

Refrigeration Compliance for GEMS applicable products

REFRIGERATED CABINETS: GEMS applicable refrigeration product types



Refrigerated Display Cabinet (RDC)



Refrigerated Storage Cabinet (RSC)



Ice Cream Freezer Cabinet



Scooping Cabinet

All commercial refrigeration products in the above categories must by law be compliant to:



GEMS¹ - applicable products must meet Greenhouse & Energy Minimum Standards. This regulates energy consumption, operating conditions & holding temperatures. Listings can be found on the Australian [Government's energy rating website](#)



Regulatory Compliance Mark (RCM)² - products must meet Electrical Safety System Standards (EESS) and Electromagnetic Compatibility (EMC). Products must bear the RCM logo (as pictured) to acknowledge they meet regulatory requirements. When requested by a Regulator, the manufacturer or importer must be able to show proof of testing and provide supporting documentation. Only registered [Responsible Suppliers](#) can use the RCM

All refrigeration products using natural refrigerants and sold for use in Queensland must also by law be compliant to:



Queensland Govt Approved Hydrocarbon Appliances³ - all products utilising natural refrigerant for use in Queensland must be safety approved. Listings can be found on [Qld Government's website](#)

¹ Required under: [Greenhouse and Energy Minimum Standards Act 2012](#) (GEMS Act), some items may be exempt where volumes are below mandatory levels; ²Electrical equipment must comply to [AS/NZS 3820 Essential safety requirements of electrical equipment](#) or an appropriate IEC standard. Products must be marked according to [AS/NZS 4417.1 and AS/NZS 4417.2](#). Requirements may change for in-scope and not in-scope appliances. ³ Required under [Petroleum and Gas \(Production and Safety\) Act 2004](#)

Information valid at 19 August 2024. This document is designed as a guide to standards only as at the valid date. NAFES or its members are not liable for its contents or its use.

Refrigeration Compliance for non-GEMS applicable products

The following Refrigerated Cabinets are NOT currently required to comply with GEMS standards.

Refrigerated Vending Machines	Icemakers	Cabinets designed for both food processing and storage	Refrigerated Cabinets that have water-cooled condensers	Built-in cabinets	Roll-in cabinets	Pass-through cabinets
Appliances intended for short-time or intermittent operation	Refrigerated Display Cabinets that are low sales volume, oversize or both, and have an indirect refrigeration systems		Refrigerated storage cabinets that are not light duty, normal duty or heavy duty		For more detailed definitions of Refrigerated Cabinets that do not require GEMS certification click here	

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