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Login

Summary of	Vitocal 2xx-S ODU2	Reg. No.	011-1W0200	
Certificate Holder				
Name	Viessmann Wärmepumpen GmbH	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-S ODU2			
Heat Pump Type	Outdoor Air/Water			
Refrigerant	R410A			
Mass of Refrigerant	2.39 kg			

Model: Vitocal 200-S AWB-M-E-AC 201.D08

Configure model		
Model name	Vitocal 200-S AWB-M-E-AC 201.D08	
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	5.62 kW	4.97 kW
El input	1.19 kW	1.81 kW
СОР	4.71	2.76



EN 1482	25
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



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Pdh Tj = +7°C	4.36 kW	4.14 kW
$COP Tj = +7^{\circ}C$	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 or Pdh Tj = Tdesignh if TOL < Tdesignh	5.41 kW	5.38 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.74	1.99
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.98	0.99
WTOL	60 °C	60 °C
Poff	14 W	14 W
РТО	o w	0 W
PSB	16 W	16 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.45 kW	1.06 kW
Annual energy consumption Qhe	3163 kWh	4071 kWh

Model: Vitocal 200-S AWB-M 201.D08

Configure model		
Model name	Vitocal 200-S AWB-M 201.D08	
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	5.62 kW	4.97 kW		
El input	1.19 kW	1.81 kW		
СОР	4.71	2.76		



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
$COPTj = +2^{\circ}C$	4.35	3.10





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Pdh Tj = +7°C	4.36 kW	4.14 kW
$COPTj = +7^{\circ}C$	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 or Pdh Tj = Tdesignh if TOL < Tdesignh	5.41 kW	5.38 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.74	1.99
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.98	0.99
WTOL	60 °C	60 °C
Poff	14 W	14 W
РТО	o w	o w
PSB	16 W	16 W
РСК	0 W	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.45 kW	1.06 kW
Annual energy consumption Qhe	3163 kWh	4071 kWh
	<u> </u>	<u> </u>

Model: Vitocal 200-S AWB-E-M 201.D08

Configure model		
Model name Vitocal 200-S AWB-E-M 201.D08		
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	5.62 kW	4.97 kW		
El input	1.19 kW	1.81 kW		
СОР	4.71	2.76		

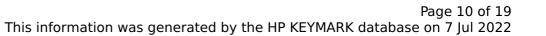


EN 14825		
Pdesignh	6.82 kW	
Rated airflow rate	2600 m³/h	

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
$COPTj = -7^{\circ}C$	3.07	2.15
Pdh Tj = $+2$ °C	3.67 kW	3.53 kW
$COPTj = +2^{\circ}C$	4.35	3.10





Pdh Tj = $+7^{\circ}$ C	4.36 kW	4.14 kW
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Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.98	0.99
WTOL	60 °C	60 °C
Poff	14 W	14 W
РТО	o w	0 W
PSB	16 W	16 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.45 kW	1.06 kW
Annual energy consumption Qhe	3163 kWh	4332 kWh



Model: Vitocal 222-S AWBT-M 221.C08

Configure model		
Model name	Vitocal 222-S AWBT-M 221.C08	
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	5.62 kW	4.97 kW
El input	1.19 kW	1.81 kW
СОР	4.71	2.76



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
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Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
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Pdh Tj = +2°C	3.67 kW	3.53 kW
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WTOL	60 °C	60 °C
Poff	14 W	14 W
РТО	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	1.45 kW	1.06 kW
Annual energy consumption Qhe	3163 kWh	4071 kWh



Model: Vitocal 222-S AWBT-M-E-AC 221.C08

Configure model		
Model name	Vitocal 222-S AWBT-M-E-AC 221.C08	
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	

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EN 14825	
Pdesignh	6.82 kW
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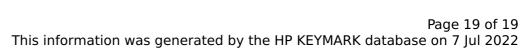


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