

Cut down on electricity bills with an energy-saving model.

*Actual energy usage and savings are subject to operating conditions and electricity tariff. Price of electricity presented is in US\$ with reference to Singapore Power https://www.spgroup.com.sg/home



Enjoy reduced power consumption just by changing over to one of our latest models featuring these functions:



Eco operation and Energy saving

freezers, TwinGuard ULT freezers use natural hydrocarbon (HC) refrigerants to provide minimal energy consumption, reduced environmental impact and substantially lower running costs. These refrigerants also have an extremely low Global Warming Potential, helping organizations to meet environmental objectives.



New inverter compressor

Energy Efficient, Balanced Power Smart compressors, natural refrigerants and integrated

electronics combine to lower your facility's operating costs. Freezer operation is managed by the practical balance of temperature performance and energy management.



Ultimate Sample Protection

Unlike conventional ultra low freezers, TwinGuard ULT freezers have two independent refrigeration

systems to provide the highest levels of sample security. Should one system unexpectedly fail, the other will maintain a temperature in the -70°C range ensuring that the integrity of irreplaceable and potentially life-saving samples are not put at risk.

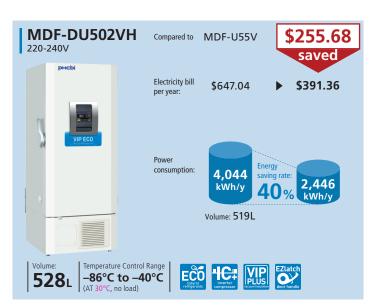


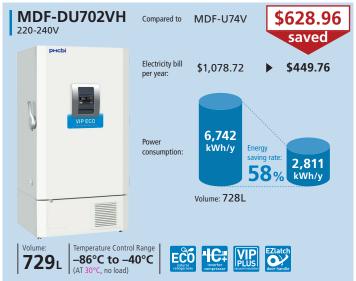
Innovative VIP* Technology

VIP is the innovative insulation technology developed by PHC containing densely packed, oper

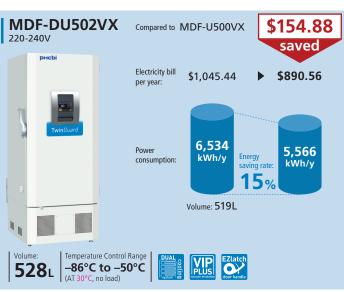
cell foam insulation under the vacuum panel. This configuration dramatically enhances the insulation capability of the freezer and achieves nearly 30% more storage capacity increase. The VIP Plus achieved 6 times stronger thermal resistance with more rigid foam polyurethane while keeping the same thickness of 70mm *Vacuum Insulation Panel

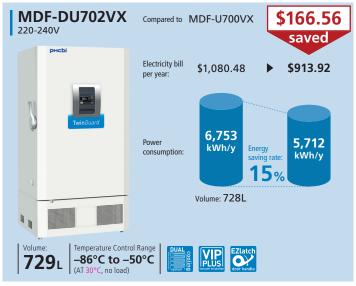
-86°C to -40°C Ultra-low temperature freezers





-86°C to -50°C Ultra-low temperature freezers

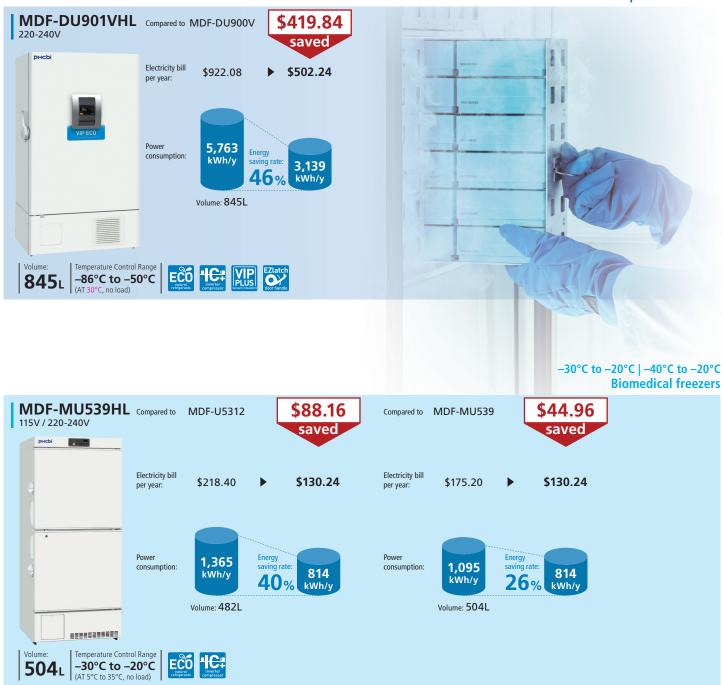


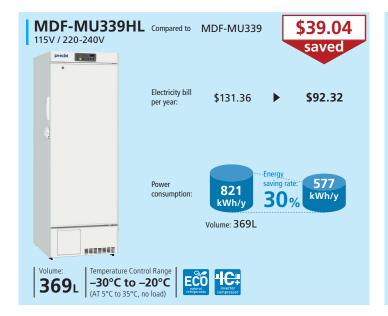


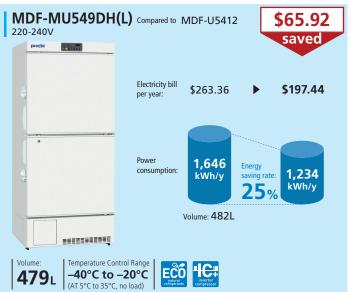


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-86°C to -50°C Ultra-low temperature freezer







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2°C to 14°C Pharmaceutical refrigerators







