



**ADVANCED  
PRECISION  
ENVIRONMENTS**

# TURN KEY MECHANICAL SOLUTIONS



Our complete solution integrates temperature control, humidity control, fresh air changes, energy efficiency combined with local national support network, and Australian held stock and spare parts.

The selection of the most reliable and efficient water chillers, process cooling, and fresh air will help assure the uninterrupted use of MRI and CT scanners in diagnosing patient conditions.

DS AIR offer state-of-the-art components and systems that protect these valuable assets from heat-related failures, improve efficiency and assure consistent, trouble-free performance.



## DS AIR - Modern, Efficient, Quality



For **12+ Years** DS AIR has been delivering solutions within the medical environment. We believe in our design and process to achieve precise results using modern and innovative equipment with a strong emphasis on energy reduction

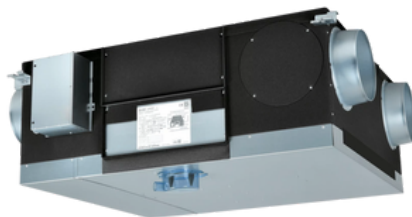


# COMPLETE RANGE INDUSTRY PARTNER

Mitsubishi Electric Australia provide the complete package solution for the medical imaging environment. DS AIR is proud to Supply, Install & Commission the entire range. Mitsubishi Electric hold Australian stock, provide a national service network, and industry leading After Sales Service. Peace of mind with the worlds industry leading manufacturer.



# MITSUBISHI ELECTRIC



# CHILLERS



## System Efficiency

The unit has been designed as a plug & play system and all components are regulated using proprietary control logic for the utmost efficiency.

## High Efficiency At Partial Loads

High seasonal efficiency in both heating and cooling mode, using DC inverter technology to modulate compressor operation and deliver the exact amount of energy based on the actual needs of the building. High efficiency for low energy consumption during operating hours.

## High Efficiency Components

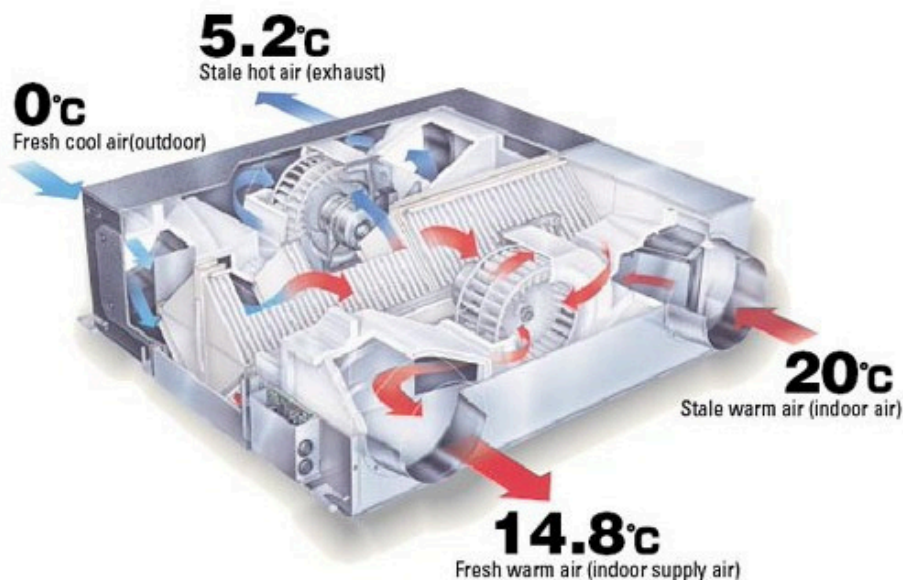
The electronic thermostatic valve and the hydronic kit, with an inverter driven water pump and modulating fan speeds, both contribute to improving performance and reducing power consumption and come as standard.

# HRV

## Lossnay Fresh Air Energy Recovery Systems



**The Ventilation System for Enhanced Air Quality which provides Free Heating or Cooling.**



The Lossnay Fresh Air Energy Recovery Systems set a new standard in ventilation by recovering heat from the air inside your office and transferring it to fresh, dry air introduced from outside. Not only providing energy recovery savings in summer by cooling the warmer fresh air to an acceptable level but also providing excellent energy efficiency in winter. Lossnay heat exchangers have a high efficiency thereby eliminating the need for additional electric elements.

# Precision Cooling Units



## Pinpoint accurate temperature and relative humidity control

s-MEXT controls temperature and relative humidity with pinpoint accuracy, even in the case of very strong thermal variations. The system has been engineered to deliver top-class efficiency values, the indoor unit features premium quality components: EC plug fans, evaporating coil with hydrophilic treatment, electrical panel, and PID microprocessor control system.



Thanks to the split design, the indoor s-MEXT G00 air conditioner matches the highest efficiency levels with the industry's most compact footprint. The small size design means they can be easily integrated in small IT rooms or existing environments, all without sacrificing any kW per square metre.

# CONTACT

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7am - 5pm



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