Login

Summary of	Vitocal 2xx-A ODU1	Reg. No.	011-1W0146
Certificate Holder			
Name	Viessmann Wärmepumpen GmbH		
Address	Viessmannstr. 1	Zip	35107
City	Allendorf/Eder	Country	Germany
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH		
Subtype title	Vitocal 2xx-A ODU1		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R410A		
Mass of Refrigerant	1.4 kg		

Model: Vitocal 200-A AWO-M 201.A04

Configure model	
Model name	Vitocal 200-A AWO-M 201.A04
Application	Heating (medium temp)
Units	Indoor + 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	3.96 kW	3.61 kW
El input	0.87 kW	1.37 kW
COP	4.56	2.64

EN 14825	
Pdesignh	5.38 kW
Rated airflow rate	2250 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	53 dB(A)	53 dB(A)

EN 14825		
	Low temperature	**Medium temperature**
η_s	173 %	124 %
Prated	5.38 kW	5.23 kW
SCOP	4.40	3.18
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
Pdh Tj = -7°C	4.76 kW	4.63 kW
COP Tj = -7°C	2.86	2.03
Pdh Tj = +2°C	3.00 kW	3.11 kW
COP Tj = +2°C	4.33	3.07

Pdh Tj = +7°C	3.15 kW	2.97 kW
COP Tj = +7°C	5.77	4.19
Pdh Tj = 12°C	3.05 kW	2.91 kW
COP Tj = 12°C	7.14	5.50
Pdh Tj = Tbiv	4.76 kW	4.63 kW
COP Tj = Tbiv	2.86	2.03
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	4.33 kW	4.39 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.59	1.86
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.98	0.98
WTOL	60 °C	60 °C
Poff	11 W	11 W
PTO	0 W	0 W
PSB	16 W	16 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.07 kW	0.86 kW
Annual energy consumption Qhe	2524 kWh	3292 kWh

Model: Vitocal 200-A AWO-M 201.A06

Configure model	
Model name	Vitocal 200-A AWO-M 201.A06
Application	Heating (medium temp)
Units	Indoor + 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	4.83 kW	4.40 kW
El input	1.02 kW	1.51 kW
COP	4.72	2.91

EN 14825	
Pdesignh	5.59 kW
Rated airflow rate	2250 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	54 dB(A)	54 dB(A)

EN 14825		
	Low temperature	**Medium temperature**
η_s	172 %	125 %
Prated	5.59 kW	5.59 kW
SCOP	4.38	3.21
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
Pdh Tj = -7°C	4.95 kW	4.95 kW
COP Tj = -7°C	2.83	2.03
Pdh Tj = +2°C	3.00 kW	3.30 kW
COP Tj = +2°C	4.33	3.11

Pdh Tj = +7°C	3.15 kW	2.97 kW
COP Tj = +7°C	5.81	4.22
Pdh Tj = 12°C	3.05 kW	2.91 kW
COP Tj = 12°C	7.20	5.51
Pdh Tj = Tbiv	4.95 kW	4.95 kW
COP Tj = Tbiv	2.83	2.03
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	4.49 kW	4.68 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.56	1.85
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.98	0.98
WTOL	60 °C	60 °C
Poff	11 W	11 W
PTO	0 W	0 W
PSB	16 W	16 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.13 kW	0.94 kW
Annual energy consumption Qhe	2637 kWh	3605 kWh

Model: Vitocal 200-A AWO-M-E-AC 201.A04

Configure model	
Model name	Vitocal 200-A AWO-M-E-AC 201.A04
Application	Heating (medium temp)
Units	Indoor + 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	3.96 kW	3.61 kW
El input	0.87 kW	1.37 kW
COP	4.56	2.64

EN 14825	
Pdesignh	5.38 kW
Rated airflow rate	2250 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	53 dB(A)	53 dB(A)

EN 14825		
	Low temperature	**Medium temperature**
η_s	173 %	124 %
Prated	5.38 kW	5.23 kW
SCOP	4.40	3.18
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
Pdh Tj = -7°C	4.76 kW	4.63 kW
COP Tj = -7°C	2.86	2.03
Pdh Tj = +2°C	3.00 kW	3.11 kW
COP Tj = +2°C	4.33	3.07

Pdh Tj = +7°C	3.15 kW	2.97 kW
COP Tj = +7°C	5.77	4.19
Pdh Tj = 12°C	3.05 kW	2.91 kW
COP Tj = 12°C	7.14	5.50
Pdh Tj = Tbiv	4.76 kW	4.63 kW
COP Tj = Tbiv	2.86	2.03
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	4.33 kW	4.39 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.59	1.86
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.98	0.98
WTOL	60 °C	60 °C
Poff	11 W	11 W
PTO	0 W	0 W
PSB	16 W	16 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.07 kW	0.86 kW
Annual energy consumption Qhe	2524 kWh	3292 kWh

Model: Vitocal 200-A AWO-M-E-AC 201.A06

Configure model	
Model name	Vitocal 200-A AWO-M-E-AC 201.A06
Application	Heating (medium temp)
Units	Indoor + 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	4.83 kW	4.40 kW
El input	1.02 kW	1.51 kW
COP	4.72	2.91

EN 14825	
Pdesignh	5.59 kW
Rated airflow rate	2250 m³/h

Average Climate

EN 12102-1		
	Low temperature	**Medium temperature**
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Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825		
	Low temperature	**Medium temperature**
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Prated	5.59 kW	5.59 kW
SCOP	4.38	3.21
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
Pdh Tj = -7°C	4.95 kW	4.95 kW
COP Tj = -7°C	2.83	2.03
Pdh Tj = +2°C	3.00 kW	3.30 kW
COP Tj = +2°C	4.33	3.11

Pdh Tj = +7°C	3.15 kW	2.97 kW
COP Tj = +7°C	5.81	4.22
Pdh Tj = 12°C	3.05 kW	2.91 kW
COP Tj = 12°C	7.20	5.51
Pdh Tj = Tbiv	4.95 kW	4.95 kW
COP Tj = Tbiv	2.83	2.03
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	4.49 kW	4.68 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.56	1.85
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WTOL	60 °C	60 °C
Poff	11 W	11 W
PTO	0 W	0 W
PSB	16 W	16 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.13 kW	0.94 kW
Annual energy consumption Qhe	2637 kWh	3605 kWh

Model: Vitocal 200-A AWO-E-M 201.A04

Configure model	
Model name	Vitocal 200-A AWO-E-M 201.A04
Application	Heating (medium temp)
Units	Indoor + 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	3.96 kW	3.61 kW
El input	0.87 kW	1.37 kW
COP	4.56	2.64

EN 14825	
Pdesignh	5.38 kW
Rated airflow rate	2250 m³/h

Average Climate

EN 12102-1		
	Low temperature	**Medium temperature**
Sound power level indoor	39 dB(A)	39 dB(A)
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EN 14825		
	Low temperature	**Medium temperature**
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Prated	5.38 kW	5.23 kW
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Pdh Tj = +7°C	3.15 kW	2.97 kW
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Poff	11 W	11 W
PTO	0 W	0 W
PSB	16 W	16 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.07 kW	0.86 kW
Annual energy consumption Qhe	2524 kWh	3292 kWh

Model: Vitocal 200-A AWO-E-M 201.A06

Configure model	
Model name	Vitocal 200-A AWO-E-M 201.A06
Application	Heating (medium temp)
Units	Indoor + 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	4.83 kW	4.40 kW
El input	1.02 kW	1.51 kW
COP	4.72	2.91

EN 14825	
Pdesignh	5.59 kW
Rated airflow rate	2250 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	54 dB(A)	54 dB(A)

EN 14825		
	Low temperature	**Medium temperature**
η_s	172 %	125 %
Prated	5.59 kW	5.59 kW
SCOP	4.38	3.21
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
Pdh Tj = -7°C	4.95 kW	4.95 kW
COP Tj = -7°C	2.83	2.03
Pdh Tj = +2°C	3.00 kW	3.30 kW
COP Tj = +2°C	4.33	3.11

Pdh Tj = +7°C	3.15 kW	2.97 kW
COP Tj = +7°C	5.81	4.22
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Pdh Tj = Tbiv	4.95 kW	4.95 kW
COP Tj = Tbiv	2.83	2.03
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Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.13 kW	0.94 kW
Annual energy consumption Qhe	2637 kWh	3605 kWh