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Login

Summary of	Vitocal 2xx-G B06	Reg. No.	011-1W0285		
Certificate Holder	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-G B06				
Heat Pump Type	Brine/Water				
Refrigerant	R410A				
Mass of Refrigerant	1.4 kg				
Certification Date	11.07.2019				



Model: VITOCAL 200-G BWC 201.B06

Configure model			
Model name VITOCAL 200-G BWC 201.B06			
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	

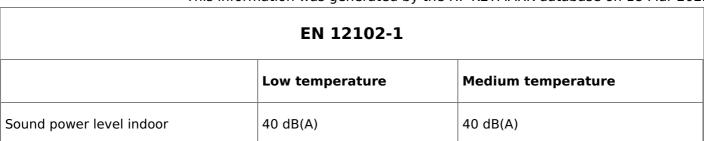
Heating

EN 14511-2				
Low temperature Medium temperature				
Heat output	5.73 kW	5.11 kW		
El input	1.25 kW	1.94 kW		
СОР	4.60	1.63		

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

Average Climate





CEN heat pump

EN 14825			
		Low temperature	Medium temperature
Pdesignh	6.59 kW		
η_{s}	186 %	134 %	
Prated	6.59 kW	5.94 kW	
SCOP	4.86	3.56	
Tbiv	-7 °C	-7 °C	
TOL	-10 °C	-10 °C	
Pdh Tj = -7°C	5.80 kW	5.23 kW	
COP Tj = -7°C	4.61	3.01	
Cdh Tj = -7 °C	0.99	0.99	
Pdh Tj = +2°C	5.84 kW	5.43 kW	
COP Tj = +2°C	4.85	3.54	
Cdh Tj = +2 °C	0.99	0.99	
Pdh Tj = $+7^{\circ}$ C	5.93 kW	5.59 kW	
$COP Tj = +7^{\circ}C$	5.18	3.96	
Cdh Tj = +7 °C	0.99	0.99	





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Pdh Tj = 12°C	5.98 kW	5.70 kW	
COP Tj = 12°C	5.45	4.41	
Cdh Tj = +12 °C	0.99	0.99	
Pdh Tj = Tbiv	5.80 kW	5.23 kW	
COP Tj = Tbiv	4.61	3.01	
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.80 kW	5.21 kW	
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.55	2.85	
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.99	0.99	
WTOL	65 °C	65 °C	
Poff	0 W	0 W	
PTO	0 W	0 W	
PSB	12 W	12 W	
PCK	0 W	0 W	
Supplementary Heater: Type of energy input	Electricity	Electricity	
Supplementary Heater: PSUP	0.80 kW	0.73 kW	
Backup Heater	0 kW		
Annual energy consumption Qhe	2802 kWh	3452 kWh	

Warmer Climate



EN 12102-1				
	Low temperature	Medium temperature		
Sound power level indoor	40 dB(A)	40 dB(A)		

EN 14825			
	Low temperature	Medium temperature	
η_{s}	189 %	141 %	
Prated	5.70 kW	5.19 kW	
SCOP	4.92	3.73	
Tbiv	2 °C	2 °C	
TOL	2 °C	2 °C	
Pdh Tj = +2°C	5.70 kW	5.20 kW	
COP Tj = +2°C	5.18	2.80	
Cdh Tj = +2 °C	0.99	0.99	
Pdh Tj = +7°C	5.84 kW	5.29 kW	
COP Tj = +7°C	4.75	3.20	
Cdh Tj = +7 °C	0.99	0.99	
Pdh Tj = 12°C	5.94 kW	5.61 kW	
COP Tj = 12°C	5.18	4.06	
Cdh Tj = +12 °C	0.99	0.99	
Pdh Tj = Tbiv	5.70 kW	5.19 kW	





COP Tj = Tbiv	5.18	2.83
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.70 kW	5.19 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	5.20	2.83
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	12 W	12 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	1574 kWh	1857 kWh

Colder Climate

EN 12102-1				
	Low temperature	Medium temperature		
Sound power level indoor	40 dB(A)	40 dB(A)		

EN 14825			
	Low temperature	Medium temperature	
η_{s}	184 %	133 %	
	-		





This information was genera		
Prated	9.63 kW	8.97 kW
SCOP	4.80	3.52
Tbiv	-7 °C	-7 °C
TOL	-22 °C	-22 °C
Pdh Tj = -7° C	5.88 kW	5.38 kW
$COP Tj = -7^{\circ}C$	5.24	3.52
Cdh Tj = -7 °C	0.99	0.99
Pdh Tj = $+2$ °C	5.97 kW	5.60 kW
COP Tj = +2°C	5.53	4.04
Cdh Tj = +2 °C	0.99	0.99
Pdh Tj = $+7^{\circ}$ C	5.99 kW	5.71 kW
$COPTj = +7^{\circ}C$	5.73	4.48
Cdh Tj = $+7$ °C	0.99	0.99
Pdh Tj = 12°C	5.98 kW	5.78 kW
COP Tj = 12°C	5.76	4.82
Cdh Tj = +12 °C	0.99	0.99
Pdh Tj = Tbiv	5.88 kW	5.38 kW
COP Tj = Tbiv	5.24	3.52
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.81 kW	5.20 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.80	2.92
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	0 W
РТО	0 W	0 W
PSB	12 W	12 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	3.82 kW	3.47 kW
Annual energy consumption Qhe	4939 kWh	6069 kWh
Pdh Tj = -15°C (if TOL<-20°C)	5.88	5.29
COP Tj = -15°C (if TOL $<$ -20°C)	5.11	2.92
Cdh Tj = -15 °C	0.99	0.99



Model: VITOCAL 200-G BWC 201.B06 SC

Configure model		
Model name	VITOCAL 200-G BWC 201.B06 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	5.73 kW	5.11 kW	
El input	1.25 kW	1.94 kW	
СОР	4.60	1.63	

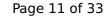
EN 14511-4		
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	
Starting and operating test	passed	

Average Climate



EN 12102-1			
	Low temperature	Medium temperature	
Sound power level indoor	40 dB(A)	40 dB(A)	

EN 14825			
		Low temperature	Medium temperature
Pdesignh	6.59 kW		
η_{s}	186 %	134 %	
Prated	6.59 kW	5.94 kW	
SCOP	4.86	3.56	
Tbiv	-7 °C	-7 °C	
TOL	-10 °C	-10 °C	
Pdh Tj = -7°C	5.80 kW	5.23 kW	
$COP Tj = -7^{\circ}C$	4.61	3.01	
Cdh Tj = -7 °C	0.99	0.99	
Pdh Tj = +2°C	5.84 kW	5.43 kW	
COP Tj = +2°C	4.85	3.54	
Cdh Tj = +2 °C	0.99	0.99	
Pdh Tj = +7°C	5.93 kW	5.59 kW	
COP Tj = +7°C	5.18	3.96	
Cdh Tj = +7 °C	0.99	0.99	





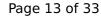
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Pdh Tj = 12°C	5.98 kW	5.70 kW
COP Tj = 12°C	5.45	4.41
Cdh Tj = +12 °C	0.99	0.99
Pdh Tj = Tbiv	5.80 kW	5.23 kW
COP Tj = Tbiv	4.61	3.01
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.80 kW	5.21 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.55	2.85
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.99	0.99
WTOL	65 °C	65 °C
Poff	o w	0 W
РТО	o w	0 W
PSB	12 W	12 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.80 kW	0.73 kW
Backup Heater	0 kW	
Annual energy consumption Qhe	2802 kWh	3452 kWh

Warmer Climate



EN 12102-1			
	Low temperature	Medium temperature	
Sound power level indoor	40 dB(A)	40 dB(A)	

EN 14825			
	Low temperature	Medium temperature	
η_{s}	189 %	141 %	
Prated	5.70 kW	5.19 kW	
SCOP	4.92	3.73	
Tbiv	2 °C	2 °C	
TOL	2 °C	2 °C	
Pdh Tj = +2°C	5.70 kW	5.20 kW	
COP Tj = +2°C	5.18	2.80	
Cdh Tj = +2 °C	0.99	0.99	
Pdh Tj = +7°C	5.84 kW	5.29 kW	
COP Tj = +7°C	4.75	3.20	
Cdh Tj = +7 °C	0.99	0.99	
Pdh Tj = 12°C	5.94 kW	5.61 kW	
COP Tj = 12°C	5.18	4.06	
Cdh Tj = +12 °C	0.99	0.99	
Pdh Tj = Tbiv	5.70 kW	5.19 kW	





COP Tj = Tbiv	5.18	2.83
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.70 kW	5.19 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	5.20	2.83
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	12 W	12 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	1574 kWh	1857 kWh

Colder Climate

EN 12102-1			
Low temperature Medium temperature			
Sound power level indoor	40 dB(A)	40 dB(A)	

EN 14825		
	Low temperature	Medium temperature
η_{S}	184 %	133 %
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This information was genera	ited by the Hi REH-I/R	tit database on 10 mai 2022
Prated	9.63 kW	8.97 kW
SCOP	4.80	3.52
Tbiv	-7 °C	-7 °C
TOL	-22 °C	-22 °C
Pdh Tj = -7° C	5.88 kW	5.38 kW
$COPTj = -7^{\circ}C$	5.24	3.52
Cdh Tj = -7 °C	0.99	0.99
Pdh Tj = $+2$ °C	5.97 kW	5.60 kW
COP Tj = +2°C	5.53	4.04
Cdh Tj = +2 °C	0.99	0.99
Pdh Tj = $+7^{\circ}$ C	5.99 kW	5.71 kW
COP Tj = +7°C	5.73	4.48
Cdh Tj = +7 °C	0.99	0.99
Pdh Tj = 12°C	5.98 kW	5.78 kW
COP Tj = 12°C	5.76	4.82
Cdh Tj = +12 °C	0.99	0.99
Pdh Tj = Tbiv	5.88 kW	5.38 kW
COP Tj = Tbiv	5.24	3.52
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.81 kW	5.20 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.80	2.92
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.99	0.99



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This information was generated by the HP KEYMARK database on 18 Mar 2022

WTOL	65 °C	65 °C
Poff	o w	0 W
РТО	0 W	0 W
PSB	12 W	12 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	3.82 kW	3.47 kW
Annual energy consumption Qhe	4939 kWh	6069 kWh
Pdh Tj = -15°C (if TOL<-20°C)	5.88	5.29
COP Tj = -15°C (if TOL $<$ -20°C)	5.11	2.92
Cdh Tj = -15 °C	0.99	0.99



Model: VITOCAL 222-G BWT 221.B06

Configure model		
Model name	VITOCAL 222-G BWT 221.B06	
Application	Heating + DHW + low temp	
Units	Indoor	
Climate Zone	Colder Climate + Warmer Climate	
Reversibility	No	
Cooling mode application (optional)	n/a	

General Data		
Power supply	3x400V 50Hz	
Off-peak product	Yes	

Heating

EN 14511-2			
Low temperature Medium temperature			
Heat output	5.73 kW	5.11 kW	
El input	1.25 kW	1.94 kW	
СОР	4.60	1.63	

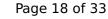
EN 14511-4	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

Average Climate



EN 12102-1			
Low temperature Medium temperature			
Sound power level indoor	40 dB(A)	40 dB(A)	

EN 14825			
		Low temperature	Medium temperature
Pdesignh	6.59 kW		
η_{s}	186 %	134 %	
Prated	6.59 kW	5.94 kW	
SCOP	4.86	3.56	
Tbiv	-7 °C	-7 °C	
TOL	-10 °C	-10 °C	
Pdh Tj = -7°C	5.80 kW	5.23 kW	
$COP Tj = -7^{\circ}C$	4.61	3.01	
Cdh Tj = -7 °C	0.99	0.99	
Pdh Tj = +2°C	5.84 kW	5.43 kW	
COP Tj = +2°C	4.85	3.54	
Cdh Tj = +2 °C	0.99	0.99	
Pdh Tj = +7°C	5.93 kW	5.59 kW	
COP Tj = +7°C	5.18	3.96	
Cdh Tj = +7 °C	0.99	0.99	





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Pdh Tj = 12°C	5.98 kW	5.70 kW	
COP Tj = 12°C	5.45	4.41	
Cdh Tj = +12 °C	0.99	0.99	
Pdh Tj = Tbiv	5.80 kW	5.23 kW	
COP Tj = Tbiv	4.61	3.01	
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.80 kW	5.21 kW	
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.55	2.85	
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.99	0.99	
WTOL	65 °C	65 °C	
Poff	0 W	0 W	
PTO	0 W	0 W	
PSB	12 W	12 W	
PCK	0 W	0 W	
Supplementary Heater: Type of energy input	Electricity	Electricity	
Supplementary Heater: PSUP	0.80 kW	0.73 kW	
Backup Heater	0 kW		
Annual energy consumption Qhe	2802 kWh	3452 kWh	

Warmer Climate



EN 12102-1			
Low temperature Medium temperature			
Sound power level indoor	40 dB(A)	40 dB(A)	

EN 14825		
	Low temperature	Medium temperature
η_{s}	189 %	141 %
Prated	5.70 kW	5.19 kW
SCOP	4.92	3.73
Tbiv	2 °C	2 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	5.70 kW	5.20 kW
COP Tj = +2°C	5.18	2.80
Cdh Tj = +2 °C	0.99	0.99
Pdh Tj = +7°C	5.84 kW	5.29 kW
COP Tj = +7°C	4.75	3.20
Cdh Tj = +7 °C	0.99	0.99
Pdh Tj = 12°C	5.94 kW	5.61 kW
COP Tj = 12°C	5.18	4.06
Cdh Tj = +12 °C	0.99	0.99
Pdh Tj = Tbiv	5.70 kW	5.19 kW



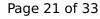


COP Tj = Tbiv	5.18	2.83
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.70 kW	5.19 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	5.20	2.83
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.99	0.99
WTOL	65 °C	65 °C
Poff	0 W	0 W
PTO	0 W	0 W
PSB	12 W	12 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	1574 kWh	1857 kWh

Colder Climate

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	40 dB(A)	40 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{S}	184 %	133 %





This information was genera	ted by the HE KETMAI	TR database on 10 Mai 2022
Prated	9.63 kW	8.97 kW
SCOP	4.80	3.52
Tbiv	-7 °C	-7 °C
TOL	-22 °C	-22 °C
Pdh Tj = -7°C	5.88 kW	5.38 kW
$COP Tj = -7^{\circ}C$	5.24	3.52
Cdh Tj = -7 °C	0.99	0.99
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COP Tj = +2°C	5.53	4.04
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Pdh Tj = $+7^{\circ}$ C	5.99 kW	5.71 kW
$COP Tj = +7^{\circ}C$	5.73	4.48
Cdh Tj = +7 °C	0.99	0.99
Pdh Tj = 12°C	5.98 kW	5.78 kW
COP Tj = 12°C	5.76	4.82
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Pdh Tj = Tbiv	5.88 kW	5.38 kW
COP Tj = Tbiv	5.24	3.52
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.81 kW	5.20 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.80	2.92
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	0 W
РТО	o w	0 W
PSB	12 W	12 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	3.82 kW	3.47 kW
Annual energy consumption Qhe	4939 kWh	6069 kWh
Pdh Tj = -15°C (if TOL<-20°C)	5.88	5.29
COP Tj = -15°C (if TOL<-20°C)	5.11	2.92
Cdh Tj = -15 °C	0.99	0.99

Domestic Hot Water (DHW)

Average Climate



EN 16147		
Declared load profile	XL	
Efficiency ηDHW	130 %	
СОР	3.14	
Heating up time	2.10 h:min	
Standby power input	63.0 W	
Reference hot water temperature	54.1 °C	
Mixed water at 40°C	293 I	

Warmer Climate

EN 16147		
Declared load profile	XL	
Efficiency ηDHW	130 %	
СОР	3.14	
Heating up time	2.10 h:min	
Standby power input	63.0 W	
Reference hot water temperature	54.1 °C	
Mixed water at 40°C	293 I	

Colder Climate



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EN 16147		
Declared load profile	XL	
Efficiency ηDHW	130 %	
СОР	3.14	
Heating up time	2.10 h:min	
Standby power input	63.0 W	
Reference hot water temperature	54.1 °C	
Mixed water at 40°C	293 I	



Model: VITOCAL 222-G BWT 221.B06 SC

Configure model		
Model name	VITOCAL 222-G BWT 221.B06 SC	
Application	Heating + DHW + low temp	
Units	Indoor	
Climate Zone	Colder Climate + Warmer Climate	
Reversibility	No	
Cooling mode application (optional)	n/a	

General Data			
Power supply 3x400V 50Hz			
Off-peak product	Yes		

Heating

EN 14511-2			
Low temperature Medium temperature			
Heat output	5.73 kW	5.11 kW	
El input	1.25 kW	1.94 kW	
СОР	4.60	1.63	

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

Average Climate



EN 12102-1			
	Low temperature	Medium temperature	
Sound power level indoor	40 dB(A)	40 dB(A)	

EN 14825			
		Low temperature	Medium temperature
Pdesignh	6.59 kW		
η_{s}	186 %	134 %	
Prated	6.59 kW	5.94 kW	
SCOP	4.86	3.56	
Tbiv	-7 °C	-7 °C	
TOL	-10 °C	-10 °C	
Pdh Tj = -7°C	5.80 kW	5.23 kW	
$COP Tj = -7^{\circ}C$	4.61	3.01	
Cdh Tj = -7 °C	0.99	0.99	
Pdh Tj = +2°C	5.84 kW	5.43 kW	
COP Tj = +2°C	4.85	3.54	
Cdh Tj = +2 °C	0.99	0.99	
Pdh Tj = +7°C	5.93 kW	5.59 kW	
COP Tj = +7°C	5.18	3.96	
Cdh Tj = +7 °C	0.99	0.99	





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Pdh Tj = 12°C	5.98 kW	5.70 kW
COP Tj = 12°C	5.45	4.41
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Pdh Tj = Tbiv	5.80 kW	5.23 kW
COP Tj = Tbiv	4.61	3.01
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL $<$ Tdesignh	5.80 kW	5.21 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.55	2.85
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.99	0.99
WTOL	65 °C	65 °C
Poff	0 W	o w
РТО	0 W	0 W
PSB	12 W	12 W
PCK	0 W	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.80 kW	0.73 kW
Backup Heater	0 kW	
Annual energy consumption Qhe	2802 kWh	3452 kWh

Warmer Climate



EN 12102-1			
	Low temperature	Medium temperature	
Sound power level indoor	40 dB(A)	40 dB(A)	

EN 14825		
	Low temperature	Medium temperature
η_{s}	189 %	141 %
Prated	5.70 kW	5.19 kW
SCOP	4.92	3.73
Tbiv	2 °C	2 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	5.70 kW	5.20 kW
COP Tj = +2°C	5.18	2.80
Cdh Tj = +2 °C	0.99	0.99
Pdh Tj = +7°C	5.84 kW	5.29 kW
COP Tj = +7°C	4.75	3.20
Cdh Tj = +7 °C	0.99	0.99
Pdh Tj = 12°C	5.94 kW	5.61 kW
COP Tj = 12°C	5.18	4.06
Cdh Tj = +12 °C	0.99	0.99
Pdh Tj = Tbiv	5.70 kW	5.19 kW





COP Tj = Tbiv	5.18	2.83
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.70 kW	5.19 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	5.20	2.83
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.99	0.99
WTOL	65 °C	65 °C
Poff	o w	0 W
РТО	0 W	0 W
PSB	12 W	12 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	1574 kWh	1857 kWh

Colder Climate

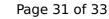
EN 12102-1			
	Low temperature	Medium temperature	
Sound power level indoor	40 dB(A)	40 dB(A)	

EN 14825		
	Low temperature	Medium temperature
η_{s}	184 %	133 %
	-	





	<u>, , , , , , , , , , , , , , , , , , , </u>	IN database on 10 Mai 202
Prated	9.63 kW	8.97 kW
SCOP	4.80	3.52
Tbiv	-7 °C	-7 °C
TOL	-22 °C	-22 °C
Pdh Tj = -7°C	5.88 kW	5.38 kW
$COPTj = -7^{\circ}C$	5.24	3.52
Cdh Tj = -7 °C	0.99	0.99
Pdh Tj = +2°C	5.97 kW	5.60 kW
COP Tj = +2°C	5.53	4.04
Cdh Tj = +2 °C	0.99	0.99
Pdh Tj = $+7^{\circ}$ C	5.99 kW	5.71 kW
$COPTj = +7^{\circ}C$	5.73	4.48
Cdh Tj = +7 °C	0.99	0.99
Pdh Tj = 12°C	5.98 kW	5.78 kW
COP Tj = 12°C	5.76	4.82
Cdh Tj = +12 °C	0.99	0.99
Pdh Tj = Tbiv	5.88 kW	5.38 kW
COP Tj = Tbiv	5.24	3.52
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.81 kW	5.20 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.80	2.92
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	12 W	12 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	3.82 kW	3.47 kW
Annual energy consumption Qhe	4939 kWh	6069 kWh
Pdh Tj = -15°C (if TOL<-20°C)	5.88	5.29
COP Tj = -15°C (if TOL $<$ -20°C)	5.11	2.92
Cdh Tj = -15 °C	0.99	0.99

Domestic Hot Water (DHW)

Average Climate

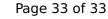


EN 16147		
Declared load profile	XL	
Efficiency ηDHW	130 %	
СОР	3.14	
Heating up time	2.10 h:min	
Standby power input	63.0 W	
Reference hot water temperature	54.1 °C	
Mixed water at 40°C	293 I	

Warmer Climate

EN 16147		
Declared load profile	XL	
Efficiency ηDHW	130 %	
СОР	3.14	
Heating up time	2.10 h:min	
Standby power input	63.0 W	
Reference hot water temperature	54.1 °C	
Mixed water at 40°C	293 I	

Colder Climate





EN 16147		
Declared load profile	XL	
Efficiency ηDHW	130 %	
СОР	3.14	
Heating up time	2.10 h:min	
Standby power input	63.0 W	
Reference hot water temperature	54.1 °C	
Mixed water at 40°C	293 I	