

Page 1 of 49

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Login

Summary of	NIMBUS/ARIANEXT/AEROTOP/ENERGION 120/150 M - FLEX	Reg. No.	ICIM-PDC-000107
Certificate Holder	Certificate Holder		
Name	Name Ariston Thermo Group		
Address	Viale Aristide Merloni 45	Zip	I-60044
City	Fabriano (AN)	Country	Italy
Certification Body	ICIM S.p.A.		
Subtype title	NIMBUS/ARIANEXT/AEROTOP/ENERGION 120/150 M - FLEX		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R32		
Mass of Refrigerant	2.1 kg		
Certification Date	05.07.2022		



Model: NIMBUS FLEX 120 M NET R32

Configure model		
Model name	NIMBUS FLEX 120 M NET R32	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C	

General Data		
Power supply	1x230V 50Hz	

Heating

COP

4.90

EN 14511-2		
	Low temperature	Medium temperature
Heat output	12.00 kW	7.67 kW
El input	2.45 kW	2.39 kW

3.21

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

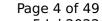
Cooling





EN 14511-2		
	+7°C/+12°C	+18°C/+23°C
El input	2.87 kW	
Cooling capacity	9.05	
EER	3.15	2.93

EN 14825





	+7°C/+12°C
Pdesignc	9.05 kW
SEER	5.40
Pdc Tj = 35°C	9.05 kW
EER Tj = 35°C	3.15
Pdc Tj = 30°C	6.86 kW
EER Tj = 30°C	4.72
Cdc Tj = 30 °C	0.99
Pdc Tj = 25°C	4.31 kW
EER Tj = 25°C	6.14
Cdc Tj = 25 °C	0.98
Pdc Tj = 20°C	4.45 kW
EER Tj = 20°C	7.5
Cdc Tj = 20 °C	0.98
Poff	14 W
РТО	14 W
PSB	14 W
PCK	o w
Annual energy consumption Qce	1541 kWh



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	35 dB(A)	35 dB(A)
Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825		
	Low temperature	Medium temperature
Pdesignh	10.84 kW	9.42 kW
η_{s}	204 %	143 %
Prated	10.84 kW	9.42 kW
SCOP	5.16	3.65
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
Pdh Tj = -7°C	9.59 kW	8.33 kW
COP Tj = -7°C	3.42	2.43
Cdh Tj = -7 °C	0.995	0.996
Pdh Tj = +2°C	5.74 kW	5.47 kW
COP Tj = +2°C	5.10	3.33
Cdh Tj = +2 °C	0.988	0.992
Pdh Tj = +7°C	4.16 kW	3.98 kW
COP Tj = +7°C	6.88	5.04

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guidant and g	<u> </u>	
Cdh Tj = +7 °C	0.978	0.983
Pdh Tj = 12°C	4.71 kW	4.75 kW
COP Tj = 12°C	8.66	6.86
Cdh Tj = +12 °C	0.975	0.980
Pdh Tj = Tbiv	9.59 kW	8.33 kW
COP Tj = Tbiv	3.42	2.43
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	9.11 kW	8.68 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.09	2.11
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.995	0.996
WTOL	60 °C	60 °C
Poff	14 W	14 W
РТО	14 W	14 W
PSB	14 W	14 W
PCK	14 W	14 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.73 kW	0.74 kW
Backup Heater	6.00 kW	6.00 kW
Annual energy consumption Qhe	4338 kWh	5335 kWh

Domestic Hot Water (DHW)



$$\operatorname{Page}\ 7$$ of 49 This information was generated by the HP KEYMARK database on 5 Jul 2022

EN 16147	
Declared load profile	L
Efficiency ηDHW	135 %
СОР	3.20
Heating up time	01:01 h:min
Standby power input	37.0 W
Reference hot water temperature	53 °C
Mixed water at 40°C	256 I



Model: NIMBUS FLEX 120 M-T NET R32

Configure model		
Model name	NIMBUS FLEX 120 M-T NET R32	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional) +7°C/12°C		

General Data		
Power supply 3x400V 50Hz		

Heating

EN 14511-2		
Low temperature Medium temperature		
Heat output	12.00 kW	7.67 kW
El input	2.45 kW	2.39 kW
СОР	4.90	3.21

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

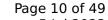
Cooling





EN 14511-2		
	+7°C/+12°C	+18°C/+23°C
El input	2.87 kW	
Cooling capacity	9.05	
EER	3.15	2.93

EN 14825





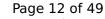
This information was generated by the file	+7°C/+12°C
Pdesignc	9.05 kW
SEER	5.40
Pdc Tj = 35°C	9.05 kW
EER Tj = 35°C	3.15
Pdc Tj = 30°C	6.86 kW
EER Tj = 30°C	4.72
Cdc Tj = 30 °C	0.99
Pdc Tj = 25°C	4.31 kW
EER Tj = 25°C	6.14
Cdc Tj = 25 °C	0.98
Pdc Tj = 20°C	4.45 kW
EER Tj = 20°C	7.5
Cdc Tj = 20 °C	0.98
Poff	14 W
РТО	14 W
PSB	14 W
PCK	o w
Annual energy consumption Qce	1541 kWh



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	35 dB(A)	35 dB(A)
Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825		
	Low temperature	Medium temperature
Pdesignh	10.84 kW	9.42 kW
η_{s}	204 %	143 %
Prated	10.84 kW	9.42 kW
SCOP	5.16	3.65
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
Pdh Tj = -7°C	9.59 kW	8.33 kW
COP Tj = -7°C	3.42	2.43
Cdh Tj = -7 °C	0.995	0.996
Pdh Tj = +2°C	5.74 kW	5.47 kW
COP Tj = +2°C	5.10	3.33
Cdh Tj = +2 °C	0.988	0.992
Pdh Tj = +7°C	4.16 kW	3.98 kW
COP Tj = +7°C	6.88	5.04

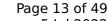
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guidant and g	<u> </u>	
Cdh Tj = +7 °C	0.978	0.983
Pdh Tj = 12°C	4.71 kW	4.75 kW
COP Tj = 12°C	8.66	6.86
Cdh Tj = +12 °C	0.975	0.980
Pdh Tj = Tbiv	9.59 kW	8.33 kW
COP Tj = Tbiv	3.42	2.43
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	9.11 kW	8.68 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.09	2.11
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.995	0.996
WTOL	60 °C	60 °C
Poff	14 W	14 W
РТО	14 W	14 W
PSB	14 W	14 W
PCK	14 W	14 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.73 kW	0.74 kW
Backup Heater	6.00 kW	6.00 kW
Annual energy consumption Qhe	4338 kWh	5335 kWh

Domestic Hot Water (DHW)





EN 16147		
Declared load profile	L	
Efficiency ηDHW	135 %	
СОР	3.20	
Heating up time	01:01 h:min	
Standby power input	37.0 W	
Reference hot water temperature	53 °C	
Mixed water at 40°C	256 I	

Model: NIMBUS FLEX 150 M NET R32

Configure model		
Model name	NIMBUS FLEX 150 M NET R32	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C	

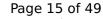
General Data		
Power supply 1x230V 50Hz		

Heating

EN 14511-2		
Low temperature Medium temperature		
Heat output	15.00 kW	9.50 kW
El input	3.19 kW	3.02 kW
СОР	4.70	3.15

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

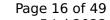
Cooling





EN 14511-2		
	+7°C/+12°C	+18°C/+23°C
El input	3.75 kW	
Cooling capacity	11	
EER	2.93	4.70

EN 14825





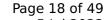
This information was generated by the fit	+7°C/+12°C
Pdesignc	11 kW
SEER	5.22
Pdc Tj = 35°C	11 kW
EER Tj = 35°C	2.93
Pdc Tj = 30°C	8.18 kW
EER Tj = 30°C	4.4
Cdc Tj = 30 °C	0.99
Pdc Tj = 25°C	5.23 kW
EER Tj = 25°C	5.77
Cdc Tj = 25 °C	0.99
Pdc Tj = 20°C	4.5 kW
EER Tj = 20°C	7.53
Cdc Tj = 20 °C	0.98
Poff	14 W
РТО	14 W
PSB	14 W
PCK	o w
Annual energy consumption Qce	1951 kWh



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	35 dB(A)	35 dB(A)
Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825		
	Low temperature	Medium temperature
Pdesignh	12.48 kW	11.59 kW
η_{s}	202 %	151 %
Prated	12.48 kW	11.59 kW
SCOP	5.12	3.85
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
Pdh Tj = -7°C	11.04 kW	10.25 kW
COP Tj = -7°C	3.29	2.50
Cdh Tj = -7 °C	0.996	0.997
Pdh Tj = +2°C	6.98 kW	6.50 kW
COP Tj = +2°C	4.92	3.67
Cdh Tj = +2 °C	0.990	0.992
Pdh Tj = +7°C	4.39 kW	3.96 kW
COP Tj = +7°C	6.76	5.04

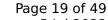
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	, ,	Thirt database on 5 Jul 2021
Cdh Tj = +7 °C	0.979	0.983
Pdh Tj = 12°C	4.71 kW	4.69 kW
COP Tj = 12°C	8.55	6.97
Cdh Tj = +12 °C	0.975	0.980
Pdh Tj = Tbiv	11.04 kW	10.25 kW
COP Tj = Tbiv	3.29	2.50
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.18 kW	10.52 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.00	2.06
WTOL	60 °C	60 °C
Poff	14 W	14 W
РТО	14 W	14 W
PSB	14 W	14 W
PCK	14 W	14 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.30 kW	1.07 kW
Backup Heater	6.00 kW	6.00 kW
Annual energy consumption Qhe	5035 kWh	6217 kWh

Domestic Hot Water (DHW)





EN 16147	
Declared load profile	L
Efficiency ηDHW	135 %
СОР	3.20
Heating up time	00:51 h:min
Standby power input	37.0 W
Reference hot water temperature	53 °C
Mixed water at 40°C	256 l

Model: NIMBUS FLEX 150 M-T NET R32

Configure model		
Model name	NIMBUS FLEX 150 M-T NET R32	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C	

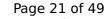
General Data		
Power supply	3x400V 50Hz	

Heating

EN 14511-2			
Low temperature Medium temperature			
Heat output	15.00 kW	9.50 kW	
El input	3.19 kW	3.02 kW	
СОР	4.70	3.15	

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

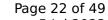
Cooling





EN 14511-2		
	+7°C/+12°C	+18°C/+23°C
El input	3.75 kW	
Cooling capacity	11	
EER	2.93	4.70

EN 14825





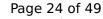
	+7°C/+12°C
Pdesignc	11 kW
SEER	5.22
Pdc Tj = 35°C	11 kW
EER Tj = 35°C	2.93
Pdc Tj = 30°C	8.18 kW
EER Tj = 30°C	4.4
Cdc Tj = 30 °C	0.99
Pdc Tj = 25°C	5.23 kW
EER Tj = 25°C	5.77
Cdc Tj = 25 °C	0.99
Pdc Tj = 20°C	4.5 kW
EER Tj = 20°C	7.53
Cdc Tj = 20 °C	0.98
Poff	14 W
PTO	14 W
PSB	14 W
PCK	o w
Annual energy consumption Qce	1951 kWh



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	35 dB(A)	35 dB(A)
Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825		
	Low temperature	Medium temperature
Pdesignh	12.48 kW	11.59 kW
η_{s}	202 %	151 %
Prated	12.48 kW	11.59 kW
SCOP	5.12	3.85
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
Pdh Tj = -7°C	11.04 kW	10.25 kW
COP Tj = -7°C	3.29	2.50
Cdh Tj = -7 °C	0.996	0.997
Pdh Tj = +2°C	6.98 kW	6.50 kW
COP Tj = +2°C	4.92	3.67
Cdh Tj = +2 °C	0.990	0.992
Pdh Tj = +7°C	4.39 kW	3.96 kW
COP Tj = +7°C	6.76	5.04

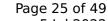
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Cdh Tj = +7 °C	0.979	0.983
Pdh Tj = 12°C	4.71 kW	4.69 kW
COP Tj = 12°C	8.55	6.97
Cdh Tj = +12 °C	0.975	0.980
Pdh Tj = Tbiv	11.04 kW	10.25 kW
COP Tj = Tbiv	3.29	2.50
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.18 kW	10.52 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.00	2.06
WTOL	60 °C	60 °C
Poff	14 W	14 W
РТО	14 W	14 W
PSB	14 W	14 W
PCK	14 W	14 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.30 kW	1.07 kW
Backup Heater	6.00 kW	6.00 kW
Annual energy consumption Qhe	5035 kWh	6217 kWh

Domestic Hot Water (DHW)





EN 16147	
Declared load profile	L
Efficiency ηDHW	135 %
СОР	3.20
Heating up time	00:51 h:min
Standby power input	37.0 W
Reference hot water temperature	53 °C
Mixed water at 40°C	256 l



Model: ARIANEXT FLEX 120 M LINK R32

Configure model		
Model name ARIANEXT FLEX 120 M LINK R32		
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C	

General Data		
Power supply	1x230V 50Hz	

Heating

EN 14511-2			
Low temperature Medium temperature			
Heat output	12.00 kW	7.67 kW	
El input	2.45 kW	2.39 kW	
СОР	4.90	3.21	

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

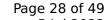
Cooling





EN 14511-2		
	+7°C/+12°C	+18°C/+23°C
El input	2.87 kW	
Cooling capacity	9.05	
EER	3.15	2.93

EN 14825





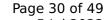
	+7°C/+12°C
Pdesignc	9.05 kW
SEER	5.40
Pdc Tj = 35°C	9.05 kW
EER Tj = 35°C	3.15
Pdc Tj = 30°C	6.86 kW
EER Tj = 30°C	4.72
Cdc Tj = 30 °C	0.99
Pdc Tj = 25°C	4.31 kW
EER Tj = 25°C	6.14
Cdc Tj = 25 °C	0.98
Pdc Tj = 20°C	4.45 kW
EER Tj = 20°C	7.5
Cdc Tj = 20 °C	0.98
Poff	14 W
РТО	14 W
PSB	14 W
PCK	o w
Annual energy consumption Qce	1541 kWh



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	35 dB(A)	35 dB(A)
Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825		
	Low temperature	Medium temperature
Pdesignh	10.84 kW	9.42 kW
η_{s}	204 %	143 %
Prated	10.84 kW	9.42 kW
SCOP	5.16	3.65
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
Pdh Tj = -7°C	9.59 kW	8.33 kW
COP Tj = -7°C	3.42	2.43
Cdh Tj = -7 °C	0.995	0.996
Pdh Tj = +2°C	5.74 kW	5.47 kW
COP Tj = +2°C	5.10	3.33
Cdh Tj = +2 °C	0.988	0.992
Pdh Tj = +7°C	4.16 kW	3.98 kW
COP Tj = +7°C	6.88	5.04

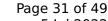
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Cdh Tj = +7 °C	0.978	0.983
Pdh Tj = 12°C	4.71 kW	4.75 kW
COP Tj = 12°C	8.66	6.86
Cdh Tj = +12 °C	0.975	0.980
Pdh Tj = Tbiv	9.59 kW	8.33 kW
COP Tj = Tbiv	3.42	2.43
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	9.11 kW	8.68 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.09	2.11
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.995	0.996
WTOL	60 °C	60 °C
Poff	14 W	14 W
РТО	14 W	14 W
PSB	14 W	14 W
PCK	14 W	14 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.73 kW	0.74 kW
Backup Heater	6.00 kW	6.00 kW
Annual energy consumption Qhe	4338 kWh	5335 kWh

Domestic Hot Water (DHW)





EN 16147		
Declared load profile	L	
Efficiency ηDHW	135 %	
СОР	3.20	
Heating up time	01:01 h:min	
Standby power input	37.0 W	
Reference hot water temperature	53 °C	
Mixed water at 40°C	256 I	

Model: ARIANEXT FLEX 120 M-T LINK R32

Configure model		
Model name	ARIANEXT FLEX 120 M-T LINK R32	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C	

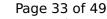
General Data		
Power supply	3x400V 50Hz	

Heating

EN 14511-2			
	Low temperature	Medium temperature	
Heat output	12.00 kW	7.67 kW	
El input	2.45 kW	2.39 kW	
СОР	4.90	3.21	

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

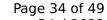
Cooling





EN 14511-2		
	+7°C/+12°C	+18°C/+23°C
El input	2.87 kW	
Cooling capacity	9.05	
EER	3.15	2.93

EN 14825





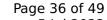
	+7°C/+12°C
Pdesignc	9.05 kW
SEER	5.40
Pdc Tj = 35°C	9.05 kW
EER Tj = 35°C	3.15
Pdc Tj = 30°C	6.86 kW
EER Tj = 30°C	4.72
Cdc Tj = 30 °C	0.99
Pdc Tj = 25°C	4.31 kW
EER Tj = 25°C	6.14
Cdc Tj = 25 °C	0.98
Pdc Tj = 20°C	4.45 kW
EER Tj = 20°C	7.5
Cdc Tj = 20 °C	0.98
Poff	14 W
РТО	14 W
PSB	14 W
PCK	o w
Annual energy consumption Qce	1541 kWh



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	35 dB(A)	35 dB(A)
Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825		
	Low temperature	Medium temperature
Pdesignh	10.84 kW	9.42 kW
η_{s}	204 %	143 %
Prated	10.84 kW	9.42 kW
SCOP	5.16	3.65
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
Pdh Tj = -7°C	9.59 kW	8.33 kW
COP Tj = -7°C	3.42	2.43
Cdh Tj = -7 °C	0.995	0.996
Pdh Tj = +2°C	5.74 kW	5.47 kW
COP Tj = +2°C	5.10	3.33
Cdh Tj = +2 °C	0.988	0.992
Pdh Tj = +7°C	4.16 kW	3.98 kW
COP Tj = +7°C	6.88	5.04

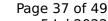
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guidant and general		
Cdh Tj = +7 °C	0.978	0.983
Pdh Tj = 12°C	4.71 kW	4.75 kW
COP Tj = 12°C	8.66	6.86
Cdh Tj = +12 °C	0.975	0.980
Pdh Tj = Tbiv	9.59 kW	8.33 kW
COP Tj = Tbiv	3.42	2.43
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	9.11 kW	8.68 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.09	2.11
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.995	0.996
WTOL	60 °C	60 °C
Poff	14 W	14 W
РТО	14 W	14 W
PSB	14 W	14 W
PCK	14 W	14 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.73 kW	0.74 kW
Backup Heater	6.00 kW	6.00 kW
Annual energy consumption Qhe	4338 kWh	5335 kWh

Domestic Hot Water (DHW)





EN 16147	
Declared load profile	L
Efficiency ηDHW	135 %
СОР	3.20
Heating up time	01:01 h:min
Standby power input	37.0 W
Reference hot water temperature	53 °C
Mixed water at 40°C	256 I



Model: ARIANEXT FLEX 150 M LINK R32

Configure model		
Model name	ARIANEXT FLEX 150 M LINK R32	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C	

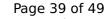
General Data		
Power supply	1x230V 50Hz	

Heating

EN 14511-2		
Low temperature Medium temperature		Medium temperature
Heat output	15.00 kW	9.50 kW
El input	3.19 kW	3.02 kW
СОР	4.70	3.15

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

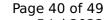
Cooling





EN 14511-2		
	+7°C/+12°C	+18°C/+23°C
El input	3.75 kW	
Cooling capacity	11	
EER	2.93	4.70

EN 14825





	+7°C/+12°C
Pdesignc	11 kW
SEER	5.22
Pdc Tj = 35°C	11 kW
EER Tj = 35°C	2.93
Pdc Tj = 30°C	8.18 kW
EER Tj = 30°C	4.4
Cdc Tj = 30 °C	0.99
Pdc Tj = 25°C	5.23 kW
EER Tj = 25°C	5.77
Cdc Tj = 25 °C	0.99
Pdc Tj = 20°C	4.5 kW
EER Tj = 20°C	7.53
Cdc Tj = 20 °C	0.98
Poff	14 W
РТО	14 W
PSB	14 W
PCK	0 W
Annual energy consumption Qce	1951 kWh



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	35 dB(A)	35 dB(A)
Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825		
	Low temperature	Medium temperature
Pdesignh	12.48 kW	11.59 kW
η_{s}	202 %	151 %
Prated	12.48 kW	11.59 kW
SCOP	5.12	3.85
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
Pdh Tj = -7°C	11.04 kW	10.25 kW
COP Tj = -7°C	3.29	2.50
Cdh Tj = -7 °C	0.996	0.997
Pdh Tj = +2°C	6.98 kW	6.50 kW
COP Tj = +2°C	4.92	3.67
Cdh Tj = +2 °C	0.990	0.992
Pdh Tj = +7°C	4.39 kW	3.96 kW
COP Tj = +7°C	6.76	5.04

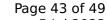
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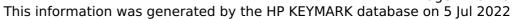
- This information was gen	- cratea by the rin rezri	Thirt database on 5 jul 202
Cdh Tj = +7 °C	0.979	0.983
Pdh Tj = 12°C	4.71 kW	4.69 kW
COP Tj = 12°C	8.55	6.97
Cdh Tj = +12 °C	0.975	0.980
Pdh Tj = Tbiv	11.04 kW	10.25 kW
COP Tj = Tbiv	3.29	2.50
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.18 kW	10.52 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.00	2.06
WTOL	60 °C	60 °C
Poff	14 W	14 W
РТО	14 W	14 W
PSB	14 W	14 W
PCK	14 W	14 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.30 kW	1.07 kW
Backup Heater	6.00 kW	6.00 kW
Annual energy consumption Qhe	5035 kWh	6217 kWh

Domestic Hot Water (DHW)





EN 16147	
Declared load profile	L
Efficiency ηDHW	135 %
СОР	3.20
Heating up time	00:51 h:min
Standby power input	37.0 W
Reference hot water temperature	53 °C
Mixed water at 40°C	256 l





Model: ARIANEXT FLEX 150 M-T LINK R32

Configure model		
Model name	ARIANEXT FLEX 150 M-T LINK R32	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C	

General Data		
Power supply	3x400V 50Hz	

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	15.00 kW	9.50 kW
El input	3.19 kW	3.02 kW
СОР	4.70	3.15

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

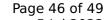
Cooling





EN 14511-2		
	+7°C/+12°C	+18°C/+23°C
El input	3.75 kW	
Cooling capacity	11	
EER	2.93	4.70

EN 14825





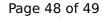
This information was generated by the fit	+7°C/+12°C
Pdesignc	11 kW
SEER	5.22
Pdc Tj = 35°C	11 kW
EER Tj = 35°C	2.93
Pdc Tj = 30°C	8.18 kW
EER Tj = 30°C	4.4
Cdc Tj = 30 °C	0.99
Pdc Tj = 25°C	5.23 kW
EER Tj = 25°C	5.77
Cdc Tj = 25 °C	0.99
Pdc Tj = 20°C	4.5 kW
EER Tj = 20°C	7.53
Cdc Tj = 20 °C	0.98
Poff	14 W
РТО	14 W
PSB	14 W
PCK	0 W
Annual energy consumption Qce	1951 kWh



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	35 dB(A)	35 dB(A)
Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825		
	Low temperature	Medium temperature
Pdesignh	12.48 kW	11.59 kW
η_{s}	202 %	151 %
Prated	12.48 kW	11.59 kW
SCOP	5.12	3.85
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Cdh Tj = -7 °C	0.996	0.997
Pdh Tj = +2°C	6.98 kW	6.50 kW
COP Tj = +2°C	4.92	3.67
Cdh Tj = +2 °C	0.990	0.992
Pdh Tj = +7°C	4.39 kW	3.96 kW
COP Tj = +7°C	6.76	5.04

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Cdh Tj = +12 °C	0.975	0.980
Pdh Tj = Tbiv	11.04 kW	10.25 kW
COP Tj = Tbiv	3.29	2.50
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.18 kW	10.52 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.00	2.06
WTOL	60 °C	60 °C
Poff	14 W	14 W
РТО	14 W	14 W
PSB	14 W	14 W
PCK	14 W	14 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.30 kW	1.07 kW
Backup Heater	6.00 kW	6.00 kW
Annual energy consumption Qhe	5035 kWh	6217 kWh

Domestic Hot Water (DHW)





EN 16147		
Declared load profile	L	
Efficiency ηDHW	135 %	
СОР	3.20	
Heating up time	00:51 h:min	
Standby power input	37.0 W	
Reference hot water temperature	53 °C	
Mixed water at 40°C	256 I	