

## Model: MHC-V14W/D2N8

<b>Configure model</b>	
Model name	MHC-V14W/D2N8
Application	Heating (medium temp)
Units	Outdoor
Climate Zone	n/a
Reversibility	No
Cooling mode application (optional)	n/a

<b>General Data</b>	
Power supply	1x230V 50Hz

### Heating

<b>EN 14511-4</b>	
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

<b>EN 14511-2</b>		
	<b>Low temperature</b>	<b>Medium temperature</b>
Heat output	14.10 kW	14.20 kW
El input	3.07 kW	5.16 kW
COP	4.60	2.75

### Average Climate

<b>EN 14825</b>		
	<b>Low temperature</b>	<b>Medium temperature</b>
$\eta_s$	168 %	128 %
Prated	14.00 kW	14.00 kW
SCOP	4.27	3.26
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	12.47 kW	12.18 kW
COP Tj = -7°C	2.84	2.05
Cdh Tj = -7 °C	0.90	0.90
Pdh Tj = +2°C	7.48 kW	7.84 kW
COP Tj = +2°C	4.19	3.18
Cdh Tj = +2 °C	0.90	0.90
Pdh Tj = +7°C	5.04 kW	5.21 kW
COP Tj = +7°C	5.99	4.29
Cdh Tj = +7 °C	0.90	0.90
Pdh Tj = 12°C	2.23 kW	2.57 kW
COP Tj = 12°C	5.30	5.14
Cdh Tj = +12 °C	0.90	0.90
Pdh Tj = Tbiv	12.47 kW	12.18 kW
COP Tj = Tbiv	2.84	2.05

This information was generated by the HP KEYMARK database on 13 Oct 2021

Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.72 kW	11.68 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.51	1.74
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90	0.90
WTOL	60 °C	60 °C
Poff	9 W	9 W
PTO	26 W	26 W
PSB	9 W	9 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.40 kW	2.10 kW
Annual energy consumption Qhe	6819 kWh	8724 kWh

### EN 12102-1

	<b>Low temperature</b>	<b>Medium temperature</b>
Sound power level indoor	dB(A)	dB(A)
Sound power level outdoor	71 dB(A)	71 dB(A)