

This information was generated by the HP KEYMARK database on 4 Nov 2021

Model: MHC-V9W/D2N8

Configure model			
Model name	MHC-V9W/D2N8		
Application	Heating (medium temp)		
Units	Outdoor		
Climate Zone	n/a		
Reversibility	No		
Cooling mode application (optional)	n/a		

General Data		
Power supply	1x230V 50Hz	

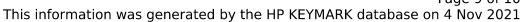
Heating

EN 14511-4	
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit	passed
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed

EN 14511-2		
	Low temperature	Medium temperature
Heat output	8.60 kW	8.60 kW
El input	1.87 kW	3.12 kW
СОР	4.60	2.75

Average Climate

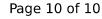
EHPA Secretariat | Rue dArlon 63-67 | Phone: +32 2 400 10 17 | Email: secretariat@heatpumpkeymark.com | www.heatpumpkeymark.com





EN 14825		
	Low temperature	Medium temperature
η_{s}	177 %	126 %
Prated	8.00 kW	7.00 kW
SCOP	4.51	3.22
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.42 kW	6.58 kW
COP Tj = -7°C	2.80	1.87
Cdh Tj = -7 °C	0.90	0.90
Pdh Tj = +2°C	4.83 kW	4.25 kW
COP Tj = +2°C	4.33	3.19
Cdh Tj = +2 °C	0.90	0.90
Pdh Tj = +7°C	3.20 kW	2.80 kW
COP Tj = +7°C	6.20	4.38
Cdh Tj = +7 °C	0.90	0.90
Pdh Tj = 12°C	1.55 kW	1.27 kW
COP Tj = 12°C	7.61	5.04
Cdh Tj = +12 °C	0.90	0.90
Pdh Tj = Tbiv	7.42 kW	6.58 kW
COP Tj = Tbiv	2.80	1.87

EHPA Secretariat | Rue dArlon 63-67 | Phone: +32 2 400 10 17 | Email: secretariat@heatpumpkeymark.com | www.heatpumpkeymark.com





This information was generated by the HP KEYMARK database on 4 Nov 2021

Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.64 kW	5.53 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.54	1.51
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90	0.90
WTOL	60 °C	60 °C
Poff	9 W	9 W
РТО	10 W	10 W
PSB	9 W	9 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.80 kW	1.80 kW
Annual energy consumption Qhe	3844 kWh	4770 kWh

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	dB(A)	dB(A)
Sound power level outdoor	67 dB(A)	67 dB(A)