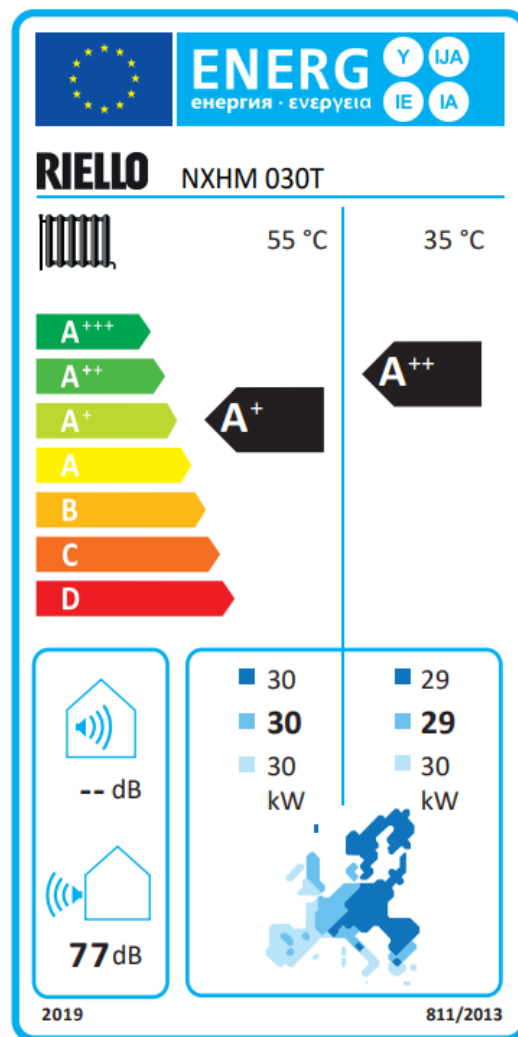




RIELLO

Δελτίο προϊόντος (Fiche)

Κατασκευαστής: **RIELLO**

Κωδικός προϊόντος: **NXHM 030T**

Unit		18kW	22kW	26kW	30kW
Performance in heating [A7/W35] (1)					
Nominal capacity	kW	18,00	22,00	26,00	30,10
COP	kW/kW	4,70	4,40	4,08	3,91
SCOP	kW/kW	4,60	4,53	4,50	4,19
ηs	%	181	178	177	165
Energy efficiency class		A+++	A+++	A+++	A++
Performance in heating [A7/W45] (2)					
Nominal capacity	kW	18,00	22,00	26,00	30,00
COP	kW/kW	3,50	3,40	3,10	2,90
Performance in heating [A7/W55] (3)					
Nominal capacity	kW	18,00	22,00	26,00	30,00
COP	kW/kW	3,50	3,40	3,10	2,90
SCOP	kW/kW	18,00	22,00	26,00	30,00
ηs	%	3,50	3,40	3,10	2,90
Energy efficiency class		18,00	22,00	26,00	30,00
Performance in cooling (A35/W18) (4)					
Nominal capacity	kW	18,50	23,00	27,00	31,00
EER		4,75	4,60	4,30	4,00
SEER		5,48	5,67	5,88	5,71
Performance in cooling (A35/W7) (5)					
Nominal capacity	kW	17,00	21,00	26,00	29,50
EER		3,05	2,95	2,70	2,55
SEER		4,70	4,70	4,66	4,49
Sound levels					
Sound pressure (6)	dB(A)	57,6	59,8	61,5	63,5
Sound power (7)	dB(A)	71	73	75	77
Electrical characteristics					
Power supply	V/ph/Hz	400/3/50			
Permitted voltage	V	380-415			
Total power input (8)	kW	10,6	12,5	13,8	14,5
Full load current (9)	A	21,0	24,5	27,0	28,5
Refrigerant		R32			
Refrigerant charge	kg	5,0	5,0	5,0	5,0
Compressor type		Twin rotary			
Outdoor fan type		DC fan			
Number of fans		2			
Source side heat exchanger		Copper pipes, hydrophilic aluminum fins with anti-corrosion treatment			
Water side heat exchanger		Plate type in stainless steel AISI 316			

(1) Outside air temperature 7°C DB, 6°C WB; water inlet/outlet 30/35°C

(2) Outside air temperature 7°C DB, 6°C WB; water inlet/outlet 40/45°C

(3) Outside air temperature 7°C DB, 6°C WB; water inlet/outlet 47/55°C

(4) Outside air temperature 35°C; water inlet/outlet 23/18°C

(5) Outside air temperature 35°C; water inlet/outlet 12/7°C

(6) Measured at a position 1m in front of the unit and (1+unit height)/2m above the floor in semi-anechoic chamber

(7) Declared value in compliance with the EN 12102-1

(8) Power absorbed by the compressors and fans at the limit operating conditions with a rated supply voltage

(9) Maximum circuit amps



Performance are declared according to relevant EU standards and legislation: EN14511; EN14825; EN50564; EN12102; (EU) No 811/2013; (EU) No 813/2013; CJ 2014/C 207/02.

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Unit		18kW	22kW	26kW	30kW
Average zone - Average temperature [47/55°C]					
η_s	%	125	126	123	123
SCOP	kW/kW	3,21	3,22	3,14	3,14
P _{design} -7°C	kW	15,64	19,84	20,65	20,12
P _{design} +2°C	kW	9,62	11,91	14,28	16,50
P _{design} +7°C	kW	6,40	7,99	9,30	10,51
P _{design} +12°C	kW	3,60	3,62	3,90	4,65
Annual energy consumption	kWh	11.375	14.390	17.204	19.316
Energy class		A++	A++	A+	A+
Sound power level	dB(A)	71	73	75	77
Average zone - Low temperature [30/35°C]					
η_s	%	181	178	177	165
SCOP	kW/kW	4,60	4,53	4,50	4,19
P _{design} -7°C	kW	15,91	19,73	22,15	21,95
P _{design} +2°C	kW	9,67	12,04	13,78	16,22
P _{design} +7°C	kW	6,57	8,02	9,38	10,69
P _{design} +12°C	kW	3,77	3,81	4,11	4,59
Annual energy consumption	kWh	8.086	10.180	11.489	14.165
Energy class		A+++	A+++	A+++	A++
Sound power level	dB(A)	71	73	75	77
Warm zone - Average temperature [47/55°C]					
η_s	%	157	161	168	163
P _{design} +2°C	kW	18,44	22,12	26,50	26,41
P _{design} +7°C	kW	11,62	14,15	16,86	19,11
P _{design} +12°C	kW	5,35	6,38	7,58	8,92
Annual energy consumption	kWh	6.041	7.180	8.218	9.580
Warm zone - Low temperature [30/35°C]					
η_s	%	226	234	231	213
P _{design} +2°C	kW	17,84	21,81	25,50	26,29
P _{design} +7°C	kW	11,36	14,08	16,77	19,57
P _{design} +12°C	kW	5,45	6,44	7,65	8,90
Annual energy consumption	kWh	4.116	4.945	5.959	7.540
Cold zone - Average temperature [47/55°C]					
η_s	%	97	102	101	100
P _{design} -7°C	kW	11,12	13,53	15,90	18,40
P _{design} +2°C	kW	6,65	8,61	10,17	11,23
P _{design} +7°C	kW	4,66	5,21	6,52	7,42
P _{design} +12°C	kW	3,74	3,74	3,63	3,64
Annual energy consumption	kWh	18.156	21.067	24.967	29.238
Cold zone - Low temperature [30/35°C]					
η_s	%	146	146	143	138
P _{design} -7°C	kW	11,21	13,30	15,91	18,49
P _{design} +2°C	kW	6,64	8,25	10,10	11,88
P _{design} +7°C	kW	4,77	5,45	6,30	7,53
P _{design} +12°C	kW	3,95	3,98	4,03	4,11
Annual energy consumption	kWh	11.740	14.179	17.421	20.390



Data declared according to energy label directive 2010/30/EC regulation (EU) 811/2013.

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Συστάσεις -προφυλάξεις

Η εγκατάσταση - απεγκατάσταση, επίλυση βλαβών και συντήρηση της ανωτέρω μονάδας πραγματοποιείται από εκπαιδευμένο και εξουσιοδοτημένο προσωπικό μόνο. Η χρήση από ανήλικους θα πρέπει να υποπτεύεται από κάποιον ενήλικα. Απαγορεύεται η απόρριψη του ψυκτικού υγρού στη ατμόσφαιρα βάσει ΕΚ517/2021

The performance values comply with Standards UNI EN 14511:2018 and UNI EN 14825:2016.

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