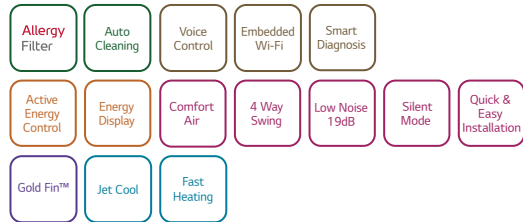


DUALCOOL STANDARD PLUS



LG participates in the ECP programme for EUROVENT VRF program. Check ongoing validity of certification : www.eurovent-certification.com

Single Combination

UNIT				9K	12K	18K	24K
INDOOR				PC09SK NSJ	PC12SK NSJ	PC18SK NSK	PC24SK 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 / 3.30 / 4.10	0.89 / 4.00 / 5.10	0.90 / 5.80 / 6.40	0.90 / 7.50 / 8.64
	Heating -7°C	Rated	kW	2.60	3.00	4.20	6.00
Power Input	Cooling / Heating	Rated	W	656 / 800	1,080 / 1,050	1,562 / 1,611	2,164 / 2,238
EER			W/W	3.81	3.24	3.20	3.05
S.E.E.R.				7.00	6.60	7.00	6.90
P design C			kW	2.50	3.50	5.00	6.60
COP			W/W	4.13	3.81	3.60	3.35
S.C.O.P		(Average / Warmer)		4.00 / 4.90	4.00 / 4.90	4.30 / 5.30	4.30 / 5.30
P design H (Average / Warmer)			kW	2.50 / 1.30	2.50 / 1.30	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	125	186	250	335
	Heating	(Average / Warmer)	kWh	875 / 371	875 / 371	1,270 / 555	1,628 / 713
Sound Pressure	Cooling	S / L / M / H	dB(A)	19 / 27 / 35 / 41	19 / 27 / 35 / 41	31 / 34 / 39 / 44	31 / 34 / 42 / 47
	Heating	L / M / H	dB(A)	27 / 35 / 41	27 / 35 / 41	34 / 39 / 44	34 / 42 / 47
Sound Power	Cooling		dB(A)	59	59	60	65
Air Flow Rate	Cooling	S / L / M / H / Max. (Power)	m³/min	3.0 / 4.2 / 7.5 / 10.0 / 12.5	3.0 / 4.2 / 7.5 / 10.0 / 12.5	8.0 / 10.5 / 13.0 / 14.5 / 15.5	8.0 / 10.5 / 13.1 / 16.1 / 18.3
	Heating	L / M / H	m³/min	5.6 / 7.2 / 10.0	5.6 / 7.2 / 10.0	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	1.10 / 3.30 / 6.00	1.10 / 4.70 / 6.00	1.20 / 6.90 / 9.00	1.20 / 9.80 / 14.00
	Heating	Min. / Rated / Max.	A	1.10 / 4.00 / 7.00	1.10 / 4.70 / 7.00	1.20 / 7.10 / 9.50	1.20 / 10.00 / 14.00
Starting Current	Cooling / Heating	Rated	A	3.30 / 4.00	4.70 / 4.70	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 mm²	3 x 1.0	3 x 1.0	3 x 1.5	3 x 2.5
Power & Transmission Cable			N x mm²	4 x 1.0	4 x 1.0	4 x 1.0	4 x 1.0
				(Including Earth)	(Including Earth)	(Including Earth)	(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	8.7	8.7	11.9	12.7
Fan Motor Output			W	30	30	30	58
OUTDOOR				PC09SK UA3	PC12SK UA3	PC18SK UL2	PC24SK U24
Operation Range	Cooling	Min. / Max.	°C DB	-10 / 48	-10 / 48	-15 / 48	-15 / 48
	Heating	Min. / Max.	°C DB	-10 / 24	-10 / 24	-10 / 24	-10 / 24
Sound Pressure	Cooling / Heating	High	dB(A)	48 / 50	48 / 50	53 / 55	54 / 57
Sound Power	Cooling	High	dB(A)	65	65	65	70
Air Flow Rate		High	m³/min	27	27	35	49
Piping	Liquid (ODU / IDU)	Min. / Max.	m	3 / 15	3 / 15	3 / 20	3 / 30
	Elevation (ODU / IDU)	Min. / Max.	m	7	7	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	0.700	0.700	1.000	1.100
	Additional Charge		t-CO ₂ eq	0.473	0.473	0.675	0.743
	GWP		g/m	20	20	20	20
Fan Motor Output			W	675	675	675	675
Compressor Type				43	43	43	85
Compressor Type				Inverter Twin Rotary	Inverter Twin Rotary	Inverter Twin Rotary	Inverter Twin Rotary
Net Weight			kg	25.1	25.1	34.4	46.0
Dimension			mm	717 x 495 x 230	717 x 495 x 230	770 x 545 x 288	870 x 650 x 330
ACCESSORIES & OTHERS							
Multi Compatible				Y	Y	Y	Y
PI 485				-	-	-	-
Dry Contact				Y	Y	Y	Y
Wired Remote Controller				Y	Y	Y	Y

- ※ This product contains Fluorinated greenhouse gases (R32).
- ※ S : Sleep / L : Low / M : Medium / H : High
- ※ GWP : Global warming potential
- ※ t-CO₂eq : F-gas(kg)*GWP/1000
- ※ Specification, design and feature are subject to change without prior notice.