This information was generated by the HP KEYMARK database on 17 Dec 2020

Summary of	Vitocal 2xx-A ODU2	Reg. No.	011-1W0147
Certificate Holder			
Name	Viessmann Wärmepumpen GmbH		
Address	Viessmannstr. 1	Zip	35107
City	Allendorf/Eder	Country	Germany
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH		
Name of testing laboratory	Universität Stuttgart Institut für GebäudeEnergetik		
Subtype title	Vitocal 2xx-A ODU2		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R410a		
Mass Of Refrigerant	1.4 kg		

Model: Vitocal 200-A AWO-M 201.A08

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	5.62 kW	4.97 kW
El input	1.19 kW	1.81 kW
COP	4.71	2.76
Indoor water flow rate	0.70 m³/h	0.70 m³/h

EN 14825	
Pdesignh	6.82 kW
Rated airflow rate	2600 m³/h

Average Climate

EN 12102-1		
	Low temperature	**Medium temperature**
Sound power level indoor	39 dB(A)	39 dB(A)
Sound power level outdoor	55 dB(A)	55 dB(A)

EN 14825		
	Low temperature	**Medium temperature**
η_s	175 %	127 %
Prated	6.82 kW	6.41 kW
SCOP	4.46	3.25
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
Pdh Tj = -7°C	6.04 kW	5.67 kW
COP Tj = -7°C	3.07	2.15
Pdh Tj = +2°C	3.67 kW	3.53 kW
COP Tj = +2°C	4.35	3.10

Pdh Tj = +7°C	4.36 kW	4.14 kW
COP Tj = +7°C	5.70	4.26
Pdh Tj = 12°C	4.17 kW	4.01 kW
COP Tj = 12°C	7.17	5.72
Pdh Tj = Tbiv	6.04 kW	5.67 kW
COP Tj = Tbiv	3.07	2.15
Pdh Tj = TOL	5.41 kW	5.38 kW
COP Tj = TOL	2.74	1.99
Cdh	0.98	0.99
WTOL	60 °C	60 °C
Poff	14 W	14 W
PTO	0 W	0 W
PSB	16 W	16 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	electrical	electrical
Supplementary Heater: PSUP	1.45 kW	1.06 kW
Annual energy consumption Qhe	3163 kWh	4071 kWh

Model: Vitocal 200-A AWO-M-E-AC 201.A08

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		
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EN 14825	
Pdesignh	6.82 kW
Rated airflow rate	2600 m³/h

Average Climate

EN 12102-1		
	Low temperature	**Medium temperature**
Sound power level indoor	39 dB(A)	39 dB(A)
Sound power level outdoor	55 dB(A)	56 dB(A)

EN 14825		
	Low temperature	**Medium temperature**
η_s	175 %	127 %
Prated	6.82 kW	6.41 kW
SCOP	4.46	3.25
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
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COP Tj = 12°C	7.17	5.72
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COP Tj = TOL	2.74	1.99
Cdh	0.98	0.99
WTOL	60 °C	60 °C
Poff	14 W	14 W
PTO	0 W	0 W
PSB	16 W	16 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	electric	electric
Supplementary Heater: PSUP	1.45 kW	1.06 kW
Annual energy consumption Qhe	3163 kWh	4071 kWh

Model: Vitocal 200-A AWO-E-M 201.A08

General Data	
Power supply	1x230V 50Hz

Heating

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