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Summary of	Vitocal 2xx-A ODU3	Reg. No.	011-1W0148	
Certificate Holder				
Name	Viessmann Wärmepumpen	Viessmann Wärmepumpen GmbH		
Address	Viessmannstr. 1	Zip	35107	
City	Allendorf/Eder	Country	Germany	
Certification Body	DIN CERTCO Gesellschaft fü	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH		
Subtype title	Vitocal 2xx-A ODU3	Vitocal 2xx-A ODU3		
Heat Pump Type	Outdoor Air/Water	Outdoor Air/Water		
Refrigerant	R410A	R410A		
Mass of Refrigerant	2.4 kg			



Model: Vitocal 200-A AWO-M 201.A10

Configure model		
Model name	Vitocal 200-A AWO-M 201.A10	
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	

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	7.01 kW	7.93 kW
El input	1.49 kW	2.73 kW
СОР	4.69	2.90



EN 14825	
Pdesignh	9.32 kW
Rated airflow rate	4500 m³/h

EN 12102-1		
	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		
	Low temperature	Medium temperature
η_{s}	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
$COPTj = +2^{\circ}C$	4.32	3.15





6.60 kW	5.37 kW
5.81	4.21
6.63 kW	6.41 kW
7.51	5.70
8.25 kW	8.27 kW
3.24	2.26
7.51 kW	8.04 kW
2.90	2.04
0.98	0.99
60 °C	60 °C
50 W	50 W
o w	o w
25 W	25 W
o w	o w
Electricity	Electricity
1.86 kW	1.36 kW
4314 kWh	5867 kWh
	5.81 6.63 kW 7.51 8.25 kW 3.24 7.51 kW 2.90 0.98 60 °C 50 W 0 W 25 W 0 W Electricity 1.86 kW



Model: Vitocal 200-A AWO-M 201.A13

Configure model		
Model name	Vitocal 200-A AWO-M 201.A13	
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	

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	7.85 kW	7.93 kW
El input	1.66 kW	2.73 kW
СОР	4.72	2.90



EN 14825		
Pdesignh	9.99 kW	
Rated airflow rate	4500 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 56 dB(A) 56 dB(A)			

EN 14825		
	Low temperature	Medium temperature
η_{S}	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
$COPTj = +2^{\circ}C$	4.30	3.17





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Pdh Tj = +7°C	8.86 kW	5.38 kW
$COP Tj = +7^{\circ}C$	5.63	4.24
Pdh Tj = 12°C	6.65 kW	6.42 kW
COP Tj = 12°C	7.64	5.72
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
РТО	o w	o w
PSB	25 W	25 W
PCK	o w	o 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

Configure model		
Model name Vitocal 200-A AWO-M 201.A16		
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	

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	

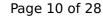
EN 14511-2				
Low temperature Medium temperature				
Heat output	8.64 kW	8.42 kW		
El input	1.90 kW	2.89 kW		
СОР	4.54	2.92		



EN 14825		
Pdesignh	10.61 kW	
Rated airflow rate 4500 m³/h		

EN 12102-1			
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		
	Low temperature	Medium temperature
η_{S}	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
$COPTj = +2^{\circ}C$	4.29	3.19





8.88 kW	5.39 kW
5.68	4.27
6.67 kW	6.42 kW
7.74	5.75
9.39 kW	9.49 kW
3.12	2.26
8.55 kW	9.21 kW
2.80	2.05
0.98	0.99
60 °C	60 °C
59 W	59 W
0 W	0 W
25 W	25 W
o w	0 W
Electricity	Electricity
2.11 kW	1.57 kW
4917 kWh	6638 kWh
	5.68 6.67 kW 7.74 9.39 kW 3.12 8.55 kW 2.80 0.98 60 °C 59 W 0 W 25 W 0 W Electricity 2.11 kW



Model: Vitocal 200-A AWO-M-E -AC 201.A10

Configure model		
Model name	Vitocal 200-A AWO-M-E -AC 201.A10	
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	

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	

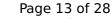
EN 14511-2		
	Low temperature	Medium temperature
Heat output	7.01 kW	7.93 kW
El input	1.49 kW	2.73 kW
СОР	4.69	2.90



EN 14825	
Pdesignh	9.32 kW
Rated airflow rate	4500 m³/h

EN 12102-1		
	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		
	Low temperature	Medium temperature
η_{S}	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 = $+2^{\circ}$ C	5.32 kW	6.07 kW
COP Tj = +2°C	4.32	3.15





6.60 kW	5.37 kW
5.81	4.21
6.63 kW	6.41 kW
7.51	5.70
8.25 kW	8.27 kW
3.24	2.26
7.51 kW	8.04 kW
2.90	2.04
0.98	0.99
60 °C	60 °C
50 W	50 W
o w	o w
25 W	25 W
o w	o w
Electricity	Electricity
1.86 kW	1.36 kW
4314 kWh	5867 kWh
	5.81 6.63 kW 7.51 8.25 kW 3.24 7.51 kW 2.90 0.98 60 °C 50 W 0 W 25 W 0 W Electricity 1.86 kW

Model: Vitocal 200-A AWO-M-E-AC 201.A13

Configure model		
Model name	Vitocal 200-A AWO-M-E-AC 201.A13	
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	

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	

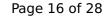
EN 14511-2				
Low temperature Medium temperature				
Heat output	7.85 kW	7.93 kW		
El input	1.66 kW	2.73 kW		
СОР	4.72	2.90		



EN 14825		
Pdesignh	9.99 kW	
Rated airflow rate 4500 m³/h		

EN 12102-1			
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		
	Low temperature	Medium temperature
η_{s}	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^{\circ}C $	8.86 kW	5.38 kW
$COP Tj = +7^{\circ}C$	5.63	4.24
Pdh Tj = 12°C	6.65 kW	6.42 kW
COP Tj = 12°C	7.64	5.72
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
РТО	o w	o w
PSB	25 W	25 W
PCK	o w	o 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

Configure model		
Model name Vitocal 200-A AWO-M-E-AC 201.A16		
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		

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	

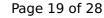
EN 14511-2				
Low temperature Medium temperature				
Heat output	8.64 kW	8.42 kW		
El input	1.90 kW	2.89 kW		
СОР	4.54	2.92		



EN 14825		
Pdesignh	10.61 kW	
Rated airflow rate 4500 m³/h		

EN 12102-1			
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		
	Low temperature	Medium temperature
η_{S}	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





8.88 kW	5.39 kW
5.68	4.27
6.67 kW	6.42 kW
7.74	5.75
9.39 kW	9.49 kW
3.12	2.26
8.55 kW	9.21 kW
2.80	2.05
0.98	0.99
60 °C	60 °C
59 W	59 W
0 W	0 W
25 W	25 W
o w	0 W
Electricity	Electricity
2.11 kW	1.57 kW
4917 kWh	6638 kWh
	5.68 6.67 kW 7.74 9.39 kW 3.12 8.55 kW 2.80 0.98 60 °C 59 W 0 W 25 W 0 W Electricity 2.11 kW

Model: Vitocal 200-A AWO-E-M 201.A10

Configure model		
Model name	Vitocal 200-A AWO-E-M 201.A10	
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	

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

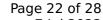
EN 14511-2		
	Low temperature	Medium temperature
Heat output	7.01 kW	7.93 kW
El input	1.49 kW	2.73 kW
СОР	4.69	2.90



EN 14825	
Pdesignh	9.32 kW
Rated airflow rate	4500 m³/h

EN 12102-1		
	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		
	Low temperature	Medium temperature
η_{s}	176 %	129 %
Prated	9.32 kW	9.35 kW
SCOP	4.47	3.29
Tbiv	-7 °C	-7 °C
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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





3	, ,	
Pdh Tj = $+7^{\circ}$ C	6.60 kW	5.37 kW
$COP Tj = +7^{\circ}C$	5.81	4.21
Pdh Tj = 12°C	6.63 kW	6.41 kW
COP Tj = 12°C	7.51	5.70
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
РТО	o w	o w
PSB	25 W	25 W
PCK	o w	o 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

Configure model		
Model name	Vitocal 200-A AWO-E-M 201.A13	
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	

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	7.85 kW	7.93 kW	
El input	1.66 kW	2.73 kW	
СОР	4.72	2.90	



EN 14825		
Pdesignh	9.99 kW	
Rated airflow rate	4500 m³/h	

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
η_{S}	175 %	130 %
Prated	9.99 kW	10.07 kW
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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
$COPTj = +2^{\circ}C$	4.30	3.17





$ Pdh Tj = +7^{\circ}C $	8.86 kW	5.38 kW
$COP Tj = +7^{\circ}C$	5.63	4.24
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COP Tj = 12°C	7.64	5.72
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
РТО	o w	o w
PSB	25 W	25 W
PCK	o w	o 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

Configure model		
Model name	Vitocal 200-A AWO-E-M 201.A16	
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	

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	

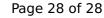
EN 14511-2			
Low temperature Medium temperature			
Heat output	8.64 kW	8.42 kW	
El input	1.90 kW	2.89 kW	
СОР	4.54	2.92	



EN 14825		
Pdesignh	10.61 kW	
Rated airflow rate	4500 m³/h	

EN 12102-1			
	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		
	Low temperature	Medium temperature
η_{s}	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 = $+7^{\circ}$ 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
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
РТО	o w	0 W
PSB	25 W	25 W
PCK	o w	o 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