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Summary of	CHAPPEE Eria-N DUO R32 6/8 MR	Reg. No.	21HK0012/00
Certificate Holder	,	<u> </u>	
Name	BDR Thermea FR (CHAPPEE)		
Address	57 rue de la Gare	Zip	67580
City	Mertzwiller	Country	France
Certification Body	Kiwa Nederland B.V.	Kiwa Nederland B.V.	
Subtype title	CHAPPEE Eria-N DUO R32 6/8 MR		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R32		
Mass of Refrigerant	1.2 kg		
Certification Date	12.11.2021		
Testing basis	European KEYMARK Scheme for Heat Pumps (v9)		



Model: AWHPR 6 MR CHAPPEE + Mod.Int. N-DUO 4-8/E R32

Configure model		
Model name	AWHPR 6 MR CHAPPEE + Mod.Int. N-DUO 4-8/E R32	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional) +7°C/12°C and +18°C/+23°C		

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	6.40 kW	5.70 kW
El input	1.28 kW	1.97 kW
СОР	5.00	2.90

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

Cooling





EN 14511-2		
	+7°C/+12°C	+18°C/+23°C
El input	2.30 kW	1.43 kW
Cooling capacity	6.50	7.00
EER	2.83	4.88

EN 14825





	+7°C/+12°C	+18°C/+23°C
Pdesignc	6.50 kW	7.00 kW
SEER	3.95	5.99
Pdc Tj = 35°C	6.50 kW	7.00 kW
EER Tj = 35°C	2.83	4.88
Pdc Tj = 30°C	4.90 kW	5.39 kW
EER Tj = 30°C	3.99	6.65
Cdc	0.990	0.980
Pdc Tj = 25°C	3.10 kW	3.32 kW
EER Tj = 25°C	4.55	4.93
Cdc	0.980	0.980
Pdc Tj = 20°C	1.37 kW	1.78 kW
EER Tj = 20°C	3.96	9.48
Cdc	0.960	0.930
Poff	15 W	15 W
РТО	15 W	15 W
PSB	15 W	15 W
PCK	o w	o w
Annual energy consumption Qce	987 kWh	701 kWh



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	31 dB(A)	31 dB(A)
Sound power level outdoor	57 dB(A)	57 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	177 %	132 %
Prated	6.50 kW	6.00 kW
SCOP	4.50	3.37
Tbiv	-10 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.90 kW	5.50 kW
COP Tj = -7°C	3.16	2.22
Cdh Tj = -7 °C	0.990	0.990
Pdh Tj = $+2$ °C	3.50 kW	3.40 kW
COP Tj = +2°C	4.48	3.37
Cdh Tj = +2 °C	0.980	0.980
Pdh Tj = $+7^{\circ}$ C	2.30 kW	2.10 kW
COP Tj = +7°C	5.61	4.07
Cdh Tj = +7 °C	0.960	0.970





Pdh Tj = 12°C	2.50 kW	2.50 kW
COP Tj = 12°C	6.92	6.58
Cdh Tj = +12 °C	0.960	0.970
Pdh Tj = Tbiv	6.50 kW	5.50 kW
COP Tj = Tbiv	2.68	2.22
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.50 kW	5.30 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.68	1.82
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.990	0.990
WTOL	60 °C	60 °C
Poff	15 W	15 W
РТО	15 W	15 W
PSB	15 W	15 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.70 kW
Annual energy consumption Qhe	2986 kWh	3679 kWh

Domestic Hot Water (DHW)





EN 16147	
Declared load profile	L
Efficiency ηDHW	128 %
СОР	3.07
Heating up time	01:32 h:min
Standby power input	28.3 W
Reference hot water temperature	54.1 °C
Mixed water at 40°C	255 I



Model: AWHPR 6 MR CHAPPEE + Mod.Int. N-DUO 4-8/H R32

Configure model		
Model name	AWHPR 6 MR CHAPPEE + Mod.Int. N-DUO 4-8/H R32	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C and +18°C/+23°C	

General Data		
Power supply 1x230V 50Hz		

Heating

EN 14511-2			
Low temperature Medium temperature			
Heat output	6.40 kW	5.70 kW	
El input	1.28 kW	1.97 kW	
СОР	5.00	2.90	

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

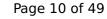
Cooling





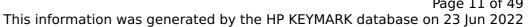
EN 14511-2		
	+7°C/+12°C	+18°C/+23°C
El input	2.30 kW	1.43 kW
Cooling capacity	6.50	7.00
EER	2.83	4.88

EN 14825





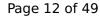
	+7°C/+12°C	+18°C/+23°C
Pdesignc	6.50 kW	7.00 kW
SEER	3.95	5.99
Pdc Tj = 35°C	6.50 kW	7.00 kW
EER Tj = 35°C	2.83	4.88
Pdc Tj = 30°C	4.90 kW	5.39 kW
EER Tj = 30°C	3.99	6.65
Cdc	0.990	0.980
Pdc Tj = 25°C	3.10 kW	3.32 kW
EER Tj = 25°C	4.55	4.93
Cdc	0.980	0.980
Pdc Tj = 20°C	1.37 kW	1.78 kW
EER Tj = 20°C	3.96	9.48
Cdc	0.960	0.930
Poff	15 W	15 W
РТО	15 W	15 W
PSB	15 W	15 W
PCK	o w	o w
Annual energy consumption Qce	987 kWh	701 kWh





EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	31 dB(A)	31 dB(A)
Sound power level outdoor	57 dB(A)	57 dB(A)

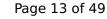
EN 14825		
	Low temperature	Medium temperature
η_{s}	177 %	132 %
Prated	6.50 kW	6.00 kW
SCOP	4.50	3.37
Tbiv	-10 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.90 kW	5.50 kW
COP Tj = -7°C	3.16	2.22
Cdh Tj = -7 °C	0.990	0.990
Pdh Tj = +2°C	3.50 kW	3.40 kW
COP Tj = +2°C	4.48	3.37
Cdh Tj = +2 °C	0.980	0.980
Pdh Tj = +7°C	2.30 kW	2.10 kW
COP Tj = +7°C	5.61	4.07
Cdh Tj = +7 °C	0.960	0.970





		Title database on 25 jan 2021
Pdh Tj = 12°C	2.50 kW	2.50 kW
COP Tj = 12°C	6.92	6.58
Cdh Tj = +12 °C	0.960	0.970
Pdh Tj = Tbiv	6.50 kW	5.50 kW
COP Tj = Tbiv	2.68	2.22
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.50 kW	5.30 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.68	1.82
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.990	0.990
WTOL	60 °C	60 °C
Poff	15 W	15 W
PTO	15 W	15 W
PSB	15 W	15 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.70 kW
Annual energy consumption Qhe	2986 kWh	3679 kWh

Domestic Hot Water (DHW)





EN 16147		
Declared load profile	L	
Efficiency ηDHW	128 %	
СОР	3.07	
Heating up time	01:32 h:min	
Standby power input	28.3 W	
Reference hot water temperature	54.1 °C	
Mixed water at 40°C	255 I	



Model: AWHPR 6 MR CHAPPEE + Mod.Int. N-DUO 4-8/E R32

Configure model		
Model name AWHPR 6 MR CHAPPEE + Mod.Int. N-DUO 4-8/E R32		
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C and +18°C/+23°C	

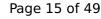
General Data		
Power supply 1x230V 50Hz		

Heating

EN 14511-2			
Low temperature Medium temperature			
Heat output	6.40 kW	5.70 kW	
El input	1.28 kW	1.97 kW	
СОР	5.00	2.90	

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

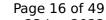
Cooling





EN 14511-2			
+7°C/+12°C +18°C/+23°C			
El input	2.30 kW	1.43 kW	
Cooling capacity	6.50	7.00	
EER	2.83	4.88	

EN 14825



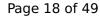


This information was generated by the HP KETMARK database on 23 jun		
	+7°C/+12°C	+18°C/+23°C
Pdesignc	6.50 kW	7.00 kW
SEER	3.95	5.99
Pdc Tj = 35°C	6.50 kW	7.00 kW
EER Tj = 35°C	2.83	4.88
Pdc Tj = 30°C	4.90 kW	5.39 kW
EER Tj = 30°C	3.99	6.65
Cdc	0.990	0.980
Pdc Tj = 25°C	3.10 kW	3.32 kW
EER Tj = 25°C	4.55	4.93
Cdc	0.980	0.980
Pdc Tj = 20°C	1.37 kW	1.78 kW
EER Tj = 20°C	3.96	9.48
Cdc	0.960	0.930
Poff	15 W	15 W
РТО	15 W	15 W
PSB	15 W	15 W
РСК	0 W	0 W
Annual energy consumption Qce	987 kWh	701 kWh



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	31 dB(A)	31 dB(A)
Sound power level outdoor	57 dB(A)	57 dB(A)

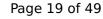
EN 14825		
	Low temperature	Medium temperature
η_{s}	177 %	132 %
Prated	6.50 kW	6.00 kW
SCOP	4.50	3.37
Tbiv	-10 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.90 kW	5.50 kW
COP Tj = -7°C	3.16	2.22
Cdh Tj = -7 °C	0.990	0.990
Pdh Tj = +2°C	3.50 kW	3.40 kW
COP Tj = +2°C	4.48	3.37
Cdh Tj = +2 °C	0.980	0.980
Pdh Tj = +7°C	2.30 kW	2.10 kW
COP Tj = +7°C	5.61	4.07
Cdh Tj = +7 °C	0.960	0.970





-	
2.50 kW	2.50 kW
6.92	6.58
0.960	0.970
6.50 kW	5.50 kW
2.68	2.22
6.50 kW	5.30 kW
2.68	1.82
0.990	0.990
60 °C	60 °C
15 W	15 W
15 W	15 W
15 W	15 W
0 W	0 W
Electricity	Electricity
0.00 kW	0.70 kW
2986 kWh	3679 kWh
	6.92 0.960 6.50 kW 2.68 6.50 kW 2.68 0.990 60 °C 15 W 15 W 0 W Electricity 0.00 kW

Domestic Hot Water (DHW)





EN 16147	
Declared load profile	М
Efficiency ηDHW	122 %
СОР	2.88
Heating up time	01:32 h:min
Standby power input	20.4 W
Reference hot water temperature	54.2 °C
Mixed water at 40°C	261



Model: AWHPR 6 MR CHAPPEE + Mod.Int. N-DUO 4-8/H R32

Configure model		
Model name	AWHPR 6 MR CHAPPEE + Mod.Int. N-DUO 4-8/H R32	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C and +18°C/+23°C	

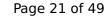
General Data		
Power supply 1x230V 50Hz		

Heating

EN 14511-2			
	Low temperature	Medium temperature	
Heat output	6.40 kW	5.70 kW	
El input	1.28 kW	1.97 kW	
СОР	5.00	2.90	

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

Cooling





EN 14511-2			
+7°C/+12°C +18°C/+23°C			
El input	2.30 kW	1.43 kW	
Cooling capacity	6.50	7.00	
EER	2.83	4.88	

EN 14825





	+7°C/+12°C	+18°C/+23°C
Pdesignc	6.50 kW	7.00 kW
SEER	3.95	5.99
Pdc Tj = 35°C	6.50 kW	7.00 kW
EER Tj = 35°C	2.83	4.88
Pdc Tj = 30°C	4.90 kW	5.39 kW
EER Tj = 30°C	3.99	6.65
Cdc	0.990	0.980
Pdc Tj = 25°C	3.10 kW	3.32 kW
EER Tj = 25°C	4.55	4.93
Cdc	0.980	0.980
Pdc Tj = 20°C	1.37 kW	1.78 kW
EER Tj = 20°C	3.96	9.48
Cdc	0.960	0.930
Poff	15 W	15 W
РТО	15 W	15 W
PSB	15 W	15 W
PCK	o w	o w
Annual energy consumption Qce	987 kWh	701 kWh



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	31 dB(A)	31 dB(A)
Sound power level outdoor	57 dB(A)	57 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	177 %	132 %
Prated	6.50 kW	6.00 kW
SCOP	4.50	3.37
Tbiv	-10 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.90 kW	5.50 kW
COP Tj = -7°C	3.16	2.22
Cdh Tj = -7 °C	0.990	0.990
Pdh Tj = $+2$ °C	3.50 kW	3.40 kW
COP Tj = +2°C	4.48	3.37
Cdh Tj = +2 °C	0.980	0.980
Pdh Tj = $+7^{\circ}$ C	2.30 kW	2.10 kW
COP Tj = +7°C	5.61	4.07
Cdh Tj = +7 °C	0.960	0.970





Pdh Tj = 12°C	2.50 kW	2.50 kW
COP Tj = 12°C	6.92	6.58
Cdh Tj = +12 °C	0.960	0.970
Pdh Tj = Tbiv	6.50 kW	5.50 kW
COP Tj = Tbiv	2.68	2.22
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.50 kW	5.30 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.68	1.82
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.990	0.990
WTOL	60 °C	60 °C
Poff	15 W	15 W
РТО	15 W	15 W
PSB	15 W	15 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.70 kW
Annual energy consumption Qhe	2986 kWh	3679 kWh

Domestic Hot Water (DHW)





EN 16147	
Declared load profile	М
Efficiency ηDHW	122 %
СОР	2.88
Heating up time	01:32 h:min
Standby power input	20.4 W
Reference hot water temperature	54.2 °C
Mixed water at 40°C	261

Model: AWHPR 8 MR CHAPPEE + Mod.Int. N-DUO 4-8/E R32

Configure model		
Model name	AWHPR 8 MR CHAPPEE + Mod.Int. N-DUO 4-8/E R32	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility Yes		
Cooling mode application (optional) +7°C/12°C and +18°C/+23°C		

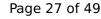
General Data		
Power supply 1x230V 50Hz		

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	7.67 kW	8.18 kW
El input	1.62 kW	2.88 kW
СОР	4.73	2.84

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

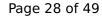
Cooling





EN 14511-2		
	+7°C/+12°C	+18°C/+23°C
El input	2.33 kW	1.45 kW
Cooling capacity	6.50	7.10
EER	2.79	4.88

EN 14825





	+7°C/+12°C	+18°C/+23°C
Pdesignc	6.50 kW	7.10 kW
SEER	4.32	5.82
Pdc Tj = 35°C	6.50 kW	7.10 kW
EER Tj = 35°C	2.79	4.88
Pdc Tj = 30°C	4.97 kW	5.65 kW
EER Tj = 30°C	3.96	6.71
Cdc	0.990	0.990
Pdc Tj = 25°C	3.35 kW	3.18 kW
EER Tj = 25°C	4.74	5.26
Cdc	0.980	0.980
Pdc Tj = 20°C	1.55 kW	1.67 kW
EER Tj = 20°C	5.50	7.40
Cdc	0.950	0.930
Poff	15 W	15 W
РТО	15 W	15 W
PSB	15 W	15 W
PCK	o w	o w
Annual energy consumption Qce	904 kWh	732 kWh



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	32 dB(A)	32 dB(A)
Sound power level outdoor	59 dB(A)	59 dB(A)

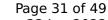
EN 14825		
	Low temperature	Medium temperature
η_{s}	176 %	125 %
Prated	7.00 kW	7.00 kW
SCOP	4.48	3.21
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.06 kW	6.19 kW
COP Tj = -7°C	2.97	1.95
Cdh Tj = -7 °C	0.990	0.990
Pdh Tj = +2°C	4.12 kW	3.79 kW
COP Tj = +2°C	4.46	3.24
Cdh Tj = +2 °C	0.980	0.990
Pdh Tj = +7°C	2.78 kW	2.49 kW
COP Tj = +7°C	5.70	4.10
Cdh Tj = +7 °C	0.970	0.970





2.67 kW	2.55 kW
7.80	6.10
0.960	0.960
6.06 kW	6.19 kW
2.97	1.95
6.64 kW	4.90 kW
2.58	1.66
0.990	0.990
60 °C	60 °C
15 W	15 W
15 W	15 W
15 W	15 W
0 W	0 W
Electricity	Electricity
0.36 kW	2.10 kW
3225 kWh	4504 kWh
	7.80 0.960 6.06 kW 2.97 6.64 kW 2.58 0.990 60 °C 15 W 15 W 15 W 0 W Electricity 0.36 kW

Domestic Hot Water (DHW)





EN 16147		
Declared load profile	L	
Efficiency ηDHW	125 %	
СОР	2.99	
Heating up time	01:41 h:min	
Standby power input	30.0 W	
Reference hot water temperature	54.9 °C	
Mixed water at 40°C	264	



Model: AWHPR 8 MR CHAPPEE + Mod.Int. N-DUO 4-8/H R32

Configure model		
Model name	AWHPR 8 MR CHAPPEE + Mod.Int. N-DUO 4-8/H R32	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C and +18°C/+23°C	

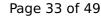
General Data		
Power supply	1x230V 50Hz	

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	7.67 kW	8.18 kW
El input	1.62 kW	2.88 kW
СОР	4.73	2.84

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

Cooling





EN 14511-2		
	+7°C/+12°C	+18°C/+23°C
El input	2.33 kW	1.45 kW
Cooling capacity	6.50	7.10
EER	2.79	4.88

EN 14825



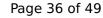


	+7°C/+12°C	+18°C/+23°C
Pdesignc	6.50 kW	7.10 kW
SEER	4.32	5.82
Pdc Tj = 35°C	6.50 kW	7.10 kW
EER Tj = 35°C	2.79	4.88
Pdc Tj = 30°C	4.97 kW	5.65 kW
EER Tj = 30°C	3.96	6.71
Cdc	0.990	0.990
Pdc Tj = 25°C	3.35 kW	3.18 kW
EER Tj = 25°C	4.74	5.26
Cdc	0.980	0.980
Pdc Tj = 20°C	1.55 kW	1.67 kW
EER Tj = 20°C	5.50	7.40
Cdc	0.950	0.930
Poff	15 W	15 W
РТО	15 W	15 W
PSB	15 W	15 W
PCK	0 W	o w
Annual energy consumption Qce	904 kWh	732 kWh



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	32 dB(A)	32 dB(A)
Sound power level outdoor	59 dB(A)	59 dB(A)

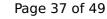
EN 14825		
	Low temperature	Medium temperature
η_{S}	176 %	125 %
Prated	7.00 kW	7.00 kW
SCOP	4.48	3.21
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7° C	6.06 kW	6.19 kW
COP Tj = -7° C	2.97	1.95
Cdh Tj = -7 °C	0.990	0.990
Pdh Tj = $+2$ °C	4.12 kW	3.79 kW
COP Tj = +2°C	4.46	3.24
Cdh Tj = +2 °C	0.980	0.990
Pdh Tj = $+7^{\circ}$ C	2.78 kW	2.49 kW
$COP Tj = +7^{\circ}C$	5.70	4.10
Cdh Tj = +7 °C	0.970	0.970





Pdh Tj = 12°C	2.67 kW	2.55 kW
COP Tj = 12°C	7.80	6.10
Cdh Tj = +12 °C	0.960	0.960
Pdh Tj = Tbiv	6.06 kW	6.19 kW
COP Tj = Tbiv	2.97	1.95
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.64 kW	4.90 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.58	1.66
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.990	0.990
WTOL	60 °C	60 °C
Poff	15 W	15 W
РТО	15 W	15 W
PSB	15 W	15 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.36 kW	2.10 kW
Annual energy consumption Qhe	3225 kWh	4504 kWh

Domestic Hot Water (DHW)





EN 16147	
Declared load profile	L
Efficiency ηDHW	125 %
СОР	2.99
Heating up time	01:41 h:min
Standby power input	30.0 W
Reference hot water temperature	54.9 °C
Mixed water at 40°C	264

Model: AWHPR 8 MR CHAPPEE + Mod.Int. N-DUO 4-8/E R32

Configure model		
Model name	AWHPR 8 MR CHAPPEE + Mod.Int. N-DUO 4-8/E R32	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility Yes		
Cooling mode application (optional)	+7°C/12°C and +18°C/+23°C	

General Data		
Power supply	1x230V 50Hz	

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	7.67 kW	8.18 kW
El input	1.62 kW	2.88 kW
СОР	4.73	2.84

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

Cooling

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EN 14511-2		
	+7°C/+12°C	+18°C/+23°C
El input	2.33 kW	1.45 kW
Cooling capacity	6.50	7.10
EER	2.79	4.88

EN 14825





	+7°C/+12°C	+18°C/+23°C
Pdesignc	6.50 kW	7.10 kW
SEER	4.32	5.82
Pdc Tj = 35°C	6.50 kW	7.10 kW
EER Tj = 35°C	2.79	4.88
Pdc Tj = 30°C	4.97 kW	5.65 kW
EER Tj = 30°C	3.96	6.71
Cdc	0.990	0.990
Pdc Tj = 25°C	3.35 kW	3.18 kW
EER Tj = 25°C	4.74	5.26
Cdc	0.980	0.980
Pdc Tj = 20°C	1.55 kW	1.67 kW
EER Tj = 20°C	5.50	7.40
Cdc	0.950	0.930
Poff	15 W	15 W
РТО	15 W	15 W
PSB	15 W	15 W
РСК	o w	o w
Annual energy consumption Qce	904 kWh	732 kWh



CEN heat pump KEYMARK

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	32 dB(A)	32 dB(A)
Sound power level outdoor	59 dB(A)	59 dB(A)

	EN 14825	
	Low temperature	Medium temperature
η_{s}	176 %	125 %
Prated	7.00 kW	7.00 kW
SCOP	4.48	3.21
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.06 kW	6.19 kW
COP Tj = -7°C	2.97	1.95
Cdh Tj = -7 °C	0.990	0.990
Pdh Tj = +2°C	4.12 kW	3.79 kW
COP Tj = +2°C	4.46	3.24
Cdh Tj = +2 °C	0.980	0.990
Pdh Tj = +7°C	2.78 kW	2.49 kW
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Cdh Tj = +7 °C	0.970	0.970

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2.67 kW	2.55 kW
7.80	6.10
0.960	0.960
6.06 kW	6.19 kW
2.97	1.95
6.64 kW	4.90 kW
2.58	1.66
0.990	0.990
60 °C	60 °C
15 W	15 W
15 W	15 W
15 W	15 W
0 W	0 W
Electricity	Electricity
0.36 kW	2.10 kW
3225 kWh	4504 kWh
	7.80 0.960 6.06 kW 2.97 6.64 kW 2.58 0.990 60 °C 15 W 15 W 15 W 0 W Electricity 0.36 kW

Domestic Hot Water (DHW)





EN 16147	
Declared load profile	М
Efficiency ηDHW	121 %
СОР	2.84
Heating up time	01:41 h:min
Standby power input	22.0 W
Reference hot water temperature	55.2 °C
Mixed water at 40°C	272 I



Model: AWHPR 8 MR CHAPPEE + Mod.Int. N-DUO 4-8/H R32

Configure model		
Model name	AWHPR 8 MR CHAPPEE + Mod.Int. N-DUO 4-8/H R32	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C and +18°C/+23°C	

General Data		
Power supply	1x230V 50Hz	

Heating

EN 14511-2			
	Low temperature	Medium temperature	
Heat output	7.67 kW	8.18 kW	
El input	1.62 kW	2.88 kW	
СОР	4.73	2.84	

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

Cooling





EN 14511-2		
	+7°C/+12°C	+18°C/+23°C
El input	2.33 kW	1.45 kW
Cooling capacity	6.50	7.10
EER	2.79	4.88

EN 14825





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Annual energy consumption Qce	904 kWh	732 kWh



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WTOL	60 °C	60 °C
Poff	15 W	15 W
РТО	15 W	15 W
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PCK	0 W	0 W
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