



Healthcare Solutions

Scan for our
healthcare
solutions





Mitsubishi Electric Healthcare Solutions

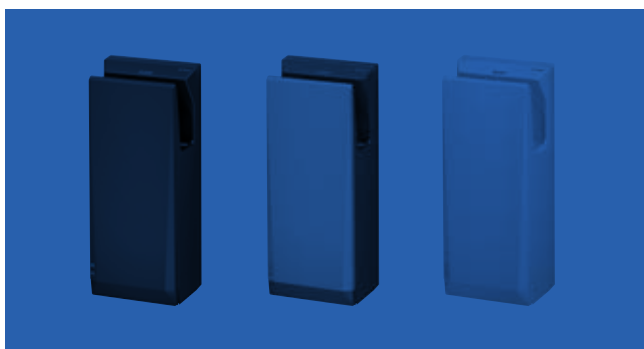
Together, we can build better.

Mitsubishi Electric delivers solutions that assist healthcare operators to enhance patient and staff comfort, support infection control standards and improve the environmental sustainability of facilities.

We supply high quality and reliable products and services for application in healthcare settings. Our products are designed and engineered to incorporate leading technologies and features for ease-of-use.

Maintaining climatic conditions in critical operational environments, ensuring staff and patients are comfortable, and reducing carbon emissions and waste all drive our ongoing development and delivery of leading products and services for healthcare environments.

Our Products & Solutions



JET TOWEL



Solution Overview

Our range of Jet Towels improves hygiene in healthcare settings through powerful, no-touch design, paper-free, high-speed hand drying. We offer both 'hands in' and 'hands under' models to suit space constraints and our sophisticated design and engineering ensures these hand dryers are low maintenance and high performing over the long-term.

Benefits

Jet Towel touch-free technology enables users to quickly dry their hands without machine contact, reducing the potential for cross-contamination and the spread of germs and bacteria.

Paper waste is eliminated, reducing disposal costs and improving environmental sustainability in the facility.

Our jet towel range is robustly built with quality componentry, delivering constant performance over time and reducing maintenance and replacement costs.

Features

- » Antibacterial qualities designed into plastics across drying areas, drain tanks, drain ducts
- » Energy efficient advanced motor system and optimised airflow enables a rapid drying time
- » Quiet operation, emitting 56-62dB depending on model and operating mode
- » Certified to NSF/ANSI 169



HYBRID VRF AIR CONDITIONING



Solution Overview

Mitsubishi Electric Hybrid VRF air conditioning and heating systems provide stable temperatures, reduce noise, and eliminate refrigerant in occupied spaces, making them the perfect solution for hospitals and healthcare environments.

In an industry-first development, our Hybrid VRF uses both water and refrigerant, made possible by our development of a Hybrid Branch Controller (HBC) which conducts heat exchange.

Benefits

- » The Hybrid VRF system reduces risk in hospitals by removing refrigerant from inhabited areas and decreasing the requirement for leak detection systems to be installed.
- » Patient and staff comfort is enhanced with improved regulation of air temperature and mild off-coil temperatures, due to circulating water in the fan coil network.
- » Energy efficiency and associated savings are realised with the 2-pipe heat recovery capability, with heat exchange performed in the HBC.

Features

- » Reduced installation requirement as HBC houses pump, heat exchanger and major components, compared with 4-pipe chiller
- » Simultaneous heating and cooling for varied occupancy requirements across facility and mild off coil temperatures
- » Requires less refrigerant and lowers global warming potential (GWP) through R32 usage, compared with R410A



BUILDING MANAGEMENT SYSTEM



Solution Overview

Our Building Management Systems (BMS) enable granular visibility of the performance of building services with automated and remote-control capability, facilitating optimised performance in real-time.

Leveraging existing leading technologies, including the Niagara Framework®, we ensure our BMS solutions are interoperable with other systems, easy-to-use and future proofed for upgrade, expansion and refurbishment works.

Benefits

Our building management solutions support reduced energy consumption and costs by improving the use of heating, ventilation, air conditioning, lighting, and other building systems.

Improved comfort and safety with real-time monitoring and control ensures temperature, humidity, and indoor air quality levels are maintained at optimal levels for the comfort and safety of staff, patients and equipment.

Features

- » Open-source platform, designed to integrate diverse building systems and devices into one seamless system
- » 24/7 control and monitoring, with onsite and remote access capability
- » Comprehensive, granular visibility of building performance via clear dashboard interfaces
- » Map and analyse trends, performance and energy consumption, to proactively predict and respond to potential issues



UNINTERRUPTIBLE POWER SUPPLY



Solution Overview

Adopting UPS is key to protecting IT equipment from power failures in a healthcare facility. We have a proven track record of delivering high-quality UPS solutions in facilities with critical uptime requirements. Our online double conversion UPS is always on and provides filtered clean power supply to IT equipment that is susceptible to power harmonics and voltage fluctuations.

Benefits

Reliability is at the heart of our UPS design, and system reliability is built on high quality parts and proven system topology design.

Our UPS products achieve high efficiency by reducing power loss arising during power conversion, using our proprietary Insulated Gate Bipolar Transistors (IGBT). These semiconductors achieve industry-leading levels of efficiency.

Features

- » Optimised for typical load levels of 25% to 75%, the 9900D UPS delivers high efficiencies across all hyper-scale load levels via online double conversion technology, with efficiency more than 96% at 100% load
- » Only premium electrolytic capacitors and cooling fans are used, together with proprietary IGBT semiconductor, ensuring the highest product reliability
- » Transformer-less true online double conversion UPS uses three-level topology, offering optimal benefit and reliability

About ME & Other Solutions

Mitsubishi Electric Australia is wholly owned by Mitsubishi Electric Corporation, Japan. A representative office of Mitsubishi Electric was opened in Australia in 1967.

MEAUST was established in 1974 as MELCO Australia Pty Ltd and became Mitsubishi Electric Australia in 1982.

We deliver solutions across Living Environments, Home Appliances, Transportation and Heavy Engineering, Automation and Controls, Automotive Equipment, Transmission and Distribution, Semiconductors and Communication Systems.

Other Products/Solutions

	<ul style="list-style-type: none"> » E-Series Chiller » Heat Recovery Chiller » Hot Water Heat Pump
	<ul style="list-style-type: none"> » Lossnay
	<ul style="list-style-type: none"> » Energy Saving Supporting Devices
	<ul style="list-style-type: none"> » ICONICS



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