

Summary of	R32 M-thermal Split 8 10 kW	Reg. No.	ICIM-PDC-000048-00	
Certificate Holder				
Name	GD Midea Heating & Ventilating Ed	GD Midea Heating & Ventilating Equipment Co., Ltd.		
Address	Penglai Industry Road	Zip	528311	
City	Beijiao, Shunde, Foshan	Country	China	
Certification Body	ICIM S.p.A.			
Name of testing laboratory	ReLab Politecnico di Milano	ReLab Politecnico di Milano		
Subtype title	R32 M-thermal Split 8 10 kW			
Heat Pump Type	Outdoor Air/Water			
Refrigerant	R32			
Mass Of Refrigerant	1.65 kg			
Certification Date	11.12.2019			
Testing basis	EN 14511:2013, EN 14825:2016, EN 12102:2013			



Model: MHA-V8W/D2N8+SMK-80/CGN8

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-4	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 14511-2		
	Low temperature	Medium temperature
Heat output	8.47 kW	7.40 kW
El input	1.78 kW	2.51 kW
СОР	4.76	2.95
Indoor water flow rate	1.47 m³/h	0.81 m³/h

Average Climate



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EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	43 dB(A)	43 dB(A)
Sound power level outdoor	63 dB(A)	63 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	188 %	128 %
Prated	8.88 kW	7.92 kW
SCOP	4.78	3.28
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.85 kW	7.01 kW
COP Tj = -7°C	2.96	2.02
Cdh	0.90	0.90
Pdh Tj = +2°C	4.78 kW	4.27 kW
COP Tj = +2°C	4.55	3.19
Cdh	0.90	0.90
Pdh Tj = $+7^{\circ}$ C	3.07 kW	2.74 kW
COP Tj = +7°C	6.58	4.41
Cdh	0.90	0.90





Pdh Tj = 12°C	1.37 kW	1.22 kW
COP Tj = 12°C	8.66	5.11
Cdh	0.90	0.90
Pdh Tj = Tbiv	7.85 kW	7.01 kW
COP Tj = Tbiv	2.96	2.02
Pdh Tj = TOL	8.88 kW	7.92 kW
COP Tj = TOL	2.82	1.65
WTOL	60 °C	60 °C
Poff	14 W	14 W
РТО	29 W	29 W
PSB	14 W	14 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	electric	electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	3837 kWh	4988 kWh
		

Warmer Climate

EN 12102-1	
	Low temperature
Sound power level indoor	43 dB(A)
Sound power level outdoor	63 dB(A)

Colder Climate



EN 12102-1	
	Low temperature
Sound power level indoor	43 dB(A)
Sound power level outdoor	63 dB(A)



Model: MHA-V10W/D2N8+SMK-80/CGN8

General Data	
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Heating

EN 14511-4	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 14511-2		
	Low temperature	Medium temperature
Heat output	10.00 kW	9.30 kW
El input	2.15 kW	3.25 kW
СОР	4.65	2.86
Indoor water flow rate	1.72 m³/h	1.60 m³/h

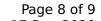
Average Climate



 $$\operatorname{\textit{Page}}\ 7$$ of 9 This information was generated by the HP KEYMARK database on 17 Dec 2020

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COP Tj = +7°C	6.58	4.41
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This information was generated by the HP KEYMARK database on 17 Dec 2		
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PSB	14 W	14 W
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Supplementary Heater: Type of energy input	electric	electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW

Warmer Climate

Annual energy consumption Qhe

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Colder Climate



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