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Summary of	GENERAL Waterstage Split Comfort Series 8	Reg. No.	012-C700102
Certificate Holder			
Name	Groupe Atlantic		
Address	44 boulevard des Etats-Unis	Zip	85000
City	La Roche Sur Yon	Country	France
Certification Body	RISE CERT		
Subtype title	GENERAL Waterstage Split Comfort Series 8		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R32		
Mass of Refrigerant	1.02 kg		
Certification Date	27.04.2021		
Testing basis	HP Keymark Scheme Rules rev 7		

Model: GENERAL Waterstage Split Comfort Series 8

Configure model	
Model name	GENERAL Waterstage Split Comfort Series 8
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

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	7.50 kW	7.00 kW
El input	1.69 kW	2.63 kW
COP	4.43	2.66

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

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EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	40 dB(A)	40 dB(A)
Sound power level outdoor	60 dB(A)	60 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	177 %	128 %
Prated	6.50 kW	6.20 kW
SCOP	4.50	3.28
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.80 kW	5.50 kW
COP Tj = -7°C	2.70	1.91
Cdh Tj = -7 °C	0.990	1.000
Pdh Tj = +2°C	3.50 kW	3.30 kW
COP Tj = +2°C	4.35	3.18
Cdh Tj = +2 °C	0.980	0.990
Pdh Tj = +7°C	2.30 kW	2.10 kW
COP Tj = +7°C	6.32	4.60
Cdh Tj = +7 °C	0.960	0.970

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Pdh Tj = 12°C	2.50 kW	2.40 kW
COP Tj = 12°C	8.07	6.37
Cdh Tj = +12 °C	0.950	0.960
Pdh Tj = Tbiv	5.80 kW	5.50 kW
COP Tj = Tbiv	2.70	1.91
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.60 kW	5.00 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.35	1.69
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.990	1.000
WTOL	55 °C	55 °C
Poff	4 W	4 W
PTO	14 W	14 W
PSB	10 W	10 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.90 kW	1.20 kW
Annual energy consumption Qhe	2982 kWh	3903 kWh

Model: GENERAL Waterstage Split Comfort Series Integrated DHW 8

Configure model	
Model name	GENERAL Waterstage Split Comfort Series Integrated DHW 8
Application	Heating + DHW + low temp
Units	Indoor + Outdoor
Climate Zone	n/a
Reversibility	No
Cooling mode application (optional)	n/a

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	7.50 kW	7.00 kW
El input	1.69 kW	2.63 kW
COP	4.43	2.66

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

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

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	40 dB(A)	40 dB(A)
Sound power level outdoor	60 dB(A)	60 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	177 %	128 %
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COP Tj = -7°C	2.70	1.91
Cdh Tj = -7 °C	1.000	1.000
Pdh Tj = +2°C	3.50 kW	3.30 kW
COP Tj = +2°C	4.35	3.18
Cdh Tj = +2 °C	1.000	0.990
Pdh Tj = +7°C	2.30 kW	2.10 kW
COP Tj = +7°C	6.32	4.60
Cdh Tj = +7 °C	1.000	0.970

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Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.990	1.000
WTOL	55 °C	55 °C
Poff	4 W	4 W
PTO	14 W	14 W
PSB	10 W	10 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.90 kW	1.20 kW
Annual energy consumption Qhe	2982 kWh	3903 kWh

Domestic Hot Water (DHW)

Average Climate

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EN 16147	
Declared load profile	L
Efficiency η_{DHW}	130 %
COP	3.10
Heating up time	1:35 h:min
Standby power input	30.0 W
Reference hot water temperature	54.0 °C
Mixed water at 40°C	245 l