



Independent Air Conditioning Solutions (IACS) markets and distributes a broad range of residential and commercial air conditioning and air handling systems and provides unique application solutions the air conditioning industry across Australia.

IACS has been operating in Australia for over 20 years. We are a fully owned and operated Australian enterprise, whose focus is to assist our continually growing customer base with sales and technical support of the quality brands we have partnered.

Our Partners

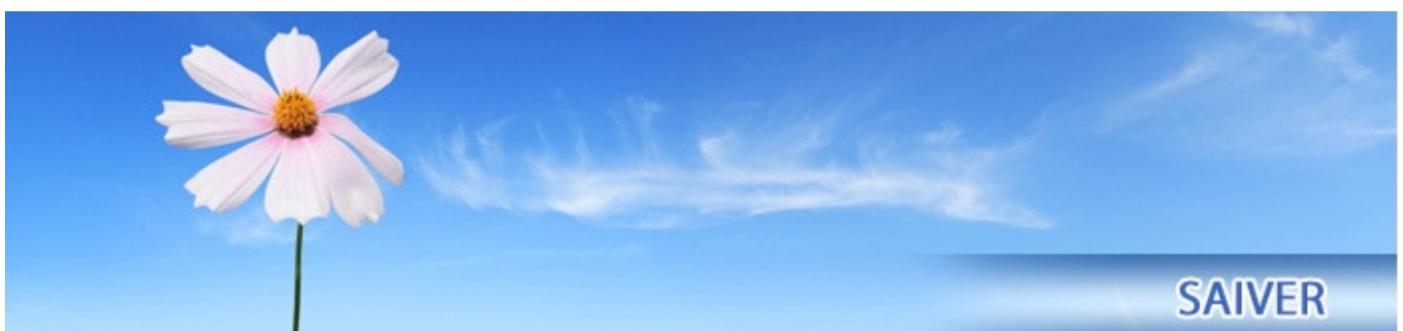


MDV a part of the Midea Group of companies, are supplied to more than 180 countries across the world. More than 52 years of persistent growth has brought its global turnover to US\$41.4 billion in 2020. As a result, MDV wields a comprehensive product portfolio and has a vast production capacity to meet these demands. MDV's integrated research and manufacturing process helps serve its global customer base through a distinct range of innovative yet affordable products.



Saiver was founded in 1959 and has been manufacturing high quality, custom-made air handling equipment for well over half a century. The series A1 air handling system is the culmination of experience over these years, together with the continuing improvement through research and development which along with superior quality has been recognised worldwide, including the certification of Eurovent.

Saiver AHU's incorporate finely tuned engineering along with cost-effective design and include quality corrosion resistant materials. The design methods and quality of the components used ensure optimum performance, longevity and reliability.





RESIDENTIAL PRODUCT RANGE



IACS - WINDOW TYPE

Capacity Range - 2.6 & 4.1 kw



- Remote Control
- Easy Installation
- Powerful Cooling & Heating
- CMCC Compressor
- R410A With Stable & Fast
- Heat Pump - Reverse Cycle
- Auto Restart Last Memory
- Anti Cold Air
- Timer On/Off

WALL SPLIT - DC INVERTER

Capacity Range 2.5 to 9.0 kw

- Gold fin Coil Protection - Indoor & Outdoor
- Quiet Operation
- Auto Restart Last Memory
- LED Indoor Display
- Anti Cold Air
- Remote Control
- Sleep Mode
- Mute Operation
- Timer Mode
- Electronic Diagnosis
- Refrigerant Leak Detection
- DRED Function
- Optional WI-FI
- Optional Wired Controllers
- Optional Remote On/Off





CASSETTE - DC INVERTER

Capacity Range 7.0 to 14.0 kw

- Gold fin Coil Protection - Indoor & Outdoor
- Quiet Design
- Remote Control
- Wired Control Options
- Auto Restart Last Memory
- Anti Cold Air
- Refrigerant Leak Detection
- Electronic Diagnosis



- Two Way Piping Configuration
- 360 Degree Airflow Panel
- Fresh and Supply Air Capability
- Drain Pump 750mm Lift
- Standard Interface*
- Pre Charged to 20 Metres

*Standard Interface Includes Remote On/Off Signal Only For Fresh Air Application And Fault Alarm

DC DUCTED INVERTER

Capacity Range 7.0 to 17.0 kw



- Gold Fin Coil Protection - Indoor & Outdoor
- Manual/Auto Static Pressure Operation
- Quiet Design
- Wired Controller
- Control Options
- Auto Restart Last Memory
- Anti Cold Air
- Gold Fin Treated Coils



- Electronic Diagnosis
- Standard Interface*
- Drain Pump 750mm Lift
- Pre Charged to 20 Metres
- Compatible With My Air, Air Touch, My Zone and I Zone

*Standard Interface Includes Remote On/Off Signal Only For Fresh Air Application And Fault Alarm





COMMERCIAL PRODUCT RANGE

DC INVERTER DUCTED SPLIT

Capacity Range - 20.0 to 27.0 kw

- 7 Day Programmable Timer
- Control Options
- Auto Restart Last Memory
- Auto Defrost
- Electronic Diagnosis
- High Static
- Pre Charged to 20 Metres
- Standard Interface*
- Blue Fin Treated Condenser Coils



*Standard Interface Includes Remote On/Off Signal Only For Fresh Air Application And Fault Alarm

MINI VRF

Capacity Range 8.0 to 16.0 kw



- Auto Addressing
- Easy Maintenance & Commissioning
- Simple Wiring Connection
- Long Pipe Length/Lift
- Easy Piping Connection
- Horizontal Discharge
- Low Noise
- Operating Range -15 to 55 Degrees C
- High Efficient DC Inverter Technology (Twin Rotary)
- DC Fan Motor
- Intelligent Soft Starter Technology
- Compact Design

V6i SIDE DISCHARGE SERIES VRF INVERTER HEAT PUMP

Capacity Range - 18.0 to 33.5 kw

- 1 Module & Up To 20 Indoor Units In Multiple Combinations
- Highly Efficient DC Inverter Technology
- Wide Operation Range -20 to 48 Degrees C
- Long Pipe Length/Lift

- Auto Addressing For Indoor Units
- Simple Wiring Connections
- Self Diagnosis
- Easy Maintenance & Commissioning
- Blue Fin Treated Coils



V6 SERIES VRF HEAT PUMP INVERTER (DC)

Capacity Range 25.0 to 270 kw



- Up to 3 Modules & 64 Indoor Units In Multiple Combinations
- Highly Efficient Heat Recovery
- Intelligent Soft Starter Technology
- Auto Addressing For Indoor Units
- Wide Operation Range -25 to 54 Degrees C
- Long Pipe Length/Lift
 - Easy Maintenance & Commissioning
 - Excellent Capacity Control
 - Simple Wiring Connection
 - Self Diagnosis
 - Adjustable Cond Fan Static for Ducting (DC



V6i SERIES HEAT PUMP INVERTER (DC)

Capacity Range 67.0 to 90.0 kw

- 1 Module & Up To 53 Indoor Units With Multiple Combinations
- Highly Efficient DC Inverter Technology
- Intelligent Soft Starter Technology
- Auto Addressing For Indoor Units
- Wide Operating Range -25 to 54 Degrees C
- Long Pipe Length/Lift
- Adjustable Cond Fan Static For Ducting (DC Motor)
- Night Silent Mode
- Easy Maintenance & Commissioning
- Excellent Capacity Control
- Control Options
- Simple Wiring Connection
- Self Diagnosis
- High Efficiency Oil Balance & Oil Return Technology



V6R SERIES VRF INVERTER (3 Pipe) HEAT RECOVERY

Capacity Range - 25.0 to 150.0 kw

- Up to 3 Modules & Various Indoor Fan Coil Combinations
- Highly Efficient Heat Recovery
- Intelligent Soft Starter Technology
- Auto Addressing For Indoor Units
- Wide Operation Range -25 to 52 Degrees C
- Long Pipe Length/Lift
- Up To 12 Connections For The MS Box
- Leak Detection Available For Ms01
- Data Module For Commissioning & Maintenance
- Self Diagnosis
- Adjustable Cond Fan Static For Ducting (DC Fan Motor)
- Excellent Capacity Control



VRF FAN COIL SELECTIONS

Indoor Unit Capacities

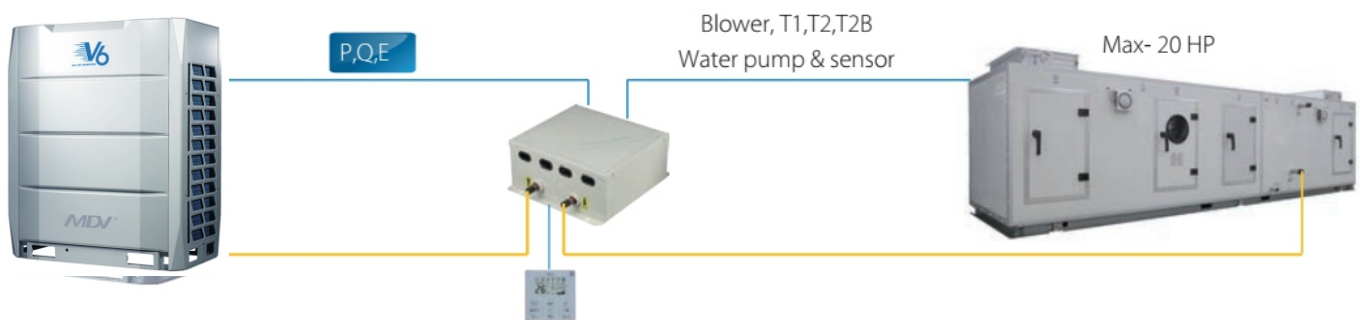
- Wall Split - 2.2 to 9.0 kw
- Cassette - 2.2 to 16.0 kw
- Ducted (Medium Static) - 2.2 to 16.0 kw
- Ducted (Medium/High Static) - 2.2 to 16.0 kw
- Ducted (High Static) - 7.1 to 56.0 kw
- Ceiling/Floor Standing - 2.2 to 16.0 kw
- Fresh Air Ducted - 12.5 to 56.0 kw
- Heat Recovery Ventilator (HRV)



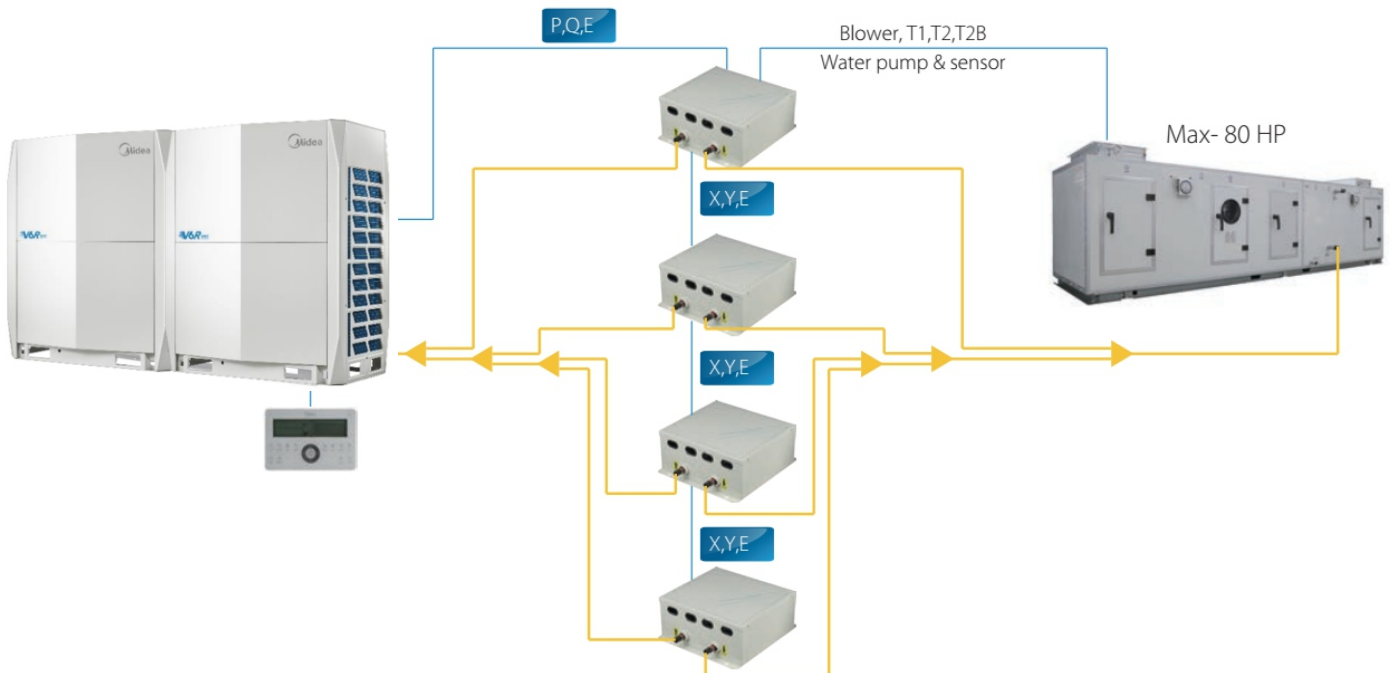
VRF AHU CONTROL BOX

(Compatible With All MDV VRF Systems)

Single AHU Control Box Connection



Multi AHU Control Box Connection





CONTROL OPTIONS

RESIDENTIAL



RG10A



KJR-120X1, X2

COMMERCIAL



WDC-86E/KD



WDC-120G/WK



CCM-15



CCM-180A/BWS 6.2"



CCM-270B/WS 10.1"



CCM-08



IMMP-BAC(A)



RM12D



XYE Extension Kit



IMMP-S
IMMPPro Software



CHILLERS

- Wide Operation Temperature Range
- Highly Efficient DC Inverter Technology
- High Performance Heat Exchanger
- Easy Installation
- Easy Control
- High Reliability
- Wide Application Range
- Indoor Fan Coil Options
- Modbus Option Available For Aqua Tempo Series

AQUA MINI & AQUA TEMPO



CHILLED WATER FAN COIL UNITS

Indoor Unit Capacities

- Wall Split - 3.0 to 4.5 kw
- 1 Way Cassette - 5.5 to 5.7 kw
- 4 Way Cassette - 5.5 to 12.96 kw
- Ducted - 2.3 and 4 Row (Low Static - 50pa)
 - 2 Pipe 2.0 to 18.0 kw
 - 4 Pipe - 1.52 to 11.5 kw
- Ducted High Static 6.6 to 20.0 kw (70 - 100pa)
- Ceiling Floor Standing - 1.8 to 5.0 kw
- Optional Modbus For DC FCU
- Optional 0-10V Output For Water Valve Control

*Optional 2 and 4 Pipe

**Optional Electric Heaters

**Optional A/C and D/C Motors



AIR HANDLING SYSTEMS



(3) Casing Strength

Casing Class	Max. Deflection (mm.m ⁻¹)	Test Pressure ± 1000 Pa
D1 (M) 60 & 88 mm	4	Yes
D2 (M)	10	Yes
D3 (M)	> 10	Yes

(4) Casing Air Leakage

Leakage Class	Max. Leakage Rate @ -400Pa (l.s ⁻¹ m ⁻²)	Filter Class (EN 779)
L1 (M) 60 & 88 mm	0.15	F8-9
L2 (M)	0.44	F5-7
L3 (M)	1.32	G1-4

(1) Thermal Transmittance

Class	Thermal Transmittance, U (W.m ⁻² .K ⁻¹)
T1 88 mm	$U \leq 0.5$
T2 60 mm	$0.5 \leq U \leq 1.0$
T3	$1.0 \leq U \leq 1.4$
T4	$1.4 \leq U \leq 2.0$
T5	No Requirement

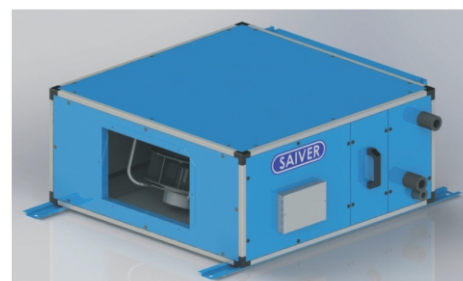
(2) Thermal Bridging Factor

Class	Thermal Bridging Factor, k_b
TB1 88 mm	$0.75 \leq k_b \leq 1.0$
TB2 60 mm	$0.6 \leq k_b \leq 0.75$
TB3	$0.45 \leq k_b \leq 0.6$
TB4	$0.3 \leq k_b \leq 0.45$
TB5	No Requirement

- Custom Design
- Double Skinned 30 and 60mm
- Pressure Injected Polyurethane Foam Insulation
- Internal and External Polyester Powder Coated
- Aluminium Frame and Base
- Double Slopped Hygenic Drain Pan Design
- Heat and Recovery
- Optional Items
 - Marine Lamp
 - Windows
 - Pressure Gauge
 - Motors (Centrifugal, AC Plug and EC Play)

SDF CHILLED WATER FAN COIL UNITS

- 2 or 4 Pipe
- Double Skin 30mm PU Construction
- Coil Options
- Hi Static Centrifugal Fans and EC Plug
- Optional Handings



CLUBS & SPORTING GROUPS

- Doubleview Bowling Club
- Accot Racing
- Belmont Racing



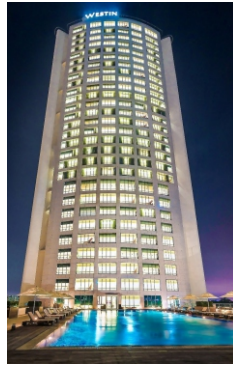
AGED CARE

- Ellenvale Aged Care
- Amherst
- Montgomery House
- Banksia Park
- Ellenvale
- Melville
- Amberley
- Hermitage
- Balmoral



SCHOOLS & CHILDCARE CENTRES

- Sonas Childcare
- Parkwood Childcare
- Wanneroo Childcare
- Amelia Street Childcare
- The Edge Childcare
- Busy Bees Childcare
- Greenleaves Early Learning
- Asissi Catholic College
- Hamilton Childcare
- Park Ridge Childcare
- Redbank Plains Childcare
- Servite College



HOTELS & RESORTS

- Rendezvous Hotel
- Westin Hotel
- Ingot Hotel Perth - Ascend Hotel Collection
- Newman Hotel
- Doubletree by Hilton
- Sofitel Resort - Gold Coast

APARTMENTS

- Sea Pearl Apartments
- Trillion Apartments
- Waves Apartments
- Solarus Apartments
- Alexandra Beach Resort
- Golden Gate Apartments
- Hastings Street
- QE I & QE II Apartments
- Arthouse
- Treehouse Apartments
- One Mabel Apartments
- Quest Apartments
- Wright Street
- Urban on Cambridge
- 333 Oxford Street
- Sundance Apartments

GOVERNMENT SERVICES & HEALTH

- Karrinyup Professional Centre (medical)
- Submarine Facility (Henderson)
- WA Hospitals Pharmaceutical
- Ezone UWA Hub
- Narrogin Health Services
- Northam Health Services
- Collie Hospital
- HMAS Stirling Customer Service
- QLD Xray Services
- Montserrat Private Hospital
- Gympie Road Dental Clinic
- Perth Airport Terminals T1 & T2
- Perth Airport International T1
- Busselton Health Campus

RETAIL & OFFICE SPACE

- United Fuels
- Vibe - Morley
- Puma Fuels
- 7 Eleven Fuels
- BP Fuels
- Caltex Fuel
- McDonalds
- Dominos Pizza
- Subway
- Hermit Park Shopping Centre
- Sealink Passenger Ferrys
- Star Liquor Outlets
- Greenwood Shopping Centre
- Millers Food - Byford
- ABN Group (Leederville Square)



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