

# COLD CHAIN EQUIPMENT



- STABILITY AND PERFORMANCE APPROVED
- FRONT OPENING MEDICAL FRIDGE / FREEZERS
- BUILT WITH PRIDE AND USING ONLY QUALITY COMPONENTS



All our products are environmentally friendly



**ZVFF340AC**



*Your patients trust you.  
Do not betray that trust.  
Do no harm. Do the right thing.  
Save lives by storing life  
saving items in stabilised  
Cold Chain Equipment.* “  
*Do not settle for less.  
Lives are at stake.*



**ZVFF240AC**



**ZVFF175AC**

# Preserving the Cold Chain



## MEDICAL REFRIGERATORS WITH ADVANCED TECHNOLOGY:

**Ground-breaking new products and technology, that can run on mains electricity or solar power, keeping vaccines safe.**

The Mains version requires just a few hours of power per day, once the system is fully charged. The Direct Solar version is unique, operating even at low light intensity and requires no batteries for energy storage.

**Amazingly, our units can maintain safe vaccine temperatures for days, without any power source whatsoever.**

- Storing vaccines safely in remote areas or harsh climates is a major challenge.
- Damaged vaccines mean wasted money and lives lost or blighted by disability. Now there is a great new cooling solution.

## BREAKTHROUGH ENGINEERING:

The **ZVFF** range uses an intelligent monitoring system that keeps temperature variation within the cabinet to the minimum, this eradicates the stratification and freezing problems experienced with conventional vaccine refrigerators.

The range is simple to use, very easy to maintain and have a low cost of ownership with an economic life expectancy.

## DESIGNED BY SPECIALISTS:

We are extremely proud of our **ZVFF** range of medical Refrigerators and its ability to transform lives by keeping lifesaving vaccines safe, effective and secure.



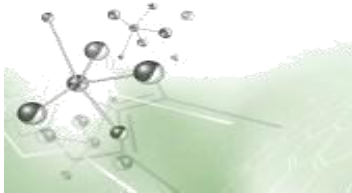
Ice Lined Technology is a result of years of cold chain experience and is used in many countries across the globe



Our Refrigerators have been independently tested to ensure Consistent performance and reliability



The manufacturer is a pioneer in the field of refrigeration with a rich experience of over 60 years



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# UNIQUE COOLING

## HOLD OVER PERFORMANCE:

- Vaccine Refrigerators with Ice Lined Technology guarantees safe storage of vaccines. The intelligent temperature management system will keep your products at the correct temperatures and will limit temperature variation within the cabinet.
- All the **ZVFF** models guarantee to keep vaccines at safe temperatures for extended periods in the absence of any power supply.



## EASY TO USE AND EASY TO MAINTAIN:

- The upright design makes it easier to access and manage stock, which is ideal for proper stock rotation. Internal and external testing has shown that there is no risk of thermal shock to vaccines on opening of the refrigerator door.



- No Adjustments required, just plug in and save lives.
- The internal cabinet and thermal store have been constructed from quality composite materials that are both robust and very easy to clean.
- Designed for easy maintenance and repairs, with the refrigeration circuit easily accessible

## MEETING THE REQUIREMENTS:

- Units are extensively tested in the laboratory to simulate the harshest of environmental conditions.
- Intensive in-field testing in locations world-wide has demonstrated reliable and reproducible performance.
- All models have been tested in our world class environmental chamber using only calibrated testing equipment.
- High / Low temperature alarm fitted
- Door open alarm fitted





## A SOUND INVESTMENT:

## SAVING LIVES, ENERGY AND MONEY:

Rigorous tests by WHO approved laboratories and in the field show that Vaccine Refrigerators with **SURE CHILL®** Technology out-perform any conventional vaccine refrigerator available.

## Expert Opinion

“

***Professor of Global Health***



## OUR GUARANTEE:

- **Quality and safety**
  - **Exceptional holdover times**
  - **Reliable performance**
  - **Operates well in unreliable power supply areas**
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## SOME PROMINENT FACTS ABOUT OUR ZVFF RANGE



| FEATURES                                    | BENEFITS                                                                                                                                       |
|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Easy Operation                              | Just plug in and leave, <b>no thermostat setting is necessary</b>                                                                              |
| Digital Display External Thermometer        | Allows visual temperature monitoring                                                                                                           |
| Automatic Thermostat                        | Inherent temperature regulation will sense hot spots (or cold points) in the compartment and will immediately correct them                     |
| Fitted with ASP                             | Protects the compressor and other electronic components from power fluctuations or surges                                                      |
| Heavy Duty Wheels (Optional) (2 x Lockable) | Easy to move the fridge to any desired / suitable place without any difficulty and locks into position                                         |
| Lockable Sealing Latch                      | Keeps product safe                                                                                                                             |
| Safe Vaccine Storage                        | Peace of mind knowing that the products are cold chain compliant                                                                               |
| <b>Superior</b> Hold-Over Time              | When fully charged, the units will maintain the correct cooling temperature at an ambient temperature of +32°C for over 48 hours without power |
| Ample Vaccine Storage Capacity              | Allows stocking of a broad spectrum of products                                                                                                |
| Thick Environmentally Safe Insulation       | Keeps products at correct temperature (ie. Keeps cold in and heat out) and looks after our planet at the same time                             |
| Front Opening Fridge, Not Chest Type        | Easy to access and manage your products, without exposing vaccines to thermal shock even on repeated door openings                             |
| Durability                                  | Solid Steel Chromadek construction with stainless steel inner                                                                                  |



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