

<u>Login</u>			
Summary of	DE DIETRICH Alezio S R32 6/8 MR & Alezio S Compact R32 6/8 MR	Reg. No.	21HK0022/00
Certificate Holder			
Name	BDR Thermea FR (DE DIETRICH)		
Address	57 rue de la Gare	Zip	67580
City	Mertzwiller	Country	France
Certification Body	Kiwa Nederland B.V.		
Subtype title	DE DIETRICH Alezio S R32 6/8 MR & Alezio S Compact R32 6/8 MR		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R32		
Mass of Refrigerant	1.2 kg		
Certification Date	03.12.2021		
Testing basis	European KEYMARK Scheme for Heat Pumps (v9)		



Model: AWHPR 6 MR + MIV-S 4-8/EM R32

Configure model		
Model name	AWHPR 6 MR + MIV-S 4-8/EM R32	
Application	Heating (medium temp)	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C and +18°C/+23°C	

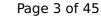
General Data		
Power supply	1x230V 50Hz	

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	2.10 kW	1.36 kW	
Cooling capacity	6.50	7.00	
EER	3.09	5.14	



EN 14825			
	+7°C/+12°C	+18°C/+23°C	
Pdesignc	6.50 kW	7.00 kW	
SEER	4.01	6.49	
Pdc Tj = 35°C	6.50 kW	7.00 kW	
EER Tj = 35°C	3.09	5.14	
Pdc Tj = 30°C	4.90 kW	5.39 kW	
EER Tj = 30°C	3.99	6.65	
Pdc Tj = 25°C	3.10 kW	3.32 kW	
EER Tj = 25°C	4.55	4.93	
Pdc Tj = 20°C	1.37 kW	1.78 kW	
EER Tj = 20°C	3.96	12.82	
Poff	12 W	12 W	
РТО	12 W	12 W	
PSB	12 W	12 W	
PCK	0 W	0 W	
Annual energy consumption Qce	973 kWh	647 kWh	



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	33 dB(A)	33 dB(A)
Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	178 %	132 %
Prated	6.50 kW	6.00 kW
SCOP	4.52	3.38
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	2.25 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	6.60 kW	5.50 kW
COP Tj = Tbiv	2.68	2.22
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.60 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	12 W	12 W
РТО	12 W	12 W
PSB	12 W	12 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	n/a	n/a
Supplementary Heater: PSUP	0.00 kW	0.70 kW
Annual energy consumption Qhe	2974 kWh	3667 kWh



Model: AWHPR 6 MR + MIV-S 4-8/EM R32 + HPSL180 EVO

Configure model		
Model name	AWHPR 6 MR + MIV-S 4-8/EM R32 + HPSL180 EVO	
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		

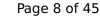
General Data		
Power supply	1x230V 50Hz	

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	2.10 kW	1.36 kW
Cooling capacity	6.50	7.00
EER	3.09	5.14



EN 14825			
	+7°C/+12°C	+18°C/+23°C	
Pdesignc	6.50 kW	7.00 kW	
SEER	4.01	6.49	
Pdc Tj = 35°C	6.50 kW	7.00 kW	
EER Tj = 35°C	3.09	5.14	
Pdc Tj = 30°C	4.90 kW	5.39 kW	
EER Tj = 30°C	3.99	6.65	
Pdc Tj = 25°C	3.10 kW	3.32 kW	
EER Tj = 25°C	4.55	4.93	
Pdc Tj = 20°C	1.37 kW	1.78 kW	
EER Tj = 20°C	3.96	12.82	
Poff	12 W	12 W	
PTO	12 W	12 W	
PSB	12 W	12 W	
PCK	0 W	0 W	
Annual energy consumption Qce	973 kWh	647 kWh	



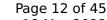
EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	33 dB(A)	33 dB(A)
Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	178 %	132 %
Prated	6.50 kW	6.00 kW
SCOP	4.52	3.38
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	2.25 kW	2.10 kW
COP Tj = +7°C	5.61	4.07
Cdh Tj = +7 °C	0.960	0.970



This mornation was generated by the fir RETAINAN database on 10 Mai 2022				
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	6.60 kW	5.50 kW		
COP Tj = Tbiv	2.68	2.22		
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.60 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	12 W	12 W		
PTO	12 W	12 W		
PSB	12 W	12 W		
PCK	0 W	0 W		
Supplementary Heater: Type of energy input	n/a	n/a		
Supplementary Heater: PSUP	0.00 kW	0.70 kW		
Annual energy consumption Qhe	2974 kWh	3667 kWh		

Domestic Hot Water (DHW)





EN 16147		
Declared load profile	M	
Efficiency ηDHW	111 %	
СОР	2.59	
Heating up time	01:25 h:min	
Standby power input	25.4 W	
Reference hot water temperature	53.1 °C	
Mixed water at 40°C	250 l	



Model: AWHPR 6 MR + MIV-S 4-8/EM R32 + HPSL180 EVO

Configure model		
Model name	AWHPR 6 MR + MIV-S 4-8/EM R32 + HPSL180 EVO	
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		

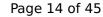
General Data		
Power supply	1x230V 50Hz	

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	2.10 kW	1.36 kW	
Cooling capacity	6.50	7.00	
EER	3.09	5.14	



EN 14825		
	+7°C/+12°C	+18°C/+23°C
Pdesignc	6.50 kW	7.00 kW
SEER	4.01	6.49
Pdc Tj = 35°C	6.50 kW	7.00 kW
EER Tj = 35°C	3.09	5.14
Pdc Tj = 30°C	4.90 kW	5.39 kW
EER Tj = 30°C	3.99	6.65
Pdc Tj = 25°C	3.10 kW	3.32 kW
EER Tj = 25°C	4.55	4.93
Pdc Tj = 20°C	1.37 kW	1.78 kW
EER Tj = 20°C	3.96	12.82
Poff	12 W	12 W
PTO	12 W	12 W
PSB	12 W	12 W
PCK	0 W	0 W
Annual energy consumption Qce	973 kWh	647 kWh



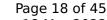
EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	33 dB(A)	33 dB(A)
Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	178 %	132 %
Prated	6.50 kW	6.00 kW
SCOP	4.52	3.38
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	2.25 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	6.60 kW	5.50 kW
COP Tj = Tbiv	2.68	2.22
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.60 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	12 W	12 W
РТО	12 W	12 W
PSB	12 W	12 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	n/a	n/a
Supplementary Heater: PSUP	0.00 kW	0.70 kW
Annual energy consumption Qhe	2974 kWh	3667 kWh

Domestic Hot Water (DHW)





EN 16147	
Declared load profile	L
Efficiency ηDHW	124 %
СОР	2.98
Heating up time	01:25 h:min
Standby power input	28.1 W
Reference hot water temperature	53.1 °C
Mixed water at 40°C	250 I



Model: AWHPR 6 MR + MIV-S 4-8/H R32

Configure model		
Model name	AWHPR 6 MR + MIV-S 4-8/H R32	
Application	Heating (medium 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	2.10 kW	1.36 kW	
Cooling capacity	6.50	7.00	
EER	3.09	5.14	



EN 14825		
	+7°C/+12°C	+18°C/+23°C
Pdesignc	6.50 kW	7.00 kW
SEER	4.01	6.49
Pdc Tj = 35°C	6.50 kW	7.00 kW
EER Tj = 35°C	3.09	5.14
Pdc Tj = 30°C	4.90 kW	5.39 kW
EER Tj = 30°C	3.99	6.65
Pdc Tj = 25°C	3.10 kW	3.32 kW
EER Tj = 25°C	4.55	4.93
Pdc Tj = 20°C	1.37 kW	1.78 kW
EER Tj = 20°C	3.96	12.82
Poff	12 W	12 W
PTO	12 W	12 W
PSB	12 W	12 W
PCK	0 W	0 W
Annual energy consumption Qce	973 kWh	647 kWh



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	33 dB(A)	33 dB(A)
Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825		
Low temperature	Medium temperature	
178 %	132 %	
6.50 kW	6.00 kW	
4.52	3.38	
-10 °C	-7 °C	
-10 °C	-10 °C	
5.90 kW	5.50 kW	
3.16	2.22	
0.990	0.990	
3.50 kW	3.40 kW	
4.48	3.37	
0.980	0.980	
2.25 kW	2.10 kW	
5.61	4.07	
0.960	0.970	
	Low temperature 178 % 6.50 kW 4.52 -10 °C -10 °C 5.90 kW 3.16 0.990 3.50 kW 4.48 0.980 2.25 kW 5.61	



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	6.60 kW	5.50 kW
COP Tj = Tbiv	2.68	2.22
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.60 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	12 W	12 W
РТО	12 W	12 W
PSB	12 W	12 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	n/a	n/a
Supplementary Heater: PSUP	0.00 kW	0.70 kW
Annual energy consumption Qhe	2974 kWh	3667 kWh



Model: AWHPR 8 MR + MIV-S 4-8/EM R32

Configure model		
Model name	AWHPR 8 MR + MIV-S 4-8/EM R32	
Application	Heating (medium temp)	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C and +18°C/+23°C	

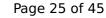
General Data	
Power supply 1x230V 50Hz	

Heating

EN 14511-2				
Low temperature Medium temperature				
Heat output	7.60 kW	8.00 kW		
El input	1.59 kW	2.91 kW		
СОР	4.77	2.75		

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	2.15 kW	1.45 kW	
Cooling capacity	6.50	7.10	
EER	3.02	4.88	



EN 14825			
	+7°C/+12°C	+18°C/+23°C	
Pdesignc	6.50 kW	7.10 kW	
SEER	4.43	5.89	
Pdc Tj = 35°C	6.50 kW	7.10 kW	
EER Tj = 35°C	3.02	4.88	
Pdc Tj = 30°C	4.97 kW	5.65 kW	
EER Tj = 30°C	4.12	6.81	
Pdc Tj = 25°C	3.35 kW	3.18 kW	
EER Tj = 25°C	4.74	5.26	
Pdc Tj = 20°C	1.55 kW	1.67 kW	
EER Tj = 20°C	5.50	7.40	
Poff	12 W	12 W	
РТО	12 W	12 W	
PSB	12 W	12 W	
PCK	o w	0 W	
Annual energy consumption Qce	881 kWh	723 kWh	



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	33 dB(A)	33 dB(A)
Sound power level outdoor	59 dB(A)	59 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	177 %	131 %
Prated	7.00 kW	7.00 kW
SCOP	4.50	3.34
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7° C	6.19 kW	6.19 kW
COP Tj = -7° C	2.97	2.09
Cdh Tj = -7 °C	0.990	0.990
Pdh Tj = $+2$ °C	4.12 kW	3.79 kW
$COP Tj = +2^{\circ}C$	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	4.57
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	6.19 kW	6.19 kW
COP Tj = Tbiv	2.97	2.09
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	12 W	12 W
РТО	12 W	12 W
PSB	12 W	12 W
PCK	o w	o w
Supplementary Heater: Type of energy input	n/a	n/a
Supplementary Heater: PSUP	0.36 kW	2.10 kW
Annual energy consumption Qhe	3213 kWh	4334 kWh



Model: AWHPR 8 MR + MIV-S 4-8/EM R32 + HPSL180 EVO

Configure model		
Model name	AWHPR 8 MR + MIV-S 4-8/EM R32 + HPSL180 EVO	
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	7.60 kW	8.00 kW
El input	1.59 kW	2.91 kW
СОР	4.77	2.75

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	2.15 kW	1.45 kW
Cooling capacity	6.50	7.10
EER	3.02	4.88



EN 14825		
	+7°C/+12°C	+18°C/+23°C
Pdesignc	6.50 kW	7.10 kW
SEER	4.43	5.89
Pdc Tj = 35°C	6.50 kW	7.10 kW
EER Tj = 35°C	3.02	4.88
Pdc Tj = 30°C	4.97 kW	5.65 kW
EER Tj = 30°C	4.12	6.81
Pdc Tj = 25°C	3.35 kW	3.18 kW
EER Tj = 25°C	4.74	5.26
Pdc Tj = 20°C	1.55 kW	1.67 kW
EER Tj = 20°C	5.50	7.40
Poff	12 W	12 W
РТО	12 W	12 W
PSB	12 W	12 W
PCK	0 W	0 W
Annual energy consumption Qce	881 kWh	723 kWh



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	33 dB(A)	33 dB(A)
Sound power level outdoor	59 dB(A)	59 dB(A)

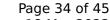
EN 14825			
	Low temperature	Medium temperature	
η_{s}	177 %	131 %	
Prated	7.00 kW	7.00 kW	
SCOP	4.50	3.34	
Tbiv	-7 °C	-7 °C	
TOL	-10 °C	-10 °C	
Pdh Tj = -7°C	6.19 kW	6.19 kW	
COP Tj = -7°C	2.97	2.09	
Cdh Tj = -7 °C	0.990	0.990	
Pdh Tj = +2°C	4.12 kW	3.79 kW	
COP Tj = +2°C	4.46	3.24	
Cdh Tj = +2 °C	0.980	0.990	
Pdh Tj = +7°C	2.78 kW	2.49 kW	
COP Tj = +7°C	5.70	4.57	
Cdh Tj = +7 °C	0.970	0.970	

Page 33 of 45

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

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	6.19 kW	6.19 kW
COP Tj = Tbiv	2.97	2.09
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	12 W	12 W
РТО	12 W	12 W
PSB	12 W	12 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	n/a	n/a
Supplementary Heater: PSUP	0.36 kW	2.10 kW
Annual energy consumption Qhe	3213 kWh	4334 kWh

Domestic Hot Water (DHW)





EN 16147	
Declared load profile	М
Efficiency ηDHW	111 %
СОР	2.59
Heating up time	01:25 h:min
Standby power input	25.4 W
Reference hot water temperature	53.1 °C
Mixed water at 40°C	250 I



Model: AWHPR 8 MR + MIV-S 4-8/EM R32 + HPSL180 EVO

Configure model		
Model name	AWHPR 8 MR + MIV-S 4-8/EM R32 + HPSL180 EVO	
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	

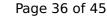
	General Data	
Power supply	1x230V 50Hz	

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	7.60 kW	8.00 kW
El input	1.59 kW	2.91 kW
СОР	4.77	2.75

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	2.15 kW	1.45 kW
Cooling capacity	6.50	7.10
EER	3.02	4.88



EN 14825			
	+7°C/+12°C	+18°C/+23°C	
Pdesignc	6.50 kW	7.10 kW	
SEER	4.43	5.89	
Pdc Tj = 35°C	6.50 kW	7.10 kW	
EER Tj = 35°C	3.02	4.88	
Pdc Tj = 30°C	4.97 kW	5.65 kW	
EER Tj = 30°C	4.12	6.81	
Pdc Tj = 25°C	3.35 kW	3.18 kW	
EER Tj = 25°C	4.74	5.26	
Pdc Tj = 20°C	1.55 kW	1.67 kW	
EER Tj = 20°C	5.50	7.40	
Poff	12 W	12 W	
РТО	12 W	12 W	
PSB	12 W	12 W	
PCK	0 W	0 W	
Annual energy consumption Qce	881 kWh	723 kWh	



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	33 dB(A)	33 dB(A)
Sound power level outdoor	59 dB(A)	59 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	177 %	131 %
Prated	7.00 kW	7.00 kW
SCOP	4.50	3.34
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.19 kW	6.19 kW
COP Tj = -7°C	2.97	2.09
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	4.57
Cdh Tj = +7 °C	0.970	0.970



Page 39 of 45

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

This information was general		
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	6.19 kW	6.19 kW
COP Tj = Tbiv	2.97	2.09
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	12 W	12 W
РТО	12 W	12 W
PSB	12 W	12 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	n/a	n/a
Supplementary Heater: PSUP	0.36 kW	2.10 kW
Annual energy consumption Qhe	3213 kWh	4334 kWh

Domestic Hot Water (DHW)





EN 16147		
Declared load profile	L	
Efficiency ηDHW	124 %	
СОР	2.98	
Heating up time	01:25 h:min	
Standby power input	28.1 W	
Reference hot water temperature	53.1 °C	
Mixed water at 40°C	250 I	



Model: AWHPR 8 MR + MIV-S 4-8/H R32

Configure model		
Model name	AWHPR 8 MR + MIV-S 4-8/H R32	
Application	Heating (medium 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	7.60 kW	8.00 kW	
El input	1.59 kW	2.91 kW	
СОР	4.77	2.75	

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	2.15 kW	1.45 kW		
Cooling capacity	6.50	7.10		
EER	3.02	4.88		



EN 14825				
	+7°C/+12°C	+18°C/+23°C		
Pdesignc	6.50 kW	7.10 kW		
SEER	4.43	5.89		
Pdc Tj = 35°C	6.50 kW	7.10 kW		
EER Tj = 35°C	3.02	4.88		
Pdc Tj = 30°C	4.97 kW	5.65 kW		
EER Tj = 30°C	4.12	6.81		
Pdc Tj = 25°C	3.35 kW	3.18 kW		
EER Tj = 25°C	4.74	5.26		
Pdc Tj = 20°C	1.55 kW	1.67 kW		
EER Tj = 20°C	5.50	7.40		
Poff	12 W	12 W		
РТО	12 W	12 W		
PSB	12 W	12 W		
PCK	o w	0 W		
Annual energy consumption Qce	881 kWh	723 kWh		



EN 12102-1				
	Low temperature	Medium temperature		
Sound power level indoor	33 dB(A)	33 dB(A)		
Sound power level outdoor	59 dB(A)	59 dB(A)		

EN 14825			
	Low temperature	Medium temperature	
η_{s}	177 %	131 %	
Prated	7.00 kW	7.00 kW	
SCOP	4.50	3.34	
Tbiv	-7 °C	-7 °C	
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Pdh Tj = -7°C	6.19 kW	6.19 kW	
COP Tj = -7°C	2.97	2.09	
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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	4.57	
Cdh Tj = +7 °C	0.970	0.970	



Page 45 of 45

Pdh Tj = 12°C	2.67 kW	2.55 kW
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Cdh Tj = +12 °C	0.960	0.960
Pdh Tj = Tbiv	6.19 kW	6.19 kW
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Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.64 kW	4.90 kW
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WTOL	60 °C	60 °C
Poff	12 W	12 W
РТО	12 W	12 W
PSB	12 W	12 W
PCK	o w	o w
Supplementary Heater: Type of energy input	n/a	n/a
Supplementary Heater: PSUP	0.36 kW	2.10 kW
Annual energy consumption Qhe	3213 kWh	4334 kWh