Contents
1. Innovation
2. Applications
3. Power Savings & Running Costs
4. Hygiene
5. Health & Safety
6. Running Costs
7. Reduced Environmental Impact
8. Backup & Monitoring
9. Visual media
Innovation

• Arctic stores, Arctic Super Stores, Arctic Blast
• Modular & Expandable
• Simple Site Preparation & Easy Installation
• Moveable
• Latest refrigeration technology
• Cost effective
• Wide range of applications
• Wide temperature range from -60 to +30 Degrees C
Applications

• Normal Cold Storage -30 to +10 C
• Ultra low cold storage -60 to -40 C
• Blast Freezing -35 C
• Food Industry - Dairy, Meat, Fish, Processed Goods
• Medical & Pharmaceutical Industry
• Process Plants, Factory Extensions & Cold Storage Depots
Power Savings & Running Costs

- New technology refrigeration is far more power effective than old technology. Up to 50% more efficient.
- New containers have much higher insulation value than used shipping containers as no insulation degradation from constant small bangs and impacts.
- Main leakage is through old door gaskets that are often incomplete/damaged.
- Easy operating doors can be properly closed – reefer container doors are often on part closed as so difficult to operate.
- Unlikely need of machinery repair – warranty cover instead of expensive spare parts.
- Reduced risk of stock damage due to improved insulation and rapid pull-down time.
- Improved shelf life through better temperature control.
Hygiene

- Seam welded 8mm Aluminium floors
- Flat floors is easy to keep clean
- Drains in all 4 corners – vermin proof and hermetically sealed
- No old repairs with hiding places for dirt and bacteria
Health & Safety

- Sensible door handle height when on the ground
- Internal door release + optional escape hatch in the door
- Alarm
- Ramp held in place for improved safety
- Internal lighting for safer user experience when otherwise dark
- Glow in the dark user guidelines and information
Reduced Environmental Impact

• Low damage blowing agent (Non CFC) used to create insulation foam
• Filled with R452A refrigerant which has a lower Global Warming Potential GWP than most other container refrigeration refrigerants
• Reduced power consumption also reduces the CO2 footprint
Backup & Monitoring

- Matched diesel gensets available for 100% power backup
- 20% lower diesel usage than older models
- Full electronic diagnostics
- Built in fuel tank for approximately 250 hrs standby operation
- Electronic download via GSM of temperature data & real-time condition available
Visual Media

- https://youtu.be/I3_7fH2XH9o
- https://www.youtube.com/watch?v=JOJpaapzyC