



**CASSETTE AND DUCTED AIR CONDITIONING  
FOR RESIDENTIAL AND COMMERCIAL**



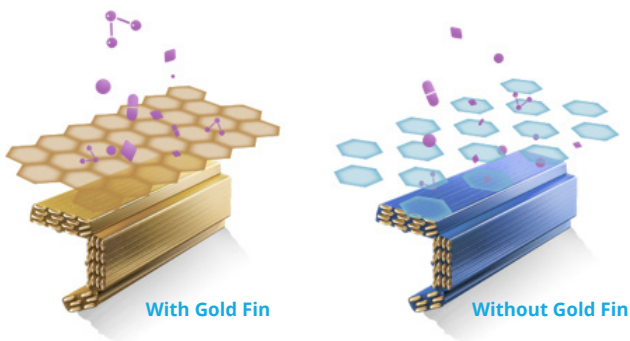


MDV is a part of the Midea Group of companies. MDV Air conditioning units are supplied to more than 200 countries across the world. More than 40 years of persistent growth has seen Midea Group ranked 245th on the Fortune Global 500 list, marking it's 7th year on the list in 2022, with an annual turnover of \$53.26 Billion USD. As a result, Midea MDV wields a comprehensive product portfolio and has vast production capacity to meet these demands. Midea MDV's integrated research and manufacturing process helps serve it's global customer base through a distinct range of innovative yet affordable products.



## GOLD FIN TREATED COILS

The unique anti corrosive golden coating on the heat exchangers can withstand salty air, rain and other corrosive elements. It also effectively prevents bacteria from breeding and improves heat efficiency.



*Gold fin treated coils – Indoor/Outdoor*

### GOLDEN FIN COATING

68% stronger hydrophilicity and 3 times higher corrosion resistance compared to the conventional heat exchanger. The patented PrimeGuard™ coating protects the surface of the heat exchanger from unnecessary wear and corrosion while ensuring high efficiency.

### HIGH STRESS CORROSION RESISTANCE

MDV conducts 72 hour anti-stress corrosion testing for core copper components, exceeding normal 4 hour testing standards by a factor of 18. Results demonstrate that MDV's copper core components perform 15 times better on average than competitors in stress corrosion resistance.

- 72 Hours Ammonia Water Test
- 1000 Hours Salt Spray Tests
- 3000 Times Wetting-Drying Tests



*Gold fin treated coils – Indoor/Outdoor*



# DUCTED RESIDENTIAL



Cleaning Reminder



Build-in Drain Pump



Auto Defrosting



Golden Fin



High Efficiency and Energy Saving



Follow me

## FEATURES

- 5 year parts & labour warranty
- High static
- Standard built in drain pumps
- Standard remote on/off, signal only for fresh air & fault alarm
- Pre-charged to 20 metres
- Electronic diagnosis
- DRED function
- Standard KJR-120N programmable controller with wifi (Google home & Alexa compatible)
- Compatible with MyAir, MyZone & Air Touch
- Option – Touch screen central controller (CCM-180)



## CONTROLLER FEATURES

KJR-120N | STANDARD

- WiFi – Control your environment from an easy to use app
- Wifi – Google Play & Alexa Compatible
- LCD Display
- Single/Group Controller
- Static Pressure Setting
- Set Temperature Range
- Weekly Timer
- Follow Me Function
- Dual Control (Two Controllers One Unit)
- Self Diagnosis
- Weekly Timer
- Auto Restart Last Memory

# SPECIFICATIONS

INDOOR	CDV-74A6N8-QC3W	CDV-105HN8-QC3W	CDV-125HN8-QC3W	CDV-140HFN8-QC3W	CDV-170HFN8-QC3W
OUTDOOR	C-UV-74N8-QC3W	C-UV-105N8-QC3W	C-UV-125N8-QC3W	C-UV-140N8-QC3W	C-UV-170N8-QC3W
<b>Power supply</b>	Ph-V-Hz W	220-240V, 1Ph, 50Hz 7400	220-240V, 1Ph, 50Hz 10500	220-240V, 1Ph, 50Hz 14000	220-240V, 1Ph, 50Hz 17000
	Capacity	W	3150-11850	4200-15750	6800-19500
	Capacity range	W	3100	3450	5250
	Input	W	537~2914	1010~6450	1063-6450
	Input range	W	9.8(3.60~12.76)	18.2(6.57~28.5)	22.5(6.8-28.5)
	Rated current	A	3.474	3.623	3.238
	EER	W/W	10	10	13
	Non-operational Power	W/W	3.420	3.588	3.211
	AEER	W/W	2.34	2.68	1.92
	SRI	W	2.0	3.0	1.5
	STAR(MEPS)	W	5/4/4.5	4/3.5/4	4.5/3.5/3.5
	STAR(seasonal)	W	7500	13500	17500
	Capacity	W	1789~10525	4440~16650	2930~21100
	Capacity range	W	1800	3300	4500
	Input	W	363~2955	520-5260	600~5000
	Input range	W	7.9(2.47~12.92)	16.3(3.7-23)	19.5(4.6-22.2)
	Rated current	A	4.17	4.09	3.89
	COP	W/W	10	10	13
	Non-operational Power	W	4.090	4.049	3.851
	ACOP	W/W	3.68	3.60	3.20
	SRI	W	3.5	3.5	3.0
	STAR(MEPS)	W	3/2.5/2	3/2.5/2	3.5/2.5/2
	STAR(seasonal)	W	3400	7000	7000
<b>Rated Power Input</b>	W	16	31	31	31
<b>Rated Current</b>	A	1400/1150/980	2150/1750/1300	3300/2850/2350	3800/3200/2950
<b>Indoor air flow (Hi/Mi/Lo)(Some model No duct)</b>	m <sup>3</sup> /h	25	37	50	50
<b>External Static Pressure</b>	Pa	0-160	0-200	0-200	0-200
<b>Indoor noise level Turbo/(Hi/Mi/Lo)</b>	dB(A)	38.5/35.5/32.5	39/37/34.5	46.5/43.5/40	53/49.5/45.3
<b>Indoor sound power level</b>	dB(A)	52.5	60.5	66	66
	Dimension (W*D*H)	mm	1100x774x249	1200x625x380	1400x858x440
	Packing (W*D*H)	mm	1305x805x315	1485x675x460	1605x910x515
	Net/Gross weight	kg	31.6/38.3	54/62	81.1/91.6
	Supply Air	mm	930 x 175	1000 x 255	1190 x 385
	Return Air	mm	1005 x 230	1145 x 335	1190 x 385
<b>Drainage water pipe dia</b>	mm	ODΦ25mm	ODΦ25mm	ODΦ25mm	ODΦ25mm
<b>Outdoor air flow</b>	m <sup>3</sup> /h	3800	5000	7600	7600
<b>Outdoor sound pressure level</b>	dB(A)	60	62	60	60.5
<b>Outdoor sound power level</b>	dB(A)	65	68	69.5	72.0
	Dimension (W*D*H)	mm	890x342x673	952x415x1333	952x415x1333
	Packing (W*D*H)	mm	995x398x740	1090x500x885	1095x495x1480
	Net/Gross weight	kg	45/47.8	70.1/74.5	95.8/110
<b>Refrigerant type(Units pre-charged for 20m pipe run)</b>	kg	R32/1.75	R32/2.6	R32/3.6	R32/4
<b>Pre-charged length</b>	m	20	20	20	20
<b>Additional Pre-Charge</b>	g/m	24	24	24	24
	Liquid side/ Gas side	mm(inch)	9.52mm(3/8in)/ 15.9mm(5/8in)	9.52mm(3/8in)/ 15.9mm(5/8in)	9.52mm(3/8in)/ 19mm(3/4in)
<b>Refrigerant piping</b>	Max. refrigerant pipe length	m	50	75	75
	Min. refrigerant pipe length	m	3	3	3
	Max. difference in level	m	25	30	30

# CASSETTE RESIDENTIAL



## FEATURES

- 5 year parts & labour warranty
- Standard remote on/off, signal only for fresh air & fault alarm
- Pre-charged to 20 metres
- Standard remote control including “follow me” function
- Electronic diagnosis
- DRED function
- Wifi – when used with the KJR-120N weekly controller



Fresh Air



Intelligent Dusting Switch



Auto Restart



Golden Fin



Auto Defrosting



Silent Operation



## CONTROLLER FEATURES

KJR-120N | OPTIONAL

- WiFi – Control your environment from an easy to use app
- Wifi – Google Play & Alexa Compatible
- LCD Display
- Single/Group Controller
- Static Pressure Setting
- Set Temperature Range
- Weekly Timer
- Follow Me Function
- Dual Control (Two Controllers One Unit)
- Self Diagnosis
- Weekly Timer
- Auto Restart Last Memory



## REMOTE CONTROL FEATURES

RG10N | STANDARD

- LED – Turn off the units LED display
- Timer
- Temperature control
- Fan speed
- Swing – Starts and stops louvre movement
- Turbo mode – allows the unit to reach pre-set temperature in the shortest possible time



## SPECIFICATIONS

Indoor	CSV-105N8-QC3W	CSV-125N8-QC3W	CSV-140N8-QC3W	
Outdoor	C-UVC-105HFN8-QC3W	C-UV-125N8-QC3W	C-UV-140N8-QC3W	
<b>Power supply</b>	Ph-V-Hz W	220-240V,1 Ph,50Hz 10500.00	220-240V,1 Ph,50Hz 14000.00	
<b>Cooling</b>	Capacity (Indoor+Outdoor)*	W	12500.00	
	Power Input (Indoor+Outdoor)*	W	3390.00	
	Rated current (Indoor+Outdoor)*	A	15.40	
	EER (Indoor+Outdoor)*	W/W	3.69	
	Standby Power	W	9.9	
<b>Heating</b>	AEER (Indoor+Outdoor)*	W/W	3.65	
	Capacity (Indoor+Outdoor)*	W	13000	
	Power Input (Indoor+Outdoor)*	W	3420	
	Rated current (Indoor+Outdoor)*	A	16.08	
	COP (Indoor+Outdoor)*	W/W	3.80	
<b>Rated Power Input</b>	Standby Power	W	9.9	
	ACOP (Indoor+Outdoor)*	W/W	4.02	
		W	7000	
		A	31	
		m3/h	1818/1651/1259	
<b>Indoor air flow (Hi/Mi/Lo)(Some model No duct)</b>		dB(A)	54/49/46	
	<b>Indoor noise level (Turbo/Hi/Mi/Lo)</b>		dB(A)	65
			mm	830x830x287
			mm	950x950x55
			mm	910x910x330
		mm	1035x1035x90	
<b>Indoor unit</b>	Net/Gross weight(body)	kg	29.3/34.3	
	Net/Gross weight(panel)	kg	6/9	
		mm	ODΦ25mm	
		mm	952x415x1333	
		mm	1095x495x1480	
<b>Drainage water pipe dia</b>		kg	95.1/109.2	
		kg	R32/3.6	
		m	20	
		g/m	24	
		mm(inch)	9.52mm(3/8in) /15.9mm(5/8in)	
<b>Outdoor unit</b>		m	75	
		m	3	
		m	30	
		mm(inch)	9.52mm(3/8in) /15.9mm(5/8in)	
		mm	952x415x1333	
<b>Refrigerant type(Units pre-charged for 20m pipe run)</b>		mm	1095x495x1480	
		kg	95.1/109.2	
		kg	R32/3.6	
		m	20	
		g/m	24	
<b>Pre-charged length</b>		mm	952x415x1333	
		mm	1095x495x1480	
		kg	95.1/109.2	
		kg	R32/3.6	
		m	20	
<b>Additional Pre-Charge</b>		m	75	
		m	3	
		m	30	
		mm(inch)	9.52mm(3/8in) /15.9mm(5/8in)	
		mm	952x415x1333	
<b>Refrigerant piping</b>		mm	1095x495x1480	
		kg	95.1/109.2	
		kg	R32/3.6	
		m	20	
		g/m	24	
<b>Refrigerant piping</b>		mm	952x415x1333	
		mm	1095x495x1480	
		kg	95.1/109.2	
		kg	R32/3.6	
		m	20	
<b>Refrigerant piping</b>		m	75	
		m	3	
		m	30	
		mm(inch)	9.52mm(3/8in) /15.9mm(5/8in)	
		mm	952x415x1333	

# CASSETTE COMMERCIAL



## FEATURES

- 5 year parts & labour warranty
- Standard remote on/off, signal only for fresh air & fault alarm
- Pre-charged to 20 metres
- Standard remote control including “follow me” function
- Wifi kit option
- Touch screen central controller option
- Optional wired controller – WDC-120G



Fresh Air



Intelligent Dusting Switch



Auto Restart



Pump Drainage



Wi-Fi control



Silent Operation



## WIRED REMOTE CONTROLLER

WDC-120G/WK | OPTIONAL

- Temperature setting with 0.5C or 1C steps
- Dual temperature set points
- 7-speed fan control
- 5-step swing louvre setting
- Address setting
- Follow me
- Eco mode
- Room temperature display
- Keyboard lock
- Daily timer
- Weekly schedule timer
- Auto restart
- Group control
- Clock display



## REMOTE CONTROL FEATURES

RG10N | STANDARD

- LED – Turn off the units LED display
- Timer
- Temperature control
- Fan speed
- Swing – Starts and stops louvre movement
- Turbo mode – allows the unit to reach pre-set temperature in the shortest possible time

# SPECIFICATIONS

INDOOR	MI2-56Q4DHN1	MI2-71Q4DHN1	MI2-100Q4DHN1	MI2-112Q4DHN1	MI2-140Q4DHN1
OUTDOOR	MDV-V80W/DN1(C)	MDV-V100W/DN1(C)	MDV-V120W/DN1(C)	MDV-V140WD/N1(C)	MDV-V140WD/N1(C)
<b>Power supply</b>	1 phase, 220-240V, 50/60Hz	1 phase, 220-240V, 50/60Hz	1 phase, 220-240V, 50/60Hz	1 phase, 220-240V, 50/60Hz	1 phase, 220-240V, 50/60Hz
<b>Cooling</b>	Capacity	7.1	11.2	14	14
	Input	5.6	7.1	11.2	14
	EER	2.24	2.71	4.48	4.73
	Rated Current <sup>2</sup>	3.30	3.41	2.83	3.07
<b>Heating</b>	Capacity	9.66	7.76	16.03	18.69
	Input	6	7.76	12.12	15.39
	EER	1.88	1.89	3.33	4.25
	Rated Current <sup>2</sup>	3.95	3.95	4.40	3.92
<b>Indoor Air flow rate<sup>3</sup></b>	10.90	10.90	17.22	19.15	19.15
<b>Indoor Sound Levels<sup>4</sup></b>	Sound pressure level	893/866/804/744/714/698/635	977/937/864/800/778/738/671	1700/1600/1440/1250/1200/1150/1100	1800/1650/1500/1300/1250/1200/1150
	Sound power level	35/34/31/31/30/28/26	35/35/34/31/30/28/27	43/42/40/38/37/35/34	45/44/42/41/40/39/37
<b>Indoor Main body</b>	Net dimensions <sup>5</sup> (W×H×D)	50/49/46/46/45/42/40	50/49/47/47/45/42/41	58/57/55/53/52/50/49	60/59/57/56/55/54/52
	Packed dimensions (W×H×D)	840×230×840	840×230×840	840×300×840	840×300×840
	Net/Gross weight	955×260×955	955×260×955	955×330×955	955×330×955
	Net/Gross weight	23.2/27.6	28.4/33.8	28.4/33.8	30.7/35.8
<b>Panel</b>	Net dimensions (W×H×D)	950×54.5×950	950×54.5×950	950×54.5×950	950×54.5×950
	Packed dimensions (W×H×D)	1035×90×1035	1035×90×1035	1035×90×1035	1035×90×1035
<b>Outdoor air flow</b>	Net/Gross weight	5/8	5/8	5/8	5/8
	Sound pressure level	3700	3700	5000	5400
	Sound power level	54	54	56	56
	Dimension (W×H×D)	65	68	70	71
<b>Outdoor Unit</b>	Packing (W×H×D)	982 x 712 x 440	950 x 840 x 426	950 x 840 x 426	1040 x 865 x 523
	Net/Gross weight	1048 x 810 x 485	1025 x 950 x 510	1025 x 950 x 510	1120 x 980 x 560
	Type	55/59.5	72.5/82	84/93	91.4/101.4
	Charged volume	R410A	R410A	R410A	R410A
<b>Refrigerant piping</b>	Precharged length	3280	3430	4080	4480
	Liquid side/ Gas side	20	20	20	20
	Total Pipe Length(Actual)	Φ9.53/Φ15.9	Φ9.53/Φ15.9	Φ9.53/Φ15.9	Φ9.53/Φ15.9
	Outdoor unit up	50	65	65	100
<b>Indoor Drain pipe Connection</b>	Outdoor unit down	10m	20m	20m	30m
	Ambient temp	10m	20m	20m	20m
<b>Ambient temp</b>		OD Φ32	OD Φ32	OD Φ32	OD Φ32
		mm	mm	mm	mm
		°C			



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**BRISBANE**

3/49 Miller Street  
Murarrie  
QLD – 4172  
Ph: 07 3890 8977

**PERTH**

3/61 Guthrie Street  
Osborne Park  
WA – 6017  
Ph: 08 9242 8400

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[IACS.COM.AU](http://IACS.COM.AU)

[ENQUIRIES@IACS.COM.AU](mailto:ENQUIRIES@IACS.COM.AU)

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