

## Model: MHC-V5W/D2N8

<b>Configure model</b>	
Model name	MHC-V5W/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	4.65 kW	4.65 kW
El input	0.93 kW	1.77 kW
COP	5.00	2.63

### Average Climate

<b>EN 14825</b>		
	<b>Low temperature</b>	<b>Medium temperature</b>
$\eta_s$	176 %	127 %
Prated	7.00 kW	7.00 kW
SCOP	4.47	3.24
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.88 kW	5.83 kW
COP Tj = -7°C	2.91	1.97
Cdh Tj = -7 °C	0.90	0.90
Pdh Tj = +2°C	3.64 kW	3.68 kW
COP Tj = +2°C	4.38	3.22
Cdh Tj = +2 °C	0.90	0.90
Pdh Tj = +7°C	2.42 kW	2.47 kW
COP Tj = +7°C	5.89	4.21
Cdh Tj = +7 °C	0.90	0.90
Pdh Tj = 12°C	1.03 kW	1.26 kW
COP Tj = 12°C	5.89	4.91
Cdh Tj = +12 °C	0.90	0.90
Pdh Tj = Tbiv	5.88 kW	5.83 kW
COP Tj = Tbiv	2.91	1.97

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

Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.62 kW	5.86 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.63	1.62
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	9 W	9 W
PSB	9 W	9 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.70 kW
Annual energy consumption Qhe	3071 kWh	4203 kWh

### EN 12102-1

	<b>Low temperature</b>	<b>Medium temperature</b>
Sound power level indoor	dB(A)	dB(A)
Sound power level outdoor	61 dB(A)	61 dB(A)