

8. TECHNICAL INFORMATION

8.1 Technical data

			Nextac
Models		u.m.	20
Cooling performance (AT 35°C; AT 27°C)			
Maximum cooling capacity Dual Power	(1)	kW	4,80
Nominal cooling capacity	(1)	kW	3,30
Minimum Cooling Capacity	(1)	kW	1,30
Dehumidification capacity		L/h	1,20
EER			3,40
Rated power consumption		kW	0,97
Energy efficiency class	(2)		A+
Heating performance (AT 7°C; AT 20 °C)			
Maximum heat output Dual Power	(3)	kW	4,40
Nominal heat power	(3)	kW	3,40
Electric heater additional power		kW	1,80
Minimum heat output	(3)	kW	1,20
COP			3,80
Rated power consumption		kW	0,89
Energy efficiency class	(2)		A+
Electrical data			
Maximum absorbed current		A	18,00
Power Supply		V/ph/Hz	230/1/50
Aeraulic data indoor (4)			
Ventilation speed	(5)	Nr.	3+2
General characteristics			
Maximum indoor air flow		m³/h	720
Maximum external air flow		m³/h	1.600
Nominal internal air flow rate		m³/h	620
Nominal external air flow rate		m³/h	1.300
Minimum indoor air flow		m³/h	340
Minimum external air flow		m³/h	500
Type of compressor			Rotary - DC Inverter
Sound data			
Nominal sound pressure	(6)	dB(A)	48
Minimum sound pressure level	(6)	dB(A)	29

1. Outdoor air temperature 35 °, relative humidity 41%. Ambient temperature 27 ° C; relative humidity 47%. Performance according to EN 14511
2. Energy Efficiency according to Directive 626/2011- Valid for tax deduction
3. Fresh air temperature 7 °C, relative humidity 87%. Room temperature 20°C, relative humidity 59% (max). Performance according to UNI 14511
4. Efficiency according to UNI EN 13141-7 Indoor temperature 20 °C - Indoor humidity 28 % - Outdoor temperature 7 °C - Outdoor humidity 72 %
5. 3 manual speed + auto speed + boost speed
6. Internal sound pressure measured in a semi-anechoic chamber at a distance of 3 m.

			Nextac
Models		u.m.	20
Refrigerant gas data			
Type of refrigerant			R32
Quantity of refrigerant		kg	0,88
Formwork dimensions			
Width		mm	1.070
Height		mm	410
Total depth		mm	352

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ERV Technical Data

Models	u.m.	Internal ERV module
Aeraulic data		
Maximum air flow rate	m³/h	85
Average air flow rate	m³/h	50
Minimum air flow rate	m³/h	35
Fresh air filter		
Number		1
Efficiency		ePM1-60 %
Heat recovery performance in heating		
Sensitive recovery efficiency (1)	%	78,3
Latent recovery efficiency (1)	%	55,5
Heat recovery performance in cooling		
Sensitive recovery efficiency (1)	%	64,3
Latent recovery efficiency (1)	%	53,4
1. (1) At average speed.		

Reference conditions

		Environment T	External T
(1)	Cooling mode tests (EN 14511)	DB 27°C - WB 19°C	DB 35°C - WB 24°C
(2)	Heating mode tests (EN 14511)	DB 20°C - WB 15°C	DB 7°C - WB 6°C
(3)	Heating mode tests	DB 20°C - WB 15°C	DB -7°C - WB -8°C
(4)	Internal side sound pressure measured in semi-anechoic chamber at a distance of 2 m.		
(5)	Internal side sound pressure measured in accordance with regulation EN 12012		
	u.d.m.	Heating	Cooling
Minimum room relative humidity	%	15	15
Maximum room relative humidity	%	80	80
Minimum room air temperature	°C	-10	-10
Maximum room air temperature	°C	50	50