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Login

Summary of	GENERAL Waterstage Split Comfort Series 8	Reg. No.	012-C700102		
Certificate Holder	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
СОР	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



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 = $+7^{\circ}$ 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
РТО	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
СОР	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

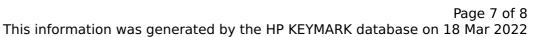
Average Climate



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EN 14825				
	Low temperature	Medium temperature		
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Cdh Tj = +2 °C	1.000	0.990		
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Cdh Tj = +7 °C	1.000	0.970		

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WTOL	55 °C	55 °C
Poff	4 W	4 W
PTO	14 W	14 W
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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





EN 16147			
Declared load profile	L		
Efficiency ηDHW	130 %		
СОР	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 I		