Subtype Vitocal 2xx-A ODU3

Certificate Holder	Viessmann Climate Solutions SE
Address	Viessmannstr. 1
ZIP	35107
City	Allendorf/Eder
Country	DE
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH
Subtype title	Vitocal 2xx-A ODU3
Registration number	011-1W0148
Heat Pump Type	Outdoor Air/Water
Refrigerant	R410A
Mass of Refrigerant	2.4 kg
Certification Date	15.03.2018

Model Vitocal 200-A AWO-M 201.A10	
Model name	Vitocal 200-A AWO-M 201.A10
Application	Heating (medium temp)
Units	Indoor, Outdoor
Climate zone (for heating)	n/a
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data	
Power supply	1x230V 50Hz
Off-peak product	Yes

Outdoor Air/Water

EN 14511-4 | Heating

Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed

EN 14511-2 | Heating

	Low temperature	Medium temperature
Heat output	7.01 kW	7.93 kW
El input	1.49 kW	2.73 kW
COP	4.69	2.90

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	39 dB(A)	39 dB(A)
Sound power level outdoor	56 dB(A)	56 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
ηs	176 %	129 %
Prated	9.32 kW	9.35 kW
SCOP	4.47	3.29
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
Pdh Tj = -7°C	8.25 kW	8.27 kW
COP Tj = -7°C	3.24	2.26
Pdh Tj = +2°C	5.32 kW	6.07 kW
COP Tj = +2°C	4.32	3.15
Pdh Tj = +7°C	6.60 kW	5.37 kW
COP Tj = +7°C	5.81	4.21
Pdh Tj = 12°C	6.63 kW	6.41 kW
COP Tj = 12°C	7.51	5.70

This information was generated by the HP KEYMARK database on 29.03.2024

Pdh Tj = Tbiv	8.25 kW	8.27 kW
COP Tj = Tbiv	3.24	2.26
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.51 kW	8.04 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.90	2.04
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.98	0.99
WTOL	60 °C	60 °C
Poff	50 W	50 W
PTO	0 W	0 W
PSB	25 W	25 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.86 kW	1.36 kW
Annual energy consumption Qhe	4314 kWh	5867 kWh

Model Vitocal 200-A AWO-M 201.A13	
Model name	Vitocal 200-A AWO-M 201.A13
Application	Heating (medium temp)
Units	Indoor, Outdoor
Climate zone (for heating)	n/a
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data	
Power supply	1x230V 50Hz
Off-peak product	Yes

Outdoor Air/Water

EN 14511-4 | Heating

Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed

EN 14511-2 | Heating

	Low temperature	Medium temperature
Heat output	7.85 kW	7.93 kW
El input	1.66 kW	2.73 kW
COP	4.72	2.90

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	39 dB(A)	39 dB(A)
Sound power level outdoor	56 dB(A)	56 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
ηs	175 %	130 %
Prated	9.99 kW	10.07 kW
SCOP	4.46	3.32
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
Pdh Tj = -7°C	8.83 kW	8.91 kW
COP Tj = -7°C	3.19	2.27
Pdh Tj = +2°C	5.71 kW	5.90 kW
COP Tj = +2°C	4.30	3.17
Pdh Tj = +7°C	8.86 kW	5.38 kW
COP Tj = +7°C	5.63	4.24
Pdh Tj = 12°C	6.65 kW	6.42 kW
COP Tj = 12°C	7.64	5.72

This information was generated by the HP KEYMARK database on 29.03.2024

Pdh Tj = Tbiv	8.83 kW	8.91 kW
COP Tj = Tbiv	3.19	2.27
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.06 kW	8.59 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.86	2.04
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.98	0.99
WTOL	60 °C	60 °C
Poff	50 W	50 W
PTO	0 W	0 W
PSB	25 W	25 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.98 kW	1.54 kW
Annual energy consumption Qhe	4625 kWh	6275 kWh

Model Vitocal 200-A AWO-M 201.A16	
Model name	Vitocal 200-A AWO-M 201.A16
Application	Heating (medium temp)
Units	Indoor, Outdoor
Climate zone (for heating)	n/a
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data	
Power supply	1x230V 50Hz
Off-peak product	Yes

Outdoor Air/Water EN 14511-4 | Heating	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed

EN 14511-2 | Heating		
	Low temperature	Medium temperature
Heat output	8.64 kW	8.42 kW
El input	1.90 kW	2.89 kW
COP	4.54	2.92

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level indoor	39 dB(A)	39 dB(A)
Sound power level outdoor	56 dB(A)	56 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	175 %	130 %
Prated	10.61 kW	10.72 kW
SCOP	4.46	3.34
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
Pdh Tj = -7°C	9.39 kW	9.49 kW
COP Tj = -7°C	3.12	2.26
Pdh Tj = +2°C	5.72 kW	5.91 kW
COP Tj = +2°C	4.29	3.19
Pdh Tj = +7°C	8.88 kW	5.39 kW
COP Tj = +7°C	5.68	4.27
Pdh Tj = 12°C	6.67 kW	6.42 kW
COP Tj = 12°C	7.74	5.75

This information was generated by the HP KEYMARK database on 29.03.2024

Pdh Tj = Tbiv	9.39 kW	9.49 kW
COP Tj = Tbiv	3.12	2.26
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.55 kW	9.21 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.80	2.05
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.98	0.99
WTOL	60 °C	60 °C
Poff	59 W	59 W
PTO	0 W	0 W
PSB	25 W	25 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	2.11 kW	1.57 kW
Annual energy consumption Qhe	4917 kWh	6638 kWh

Model Vitocal 200-A AWO-M-E -AC 201.A10	
Model name	Vitocal 200-A AWO-M-E -AC 201.A10
Application	Heating (medium temp)
Units	Indoor, Outdoor
Climate zone (for heating)	n/a
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data	
Power supply	1x230V 50Hz
Off-peak product	Yes

Outdoor Air/Water EN 14511-4 | Heating	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed

EN 14511-2 | Heating		
	Low temperature	Medium temperature
Heat output	7.01 kW	7.93 kW
El input	1.49 kW	2.73 kW
COP	4.69	2.90

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level indoor	39 dB(A)	39 dB(A)
Sound power level outdoor	56 dB(A)	56 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	176 %	129 %
Prated	9.32 kW	9.35 kW
SCOP	4.47	3.29
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
Pdh Tj = -7°C	8.25 kW	8.27 kW
COP Tj = -7°C	3.24	2.26
Pdh Tj = +2°C	5.32 kW	6.07 kW
COP Tj = +2°C	4.32	3.15
Pdh Tj = +7°C	6.60 kW	5.37 kW
COP Tj = +7°C	5.81	4.21
Pdh Tj = 12°C	6.63 kW	6.41 kW
COP Tj = 12°C	7.51	5.70

This information was generated by the HP KEYMARK database on 29.03.2024

Pdh Tj = Tbiv	8.25 kW	8.27 kW
COP Tj = Tbiv	3.24	2.26
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.51 kW	8.04 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.90	2.04
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.98	0.99
WTOL	60 °C	60 °C
Poff	50 W	50 W
PTO	0 W	0 W
PSB	25 W	25 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.86 kW	1.36 kW
Annual energy consumption Qhe	4314 kWh	5867 kWh

Model Vitocal 200-A AWO-M-E-AC 201.A13	
Model name	Vitocal 200-A AWO-M-E-AC 201.A13
Application	Heating (medium temp)
Units	Indoor, Outdoor
Climate zone (for heating)	n/a
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data	
Power supply	1x230V 50Hz
Off-peak product	Yes

Outdoor Air/Water EN 14511-4 | Heating	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed

EN 14511-2 | Heating		
	Low temperature	Medium temperature
Heat output	7.85 kW	7.93 kW
El input	1.66 kW	2.73 kW
COP	4.72	2.90

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level indoor	39 dB(A)	39 dB(A)
Sound power level outdoor	56 dB(A)	56 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	175 %	130 %
Prated	9.99 kW	10.07 kW
SCOP	4.46	3.32
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
Pdh Tj = -7°C	8.83 kW	8.91 kW
COP Tj = -7°C	3.19	2.27
Pdh Tj = +2°C	5.71 kW	5.90 kW
COP Tj = +2°C	4.30	3.17
Pdh Tj = +7°C	8.86 kW	5.38 kW
COP Tj = +7°C	5.63	4.24
Pdh Tj = 12°C	6.65 kW	6.42 kW
COP Tj = 12°C	7.64	5.72

This information was generated by the HP KEYMARK database on 29.03.2024

Pdh Tj = Tbiv	8.83 kW	8.91 kW
COP Tj = Tbiv	3.19	2.27
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.06 kW	8.59 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.86	2.04
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.98	0.99
WTOL	60 °C	60 °C
Poff	50 W	50 W
PTO	0 W	0 W
PSB	25 W	25 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.98 kW	1.54 kW
Annual energy consumption Qhe	4625 kWh	6275 kWh

Model Vitocal 200-A AWO-M-E-AC 201.A16	
Model name	Vitocal 200-A AWO-M-E-AC 201.A16
Application	Heating (medium temp)
Units	Indoor, Outdoor
Climate zone (for heating)	n/a
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data	
Power supply	1x230V 50Hz
Off-peak product	Yes

Outdoor Air/Water EN 14511-4 | Heating	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed

EN 14511-2 | Heating		
	Low temperature	Medium temperature
Heat output	8.64 kW	8.42 kW
El input	1.90 kW	2.89 kW
COP	4.54	2.92

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level indoor	39 dB(A)	39 dB(A)
Sound power level outdoor	56 dB(A)	56 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	175 %	130 %
Prated	10.61 kW	10.72 kW
SCOP	4.46	3.34
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
Pdh Tj = -7°C	9.39 kW	9.49 kW
COP Tj = -7°C	3.12	2.26
Pdh Tj = +2°C	5.72 kW	5.91 kW
COP Tj = +2°C	4.29	3.19
Pdh Tj = +7°C	8.88 kW	5.39 kW
COP Tj = +7°C	5.68	4.27
Pdh Tj = 12°C	6.67 kW	6.42 kW
COP Tj = 12°C	7.74	5.75

This information was generated by the HP KEYMARK database on 29.03.2024

Pdh Tj = Tbiv	9.39 kW	9.49 kW
COP Tj = Tbiv	3.12	2.26
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.55 kW	9.21 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.80	2.05
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.98	0.99
WTOL	60 °C	60 °C
Poff	59 W	59 W
PTO	0 W	0 W
PSB	25 W	25 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	2.11 kW	1.57 kW
Annual energy consumption Qhe	4917 kWh	6638 kWh

Model Vitocal 200-A AWO-E-M 201.A10	
Model name	Vitocal 200-A AWO-E-M 201.A10
Application	Heating (medium temp)
Units	Indoor, Outdoor
Climate zone (for heating)	n/a
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data	
Power supply	1x230V 50Hz
Off-peak product	Yes

Outdoor Air/Water

EN 14511-4 | Heating

Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed

EN 14511-2 | Heating

	Low temperature	Medium temperature
Heat output	7.01 kW	7.93 kW
El input	1.49 kW	2.73 kW
COP	4.69	2.90

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	39 dB(A)	39 dB(A)
Sound power level outdoor	56 dB(A)	56 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
ηs	176 %	129 %
Prated	9.32 kW	9.35 kW
SCOP	4.47	3.29
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
Pdh Tj = -7°C	8.25 kW	8.27 kW
COP Tj = -7°C	3.24	2.26
Pdh Tj = +2°C	5.32 kW	6.07 kW
COP Tj = +2°C	4.32	3.15
Pdh Tj = +7°C	6.60 kW	5.37 kW
COP Tj = +7°C	5.81	4.21
Pdh Tj = 12°C	6.63 kW	6.41 kW
COP Tj = 12°C	7.51	5.70

This information was generated by the HP KEYMARK database on 29.03.2024

Pdh Tj = Tbiv	8.25 kW	8.27 kW
COP Tj = Tbiv	3.24	2.26
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.51 kW	8.04 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.90	2.04
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.98	0.99
WTOL	60 °C	60 °C
Poff	50 W	50 W
PTO	0 W	0 W
PSB	25 W	25 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.86 kW	1.36 kW
Annual energy consumption Qhe	4314 kWh	5867 kWh

Model Vitocal 200-A AWO-E-M 201.A13	
Model name	Vitocal 200-A AWO-E-M 201.A13
Application	Heating (medium temp)
Units	Indoor, Outdoor
Climate zone (for heating)	n/a
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data	
Power supply	1x230V 50Hz
Off-peak product	Yes

Outdoor Air/Water EN 14511-4 | Heating	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed

EN 14511-2 | Heating		
	Low temperature	Medium temperature
Heat output	7.85 kW	7.93 kW
El input	1.66 kW	2.73 kW
COP	4.72	2.90

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level indoor	39 dB(A)	39 dB(A)
Sound power level outdoor	56 dB(A)	56 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	175 %	130 %
Prated	9.99 kW	10.07 kW
SCOP	4.46	3.32
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
Pdh Tj = -7°C	8.83 kW	8.91 kW
COP Tj = -7°C	3.19	2.27
Pdh Tj = +2°C	5.71 kW	5.90 kW
COP Tj = +2°C	4.30	3.17
Pdh Tj = +7°C	8.86 kW	5.38 kW
COP Tj = +7°C	5.63	4.24
Pdh Tj = 12°C	6.65 kW	6.42 kW
COP Tj = 12°C	7.64	5.72

This information was generated by the HP KEYMARK database on 29.03.2024

Pdh Tj = Tbiv	8.83 kW	8.91 kW
COP Tj = Tbiv	3.19	2.27
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.06 kW	8.59 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.86	2.04
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.98	0.99
WTOL	60 °C	60 °C
Poff	50 W	50 W
PTO	0 W	0 W
PSB	25 W	25 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.98 kW	1.54 kW
Annual energy consumption Qhe	4625 kWh	6275 kWh

Model Vitocal 200-A AWO-E-M 201.A16	
Model name	Vitocal 200-A AWO-E-M 201.A16
Application	Heating (medium temp)
Units	Indoor, Outdoor
Climate zone (for heating)	n/a
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data	
Power supply	1x230V 50Hz
Off-peak product	Yes

Outdoor Air/Water

EN 14511-4 | Heating

Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed

EN 14511-2 | Heating

	Low temperature	Medium temperature
Heat output	8.64 kW	8.42 kW
El input	1.90 kW	2.89 kW
COP	4.54	2.92

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	39 dB(A)	39 dB(A)
Sound power level outdoor	56 dB(A)	56 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
ηs	175 %	130 %
Prated	10.61 kW	10.72 kW
SCOP	4.46	3.34
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
Pdh Tj = -7°C	9.39 kW	9.49 kW
COP Tj = -7°C	3.12	2.26
Pdh Tj = +2°C	5.72 kW	5.91 kW
COP Tj = +2°C	4.29	3.19
Pdh Tj = +7°C	8.88 kW	5.39 kW
COP Tj = +7°C	5.68	4.27
Pdh Tj = 12°C	6.67 kW	6.42 kW
COP Tj = 12°C	7.74	5.75

This information was generated by the HP KEYMARK database on 29.03.2024

Pdh Tj = Tbiv	9.39 kW	9.49 kW
COP Tj = Tbiv	3.12	2.26
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.55 kW	9.21 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.80	2.05
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.98	0.99
WTOL	60 °C	60 °C
Poff	59 W	59 W
PTO	0 W	0 W
PSB	25 W	25 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	2.11 kW	1.57 kW
Annual energy consumption Qhe	4917 kWh	6638 kWh