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Single Combination

UNIT				9K	12K	18K	24K
INDOOR				DC09RK NSJ	DC12RK NSJ	DC18RK NSK	DC24RK NSK
Capacity	Cooling	Min./Rated/Max.	kW	0,89 / 2,50 / 3,70	0,89 / 3,50 / 4,04	0,90 / 5,00 / 5,50	0,90 / 6,60 / 7,42
	Heating	Min./Rated/Max.	kW	0,89 / 3,20 / 5,00	0,89 / 4,00 / 6,00	0,90 / 5,80 / 6,40	0,90 / 7,50 / 8,64
Power Input	Heating -7°C	Rated	kW	3,20	3,50	4,20	6,00
	Cooling/Heating	Rated	W	572 / 711	933 / 976	1,562 / 1,611	2,164 / 2,238
EER			W/W	4,37	3,75	3,20	3,05
S.E.E.R.				7,90	7,60	7,00	6,90
P design C			kW	2,50	3,50	5,00	6,60
COP			W/W	4,50	4,10	3,60	3,35
S.C.O.P		(Average / Warmer)		4,60 / 5,40	4,60 / 5,40	4,30 / 5,30	4,30 / 5,30
P design H (Average / Warmer)			kW	2,80 / 1,50	2,90 / 1,50	3,90 / 2,10	5,00 / 2,70
Energy Label (A+++ to D Scale)	Cooling			A++	A++	A++	A++
	Heating	(Average / Warmer)		A++ / A++	A++ / A++	A+ / A+++	A+ / A+++
Annual Energy Consumption	Cooling		kWh	111	161	250	335
	Heating	(Average / Warmer)	kWh	852 / 389	883 / 389	1,270 / 555	1,628 / 713
Sound Pressure	Cooling	S / L / M / H	dB(A)	19 / 27 / 37 / 42	19 / 27 / 37 / 42	31 / 34 / 39 / 44	31 / 34 / 42 / 47
	Heating	L / M / H	dB(A)	27 / 37 / 42	27 / 37 / 42	34 / 39 / 44	34 / 42 / 47
Sound Power	Cooling		dB(A)	60	60	60	65
	Heating						
Air Flow Rate	Cooling	S / L / M / H / Max. (Power)	m <sup>3</sup> /min	3,5 / 5,5 / 9,0 / 11,0 / 13,0	3,5 / 5,5 / 9,0 / 11,0 / 13,0	8,0 / 10,5 / 13,0 / 14,5 / 15,5	8,0 / 10,5 / 13,1 / 16,1 / 18,3
	Heating	L / M / H	m <sup>3</sup> /min	6,5 / 9,0 / 11,0	6,5 / 9,0 / 11,0	11,0 / 13,5 / 16,0	11,0 / 14,3 / 17,6
Dehumidification Rate			l/h	1,1	1,3	1,8	2,5
Running Current	Cooling	Min./Rated/Max.	A	1,00 / 2,50 / 6,00	1,00 / 4,00 / 6,00	1,20 / 6,90 / 9,00	1,20 / 9,80 / 14,00
	Heating	Min./Rated/Max.	A	1,00 / 3,20 / 7,00	1,00 / 4,30 / 7,00	1,20 / 7,10 / 9,50	1,20 / 10,40 / 14,00
Starting Current	Cooling/Heating	Rated	A	2,50 / 3,20	4,00 / 4,30	6,90 / 7,10	9,80 / 10,00
Power Supply			Ø/V/Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker			A	15	15	20	25
Power Supply Cable			N x mm <sup>2</sup>	3 x 1,0	3 x 1,0	3 x 1,5	3 x 2,5
Power & Transmission Cable			N x mm <sup>2</sup>	4 x 1,0 (Including Earth)	4 x 1,0 (Including Earth)	4 x 1,0 (Including Earth)	4 x 1,0 (Including Earth)
Dimension			mm	837 x 308 x 189	837 x 308 x 189	998 x 345 x 210	998 x 345 x 210
Net Weight			kg	9,1	9,1	11,9	12,7
Fan Motor Output			W	30	30	30	58
OUTDOOR				DC09RK UL2	DC12RK UL2	DC18RK UL2	DC24RK U24
Operation Range	Cooling	Min./Max.	°C DB	-15 / 48	-15 / 48	-15 / 48	-15 / 48
	Heating	Min./Max.	°C DB	-15 / 24	-15 / 24	-10 / 24	-10 / 24
Sound Pressure	Cooling/Heating	High	dB(A)	49 / 51	49 / 51	53 / 55	54 / 57
Sound Power	Cooling	High	dB(A)	65	65	65	70
Air Flow Rate		High	m <sup>3</sup> /min	35	35	35	49
Piping	Liquid (ODU / IDU)	Min./Max.	m	3 / 20	3 / 20	3 / 20	3 / 30
	Elevation (ODU / IDU)	Min./Max.	m	10	10	10	15
Piping Connection	Liquid	OD (Outside)	mm (inch)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)
	Gas	OD (Outside)	mm (inch)	9,52 (3/8)	9,52 (3/8)	12,7 (1/2)	15,88 (5/8)
Drain Hose Size		OD (Outside)	mm (inch)	21,5 (27/32)	21,5 (27/32)	21,5 (27/32)	21,5 (27/32)
Refrigerant	Type			R32	R32	R32	R32
	Charge at 7,5m		kg	0,800	0,800	1,000	1,100
			t-CO <sub>2</sub> eq	0,540	0,540	0,675	0,743
	Additional Charge		g/m	20	20	20	20
GWP				675	675	675	675
Fan Motor Output			W	43	43	43	85
Compressor Type				Inverter Twin Rotary	Inverter Twin Rotary	Inverter Twin Rotary	Inverter Twin Rotary
Net Weight			kg	34,1	34,1	34,4	46,0
Dimension			mm	770 x 545 x 288	770 x 545 x 288	770 x 545 x 288	870 x 650 x 330
ACCESSORIES & OTHERS							
Multi Compatible				Y	Y	Y	Y
PI 485				Y	Y	Y	Y
Dry Contact				Y	Y	Y	Y
Wired Remote Controller				Y	Y	Y	Y
List Price - Indoor Unit + Outdoor Unit			£	£307,00+£506,00	£344,00+£593,00	£479,00+£806,00	£600,00+£1,006,00
List Price - System Price			£	£813,00	£937,00	£1,285,00	£1,606,00

■ This product contains Fluorinated greenhouse gases (R32).  
 ■ S : Sleep / L : Low / M : Medium / H : High  
 ■ GWP : Global warming potential  
 ■ t-CO<sub>2</sub>eq : F-gas(kg)\*GWP/1000  
 ■ Specification, design and feature are subject to change without prior notice.