

Summary of	R32 M-thermal Split 4 6 kW	Reg. No.	ICIM-PDC-000047-00		
Certificate Holder	Certificate Holder				
Name	GD Midea Heating & Ventilating E	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.	ICIM S.p.A.			
Name of testing laboratory	ReLab Politecnico di Milano	ReLab Politecnico di Milano			
Subtype title	R32 M-thermal Split 4 6 kW	R32 M-thermal Split 4 6 kW			
Heat Pump Type	Outdoor Air/Water				
Refrigerant	R32				
Mass Of Refrigerant	1.55 kg				
Certification Date	11.12.2019				
Testing basis	EN 14511:2013, EN 14825:2016, EN 12102:2013				



Model: MHA-V4W/D2N8+SMK-60/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	4.36 kW	4.15 kW
El input	0.85 kW	1.45 kW
СОР	5.15	2.85
Indoor water flow rate	0.76 m³/h	0.46 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	61 dB(A)	61 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	187 %	131 %
Prated	6.21 kW	6.00 kW
SCOP	4.76	3.34
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.49 kW	5.31 kW
COP Tj = -7°C	2.84	2.00
Cdh	0.90	0.90
Pdh Tj = +2°C	3.34 kW	3.23 kW
COP Tj = +2°C	4.60	3.23
Cdh	0.90	0.90
Pdh Tj = +7°C	2.15 kW	2.08 kW
COP Tj = +7°C	6.48	4.60
Cdh	0.90	0.90





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Pdh Tj = 12°C	0.96 kW	0.92 kW
COP Tj = 12°C	8.93	6.10
Cdh	0.90	0.90
Pdh Tj = Tbiv	5.49 kW	5.31 kW
COP Tj = Tbiv	2.84	2.00
Pdh Tj = TOL	6.21 kW	6.00 kW
COP Tj = TOL	2.54	2.00
WTOL	60 °C	60 °C
Poff	15 W	15 W
РТО	29 W	29 W
PSB	15 W	15 W
PCK	o w	o w
Supplementary Heater: Type of energy input	electric	electric
Supplementary Heater: PSUP	0 kW	0 kW
Annual energy consumption Qhe	2694 kWh	3711 kWh

Warmer Climate

EN 12102-1		
	Low temperature	
Sound power level indoor	43 dB(A)	
Sound power level outdoor	61 dB(A)	

Colder Climate



EN 12102-1	
	Low temperature
Sound power level indoor	43 dB(A)
Sound power level outdoor	61 dB(A)



Model: MHA-V6W/D2N8+SMK-60/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	6.67 kW	5.47 kW
El input	1.40 kW	1.87 kW
СОР	4.77	2.92
Indoor water flow rate	1.14 m³/h	0.60 m³/h

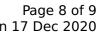
Average Climate



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

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	4 dB(A)	43 dB(A)
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825			
	Low temperature	Medium temperature	
η_{s}	187 %	131 %	
Prated	6.21 kW	6.00 kW	
SCOP	4.76	3.34	
Tbiv	-7 °C	-7 °C	
TOL	-10 °C	-10 °C	
Pdh Tj = -7°C	5.49 kW	5.31 kW	
COP Tj = -7°C	2.84	2.00	
Cdh	0.90	0.90	
Pdh Tj = +2°C	3.34 kW	3.23 kW	
COP Tj = +2°C	4.60	3.23	
Cdh	0.90	0.90	
Pdh Tj = +7°C	2.15 kW	2.08 kW	
COP Tj = +7°C	6.48	4.60	
Cdh	0.90	0.90	





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Pdh Tj = 12°C	0.96 kW	0.92 kW
COP Tj = 12°C	8.93	6.10
Cdh	0.90	0.90
Pdh Tj = Tbiv	5.49 kW	5.31 kW
COP Tj = Tbiv	2.84	2.00
Pdh Tj = TOL	6.21 kW	6.00 kW
COP Tj = TOL	2.54	2.00
WTOL	60 °C	60 °C
Poff	15 W	15 W
РТО	29 W	29 W
PSB	15 W	15 W
РСК	o w	0 W
Supplementary Heater: Type of energy input	electric	electric
Supplementary Heater: PSUP	0 kW	0 kW

Warmer Climate

Annual energy consumption Qhe

EN 12102-1		
	Low temperature	
Sound power level indoor	43 dB(A)	
Sound power level outdoor	62 dB(A)	

2694 kWh

3711 kWh

Colder Climate



EN 12102-1		
	Low temperature	
Sound power level indoor	43 dB(A)	
Sound power level outdoor	62 dB(A)	