**A.** If the medicines have similar vial or pen sizes, the Medi-Fridge unit can be used for most injectibles.

**Q.** Can I place my Medi-Fridge in a cabinet?

**A.** Just like a normal refrigerator, the Medi-Fridge cools by removing heat. Heat needs to dissipate. Do not use the Medi-Fridge in an area where there is little or no air exchange\*\*.

**Q.** How much power does the Medi-Fridge use? Will it drain my car battery?

**A.** The Medi-Fridge uses 4.5 amps of 12V DC power, about the same as a single headlight. The unit should not drain or damage

a full-charged battery when used while the engine is running. Every vehicle and battery is unique; ask your dealership or reputable mechanic about using the battery to operate any electric equipment when the vehicle is not running.

**Q.** Does my Medi-Fridge come with a warranty?

**A.** Yes a copy of the warranty was included in the original packaging in the last section of the Use and Care Manual. You can download a PDF copy of it at our web site [www.Medi-Fridge.com](http://www.Medi-Fridge.com)

**Q.** Where can I buy another Medi-Fridge?

**A.** Ask for Medi-Fridge at your local pharmacy or drug store. It is also available at [www.Medi-Fridge.com](http://www.Medi-Fridge.com)

\*Not in direct sunlight or in areas where ambient temperatures exceed 90°F or fall below 32°F. Medi-Fridge™ stops cooling automatically when its contents fall below 40°F. However, it will not prevent medicine from freezing if used in areas where ambient temperatures fall below 32°F.

\*\*When connected to a power source the Medi-Fridge™ must have air to circulate through its cooling fins. Do not connect the Medi-Fridge™ to a power source when it is in a closed area such as packed luggage or a desk drawer.

## **LIMITED WARRANTY FOR PRODUCTS PURCHASED IN THE USA/CANADA**

Subject to the exclusions contained below, Medi-Fridge warrants its portable personal medicine refrigerator and power adaptors to be free from defects in materials and workmanship under normal consumer usage for the period of one (1) year. This limited warranty is a consumer's exclusive remedy, and applies as follows to new Medi-Fridge products and accessories purchased by consumers in the United States or Canada, which are accompanied by this written warranty:

### **EXCLUSIONS**

**Normal Wear and Tear.** Periodic maintenance, repair and replacement of parts due to normal wear and tear are excluded from coverage.

**Abuse & Misuse.** Defects or damage that result from: (a) improper operation, storage, misuse or abuse, accident or neglect, such as physical damage (cracks, scratches, etc.) to the surface of the product resulting from misuse; (b) contact with harsh chemicals or submersion in water or exposure to rain, sand, dirt or the like, extreme heat, or food; (c) use of the products or accessories for commercial purposes or subjecting the product or accessory to abnormal usage or conditions; or (d) other acts which are not the fault of Medi-Fridge, are excluded from coverage. (e) connecting the 12VDC or 110VAC power adapters to power sources other than 12V DC and 110V AC respectively.

**Use of Non- Medi-Fridge products and accessories.** Defects or damage that result from the use of Non- Medi-Fridge power adapters.

**Unauthorized Service or Modification.** Defects or damages resulting from service, testing, adjustment, installation, maintenance, alteration, or modification in any way by someone other than Medi-Fridge, or its authorized service centers, are excluded from coverage.

**Altered Products.** Products or Accessories that show evidence of tampering.

This warranty extends only to the first consumer purchaser, and is not transferable.

**Medi-Fridge**, at its option, will at no charge repair, replace or refund the purchase price of any products or accessories that does not conform to this warranty. At our discretion, we may use functionally equivalent reconditioned/refurbished/pre-owned or new products or accessories or parts.

To obtain service or information, please call: (512) 255-2271. You will receive instructions on how to ship the products or accessories, at your expense, to a **Medi-Fridge** authorized repair center. To obtain service, you must include: (a) a copy of your receipt, bill of sale or other comparable proof of purchase;

(b) a written description of the problem, and, most importantly;  
(e) your address and telephone number.

ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY, OTHERWISE THE REPAIR, REPLACEMENT, OR REFUND AS PROVIDED UNDER THIS EXPRESS LIMITED WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER, AND IS PROVIDED IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. IN NO EVENT SHALL **Medi-Fridge** BE LIABLE, WHETHER IN CONTRACT OR TORT (INCLUDING NEGLIGENCE) FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT OR ACCESSORY, OR FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR FOR FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE ABILITY OR INABILITY TO USE THE PRODUCT OR ACCESSORIES TO THE FULL EXTENT THESE DAMAGES MAY BE DISCLAIMED BY LAW.

Some states and jurisdictions do not allow the limitation or exclusion of incidental or consequential damages, or limitation on the length of an implied warranty, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary from state to state or from one jurisdiction to another.

**Copyright: *Medi-Fridge***<sup>TM</sup>, the Medi-Fridge logo, and any other trademarks or service marks are owned by Technological Investments, LLC and ***Medi-Fridge***. No ***Medi-Fridge*** trademark may be used without prior written permission. Any unauthorized use of the trademark or service mark is prohibited. No licenses or right to use are granted by implication estoppels or otherwise in respect of any copyrights, patents, trademarks, services marks in relation to this product.