This information was generated by the HP KEYMARK database on 17 Dec 2020

Summary of	L6 Split	Reg. No.	012-C700070
Certificate Holder			
Name	ait-deutschland GmbH		
Address	Industriestr. 3	Zip	95359
City	Kasendorf	Country	Germany
Certification Body	RISE CERT		
Name of testing laboratory	RISE		
Subtype title	L6 Split		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R410a		
Mass Of Refrigerant	1.5 kg		
Certification Date	29.04.2020		
Testing basis	HP Keymark Scheme 2018		

Model: alpha innotec L6 Split-HT 6

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-2		
	Low temperature	**Medium temperature**
Heat output	2.42 kW	1.57 kW
El input	0.50 kW	0.76 kW
COP	4.85	2.06
Indoor water flow rate	0.17 m³/h	0.12 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

Average Climate

EN 12102-1		
	Low temperature	**Medium temperature**
Sound power level indoor	35 dB(A)	35 dB(A)
Sound power level outdoor	51 dB(A)	51 dB(A)

EN 14825		
	Low temperature	**Medium temperature**
η_s	188 %	131 %
Prated	4.80 kW	5.30 kW
SCOP	4.77	3.35
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	4.30 kW	4.70 kW
COP Tj = -7°C	2.60	1.88
Pdh Tj = +2°C	2.60 kW	2.80 kW
COP Tj = +2°C	4.84	3.26
Pdh Tj = +7°C	1.70 kW	1.80 kW
COP Tj = +7°C	6.91	4.72
Pdh Tj = 12°C	2.70 kW	2.70 kW
COP Tj = 12°C	7.72	6.47
Pdh Tj = Tbiv	4.30 kW	4.70 kW

COP Tj = Tbiv	2.60	1.88
Pdh Tj = TOL	3.20 kW	4.10 kW
COP Tj = TOL	2.24	1.77
Cdh	0.98	0.99
WTOL	65 °C	65 °C
Poff	7 W	7 W
PTO	12 W	12 W
PSB	12 W	12 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	electricity	electricity
Supplementary Heater: PSUP	1.60 kW	1.20 kW
Annual energy consumption Qhe	2089 kWh	3248 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147

Declared load profile	XL
Efficiency ηDHW	91 %
COP	2.22
Heating up time	01:40 h:min
Mixed water at 40°C	230 l
Standby power input	45.0 W
Reference hot water temperature	51.0 °C

Model: NOVELAN L6 Split-CS 6

General Data	
Power supply	n/a

Heating

EN 14511-2		
	Low temperature	**Medium temperature**
Heat output	2.42 kW	1.57 kW
El input	0.50 kW	0.76 kW
COP	4.85	2.06
Indoor water flow rate	0.17 m³/h	0.12 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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