

World's No.1 Air Treatment Brand



Source: Euromonitor International (Shanghai) Limited;
Consumer Appliances 24ed, retail volume sales in unit,
2020 to 2023 data.

Midea Appliance Australia Head Office
Address: 7 Ordish Road Dandenong South VIC 3175 Austraia
Phone: 1300 726 002
Website: midea.net.au
Email: info@midea.net.au

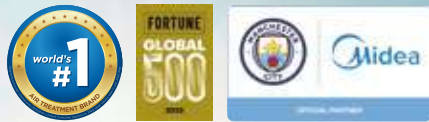
MIDEA

AIR CONDITIONING TRADE PRODUCT CATALOG AUSTRALIA

2024



AIR CONDITIONING PRODUCT 2024 TRADE PRODUCT CATALOG AUSTRALIA



Midea, established in 1968 is a public company listed and since July 2016 a Fortune 500 company offering one of the most comprehensive ranges in the home appliances industry. Midea specializes in air treatment (residential and commercial solutions), refrigeration, laundry, cooking appliances, small kitchen appliances, water appliances, floor care and lighting.

Midea is My True Blue Idea

Our objective is to deliver the best home solutions for every Australia family. Our home solutions are inspired by the ideas and needs of our Australian guests. Therefore, we created the slogan “Midea is My True Blue Idea”.

Midea Appliances Australia

Midea Appliances Australia commenced operation in January 2019. Our current business domains include air conditioning, Dishwasher, small household appliances, microwaves and ovens. While enhancing our presence in Australia, Midea Appliances Australia will continue pursuing in introducing full range of Midea products.

more than
\$48.6 Bn
of revenue in
2022

serve
customers in
100+
countries

32
global
production
facilities

160K+
employees
worldwide

global Fortune
500
company



7 years parts and labor warranty

For Residential products
Online Registration T&C Apply



5 years parts and labor warranty

For Commercial Products



2 years parts and labor warranty

For Heavy Commercial Products



Local after sales service and support

TABLE OF CONTENTS

Single Split Systems (Wall Mounted)	03
GAIA Split Air Conditioner	04
EOS Split Air Conditioner	05
Venus Split Air Conditioner	06
Xtreme Split Air Conditioner	07
Apollo Split Air Conditioner	08
Ducted Systems	09
Middle Static Pressure	10
High Static Pressure	11
Ceiling Cassette	12-13
Multi Split Systems	14
Outdoor Units Multi Split Air Conditioner	15
Indoor Units Xtreme Series (Wall Mounted)	16
Venus Series (Wall Mounted)	17
EOS Series (Wall Mounted)	18
Bulkhead	19
Mini Cassette	20
One-way Cassette	21
VRF Systems	22
Outdoor Units V8M Series Single Phase	23
V8M Series Three Phase	24
V6i Series Three Phase	25
V8S Series (Single Unit and Combined Unit)	26-27
V8 PRO series (Single Unit and Combined Unit)	28-29
Indoor Units Wall Mounted	30
One-Way Cassette	31
Two-way Cassette	32
Four-way Cassette	33-34
Compact Four-Way Cassette	35
Arc Duct	36
Medium Static Pressure Duct	37-38
High Static Pressure Duct	39-40
Small Airflow Rate Fresh Air Processing Unit	41
Fresh Air Processing Unit	42
VEU Series Outdoor units (VIC only)	43
VEU Series Indoor units	44
Controller	45
Pool Heat Pump	46-47
Reference Projects	48-57
Notes	58

* Source Euromonitor International (Shanghai) Limited; Consumer Appliances 23ed, retail volume sales in unit, 2022 data



SINGLE SPLIT SYSTEMS

Wall Mounted

GAIA

SINGLE SPLIT SYSTEMS

Wall Mounted



GAIA Split Air Conditioner

Capacity			2.6kw	3.5kW	5.0kW	7.0kW
Market Model			MFCA26VA-W/MFCA26VA-N	MFCA35VA-W/MFCA35VA-N	MFCA50VA-W/MFCA50VA-N	MFCA70VA-W/MFCA70VA-N
Type			Reverse Cycle	Reverse Cycle	Reverse Cycle	Reverse Cycle
Power			220-240V,1Ph,50Hz			
Indoor unit			MFCA26VA-N	MFCA35VA-N	MFCA50VA-N	MFCA70VA-N
Outdoor unit			MFCA26VA-W	MFCA35VA-W	MFCA50VA-W	MFCA70VA-W
Controllers included			Infrared	Infrared	Infrared	Infrared
Rated Capacity Cool/Heat		kW	2.6/2.65	3.55/3.60	5.2/5.2	7.0/8.05
Max. current		A	11	11	17.5	17.5
Net Weight	Indoor	kg	13.4	13.4	16.2	16.2
	Outdoor		32.6	32.6	44.5	44.5
Product dimensions (H×W×D)	Indoor	mm	335×1000×212	335×1000×212	336×1088×239	336×1088×239
	Outdoor		554×805×330	554×805×330	673×890×342	673×890×342
Refrigerant Piping	Liquid side	mm	Ø6.35mm(1/4in)			
	Gas side	inch	Ø9.52mm(3/8in)	Ø9.52mm(3/8in)	Ø12.7mm(1/2in)	Ø12.7mm(1/2in)
Refrigerant R32	Pre-charged	m	15			
	Quantity	kg	0.9	0.9	1.25	1.25
Max pipe length		m	25	25	50	50
Cooling	Energy rating	hot	★★★★★★★	★★★★★★☆	★★★★★☆☆	★★★★☆☆☆☆
		mix	★★★★★★☆	★★★★★★☆	★★★★☆☆☆☆	★★★★☆☆☆☆
		cold	★★★★★★★	★★★★★★☆	★★★★★☆☆	★★★★☆☆☆☆
Heating	Energy rating	hot	★★★★☆☆☆☆	★★★★☆☆☆☆	★★★★☆☆☆☆	★★★★☆☆☆☆
		mix	★★★★☆☆☆☆	★★★★☆☆☆☆	★★★★☆☆☆☆	★★★★☆☆☆☆
		cold	★★★★☆☆☆☆	★★★★☆☆☆☆	★★★☆☆☆☆	★★☆☆☆☆☆☆



Feature

- Refreshing Air
- Flash Cooling
- ECO Mode
- Healthy Filter
- Gear Function
- Breezeless Technology
- Smart Control
- Graphene Fin
- Turbo Mode
- Diamond Cabinet
- Do Not Disturb
- Quiet Operation
- 8°C Heating
- Humidity Control
- Follow Me
- Wide Angle Airflow
- Flash Heating
- Thermo Static Technology
- 56°C Sterilization
- 1-100% Fan Speed Control

The combination of Midea's refreshing air function, H13 HEPA filter application and 56°C sterilization functions have been rigorously reviewed and approved by the National Asthma Council Australia's Sensitive Choice Program.



EOS Split Air Conditioner

Capacity		2.6kw	3.5kW	5.0kW	7.0kW	8.0kW
Market Model		MFEP26VA-N/ MFEP26VA-W	MFEP35VA-N/ MFEP35VA-W	MFEP51VA-N/ MFEP51VA-W	MFEP70VA-N/ MFEP70VA-W	MFEP80VA-N/ MFEP80VA-W
Type		Reverse Cycle	Reverse Cycle	Reverse Cycle	Reverse Cycle	Reverse Cycle
Power		220-240V,1Ph,50Hz				
Indoor unit		MFEP26VA-N	MFEP35VA-N	MFEP51VA-N	MFEP70VA-N	MFEP80VA-N
Outdoor unit		MFEP26VA-W	MFEP35VA-W	MFEP51VA-W	MFEP70VA-W	MFEP80VA-W
Controllers included		Infrared	Infrared	Infrared	Infrared	Infrared
Rated Capacity Cool/Heat		kW 2.6/2.7	3.5/3.65	5.0/5.3	7.0/8.8	8.0/9.0
Max. current		A 10.5	10.5	15	17.5	17.5
Net Weight	Indoor	kg	10.3	12.3	17.6	17.6
	Outdoor		32.2	38.4	42.4	42.4
Product dimensions (HxWxD)	Indoor	mm	295×795×225	295×795×225	319×965×239	370×1140×275
	Outdoor		554×805×330	554×805×330	673×890×342	673×890×342
Refrigerant Piping	Liquid side	mm inch	Ø6.35mm(1/4in)			
	Gas side		Ø9.52mm(3/8in)	Ø9.52mm(3/8in)	Ø12.7mm(1/2in)	Ø15.9mm(5/8in)
Refrigerant R32	Pre-charged	m	15			
	Quantity	kg	0.9	0.9	1.1	1.4
Max pipe length		m	25	25	30	50
Cooling	Energy rating	hot	★★★★★	★★★★★	★★★★★	★★★★★
		mix	★★★★★	★★★★★	★★★★★	★★★★★
		cold	★★★★★	★★★★★	★★★★★	★★★★★
Heating	Energy rating	hot	★★★★★	★★★★★	★★★★★	★★★★★
		mix	★★★★★	★★★★★	★★★★★	★★★★★
		cold	★★★★★	★★★★★	★★★★★	★★★★★



Feature

- 8°C Heating
- Flash Cooling
- ECO Mode
- Healthy Filter
- Wind Avoid Me
- Smart Control
- 1-100% Fan Speed Control
- Turbo Mode
- Graphene Fin
- Thermo Static Technology
- Wide Angle Airflow
- Long Distance Windblast
- I-Clean
- Diamond Cabinet
- Do Not Disturb
- Quiet Operation
- Flash Heating



Venus Split Air Conditioner

Capacity		2.0kw	2.6kW	3.5kW	5.0kW	7.0kW	8.0kW
Market Model		MFAG20VA-N/ MFAG20VA-W	MFAG26VA-N/ MFAG26VA-W	MFAG36VA-N/ MFAG36VA-W	MFAG51VA-N/ MFAG51VA-W	MFAG70VA-N/ MFAG70VA-W	MFAG80VA-N/ MFAG80VA-W
Type		Reverse Cycle	Reverse Cycle	Reverse Cycle	Reverse Cycle	Reverse Cycle	Reverse Cycle
Power		220-240V,1Ph,50Hz					
Indoor unit		MFAG20VA-N	MFAG26VA-N	MFAG36VA-N	MFAG51VA-N	MFAG70VA-N	MFAG80VA-N
Outdoor unit		MFAG20VA-W	MFAG26VA-W	MFAG36VA-W	MFAG51VA-W	MFAG70VA-W	MFAG80VA-W
Controllers included		Infrared	Infrared	Infrared	Infrared	Infrared	Infrared
Rated Capacity Cool/Heat		kW 2.0/2.25	2.6/2.7	3.55/3.8	5.0/5.52	7.0/7.5	8.0/8.5
Max. current		A 9.5	9.5	10.5	15.5	17.5	17.5
Net Weight	Indoor	kg	8.0	8.0	8.5	11.1	13.5
	Outdoor		26.5	2.65	32.2	38.3	42.4
Product dimensions (HxWxD)	Indoor	mm	292×729×200	292×729×200	295×802×200	321×971×228	337×1082×234
	Outdoor		555×765×303	555×765×303	554×805×330	673×890×342	673×890×342
Refrigerant Piping	Liquid side	mm inch	Ø6.35mm(1/4in)				
	Gas side		Ø9.52mm(3/8in)	Ø9.52mm(3/8in)	Ø9.52mm(3/8in)	Ø12.7mm(1/2in)	Ø15.9mm(5/8in)
Refrigerant R32	Pre-charged	m	15				
	Quantity	kg	0.62	0.62	0.9	1.26	1.4
Max pipe length		m	25	25	25	30	50
Cooling	Energy rating	hot	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
		mix	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
		cold	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
Heating	Energy rating	hot	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
		mix	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
		cold	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★



Feature

- 8°C Heating
- Auto Start
- Do Not Disturb
- Healthy Filter
- Diamond Cabinet
- Smart Control
- Wide Angle Airflow
- I Clean
- Long Distance windblast
- Graphene Fin

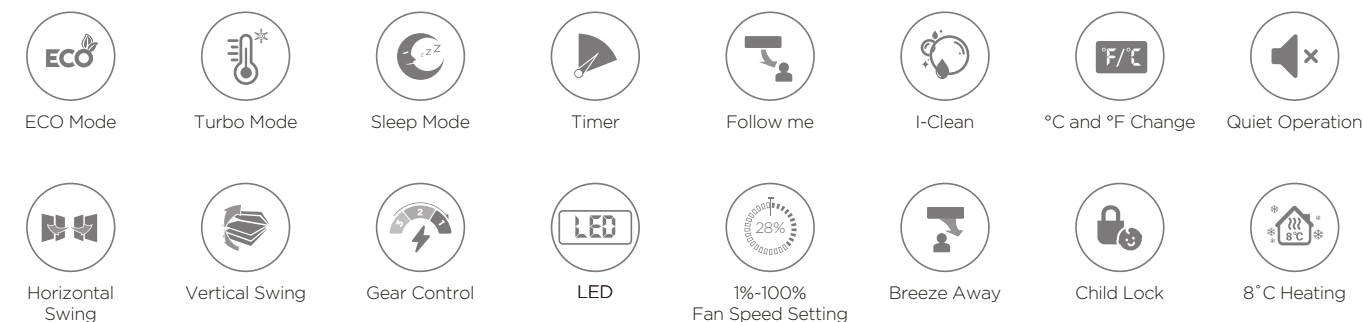
Xtreme Split Air Conditioner



Capacity		2.0kw	2.6kW	3.5kW	5.0kW	6.0kW	7.0kW	8.0kW
Market Model		MFAB-20WC/ MFAB-20NC	MFAB-26WC/ MFAB-26NC	MFAB-35WC/ MFAB-35NC	MFAB-50WC/ MFAB-50NC	MFAB-60WC/ MFAB-60NC	MFAB-71WC/ MFAB-71NC	MFAB-81WC/ MFAB-81NC
Type		Reverse Cycle	Reverse Cycle	Reverse Cycle	Reverse Cycle	Reverse Cycle	Reverse Cycle	Reverse Cycle
Power		220-240V,1Ph,50Hz						
Indoor unit		MFAB-20NC	MFAB-26NC	MFAB-35NC	MFAB-50NC	MFAB-60NC	MFAB-71NC	MFAB-81NC
Outdoor unit		MFAB-20WC	MFAB-26WC	MFAB-35WC	MFAB-50WC	MFAB-60WC	MFAB-71WC	MFAB-81WC
Controllers included		Infrared	Infrared	Infrared	Infrared	Infrared	Infrared	Infrared
Rated Capacity Cool/Heat		kW	2.0/2.25	2.65/2.7	3.5/4.0	5.0/5.2	6.0/6.2	7.0/7.5
Max. current		A	9.5	10.5	10.5	15.5	15.5	17.5
Net Weight	Indoor	kg	8.0	8.5	8.5	11.1	11.1	13.5
	Outdoor		26.5	32.2	32.2	38.3	38.3	42.4
Product dimensions (HxWxD)	Indoor	mm	292x729x200	295x802x200	295x802x200	321x971x228	321x971x228	337x1082x234
	Outdoor		555x765x303	554x805x330	554x805x330	673x890x342	673x890x342	673x890x342
Refrigerant Piping	Liquid side	mm inch	Ø6.35mm(1/4in)					
	Gas side		Ø9.52mm(3/8in)	Ø9.52mm(3/8in)	Ø9.52mm(3/8in)	Ø12.7mm(1/2in)	Ø12.7mm(1/2in)	Ø15.9mm(5/8in)
Refrigerant R32	Pre-charged	m	15					
	Quantity	kg	0.62	0.9	0.9	1.26	1.26	1.4
Max pipe length		m	25	25	25	30	30	50
Cooling	Energy rating	hot	★★★★★☆☆	★★★★★☆☆	★★★★★☆☆	★★★★★☆☆	★★★★★☆☆	★★★★★☆☆
		mix	★★★★★☆☆	★★★★★☆☆	★★★★★☆☆	★★★★★☆☆	★★★★★☆☆	★★★★★☆☆
		cold	★★★★★☆☆	★★★★★☆☆	★★★★★☆☆	★★★★★☆☆	★★★★★☆☆	★★★★★☆☆
Heating	Energy rating	hot	★★★★★☆☆	★★★★★☆☆	★★★★★☆☆	★★★★★☆☆	★★★★★☆☆	★★★★★☆☆
		mix	★★★★★☆☆	★★★★★☆☆	★★★★★☆☆	★★★★★☆☆	★★★★★☆☆	★★★★★☆☆
		cold	★★★★★☆☆	★★★★★☆☆	★★★★★☆☆	★★★★★☆☆	★★★★★☆☆	★★★★★☆☆



Feature



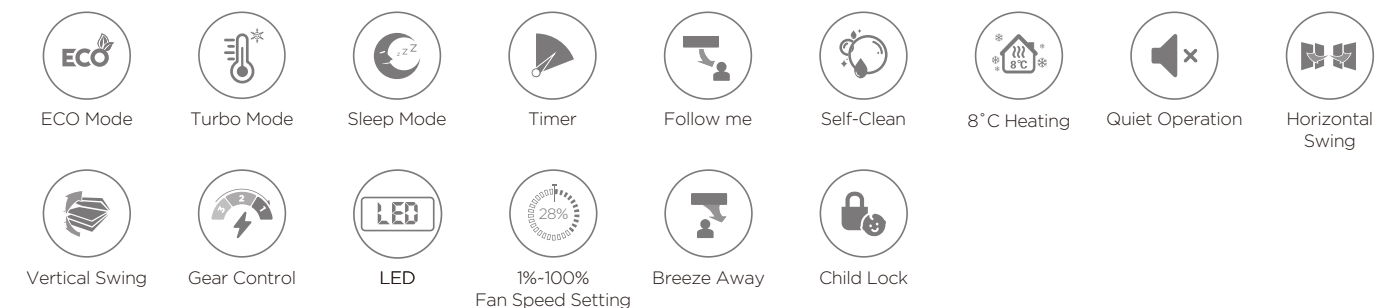
Apollo Split Air Conditioner



Capacity		2.6kw	3.5kW	5.0kW	7.0kW	9.0kW
Market Model		MFAB26NB/ MFAB26WB	MFAB35NB/ MFAB35WB	MFAB50NB/ MFAB50WB	MFAB70NB/ MFAB70WB	MFAB90NB/ MFAB90WB
Type		Reverse Cycle	Reverse Cycle	Reverse Cycle	Reverse Cycle	Reverse Cycle
Power		220-240V,1Ph,50Hz				
Indoor unit		MFAB26NB	MFAB35NB	MFAB50NB	MFAB70NB	MFAB90NB
Outdoor unit		MFAB26WB	MFAB35WB	MFAB50WB	MFAB70WB	MFAB90WB
Controllers included		Infrared	Infrared	Infrared	Infrared	Infrared
Rated Capacity Cool/Heat		kW	2.5/3.2	3.5/4.0	5.0/6	7.1/8.0
Max. current		A	9.5	10.5	15.5	19.5
Net Weight	Indoor	kg	8.5	8.6	13.5	13.7
	Outdoor		26.9	28.13	37.9	43.3
Product dimensions (HxWxD)	Indoor	mm	297x802x189	297x802x189	335x1080x226	335x1080x226
	Outdoor		555x765x303	555x765x303	673x890x342	673x890x342
Refrigerant Piping	Liquid side	mm inch	Ø6.35mm(1/4in)	Ø6.35mm(1/4in)	Ø6.35mm(1/4in)	Ø9.52mm(3/8in)
	Gas side		Ø9.52mm(3/8in)	Ø12.7mm(1/2in)	Ø12.7mm(1/2in)	Ø15.9mm(5/8in)
Refrigerant R32	Pre-charged	m	15			
	Quantity	kg	0.8	0.85	1.2	1.3
Max pipe length		m	25	25	30	50
Cooling	Energy rating	hot	★★★★★☆☆	★★★★★☆☆	★★★★★☆☆	★★★★★☆☆
		mix	★★★★★☆☆	★★★★★☆☆	★★★★★☆☆	★★★★★☆☆
		cold	★★★★★☆☆	★★★★★☆☆	★★★★★☆☆	★★★★★☆☆
Heating	Energy rating	hot	★★★★★☆☆	★★★★★☆☆	★★★★★☆☆	★★★★★☆☆
		mix	★★★★★☆☆	★★★★★☆☆	★★★★★☆☆	★★★★★☆☆
		cold	★★★★★☆☆	★★★★★☆☆	★★★★★☆☆	★★★★★☆☆



Feature





DUCTED SYSTEMS

Ducted

DUCTED SYSTEMS
Middle Static Pressure



Ducted Series Middle Static Ducted Single Phase

Capacity			7kW	9kW
Market Model			DUCMI70IB/UCMI700B	DUCMI90IB/UCMI900B
Type			Reverse Cycle	Reverse Cycle
Power			220-240V,1Ph,50Hz	
Indoor unit			DUCMI70IB	DUCMI90IB
Outdoor unit			UCMI700B	UCMI900B
Controllers included			Wired	Wired
Rated Capacity Cool/Heat		kW	7.3/7.4	10.5/11
Max. current		A	16	21
Net Weight	Indoor	kg	31.6	39.9
	Outdoor		45	70.1
Product dimensions (H×W×D)	Indoor	mm	249×1100×774	249×1360×774
	Outdoor		673×890×342	810×946×410
Refrigerant Piping	Liquid side	mm	Ø9.52mm(3/8in)	
	Gas side	inch	Ø15.9mm(5/8in)	
Refrigerant R32	Pre-charged	m	20	
	Quantity	kg	1.75	2.6
Max pipe length		m	50	75

DUCMI70IB



DUCMI90IB



(included)

UCMI700B



UCMI900B



Feature

- 4.3 In LCD Display Screen
- Wireless Network
- Programmable Weekly Timer
- Group Control Dual Control
- Error Code Display
- Constant Air Volume Control
- I-clean Active Clean
- Fresh Air
- Energy Saver
- Touch Button

Ducted Series High Static Ducted Single Phase

R32

Capacity	10kW	12.5kW	14kW	17kW	
Market Model	DUCMI105IHB/UCMI105OB	DUCMI125IHB/UCMI125OB	DUCMI140IHB/UCMI140OB	DUCMI170IHB/UCMI170OB	
Type	Reverse Cycle	Reverse Cycle	Reverse Cycle	Reverse Cycle	
Power	220-240V,1Ph,50Hz				
Indoor unit	DUCMI105IHB	DUCMI125IHB	DUCMI140IHB	DUCMI170IHB	
Outdoor unit	UCMI105OB	UCMI125OB	UCMI140OB	UCMI170OB	
Controllers included	Wired	Wired	Wired	Wired	
Rated Capacity Cool/Heat	kW	10/11	12.5/13	14/14.5	17/17.5
Max. current	A	21	31	31	31
Net Weight	Indoor	54	53.3	53.3	81.1
	Outdoor	70.1	95.1	95.1	95.8
Product dimensions (HxWxD)	Indoor	380x1200x625	380x1200x625	380x1200x625	440x1400x858
	Outdoor	810x946x410	1333x952x415	1333x952x415	1333x952x415
Refrigerant Piping	Liquid side	Ø9.52mm(3/8in)			
	Gas side	Ø15.9mm(5/8in)	Ø15.9mm(5/8in)	Ø15.9mm(5/8in)	Ø19mm(3/4in)
Refrigerant R32	Pre-charged	20			
	Quantity	kg	2.6	3.6	3.6
Max pipe length	m	75			



Feature

- 4.3 In LCD Display Screen
- Wifi Control
- Programmable Weekly Timer
- Group Control Dual Control
- Error Code Display
- Touch Button
- Constant Air Volume Control
- I-clean Active Clean
- Fresh Air
- Energy Saver



(included)

CEILING
CASSETTE

CASSETTE

CEILING CASSETTE

Compact Ceiling Cassette

Four Way Compact Ceiling Cassette Single Phase



Capacity		7.0kW	10.5kW	12.5kW	14.0kW
Market Model		CASMI70IB/UCMI70OBC	CASMI105IB/UCMI105OBC	CASMI125IB/UCMI125OB	CASMI140IB/UCMI140OB
Type		Reverse Cycle	Reverse Cycle	Reverse Cycle	Reverse Cycle
Power		220-240V,1Ph,50Hz			
Indoor unit		CASMI70IB	CASMI105IB	CASMI125IB	CASMI140IB
Outdoor unit		UCMI70OBC	UCMI105OBC	UCMI125OB	UCMI140OB
Controllers included		Infrared	Infrared	Infrared	Infrared
Rated Capacity Cool/Heat		kW7.2/7.7	10.5/11	12.5/13	14/14.5
Max. current		A16	21	31	31
Net Weight	Indoor	kg	24.2(Body)/6(Panel)	29.3(Body)/6(Panel)	29.3(Body)/6(Panel)
	Outdoor		45	70.1	95.1
Productdimensions (H×W×D)	Indoor	mm	245×830×830(Body)/55×950×950(Panel)	287×830×830(Body)/55×950×950(Panel)	
	Outdoor		673×890×342	810×946×410	1333×952×415
Refrigerant Piping	Liquid side	mm	Ø9.52mm(3/8in)		
	Gas side	inch			
Refrigerant R32	Pre-charged	m	20		
	Quantity	kg	1.75	3.6	3.6
Max pipe length		m	50	75	75



Feature

- Follow Me
- Breezeless Technology
- Anti-Cold Air Function
- Sleep Mode
- Dehumidification
- Power Down Memory
- Timer
- Flash Cooling
- Auto Start
- Refrigerant Leakage Detect
- Independent Louver
- Alarm
- Emergency Using Function
- Centralized Control Port
- Remote On/Off
- Multi Outdoor Fan Speed
- Rotation: Intelligent Dusting Switch



MULTI
SPLIT
SYSTEMS

Multi Split Air Conditioner



Capacity			5kW	7kW	8kW	10.5kW	13.5kW
Outdoor unit			MULMI0250B	MULMI0371B	MULMI0480B	MULMI0511B	MULMI0513B
Power			1 Phase 220-240V 50Hz				
Min-Max Indoor Units (ports)			1-2	1-3	1-4	1-5	1-5
Rated Capacity Cool/Heat	kW		5.25/5.5	7.1/7.5	8/8.5	10.5/11	13.5/14
Max. current	A		12	17.5	19.0	22.0	30.0
Net Weight	Outdoor	kg	34.6	48.1	66.2	75.9	91
Product Dimensions (H×W×D)	Outdoor	mm	554×805×330	673×890×342	810×946×410	810×946×410	975×980×415
Refrigerant Piping	Liquid Line	mm inch	2 × Ø6.35 (1/4")	3 × Ø6.35 (1/4")	4 × Ø6.35 (1/4")	5 × Ø6.35 (1/4")	5 × Ø6.35 (1/4")
	Gas Line		2 × Ø9.52 (3/8")	3 × Ø9.52 (3/8")	3 × Ø9.52 (3/8") + 1 × Ø12.7 (1/2")	4 × Ø9.52 (3/8") + 1 × Ø12.7 (1/2")	3 × Ø9.52 + 2 × Ø12.7 (3 × 3/8" + 2 × 1/2")
Refrigerant R32	Pre-charged length for all indoors to outdoor	m	15	22.5	30	37.5	37.5
	Quantity	kg	1.25	1.85	2.4	2.95	3.6
Max. length for all rooms (m)			40	60	80	80	80
Max. length for one IU (m)			25	30	35	35	35
Max. height difference between IU and OU (m)			15				
Max. height difference between IUs (m)			10				



Feature

High Efficiency and Energy Saving

Optimal Comfort

Flexibility and Convenience

Great Reliability

Environment Protection

Xtreme Series (Short Pipe) Wall Mounted



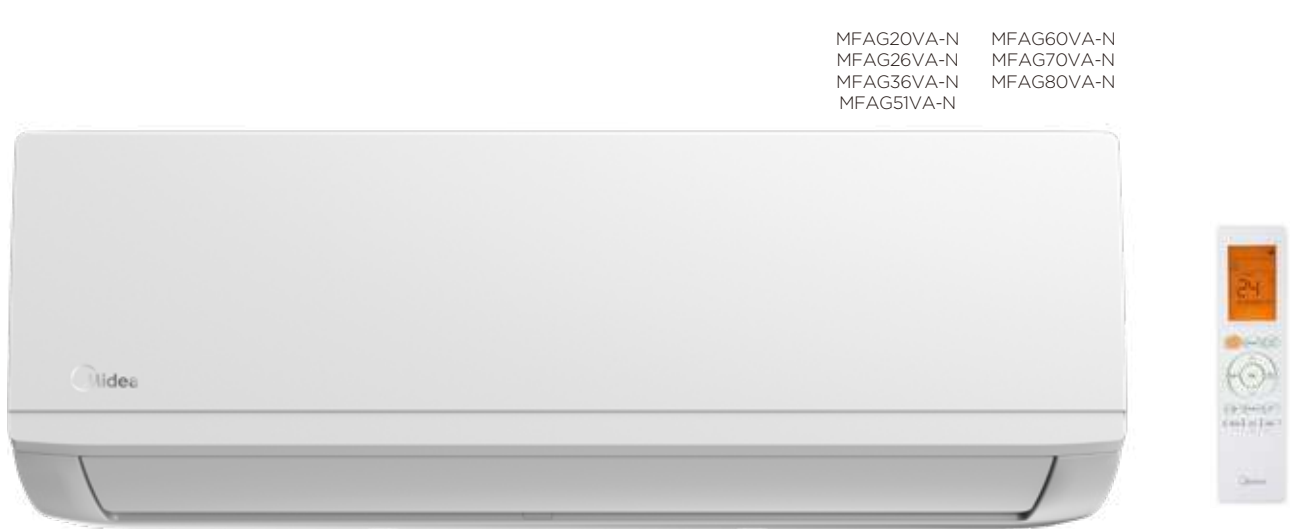
Capacity			2.0kw	2.6kW	3.5kW	5.0kW	6.0kW	7.0kW	8.0kW
Market Model			MFXS20N	MFXS26N	MFXS35N	MFXS50N	MFXS60N	MFXS70N	MFXS80N
Power			1-Phase, 220-240V, 50/60Hz						
Controllers included			Infrared	Infrared	Infrared	Infrared	Infrared	Infrared	Infrared
Rated Capacity Cool/Heat	kW		2.0/2.25	2.65/2.7	3.5/4.0	5.0/5.2	6.0/6.2	7.0/7.5	8.0/8.5
Net Weight	Indoor	kg	8.0	8.5	8.5	11.1	11.1	13.5	13.5
Product dimensions (H×W×D)	Indoor	mm	292×729×200	295×802×200	295×802×200	321×971×228	321×971×228	337×1082×234	337×1082×234
Refrigerant Piping	Liquid side	mm	Ø6.35mm(1/4in)						
	Gas side	inch	Ø9.52mm(3/8in)	Ø9.52mm(3/8in)	Ø9.52mm(3/8in)	Ø12.7mm(1/2in)	Ø12.7mm(1/2in)	Ø15.9mm(5/8in)	Ø15.9mm(5/8in)



Venus Series Wall Mounted



Capacity			2.0kw	2.6kW	3.5kW	5.0kW	7.0kW	8.0kW
Market Model			MFAG20VA-N	MFAG26VA-N	MFAG36VA-N	MFAG51VA-N	MFAG70VA-N	MFAG80VA-N
Power			1-Phase, 220-240V, 50/60Hz					
Controllers included			Infrared	Infrared	Infrared	Infrared	Infrared	Infrared
Rated Capacity Cool/Heat	kW		2.0/2.25	2.6/2.7	3.55/3.8	5.0/5.52	7.0/7.5	8.0/8.5
Net Weight	Indoor	kg	8.0	8.0	8.5	11.1	13.5	13.5
Product dimensions (HxWxD)	Indoor	mm	292×729×200	292×729×200	295×802×200	321×971×228	337×1082×234	337×1082×234
Refrigerant Piping	Liquid side	mm	Ø6.35mm(1/4in)					
	Gas side	inch	Ø9.52mm(3/8in)	Ø9.52mm(3/8in)	Ø9.52mm(3/8in)	Ø12.7mm(1/2in)	Ø15.9mm(5/8in)	Ø15.9mm(5/8in)

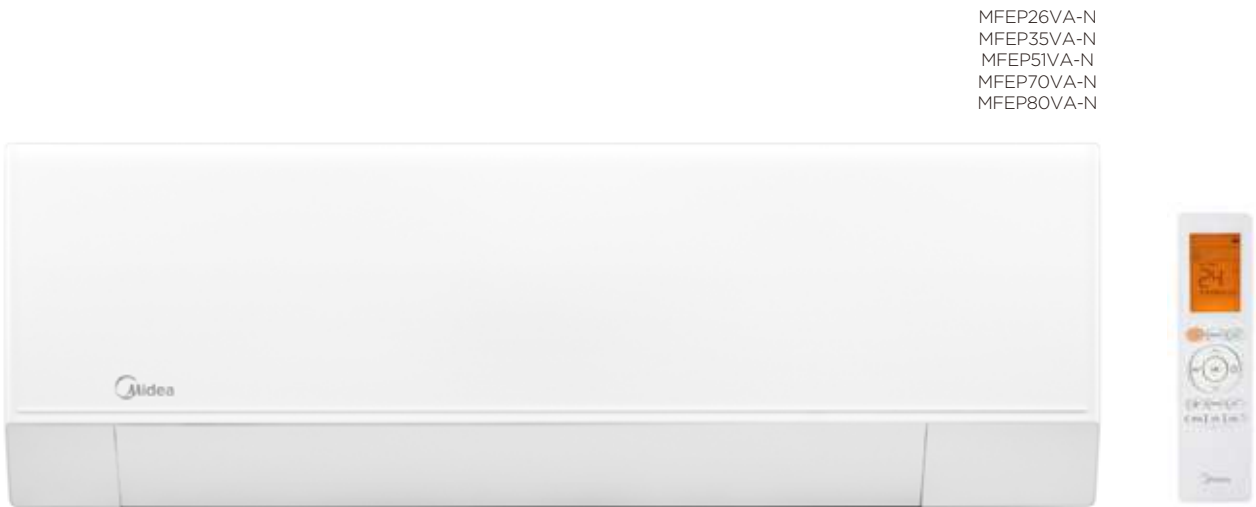


MFAG20VA-N MFAG60VA-N
MFAG26VA-N MFAG70VA-N
MFAG36VA-N MFAG80VA-N
MFAG51VA-N

EOS Series Wall Mounted



Capacity			2.6kw	3.5kW	5.0kW	7.0kW	8.0kW
Market Model			MFEP26VA-N	MFEP35VA-N	MFEP51VA-N	MFEP70VA-N	MFEP80VA-N
Power			1-Phase, 220-240V, 50/60Hz				
Controllers included			Infrared	Infrared	Infrared	Infrared	Infrared
Rated Capacity Cool/Heat	kW		2.6/2.7	3.5/3.65	5.0/5.3	7.0/8.8	8.0/9.0
Net Weight	Indoor	kg	10.3	10.3	12.3	17.6	17.6
Product dimensions (HxWxD)	Indoor	mm	295×795×225	295×795×225	319×965×239	370×1140×275	370×1140×275
Refrigerant Piping	Liquid side	mm	Ø6.35mm(1/4in)				
	Gas side	inch	Ø9.52mm(3/8in)	Ø9.52mm(3/8in)	Ø12.7mm(1/2in)	Ø15.9mm(5/8in)	Ø15.9mm(5/8in)



MFEP26VA-N
MFEP35VA-N
MFEP51VA-N
MFEP70VA-N
MFEP80VA-N

Bulkhead



Capacity			2.6kW	3.5kW	5.0kW	7.0kW
Market Model			MULMID09B	MULMID12B	MULMID18B	MULMID24B
Power			1-Phase, 220-240V, 50/60Hz			
Controllers included			Infrared	Infrared	Infrared	Infrared
Rated Capacity Cool/Heat kW			2.6/2.9	3.5/3.8	5.0/5.5	7.0/7.6
Net Weight Indoor kg			18	17.8	24.4	32.3
Product dimensions (HxWxD) Indoor mm			200×700×450	200×700×506	210×880×674	249×1100×774
Refrigerant Piping	Liquid side	mm	Ø6.35mm(1/4in)			
	Gas side	inch	Ø9.52mm(3/8in)	Ø9.52mm(3/8in)	Ø12.7mm(1/2in)	Ø15.9mm(5/8in)



MULMID09B
MULMID12B
MULMID18B
MULMID24B

Mini Cassette



Capacity			2kW	2.6kW	3.5kW	5kW
Market Model			MULMIC07B	MULMIC09B	MULMIC12B	MULMIC18B
Power			1-Phase, 220-240V, 50/60Hz			
Controllers included			Infrared	Infrared	Infrared	Infrared
Rated Capacity Cool/Heat kW			2.0/2.35	2.6/2.93	3.5/4.1	5.0/5.42
Net Weight	Indoor	kg	14.5	14.5	16.2	16.2
	Panel	kg	2.5			
Product dimensions (HxWxD)	Indoor	mm	260×570×570			
	Indoor	mm	317×662×662			
Refrigerant Piping	Liquid side	mm	Ø6.35mm(1/4in)			
	Gas side	inch	Ø9.52mm(3/8in)	Ø9.52mm(3/8in)	Ø9.52mm(3/8in)	Ø12.7mm(1/2in)

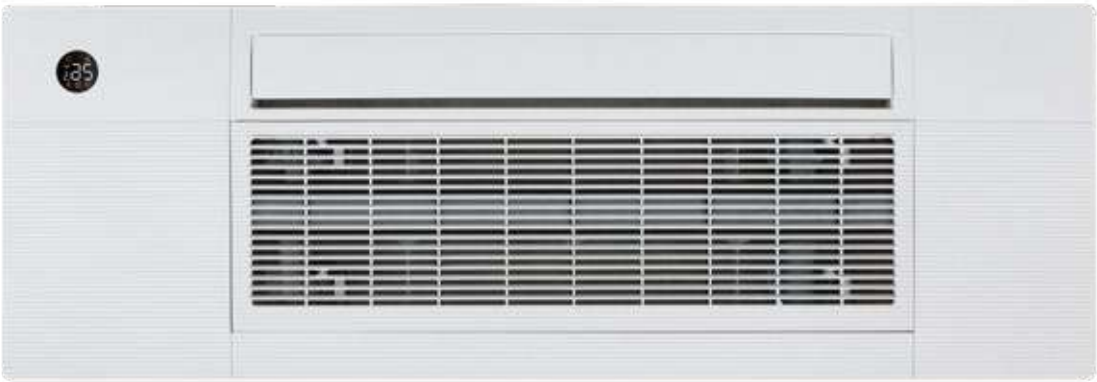


MULMIC07B
MULMIC09B
MULMIC12B
MULMIC18B



One-way Cassette

Capacity			2.6kW	3.5kW	5.0kW
Market Model			MULMIO09	MULMIO12	MULMIO18
Power			1-Phase, 220-240V, 50/60Hz		
Controllers included			Infrared	Infrared	Infrared
Rated Capacity Cool/Heat kW			2.76/2.9	3.6/3.9	5.0/5.2
Net Weight Indoor kg			20.1		
Product dimensions (HxWxD) Indoor mm			228x1278x335		
Refrigerant Piping	Liquid side	mm	Ø9.52mm(3/8in)		
	Gas side	inch	Ø15.9mm(5/8in)		



MULMIO09
MULMIO12
MULMIO18



V8M Series Single Phase



Capacity		7.2kW	9.0kW	12.3kW	14.0kW	15.5kW	17.5kW
Outdoor Unit		MV8M-80WV2N8	MV8M-100WV2N8	MV8M-120WV2N8	MV8M-140WV2N8	MV8M-160WV2N8	MV8M-180WV2N8
Power		1-Phase, 220-240V, 50/60Hz					
Weight	kg	78	78	94	94	94	94
External dimensions (H×W×D)	mm	1040×865×410					



V8M Series Three Phase



Capacity		12.3kW	14.0kW	15.5kW	17.5kW
Outdoor Unit		MV8M-120WV2RN8	MV8M-140WV2RN8	MV8M-160WV2RN8	MV8M-180WV2RN8
Power	V/N/Hz	380-415/3/50			
Weight	kg	110			
External dimensions (H×W×D)	mm	1040×865×410			



V6i Series Three Phase



Capacity		20.0kW	22.4kW	26.0kW	28.0kW
Outdoor Unit		MVi-200WV2GN1(A)	MVi-224WV2GN1(A)	MVi-260WV2GN1(A)	MVi-280WV2GN1(A)
Power	V/N/Hz	380-415/3/50			
Weight	kg	110	110	110	110
External dimensions (H×W×D)	mm	1558×1120×528			



V8S Series (Single Unit)



Capacity		8HP / 25.2kW	10HP / 28kW	12HP / 33.5kW	14HP / 40kW
Outdoor Unit		MV8S-252WV2RN1	MV8S-280WV2RN1	MV8S-335WV2RN1	MV8S-400WV2RN1
Power	V/N/Hz	380-415/3/50			
Cooling	Capacity	kW	25.2	28	33.5
		kBtu/h	86.0	95.5	114.3
Net dimension(H×W×D)	mm	1760×1130×580			
Net/Gross weight	kg	177	177	180	182

Capacity		16HP / 45kW	18HP / 50kW	20HP / 56kW	22HP / 61.5kW
Outdoor Unit		MV8S-450WV2RN1	MV8S-500WV2RN1	MV8S-560WV2RN1	MV8S-615WV2RN1
Power	V/N/Hz	380-415/3/50			
Cooling	Capacity	kW	45	50	56
		kBtu/h	153.5	170.6	191.1
Net dimension(H×W×D)	mm	1760×1250×580			
Net/Gross weight	kg	208	208	228	228



V8S Series (Combined Unit)



Capacity		Model	Combination Type	Image
HP	KW			
24	67	MV8S-670WV2RN1	12HP+12HP	
26	73	MV8S-730WV2RN1	12HP+14HP	
28	78.5	MV8S-785WV2RN1	14HP+14HP	
30	85	MV8S-850WV2RN1	14HP+16HP	
32	90	MV8S-900WV2RN1	14HP+18HP	
34	96	MV8S-960WV2RN1	16HP+18HP	
36	101	MV8S-1010WV2RN1	18HP+18HP	
38	107	MV8S-1070WV2RN1	16HP+22HP	
40	112	MV8S-1120WV2RN1	18HP+22HP	
42	117	MV8S-1170WV2RN1	20HP+22HP	
44	123	MV8S-1230WV2RN1	22HP+22HP	
46	128.5	MV8-1285WV2RN1	14HP+14HP+18HP	
48	134	MV8S-1340WV2RN1	14HP+16HP+18HP	
50	140	MV8S-14000WV2RN1	14HP+18HP+18HP	
52	146	MV8S-1460WV2RN1	16HP+18HP+18HP	
54	151.5	MV8S-1515WV2RN1	18HP+18HP+18HP	
56	157	MV8S-1570WV2RN1	16HP+18HP+22HP	
58	163	MV8S-1630WV2RN1	18HP+18HP+22HP	
60	168.5	MV8S-1685WV2RN1	18HP+20HP+22HP	
62	175	MV8S-1750WV2RN1	18HP+22HP+22HP	
64	180	MV8S-1800WV2RN1	20HP+22HP+22HP	
66	186	MV8S-1860WV2RN1	22HP+22HP+22HP	
68	191	MV8S-1910WV2RN1	14HP+18HP+18HP+18HP	
70	197	MV8S-1970WV2RN1	14HP+18HP+18HP+20HP	
72	202	MV8S-2020WV2RN1	18HP+18HP+18HP+18HP	
74	207	MV8S-2070WV2RN1	18HP+18HP+18HP+20HP	
76	213	MV8S-2130WV2RN1	18HP+18HP+18HP+22HP	
78	218.5	MV8S-2185WV2RN1	18HP+18HP+20HP+22HP	
80	224	MV8S-2240WV2RN1	18HP+18HP+22HP+22HP	
82	230	MV8S-2300WV2RN1	18HP+20HP+22HP+22HP	
84	236	MV8S-2360WV2RN1	18HP+22HP+22HP+22HP	
86	241.5	MV8S-2415WV2RN1	20HP+22HP+22HP+22HP	
88	247	MV8S-2470WV2RN1	22HP+22HP+22HP+22HP	

V8 PRO series (Single Unit)



Capacity	8HP / 25.2kW	10HP / 28.0kW	12HP / 33.5kW	14HP / 40.0kW	16HP / 45.0kW
Outdoor Unit	MV8-252WV2RN1E(PRO)	MV8-280WV2RN1E(PRO)	MV8-335WV2RN1E(PRO)	MV8-400WV2RN1E(PRO)	MV8-400WV2RN1E(PRO)
Power	380-415/3/50				
Net Weight	kg	195	195	195	215
External dimensions (H×W×D)	mm	825x940x1760			

Capacity	18HP / 50.0kW	20HP / 56.0kW	22HP / 61.5kW	24HP / 67.0kW
Outdoor Unit	MV8-500WV2RN1E(PRO)	MV8-560WV2RN1E(PRO)	MV8-615WV2RN1E(PRO)	MV8-670WV2RN1E(PRO)
Power	380-415/3/50			
Net Weight	kg	215	295	315
External dimensions (H×W×D)	mm	825x1340x1760		825x1880x1760

Capacity	26HP / 73.0kW	28HP / 78.5kW	30HP / 85.0kW	32HP / 90.0kW
Outdoor Unit	MV8-730WV2RN1E(PRO)	MV8-785WV2RN1E(PRO)	MV8-850WV2RN1E(PRO)	MV8-900WV2RN1E(PRO)
Power	380-415/3/50			
Net Weight	kg	396	396	396
External dimensions (H×W×D)	mm	825x1880x1760		



8/10/12/14/16HP
25.2/28.0/33.5/40.0/45.0kW



18/20/22/24HP
50.0/56.0/61.5/67.0kW



26/28/30/32HP
73.0/78.5/85.0/90.0kW



V8 PRO series (Combined Unit)

Capacity		Model	Combination Type	Image
HP	KW			
34	96	MV8-960WV2RNIE(PRO)	14HP+20HP	
36	101	MV8-1010WV2RNIE(PRO)	16HP+20HP	
38	107	MV8-1070WV2RNIE(PRO)	14HP+24HP	
40	112	MV8-1120WV2RNIE(PRO)	16HP+24HP	
42	117	MV8-1170WV2RNIE(PRO)	18HP+24HP	
44	123	MV8-1230WV2RNIE(PRO)	22HP+22HP	
46	128.5	MV8-1285WV2RNIE(PRO)	22HP+24HP	
48	134	MV8-1340WV2RNIE(PRO)	24HP+24HP	
50	140	MV8-14000WV2RNIE(PRO)	18HP+32HP	
52	146	MV8-1460WV2RNIE(PRO)	20HP+32HP	
54	151.5	MV8-1515WV2RNIE(PRO)	22HP+32HP	
56	157	MV8-1570WV2RNIE(PRO)	24HP+32HP	
58	163	MV8-1630WV2RNIE(PRO)	26HP+32HP	
60	168.5	MV8-1685WV2RNIE(PRO)	28HP+32HP	
62	175	MV8-1750WV2RNIE(PRO)	30HP+32HP	
64	180	MV8-1800WV2RNIE(PRO)	32HP+32HP	
66	186	MV8-1860WV2RNIE(PRO)	14HP+20HP+32HP	
68	191	MV8-1910WV2RNIE(PRO)	16HP+20HP+32HP	
70	197	MV8-1970WV2RNIE(PRO)	14HP+24HP+32HP	
72	202	MV8-2020WV2RNIE(PRO)	16HP+24HP+32HP	
74	207	MV8-2070WV2RNIE(PRO)	18HP+24HP+32HP	
76	213	MV8-2130WV2RNIE(PRO)	22HP+22HP+32HP	
78	218.5	MV8-2185WV2RNIE(PRO)	22HP+24HP+32HP	
80	224	MV8-2240WV2RNIE(PRO)	24HP+24HP+32HP	
82	230	MV8-2300WV2RNIE(PRO)	18HP+32HP+32HP	
84	236	MV8-2360WV2RNIE(PRO)	20HP+32HP+32HP	
86	241.5	MV8-2415WV2RNIE(PRO)	22HP+32HP+32HP	
88	247	MV8-2470WV2RNIE(PRO)	24HP+32HP+32HP	
90	253	MV8-2530WV2RNIE(PRO)	26HP+32HP+32HP	
92	258.5	MV8-2585WV2RNIE(PRO)	28HP+32HP+32HP	
94	265	MV8-2650WV2RNIE(PRO)	30HP+32HP+32HP	
96	270	MV8-2700WV2RNIE(PRO)	32HP+32HP+32HP	

Wall Mounted

Model			MIH15GHN18	MIH22GHN18	MIH28GHN18	MIH36GHN18
Power			1-phase, 220-240V, 50/60Hz			
Cooling	Capacity	kW	1.5	2.2	2.8	3.6
	Power input	W	18	21	24	27
Heating	Capacity	kW	1.7	2.4	3.2	4
	Power input	W	18	21	24	27
Sound pressure level		dB(A)	32/31/30/30/ 29/28/27	33/32/31/30/ 29/28/27	35/34/33/32/ 31/30/28	37/36/34/33/ 31/30/28
Pipe connections	Liquid	mm	Ø6.35			
	Gas	mm	Ø12.7			
Net dimension(H×W×D)		mm	295×750×265			
Packing dimension(H×W×D)		mm	385×875×360			
Net/Gross weight		kg	10/12.5			
Model			MIH45GHN18	MIH56GHN18	MIH71GHN18	MIH80GHN18
Power			1-phase, 220-240V, 50/60Hz			
Cooling	Capacity	kW	4.5	5.6	7.1	8
	Power input	W	30	40	50	65
Heating	Capacity	kW	5	6.3	8	9
	Power input	W	30	40	50	65
Sound pressure level		dB(A)	37/35/33/32/ 31/30/29	41/39/37/35/ 33/31/29	44/42/40/38/ 36/34/32	45/43/41/39/ 37/35/32
Pipe connections	Liquid	mm	Ø6.35		Ø9.52	
	Gas	mm	Ø12.7		Ø15.9	
Net dimension(H×W×D)		mm	295×950×265		295×1200×265	
Packing dimension(H×W×D)		mm	385×1075×360		385×1315×360	
Net/Gross weight		kg	11.5/14		15/18	





One-Way Cassette

Model			MIH18Q1HN18		MIH22Q1HN18		MIH28Q1HN18			
Power			1-phase, 220-240V, 50/60Hz							
Cooling	Capacity	kW	1.8		2.2		2.8			
		kBtu/h	6.1		7.5		9.6			
	Power input	W	25		25		30			
Heating	Capacity	kW	2.2		2.6		3.2			
		kBtu/h	7.5		8.9		10.9			
	Power input	W	25		25		30			
Airflow rate		m³/h	380/355/330/300/286/263/240		380/355/330/300/286/263/240		460/440/410/380/355/330/300			
Sound pressure level		dB(A)	30/28/27/26/25/24/22		30/28/27/26/25/24/22		37/36/35/34/32/31/30			
Indoor unit	Net dimensions (H×W×D)	mm	153×1054×428							
	Net dimensions(no water tray)(H×W×D)	mm	141×1054×428							
	Packed dimensions (H×W×D)	mm	245×1155×490							
	Net/Gross weight	kg	11.5/14.5		11.5/14.5		11.8/14.8			
Panel	Net dimensions (H×W×D)	mm	25×1180×465							
	Packed dimensions (H×W×D)	mm	107×1232×517							
	Net/Gross weight	kg	3.5/4.7							
Pipe connections	Liquid/Gas pipe	mm	Ø6.35/Ø12.7							
	Drain pipe	mm	OD Ø25							
Model			MIH36Q1HN18		MIH45Q1HN18		MIH56Q1HN18		MIH71Q1HN18	
Power			1-phase, 220-240V, 50/60Hz							
Cooling	Capacity	kW	3.6		4.5		5.6		7.1	
		kBtu/h	12.3		15.4		19.1		24.2	
	Power input	W	30		40		48		60	
Heating	Capacity	kW	4.0		5.0		6.3		8.0	
		kBtu/h	13.6		17.1		21.5		27.3	
	Power input	W	30		40		48		60	
Airflow rate		m³/h	460/440/410/380/355/330/300		693/662/638/600/556/510/476		792/763/728/688/643/589/549		933/873/815/749/689/637/592	
Sound pressure level		dB(A)	38/37/35/34/32/31/30		39/37/36/35/34/32/31		41/39/38/37/36/35/33		43/41/40/39/37/36/35	
Indoor unit	Net dimensions (H×W×D)	mm	153×1054×428		189×1275×452					
	Net dimensions(no water tray)(H×W×D)	mm	141×1054×428		176×1275×452					
	Packed dimensions (H×W×D)	mm	245×1155×490		295×1370×505					
	Net/Gross weight	kg	11.8/14.8		15.8/20.2		15.8/20.2		16.9/21.4	
Panel	Net dimensions (H×W×D)	mm	25×1180×465		25×1350×505					
	Packed dimensions (H×W×D)	mm	107×1232×517		95×1410×560					
	Net/Gross weight	kg	3.5/4.7		4/5.6					
Pipe connections	Liquid/Gas pipe	mm	Ø6.35/Ø12.7						Ø9.52/Ø15.9	
	Drain pipe	mm	OD Ø25							

MIH18Q1HN18
MIH22Q1HN18



MIH28Q1HN18
MIH36Q1HN18



MIH45Q1HN18
MIH56Q1HN18
MIH71Q1HN18



Two-way Cassette

Model			MIH22Q2HN18		MIH28Q2HN18		MIH36Q2HN18	
Power			1-phase, 220-240V, 50/60Hz					
Cooling	Capacity	kW	2.2		2.8		3.6	
		kBtu/h	7.5		9.6		12.3	
	Power input	W	35		40		40	
Heating	Capacity	kW	2.6		3.2		4.0	
		kBtu/h	8.9		10.9		13.6	
	Power input	W	35		40		40	
Airflow rate		m³/h	654/612/571/530/488/449/410		654/612/571/530/488/449/410		725/679/641/591/554/509/458	
Sound pressure level		dB(A)	33/31/30/29/27/25/24		33/31/30/29/27/25/24		35/33/32/30/29/27/25	
Indoor unit	Net dimension (H×W×D)	mm	299×1172×591					
	Packed dimensions (H×W×D)	mm	400×1355×675					
	Net/Gross weight	kg	29.7/36.3					
Panel	Net dimension (H×W×D)	mm	53×1430×680					
	Packed dimensions (H×W×D)	mm	130×1525×765					
	Net/Gross weight	kg	11/15					
Pipe connections	Liquid/Gas pipe	mm	Ø6.35/Ø12.7					
	Drain pipe	mm	OD Ø32					
Model			MIH45Q2HN18		MIH56Q2HN18		MIH71Q2HN18	
Power			1-phase, 220-240V, 50/60Hz					
Cooling	Capacity	kW	4.5		5.6		7.1	
		kBtu/h	15.4		19.1		24.2	
	Power input	W	50		69		98	
Heating	Capacity	kW	5.0		6.3		8.0	
		kBtu/h	17.1		21.5		27.3	
	Power input	W	50		69		98	
Airflow rate		m³/h	850/792/731/670/631/592/550		980/925/855/800/755/702/670		1200/1115/1068/1000/921/808/770	
Sound pressure level		dB(A)	33/31/30/29/27/25/24		33/31/30/29/27/25/24		35/33/32/30/29/27/25	
Indoor unit	Net dimension (H×W×D)	mm	299×1172×591					
	Packed dimensions (H×W×D)	mm	400×1355×675					
	Net/Gross weight	kg	31.6/38.2					
Panel	Net dimension (H×W×D)	mm	53×1430×680					
	Packed dimensions (H×W×D)	mm	130×1525×765					
	Net/Gross weight	kg	11/15					
Pipe connections	Liquid/Gas pipe	mm	Ø6.35/Ø12.7		Ø6.35/Ø12.7		Ø9.52/Ø15.9	
	Drain pipe	mm	OD Ø32					



Four-way Cassette

Model			MIH28Q4HN18	MIH36Q4HN18	MIH45Q4HN18	MIH56Q4HN18
Power			1-phase, 220-240V, 50/60Hz			
Cooling	Capacity	kW	2.8	3.6	4.5	5.6
		kBtu/h	9.6	12.3	15.4	19.1
	Power input	W	17.0	17.0	36	23.0
Heating	Capacity	kW	3.2	4.0	5.0	6.3
		kBtu/h	10.9	13.7	17.1	21.5
	Power input	W	17.0	17.0	36.0	23.0
Airflow rate		m³/h	790/740/691/641/591/542/492	790/740/691/641/591/542/492	910/840/770/701/631/561/491	840/791/741/692/642/593/543
Sound pressure level		dB(A)	30/29/28/27.5/27/26/25	30/29/28/27.5/27/26/25	37/35/34/32/30/29/27	33/32/31/30/29/28/27
Indoor unit	Net dimension (H×W×D)	mm	204×840×840			
	Packed dimensions (H×W×D)	mm	250×940×940			
	Net/Gross weight	kg	18/20.5			19.5/22
Panel	Net dimension (H×W×D)	mm	53×950×950			
	Packed dimensions (H×W×D)	mm	90×1020×1020			
	Net/Gross weight	kg	5.6/7.3			
Pipe connections	Liquid/Gas pipe	mm	Ø6.35/Ø12.7			
	Drain pipe	mm	OD Ø25			
Model			MIH71Q4HN18	MIH80Q4HN18	MIH90Q4HN18	MIH100Q4HN18
Power			1-phase, 220-240V, 50/60Hz			
Cooling	Capacity	kW	7.1	8.0	9.0	10.0
		kBtu/h	24.2	27.3	30.7	24.1
	Power input	W	32.0	41.0	43.0	74.0
Heating	Capacity	kW	8.0	9.0	10.0	11.2
		kBtu/h	27.3	30.7	34.1	38.2
	Power input	W	32.0	41.0	43.0	74.0
Airflow rate		m³/h	1000/943/886/829/772/715/658	1100/1019/939/858/777/697/616	1330/1239/1148/1057/965/874/783	1470/1360/1250/1141/1031/921/811
Sound pressure level		dB(A)	37/36/34/33/31/30/28	42.5/40/38/36/34/32/30	38/37/35/34/32/31/29	43/41/40/38/36/35/33
Indoor unit	Net dimension (H×W×D)	mm	204×840×840			
	Packed dimensions (H×W×D)	mm	250×940×940			
	Net/Gross weight	kg	19.5/22			21.5/24
Panel	Net dimension (H×W×D)	mm	53×950×950			
	Packed dimensions (H×W×D)	mm	90×1020×1020			
	Net/Gross weight	kg	5.6/7.3			
Pipe connections	Liquid/Gas pipe	mm	Ø9.52/ Ø15.9			
	Drain pipe	mm	OD Ø25			



Four-way Cassette

Model			MIH112Q4HN18	MIH140Q4HN18	MIH160Q4HN18	MIH180Q4HN18
Power			1-phase, 220-240V, 50/60Hz			
Cooling	Capacity	kW	11.2	14.0	16.0	18.0
		kBtu/h	38.2	47.8	54.6	61.4
	Power input	W	61.0	118.0	110.0	145.0
Heating	Capacity	kW	12.5	16.0	18.0	20.0
		kBtu/h	42.7	54.6	61.4	68.2
	Power input	W	61.0	118.0	110.0	145.0
Airflow rate		m³/h	1600/1497/1393/1290/1186/1083/979	1900/1787/1673/1560/1446/1333/1219	2100/1900/1760/1630/1500/1380/1270	2300/2140/1960/1770/1600/1430/1270
Sound pressure level		dB(A)	41/40/38/37/36/34/33	47.5/46/44/42/40/38/36.5	48/46/44/43/41/39/37	52/49/47/45/42/39/38
Indoor unit	Net dimension (H×W×D)	mm	204×840×840			
	Packed dimensions (H×W×D)	mm	250×940×940			
	Net/Gross weight	kg	24/26.5			32.6/37.2
Panel	Net dimension (H×W×D)	mm	53×950×950			55×1050×1050
	Packed dimensions (H×W×D)	mm	90×1020×1020			100×1115×1115
	Net/Gross weight	kg	5.6/7.3			7.4/9.7
Pipe connections	Liquid/Gas pipe	mm	Ø9.52/ Ø15.9			
	Drain pipe	mm	OD Ø25			



Compact Four-Way Cassette

Model			MIH15Q4CHN18		MIH22Q4CHN18		MIH28Q4CHN18			
Power			1-phase, 220-240V, 50/60Hz							
Cooling	Capacity	kW	1.5		2.2		2.8			
		kBtu/h	5.1		7.5		9.6			
	Power input	W	14		14		16			
Heating	Capacity	kW	1.8		2.4		3.2			
		kBtu/h	6.1		8.2		10.9			
	Power input	W	14		14		16			
Airflow rate		m³/h	450/425/400/370/345/320/295		450/425/400/370/345/320/295		510/480/455/425/395/370/340			
Sound pressure level		dB(A)	29/28/27/27/26/26/25		29/28/27/27/26/26/25		30/29/28/27/26/26/25			
Sound power level		dB(A)	40/39/39/39/38/38/38		40/39/39/39/38/38/38		42/41/40/39/39/38/38			
Indoor unit	Net dimension (H×W×D)	mm	235×575×638							
	Packed dimensions (H×W×D)	mm	285×690×690							
	Net/Gross weight	kg	13.0/15.0							
Panel	Net dimension (H×W×D)	mm	65×620×620							
	Packed dimensions (H×W×D)	mm	80×680×665							
	Net/Gross weight	kg	2.3/3.0							
Pipe connections	Liquid/Gas pipe	mm	Ø6.35/Ø12.7							
	Drain pipe	mm	OD Ø25							
Model			MIH36Q4CHN18		MIH45Q4CHN18		MIH56Q4CHN18		MIH56Q4CHN18	
Power			1-phase, 220-240V, 50/60Hz							
Cooling	Capacity	kW	3.6		4.5		5.6		6.3	
		kBtu/h	12.3		15.4		19.1		21.5	
	Power input	W	18		25		35		50	
Heating	Capacity	kW	4.0		5.0		6.3		7.1	
		kBtu/h	13.7		17.1		21.5		24.2	
	Power input	W	18		25		35		50	
Airflow rate		m³/h	530/500/470/440/405/375/345		640/605/570/530/495/460/425		810/765/720/670/625/580/535		905/855/805/755/705/655/605	
Sound pressure level		dB(A)	31/30/29/28/27/26/25.5		36.5/35/33/31/29/28/26.5		39/38/37/36/35/34/32		43/42/40/38/36/35/33.5	
Sound power level		dB(A)	42/40/39/38/38/38/38		44/44/43/42/41/41/41		48/46/45/43/42/42/41		51/50/48/46/45/44/42	
Indoor unit	Net dimension (H×W×D)	mm	235×575×638							
	Packed dimensions (H×W×D)	mm	285×690×690							
	Net/Gross weight	kg	14.0/16.0				15.0/17.0			
Panel	Net dimension (H×W×D)	mm	65×620×620							
	Packed dimensions (H×W×D)	mm	80×680×665							
	Net/Gross weight	kg	2.3/3.0							
Pipe connections	Liquid/Gas pipe	mm	Ø6.35/Ø12.7						Ø9.52/Ø15.9	
	Drain pipe	mm	OD Ø25							



Arc Duct

Model			MIH15T3HN18	MIH22T3HN18	MIH28T3HN18	MIH36T3HN18	MIH45T3HN18
Power			1-phase, 220-240V, 50/60Hz				
Cooling	Capacity	kW	1.5	2.2	2.8	3.6	4.5
		kBtu/h	5.1	7.5	9.6	12.3	15.4
	Power input	W	21	22	28	31	43
Heating	Capacity	kW	1.8	2.5	3.2	4	5
		kBtu/h	6.1	8.5	10.9	13.7	17.1
	Power input	W	21	22	28	31	43
Airflow rate		m³/h	340/335/329/320/307/298/290	370/347/339/322/314/306/295	460/431/413/380/351/323/300	605/557/508/453/414/365/320	800/770/701/629/557/506/435
External static pressure		Pa	10 (10-50)				
Sound pressure level		dB(A)	27/26/25.5/24.5/23.5/22.5/22	28/27.5/26.5/25.5/24.5/23.5/22	30/29.5/28.5/27.5/26/24.5/22	30/29.5/28.5/27.5/26.5/25.5/25	33/32.5/32/30.5/29/27.5/26
Sound power level		dB(A)	43.5/43/42.5/42/41.5/41/40	46/45/44/43/42/41/40	50.5/49/47/45.5/43.5/42/40	50.5/49.5/48/47/45.5/44.5/43	52/50.5/49/47.5/46/44.5/43
Unit	Net dimension (H×W×D)	mm	199×550×450			199×700×450	199×900×450
	Packed dimensions (H×W×D)	mm	255×715×525			255×865×525	255×1065×525
	Net/Gross weight	kg	11.5/13.5			13.0/15.5	16.5/19.5
Pipe connections	Liquid/Gas pipe	mm	Ø6.35/Ø12.7				
	Drain pipe	mm	OD Ø25				
Model			MIH56T3HN18	MIH71T3HN18	MIH80T3HN18	MIH90T3HN18	MIH112T3HN18
Power			1-phase, 220-240V, 50/60Hz				
Cooling	Capacity	kW	5.6	7.1	8	9	11.2
		kBtu/h	19.1	24.2	27.3	30.7	38.2
	Power input	W	58	65	108	108	128
Heating	Capacity	kW	6.3	8	9	10	12.5
		kBtu/h	21.5	27.3	30.7	34.1	42.7
	Power input	W	58	65	108	108	128
Airflow rate		m³/h	900/800/761/682/603/549/470	1145/1033/957/860/763/671/580	1400/1327/1249/1175/1095/1026/960	1400/1327/1249/1175/1095/1026/960	1620/1522/1433/1343/1254/1170/1080
External static pressure		Pa	10 (10-50)			20(10-80)	
Sound pressure level		dB(A)	36/34.5/33.5/32.5/31/29/27	37/35/34/32.5/31/30/29	36.5/35.5/34/33/32/31.5/30.5	36.5/35.5/34/33/32/31.5/30.5	39.5/38/36.5/35/34/32.5/31.5
Sound power level		dB(A)	56/54/52/50/48/46/44	57/55.5/54/52/50.5/49/47	57/56/54.5/53.5/52/51/49.5	57/56/54.5/53.5/52/51/49.5	60.5/59/57.5/55.5/54/52.5/50.5
Unit	Net dimension (H×W×D)	mm	199×900×450	199×1100×450	199×1600×450		
	Packed dimensions (H×W×D)	mm	255×1065×525	255×1300×525	250×1780×525		
	Net/Gross weight	kg	16.5/19.5	20/23.5	28/32.5		
Pipe connections	Liquid/Gas pipe	mm	Ø6.35/Ø12.7	Ø5.2/Ø15.9			
	Drain pipe	mm	OD Ø25				



Medium Static Pressure Duct

Model			MIH15T2HN18	MIH22T2HN18	MIH28T2HN18	MIH36T2HN18
Power			1-phase, 220-240V, 50/60Hz			
Cooling	Capacity	kW	1.5	2.2	2.8	3.6
		kBtu/h	5.1	7.5	9.6	12.3
	Power input	W	33	36	40	50
Heating	Capacity	kW	1.8	2.5	3.2	4
		kBtu/h	6.1	8.5	10.9	13.7
	Power input	W	33	36	40	50
Airflow rate		m³/h	470/438/407/375/ 343/312/280	500/467/433/400/ 367/333/300	540/503/467/430/ 393/357/320	575/535/495/455 /415/375/335
External static pressure		Pa	30 (10-160)			
Sound pressure level		dB(A)	26.5/26/25/24/ 23/22.5/22	26.5/26/25/24/ 23/22.5/22	26.5/26/25/24/ 23/22.5/22	29/28/27/26/ 25/23/22
Unit	Net dimension (H×W×D)	mm	245×600×750			
	Packed dimensions (H×W×D)	mm	305×765×890			
	Net/Gross weight	kg	18.5/21			
Pipe connections	Liquid/Gas pipe	mm	Ø6.35/Ø12.7			
	Drain pipe	mm	OD Ø25			
Model			MIH45T2HN18	MIH56T2HN18	MIH71T2HN18	MIH80T2HN18
Power			1-phase, 220-240V, 50/60Hz			
Cooling	Capacity	kW	4.5	5.6	7.1	8
		kBtu/h	15.4	19.1	24.2	27.3
	Power input	W	70	70	96	102
Heating	Capacity	kW	5	6.3	8	9
		kBtu/h	17.1	21.5	27.3	30.7
	Power input	W	70	70	96	102
Airflow rate		m³/h	665/623/580/538/ 495/453/410	970/904/838/773/ 707/641/575	1150/1068/986/904/ 822/740/660	1355/1263/1172/1080/ 988/897/805
External static pressure		Pa	30 (10-160)			
Sound pressure level		dB(A)	33/32/29.5/28/ 26.5/25/24	33/32/31/30/ 27.5/26/25	35/33.5/32/30.5/ 29/27.5/26	37/35.5/34/32.5/ 31/29.5/28
Unit	Net dimension (H×W×D)	mm	245×600×750	245×800×750	245×800×750	245×1050×750
	Packed dimensions (H×W×D)	mm	305×765×890	305×965×890	305×965×890	305×1215×890
	Net/Gross weight	kg	19.5/22	24/27.5	25/28.5	30/33.5
Pipe connections	Liquid/Gas pipe	mm	Ø6.35/Ø12.7		Ø9.52/Ø15.9	
	Drain pipe	mm	OD Ø25			



Medium Static Pressure Duct

Model			MIH90T2HN18	MIH112T2HN18	MIH140T2HN18	MIH160T2HN18
Power			1-phase, 220-240V, 50/60Hz			
Cooling	Capacity	kW	9	11.2	14	16
		kBtu/h	30.7	38.2	47.8	54.6
	Power input	W	110	138	172	210
Heating	Capacity	kW	10	12.5	16	18
		kBtu/h	34.1	42.7	54.6	61.4
	Power input	W	110	138	172	210
Airflow rate		m³/h	1420/1323/1225/1128/ 1030/933/835	1950/1817/1683/1550/ 1417/1283/1150	2105/1971/1837/1703/ 1568/1434/1300	2350/2160/2015/1871/ 1776/1533/1400
External static pressure		Pa	40 (10-160)			50 (10-160)
Sound pressure level		dB(A)	37/35.5/34/32.5/ 31/29.5/28	39/37/35/33/ 31/29/28	40/38/36/34/ 32/30/29	42/40/38/36/ 34/33/31
Unit	Net dimension (H×W×D)	mm	245×1050×750	245×1400×750		
	Packed dimensions (H×W×D)	mm	305×1215×890	305×1565×890		
	Net/Gross weight	kg	30/33.5	31/34.5	37/41.5	39/43.5
Pipe connections	Liquid/Gas pipe	mm	Ø9.52/Ø15.9			
	Drain pipe	mm	OD Ø25			



High Static Pressure Duct

Model			MIH56T1HN18	MIH71T1HN18	MIH80T1HN18	MIH90T1HN18
Power			1-phase, 220-240V, 50/60Hz			
Cooling	Capacity	kW	5.6	7.1	8	9
		kBtu/h	19.1	24.2	27.3	30.7
	Power input	W	159	159	159	196
Heating	Capacity	kW	6.3	8	9	10
		kBtu/h	21.5	27.3	30.7	34.1
	Power input	W	159	159	159	196
Airflow rate		m³/h	1360/1281/1201/1122/ 1043/963/884	1360/1281/1201/1122/ 1043/963/884	1360/1281/1201/1122/ 1043/963/884	1500/1413/1325/1238/ 1150/1063/975
External static pressure		Pa	80 (0-250)			
Sound pressure level		dB(A)	39/38/36/35/33/ 32/30	39/38/36/35/ 33/32/30	39/38/36/35/ 33/32/30	40/39/37/36/ 34/33/31
Unit	Net dimension (H×W×D)	mm	299×1050×750			
	Packed dimensions (H×W×D)	mm	359×1215×890			
	Net/Gross weight	kg	35/38.5			
Pipe connections	Liquid/Gas pipe	mm	Ø6.35/Ø12.7	Ø9.52/Ø15.9		
	Drain pipe	mm	OD Ø25			
Model			MIH112T1HN18	MIH125T1HN18	MIH140T1HN18	MIH160T1HN18
Power			1-phase, 220-240V, 50/60Hz			
Cooling	Capacity	kW	11.2	12.5	14	16
		kBtu/h	38.2	42.7	47.8	54.6
	Power input	W	248	252	284	339
Heating	Capacity	kW	12.5	14	16	18
		kBtu/h	42.7	47.8	54.6	61.4
	Power input	W	248	252	284	339
Airflow rate		m³/h	2140/2015/1890/1766/ 1641/1516/1391	2150/2025/1899/1774/ 1649/1523/1398	2400/2260/2120/1980/ 1840/1700/1560	2600/2448/2297/2145/ 1993/1842/1690
External static pressure		Pa	80 (0-250)	100 (0-250)		
Sound pressure level		dB(A)	41/40/38/37/ 35/34/32	41/40/39/37/ 36/35/33	43/42/40/39/ 37/36/34	44/43/41/40/ 38/37/35
Unit	Net dimension (H×W×D)	mm	299×1400×750			
	Packed dimensions (H×W×D)	mm	359×1565×890			
	Net/Gross weight	kg	44.5/48.5	46.5/50.5		
Pipe connections	Liquid/Gas pipe	mm	Ø9.52/Ø15.9			
	Drain pipe	mm	OD Ø25			



High Static Pressure Duct

Model			MIH200T1HN18	MIH224T1HN18	MIH252T1HN18	MIH280T1HN18
Power			1-phase, 220-240V, 50/60Hz			
Cooling	Capacity	kW	20	22.4	25.2	28
		kBtu/h	68.3	76.5	86.0	95.6
	Power input	W	780	780	780	780
Heating	Capacity	kW	22.5	25	26	31.5
		kBtu/h	76.8	85.3	88.7	107.5
	Power input	W	780	780	780	780
Airflow rate		m³/h	4700/4387/4073/3760/3447/3133/2820	4700/4387/4073/3760/3447/3133/2820	4700/4387/4073/3760/3447/3133/2820	4700/4387/4073/3760/3447/3133/2820
External static pressure		Pa	200(0-400)			
Sound pressure level		dB(A)	51/50/48/46/44/43/42	51/50/48/46/44/43/42	51/50/48/46/44/43/42	51/50/48/46/44/43/42
Unit	Net dimension (H×W×D)	mm	580×1300×900			
	Packed dimensions (H×W×D)	mm	730×1530×1060			
	Net/Gross weight	kg	125/150			
Pipe connections	Liquid/Gas pipe	mm	Ø9.52/Ø19.1		Ø12.7/Ø22.2	
	Drain pipe	mm	OD Ø32			
Model			MIH335T1HN18	MIH400T1HN18	MIH450T1HN18	MIH560T1HN18
Power			1-phase, 220-240V, 50/60Hz			
Cooling	Capacity	kW	33.5	40	45	56
		kBtu/h	114.3	136.5	153.6	191.1
	Power input	W	810	1850	1850	2030
Heating	Capacity	kW	38	45	56	63
		kBtu/h	129.7	153.6	191.1	215.0
	Power input	W	810	1850	1850	2030
Airflow rate		m³/h	4700/4387/4073/3760/3447/3133/2820	7500/7000/6500/6000/5500/5000/4500	7500/7000/6500/6000/5500/5000/4500	8400/7840/7280/6720/6160/5600/5040
External static pressure		Pa	200(0-400)	300(0-400)		
Sound pressure level		dB(A)	52/51/49/48/46/44/43	58/56/54/52/50/49/48	58/56/54/52/50/49/48	59/58/56/54/53/51/49
Unit	Net dimension (H×W×D)	mm	580×1300×900		580×1850×900	
	Packed dimensions (H×W×D)	mm	725×1530×1060		730×2080×1060	
	Net/Gross weight	kg	128/153	166/204	166/204	170/208
Pipe connections	Liquid/Gas pipe	mm	Ø12.7/Ø25.4		Ø15.9/Ø28.6	
	Drain pipe	mm	OD Ø32			



Small Airflow Rate Fresh Air Processing Unit

Model			MIH90FASHN18	MIH140FASHN18	MIH160FASHN18
Power			1-phase, 220-240V, 50/60Hz		
Cooling	Capacity	kW	9	14	16
		kBtu/h	30.7	47.8	54.6
	Power input	W	128	184	210
Heating	Capacity	kW	5.7	8.9	10.1
		kBtu/h	19.5	30.4	34.5
	Power input	W	128	184	210
Airflow rate		m³/h	690/635/580/525/470/415/360	1080/990/900/810/720/630/540	1230/1130/1030/930/830/730/630
External static pressure		Pa	100 (0-250)		
Sound pressure level		dB(A)	38/36.5/35/33.5/32/30.5/29	42/40/38/36/34/32/30	43/41/39/37/35/33/31
Unit	Net dimension (H×W×D)	mm	299×1135×770		
	Packed dimensions (H×W×D)	mm	359×1215×890		
	Net/Gross weight	kg	34.5/38		
Pipe connections	Liquid/Gas pipe	mm	Ø9.52/Ø15.9		
	Drain pipe	mm	OD Ø25		
Model			MIH224FASHN18		MIH280FASHN18
Power			1-phase, 220-240V, 50/60Hz		
Cooling	Capacity	kW	22.4		28
		kBtu/h	76.5		95.6
	Power input	W	252		284
Heating	Capacity	kW	13.9		17.4
		kBtu/h	47.4		59.4
	Power input	W	252		284
Airflow rate		m³/h	1680/1540/1400/1260/1120/980/840		2100/1930/1760/1590/1420/1250/1080
External static pressure		Pa	100 (0-250)		
Sound pressure level		dB(A)	46/44/42/40/38/36/34		48/46/44/42/40/38/36
Unit	Net dimension (H×W×D)	mm	299×1485×770		
	Packed dimensions (H×W×D)	mm	359×1565×890		
	Net/Gross weight	kg	46/50		
Pipe connections	Liquid/Gas pipe	mm	Ø9.52/Ø19.1		Ø9.52/Ø22.2
	Drain pipe	mm	OD Ø25		



Fresh Air Processing Unit

Model			MIH224FAHN18	MIH252FAHN18	MIH280FAHN18	MIH335FAHN18
Power			1-phase, 220-240V, 50/60Hz			
Cooling	Capacity	kW	22.4	25.2	28	33.5
		kBtu/h	76.5	86.0	95.6	114.3
	Power input	W	680	680	680	710
Heating	Capacity	kW	18	20	22	27
		kBtu/h	61.4	68.3	75.1	92.2
	Power input	W	680	680	680	710
Airflow rate		m³/h	3000/2800/2600/2400/2200/2000/1800	3000/2800/2600/2400/2200/2000/1800	3000/2800/2600/2400/2200/2000/1800	3000/2800/2600/2400/2200/2000/1800
External static pressure		Pa	200(0-400)			
Sound pressure level		dB(A)	50/49/48/47/46/44/43	50/49/48/47/46/44/43	50/49/48/47/46/44/43	52/51/50/49/48/46/44
Unit	Net dimension (H×W×D)	mm	580×1310×1050			
	Packed dimensions (H×W×D)	mm	725×1530×1060			
	Net/Gross weight	kg	132/148	132/148	132/148	135/151
Pipe connections	Liquid/Gas pipe	mm	Ø9.52/Ø22.2			
	Drain pipe	mm	OD Ø32			
Model			MIH400FAHN18	MIH450FAHN18	MIH560FAHN18	
Power			1-phase, 220-240V, 50/60Hz			
Cooling	Capacity	kW	40	45	56	
		kBtu/h	136.5	153.6	191.1	
	Power input	W	1170	1170	1760	
Heating	Capacity	kW	32	36	45	
		kBtu/h	109.2	122.9	153.6	
	Power input	W	1170	1170	1760	
Airflow rate		m³/h	4200/3900/3600/3300/3000/700/2400	4200/3900/3600/3300/3000/700/2400	6000/5600/5200/4800/4400/4000/3600	
External static pressure		Pa	300(0-400)			
Sound pressure level		dB(A)	58/56/55/53/51/49/48	58/56/55/53/51/49/48	59/57/56/55/53/51/50	
Unit	Net dimension (H×W×D)	mm	580×1860×1050			
	Packed dimensions (H×W×D)	mm	725×2080×1060			
	Net/Gross weight	kg	175/195	175/195	180/200	
Pipe connections	Liquid/Gas pipe	mm	Ø15.9/Ø28.6			
	Drain pipe	mm	OD Ø32			



VEU Series (VIC only) Outdoor units

Model			MDV-V12OWN8(AU)	MDV-V200WN1(AU)
Power			1-phase, 220-240V, 50/60Hz	
Cooling	Capacity	kW	7.2	15.5
	Power input	kW	1.72	4.0
Heating	Capacity	kW	11.2	21.0
	Power input	kW	2.6	5.0
Connected indoor unit	Total capacity		60-130% of outdoor unit capacity	
	Maximum quantity		4	12
Ambient temp. operation range	Cooling	°C	-15-55	-15-55
	Heating	°C	-20-27	-20-27
Sound pressure level(cooling/heating)		dB(A)	57/57	59/59
Refrigerant	Type		R32	R410A
	Charge	Kg	2.2	4.4
pipe size	Liquid	mm	9	9
	Gas	mm	16	19
	Max. height difference	m	20(ODU up)	30(ODU up)
		m	10(ODU down)	20(ODU down)
	Max. piping length	m	80	80
Net dimension(H×W×D)		mm	840×950×360	1327×902×320
Packing dimension(H×W×D)		mm	950×1025×510	1406×1082×434
Net/Gross weight		kg	62.5/73	103/111



VEU Series Indoor units

Model			MIH15GHN18	MIH22GHN18	MIH28GHN18	MIH36GHN18
Power			1-phase, 220-240V, 50/60Hz			
Cooling	Capacity	kW	1.5	2.2	2.8	3.6
	Power input	W	18	21	24	27
Heating	Capacity	kW	1.7	2.4	3.2	4
	Power input	W	18	21	24	27
Sound pressure level		dB(A)	32/31/30/30/ 29/28/27	33/32/31/30/ 29/28/27	35/34/33/32/ 31/30/28	37/36/34/33/ 31/30/28
Pipe connections	Liquid	mm	Ø6.35			
	Gas	mm	Ø12.7			
Net dimension(H×W×D)		mm	295×750×265			
Packing dimension(H×W×D)		mm	385×875×360			
Net/Gross weight		kg	10/12.5			
Model			MIH45GHN18	MIH56GHN18	MIH71GHN18	MIH80GHN18
Power			1-phase, 220-240V, 50/60Hz			
Cooling	Capacity	kW	4.5	5.6	7.1	8
	Power input	W	30	40	50	65
Heating	Capacity	kW	5	6.3	8	9
	Power input	W	30	40	50	65
Sound pressure level		dB(A)	37/35/33/32/ 31/30/29	41/39/37/35/ 33/31/29	44/42/40/38/ 36/34/32	45/43/41/39/ 37/35/32
Pipe connections	Liquid	mm	Ø6.35		Ø9.52	
	Gas	mm	Ø12.7		Ø15.9	
Net dimension(H×W×D)		mm	295×950×265		295×1200×265	
Packing dimension(H×W×D)		mm	385×1075×360		385×1315×360	
Net/Gross weight		kg	11.5/14		15/18	



Controller Options	
Wireless Controllers	 RM12F1
Wired Controllers	 WDC3-86S  WDC3-86T (Build in Wifi)  WDC3-120T (Build in Wifi)
Central Controller	 TC3-10.1
BMS Gateways	 GW3-BAC  GW3-LON  GW3-MOD  GW3-KNX
Internet Control	 GW3-Cloud  Central controller App  Mobile App

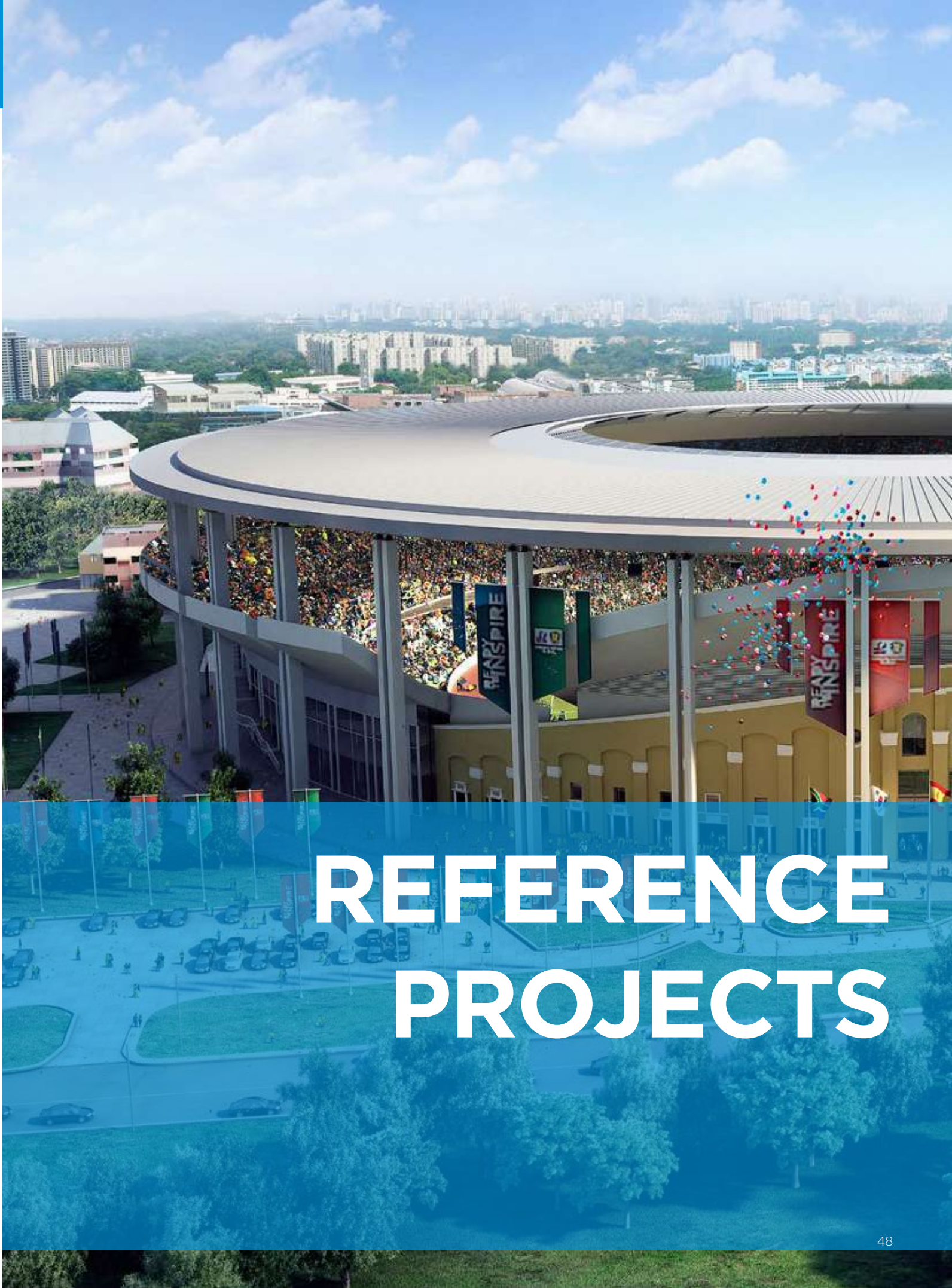
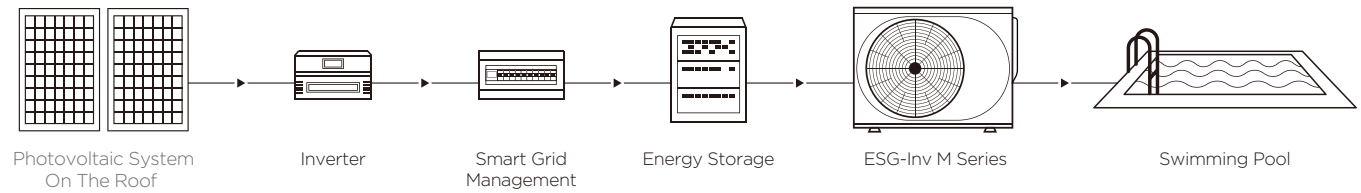


Pool Heat Pump
Technical specifications



Pool Heat Pump

Capacity	7.16kW	9.15kW	12.5kW	16kW	18.8kW
Model	MSC-70D2N8-A	MSC-90D2N8-A	MSC-120D2N8-A	MSC-160D2N8-A	MSC-200D2N8-A
Power	220-240V - 50Hz	220-240V - 50Hz	220-240V - 50Hz	220-240V - 50Hz	220-240V - 50Hz
External dimensions (H×W×D) mm	712×988×365	712×988×365	712×988×365	712×988×365	712×988×365
Refrigerant charge	R32	R32	R32	R32	R32
Water outlet temperature °C			10 to 40		
Outdoor operating temperature °C			-7 to 43		



REFERENCE
PROJECTS

2018 World Cup Stadiums Luzhniki Stadium(Final Match)

- City: Moscow
- Products: VRF V5X



As the last of tendering processes wrapped up and the final announcement was made, Midea Commercial Air Conditioner became the biggest winner by supplying HVAC solutions for 7 out of 12 official stadiums. This is the second time that Midea as HAVC solution provider enters World Cup projects, the first time was in Brazil in 2014. The solutions provided at these venues will come as a combination of VRF, Water-cooled screw chillers and Fan coil units.

2016 Rio Games Stadiums

- Country: Brazil
- City: Rio de Janeiro
- Outdoor Units: V5 X series VRF, VRF (Midea)/Chiller (Midea-Carrier)



In a prime showing of global prowess, Midea-Carrier JV has announced its winning sweep of the 142 competitions to supply climate control solutions to Brazil's new sporting stadiums in Barra and Deodoro Olympic Parks. Midea Carrier ABC JV won all the new venues in Barra Zone and Deodoro Olympic Parks. The solutions provided at these venues will come as a combination of VRF products and large tonnage chiller units.

2014 FIFA World Cup Brazil Beira Rio Stadium

- Country: Brazil
- City: Porto Alegre
- Outdoor Units: 3-pipe heat recovery VRF
- Indoor Units: Duct & Cassette type
- Total Capacity: 1,016HP



Riverbank Stadium, the biggest one in the south of Brazil, held six group matches and two elimination matches in the 2014 World Cup. The air conditioning equipment has to adjust to the different operating and time requirements of each zone in the stadium. In addition, flexible control is needed to avoid energy waste for the large cooling load, short-term dense population and high mobility in the stadium. Midea has helped a lot in Beira Rio's winning of LEED silver certification by providing high efficiency heat recovery VRF system to the venue. V4 plus R series VRF, features top cooling and heating effect. It can achieve simultaneous cooling and heating which greatly reduces the energy consumption and help cut the running cost. Besides, it is friendlier to the environment as it emits less carbon dioxide and makes the place more cozy and comfortable for the fanatic fans. In Brazil, less than 1% of the buildings have certification of sustainability, not to say the higher level of certification LEED Silver. And the obtaining of LEED silver certification further demonstrates the excellent quality of Midea air conditioning equipment that applied in Beira Rio Stadium.

Singapore Changi Airport

- Country: Singapore
- City: Changi
- Outdoor Units: VRF, water-cooled packaged units
- Indoor Units: Duct & Cassette
- Total Capacity: 2,084kW



Singapore Changi International Airport is a member of the Star Alliance and the main airline hub of Singapore airlines. It has always been the No.1 airport in the world for the past three years, and the No.1 Terminal has been in operation for 35 years. MBT provided VRF and water-cooled packaged units in the renovated project.

Hilton Barcelona Maria Cristina(Five Star)

- 🌐 Country: Spain

📍 City: Barcelona

🏢 Outdoor Units: 3-pipe heat recovery VRF
- 🏠 Indoor Units: Duct & Cassette

📊 Total Capacity: 1,200HP



Atlantis Hotel(Five Star)

- 🌐 Country: UAE

📍 City: Dubai

🏢 Products: FCU & AHU



SANA Residence - SANA Berlin Hotel

- 🌐 Country: Germany

📍 City: Berlin

🏢 Outdoor Units: V4+ Series VRF
- 🏠 Indoor Units: Duct



Dalma Mall

- 🌐 Country: UAE

📍 City: Abu Dhabi

🏢 Outdoor Units: Centrifugal chiller
- 📊 Total Capacity: 10,000RT

📅 Completion Year: 2014



Dalma Mall is the largest shopping mall in Abu Dhabi. MBT put forward the new design 5*2000 RT by applying hero product—super high efficiency falling film centrifugal chiller in the renovated project. We also provided refrigerant leak detection and management system according to requirement.

Harvey Nichols Edinburgh

- 🌐 Country: UK

📍 City: Edinburgh

🏠 Outdoor Units: Air-cooled modular chiller
- 🏠 Indoor Units: FCU

📊 Total Capacity: 255HP



Vulcano Buono

- 🌐 Country: Italy

📍 City: Nola, Napoli

🏠 Product: Water loop heat pump, rooftop packaged units



After careful analysis, the Vulcano Buono air-conditioning system was entirely entrusted to Water Loop Heat Pump by Clivet. Only the Auchan supermarket has an independent system, for technical uniformity with the other structures in the group and due to the availability of a single roof. The sales area uses nine rooftop air-to-air heat pumps. Due to the particular conditions required, the food laboratories are served by air-conditioning units powered by two Spinchiller refrigerators, one of which is the Brine version, which supplies ice-cold water at 3°C. Thanks to the Clivet WLHP system, each individual setting automatically sets and maintains its own ideal climate year round, independently of its own position, size or intended use. In terms of the initial investment costs, the greater construction simplicity of the heat pumps and the parceling out of their purchase to the individual shop owners resulted as a winning strategy. As these machines are adapted to internal installation, no units can be seen on the Vulcano Buono slopes which are covered by three hundred and fifty thousand plants.

Parasol Sevilla

- 🌐 Country: Spain

📍 City: Sevilla
- 🏠 Outdoor Units: V4+I series VRF

🏠 Indoor Units: Duct & Cassette



University of Bergen

- 🌐 Country: Norway

📍 City: Bergen

🏠 Product: Air-cooled heat pump



Sykehuset Innlandet Hospital

- 🌐 Country: Norway
- 📍 City: Hamar
- 🏠 Product: Indoor condenserless chillers



117 Khyber Pass Road Office Building

- 🌐 Country: New Zealand
- 📍 City: Auckland
- 🏠 Product: Air-cooled modular chiller



CHASE Apartments (251 Canterbury Road, Forest Hill, Vic 3131)

- 🌐 Country: Australia
- 📍 City: Melbourne
- 🏠 Product: Residential Air Conditioner Single Split



Supercheap Auto Sunshine (484 Ballarat Rd, Sunshine VIC 3020)

- 🌐 Country: Australia
- 📍 City: Melbourne
- 🏠 Product: Cassette Air Conditioner



Free Serbian Orthodox Church (243/247 Vulture St, South Brisbane QLD 4101)

🌐 Country: Australia

📍 City: Brisbane

Product: Residential Air Conditioner Single Split



Malvern East Apartment Project (616 - 618 Warrigal Road , Malvern East VIC)

🌐 Country: Australia

City: Melbourne

Product: Residential Air Conditioner Single Split

