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Login

Summary of	Vitocal 2xx-G B13	Reg. No.	011-1W0210		
Certificate Holder	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-G B13	Vitocal 2xx-G B13			
Heat Pump Type	Brine/Water	Brine/Water			
Refrigerant	R410A	R410A			
Mass of Refrigerant	2.15 kg	2.15 kg			
Certification Date	06.10.2020				

Model: Vitocal 200-G BWC 201.B13

Configure model			
Model name	Vitocal 200-G BWC 201.B13		
Application	Heating (medium temp)		
Units	Indoor		
Climate Zone	Colder Climate + Warmer Climate		
Reversibility	No		
Cooling mode application (optional)	n/a		

General Data		
Power supply	3x400V 50Hz	

Heating

EN 14511-2			
	Low temperature	Medium temperature	
Heat output	13.19 kW	12.17 kW	
El input	2.89 kW	4.05 kW	
СОР	4.60	3.01	

EN 14511-4		
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	
Starting and operating test	passed	

Warmer Climate



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	46 dB(A)	49 dB(A)

EN 14825			
	Low temperature	Medium temperature	
η_{s}	192 %	142 %	
Prated	13.19 kW	12.17 kW	
SCOP	5.00	3.74	
Tbiv	2 °C	2 °C	
TOL	2 °C	2 °C	
Pdh Tj = +2°C	13.19 kW	12.17 kW	
COP Tj = +2°C	4.60	3.00	
Cdh Tj = +2 °C	0.99	0.99	
Pdh Tj = +7°C	13.29 kW	12.45 kW	
COP Tj = +7°C	4.84	3.42	
Cdh Tj = +7 °C	0.99	0.99	
Pdh Tj = 12°C	13.44 kW	12.98 kW	
COP Tj = 12°C	5.22	4.22	
Cdh Tj = +12 °C	0.99	0.99	
Pdh Tj = Tbiv	13.19 kW	12.17 kW	





COP Tj = Tbiv	4.60	3.00
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	13.19 kW	12.17 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.60	3.00
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.99	0.99
WTOL	65 °C	65 °C
Poff	o w	0 W
PTO	0 W	0 W
PSB	0 W	0 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	3470 kWh	4279 kWh

Colder Climate

EN 12102-1			
	Low temperature	Medium temperature	
Sound power level indoor	46 dB(A)	49 dB(A)	

EN 14825		
	Low temperature	Medium temperature
η_{s}	194 %	145 %





This information was generated by the HP KEYMARK database on 22 jun 2022				
Prated	13.19 kW	12.17 kW		
SCOP	5.05	3.82		
Tbiv	-22 °C	-22 °C		
TOL	-22 °C	-22 °C		
Pdh Tj = -7°C	13.32 kW	12.55 kW		
$COPTj = -7^{\circ}C$	4.94	3.56		
Cdh Tj = -7 °C	0.99	0.99		
Pdh Tj = +2°C	13.39 kW	12.83 kW		
COP Tj = +2°C	5.13	3.99		
Cdh Tj = +2 °C	0.99	0.99		
Pdh Tj = +7°C	13.47 kW	13.05 kW		
$COP Tj = +7^{\circ}C$	5.31	4.36		
Cdh Tj = +7 °C	0.99	0.99		
Pdh Tj = 12°C	13.48 kW	13.20 kW		
COP Tj = 12°C	5.25	4.61		
Cdh Tj = +12 °C	0.99	0.99		
Pdh Tj = Tbiv	13.19 kW	12.17 kW		
COP Tj = Tbiv	4.60	3.00		
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	13.19 kW	12.17 kW		
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.60	3.00		
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.99	0.99		
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WTOL	65 °C	65 °C
Poff	o w	o w
РТО	o w	o w
PSB	o w	o w
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	6339 kWh	7747 kWh

Average Climate

EN 12102-1			
Low temperature Medium temperature			
Sound power level indoor	46 dB(A)	49 dB(A)	

EN 14825			
		Low temperature	Medium temperature
Pdesignh	13.00 kW		'
η_{s}	189 %	141 %	
Prated	13.19 kW	12.17 kW	
SCOP	4.94	3.73	
Tbiv	-10 °C	-10 °C	





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TOL	-10 °C	-10 °C
Pdh Tj = -7°C	13.18 kW	12.23 kW
COP Tj = -7°C	4.63	3.12
Cdh Tj = -7 °C	0.99	0.99
Pdh Tj = +2°C	13.23 kW	12.63 kW
COP Tj = +2°C	4.76	3.67
Cdh Tj = +2 °C	0.99	0.99
Pdh Tj = +7°C	13.28 kW	12.88 kW
$COP Tj = +7^{\circ}C$	5.13	4.08
Cdh Tj = +7 °C	0.99	0.99
Pdh Tj = 12°C	13.53 kW	13.12 kW
COP Tj = 12°C	5.34	4.46
Cdh Tj = +12 °C	0.99	0.99
Pdh Tj = Tbiv	13.19 kW	12.17 kW
COP Tj = Tbiv	4.60	3.00
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	13.19 kW	12.17 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.60	3.00
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.99	0.99
WTOL	65 °C	65 °C
Poff	o w	0 W



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РТО	8 W	o w
PSB	o w	o w
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Backup Heater	0.00 kW	
Annual energy consumption Qhe	5440 kWh	6641 kWh



Model: Vitocal 200-G BWC 201.B13 SC

Configure model		
Model name	Vitocal 200-G BWC 201.B13 SC	
Application	Heating (medium temp)	
Units	Indoor	
Climate Zone	Colder Climate + Warmer Climate	
Reversibility	No	
Cooling mode application (optional)	n/a	

General Data		
Power supply	3x400V 50Hz	

Heating

EN 14511-2				
Low temperature Medium temperature				
Heat output	13.19 kW	12.17 kW		
El input	2.89 kW	4.05 kW		
СОР	4.60	3.01		

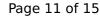
EN 14511-4		
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	
Starting and operating test	passed	

Warmer Climate



EN 12102-1			
Low temperature Medium temperature			
Sound power level indoor	46 dB(A)	49 dB(A)	

EN 14825		
	Low temperature	Medium temperature
η_{s}	192 %	142 %
Prated	13.19 kW	12.17 kW
SCOP	5.00	3.74
Tbiv	2 °C	2 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	13.19 kW	12.17 kW
COP Tj = +2°C	4.60	3.00
Cdh Tj = +2 °C	0.99	0.99
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COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.60	3.00
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.99	0.99
WTOL	65 °C	65 °C
Poff	0 W	0 W
РТО	0 W	0 W
PSB	0 W	0 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	3470 kWh	4279 kWh

Colder Climate

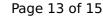
EN 12102-1			
Low temperature Medium temperature			
Sound power level indoor	46 dB(A)	49 dB(A)	

			25	EN 1482
n ₋ 194 % 145 %	ature	Medium temperatur	Low temperature	
		145 %	194 %	η_{S}





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Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.99	0.99
	-	



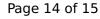


WTOL	65 °C	65 °C
Poff	o w	o w
РТО	o w	o w
PSB	o w	o w
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
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Average Climate

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	Low temperature	Medium temperature
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EN 14825			
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Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	13.19 kW	12.17 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.60	3.00
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.99	0.99
WTOL	65 °C	65 °C
Poff	0 W	o w



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РТО	8 W	o w
PSB	o w	o w
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
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Annual energy consumption Qhe	5440 kWh	6641 kWh