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Summary of	L8 Split	Reg. No.	012-C700071
Certificate Holder			
Name	ait-deutschland G	mbH	
Address	Industriestr. 3	Zip	95359
City	Kasendorf	Country	Germany
Certification Body	RISE CERT	RISE CERT	
Name of testing laboratory	RISE	RISE	
Subtype title	L8 Split	L8 Split	
Heat Pump Type	Outdoor Air/Water	Outdoor Air/Water	
Refrigerant	R410a	R410a	
Mass Of Refrigerant	2.6 kg	2.6 kg	
Certification Date	29.04.2020	29.04.2020	
Testing basis	HP Keymark Schei	HP Keymark Scheme 2018	



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Model: alpha innotec L8 Split-HT 12

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	3.86 kW	3.50 kW
El input	0.83 kW	1.17 kW
СОР	4.65	2.99
Indoor water flow rate	0.66 m³/h	0.37 m³/h

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

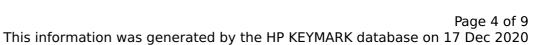


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EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	35 dB(A)	35 dB(A)
Sound power level outdoor	55 dB(A)	55 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	172 %	127 %
Prated	8.20 kW	7.00 kW
SCOP	4.37	3.25
Tbiv	-8 °C	-9 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.40 kW	6.30 kW
COP Tj = -7°C	2.92	1.94
Pdh Tj = +2°C	4.50 kW	3.90 kW
COP Tj = +2°C	4.30	3.11
Pdh Tj = +7°C	2.90 kW	2.60 kW
COP Tj = +7°C	5.41	4.42
Pdh Tj = 12°C	3.50 kW	3.70 kW
COP Tj = 12°C	6.51	5.93
Pdh Tj = Tbiv	7.40 kW	6.60 kW

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COP Tj = Tbiv	2.86	1.83
Pdh Tj = TOL	6.80 kW	5.90 kW
COP Tj = TOL	2.67	1.86
Cdh	0.96	0.97
WTOL	65 °C	65 °C
Poff	2 W	2 W
РТО	15 W	10 W
PSB	15 W	15 W
PCK	30 W	30 W
Supplementary Heater: Type of energy input	electricity	electricity
Supplementary Heater: PSUP	1.40 kW	1.10 kW
Annual energy consumption Qhe	3882 kWh	4447 kWh

Domestic Hot Water (DHW)

CEN heat pump KEYMARK





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EN 16147	
Declared load profile	XL
Efficiency ηDHW	99 %
СОР	2.34
Heating up time	1:20 h:min
Standby power input	85.0 W
Reference hot water temperature	51.0 °C
Mixed water at 40°C	230 I



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Model: NOVELAN L8 Split-CS 12

General Data		
Power supply n/a		

Heating

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El input	0.83 kW	1.17 kW
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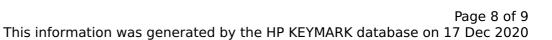


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