

ARTCOOL MIRROR



LG participates in the ECP programme
of EUROPEAN VRF program.
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Single Combination

UNIT	9K	12K	18K	24K
INDOOR	AC09BH NSJ	AC12BH NSJ	AC18BH NSK	AC24BH NSK
Capacity	Cooling 0.89 / 2.50 / 3.70 Heating 0.89 / 3.50 / 4.10	0.89 / 2.50 / 4.04 0.89 / 4.00 / 5.10	0.90 / 3.00 / 5.30 0.90 / 5.60 / 6.40	0.90 / 5.60 / 7.42 0.90 / 7.50 / 8.64
Power Input	Rated 3.41 W/W	3.00 3.41 W/W	1.96 / 6.11 2.16 W/W	2.16 / 6.28 2.40 W/W
SEER	4.33	4.33	4.33	4.33
SEER-C	3.50	3.50	3.50	3.50
COP	4.13	3.81	3.60	3.35
S.C.O.P	4.00 / 4.90	4.00 / 4.90	4.30 / 5.30	4.30 / 5.30
P design H (Average / Warmer)	2.50 / 1.30	2.50 / 1.30	3.90 / 2.10	5.00 / 2.70
Energy Label	A++	A++	A++	A++
(A++ to D Scale)	A+ / A++	A+ / A++	A+ / A++	A+ / A++
Annual Energy Consumption	125 kWh	186 kWh	250 kWh	335 kWh
Sound Pressure	Heating 87.5 / 37.1 Cooling 19.27 / 35.41	87.5 / 37.1 Cooling 19.27 / 35.41	1.270 / 55.5 Cooling 31.34 / 39.44	1.628 / 71.3 Cooling 31.34 / 42.47
Sound Power	Heating 27.1 / 35.41 Cooling 5.9	27.1 / 35.41 Cooling 5.9	34.39 / 44 Cooling 6.0	34.42 / 47 Cooling 6.5
Air Flow Rate	Cooling 3.0 / 4.2 / 7.5 / 10.0 / 12.5 Heating 5.6 / 7.2 / 10.0	3.0 / 4.2 / 7.5 / 10.0 / 12.5 Heating 5.6 / 7.2 / 10.0	8.0 / 10.5 / 13.0 / 14.5 / 15.5 Heating 11.0 / 13.5 / 16.0	8.0 / 10.5 / 13.1 / 14.5 / 15.5 Heating 11.0 / 14.3 / 17.6
Dehumidification Rate	l/h	1.1	1.3	1.8
Running Current	Cooling 1.10 / 3.30 / 6.00 Heating 1.10 / 4.00 / 7.00	1.10 / 3.30 / 6.00 Heating 1.10 / 4.00 / 7.00	1.20 / 6.90 / 9.00 Heating 1.20 / 7.10 / 9.50	1.20 / 9.80 / 14.00 Heating 1.20 / 10.00 / 14.00
Starting Current	3.30 / 4.00	4.70 / 4.70	6.90 / 7.10	9.80 / 10.00
Power Supply	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker	A	15	20	25
Power Supply Cable	3 x 1.0	3 x 1.0	3 x 1.5	3 x 2.5
Power & Transmission Cable	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	837 x 308 x 192	837 x 308 x 192	998 x 345 x 212	998 x 345 x 212
Net Weight	5.9	9.9	12.8	13.5
Fan Motor Output	W	30	30	38
OUTDOOR	AC09BH UA3	AC12BH UA3	AC18BH UL2	AC24BH U24
Operation Range	Cooling °C DB -10 / 48	Cooling °C DB -10 / 48	Cooling °C DB -15 / 48	Cooling °C DB -15 / 48
Sound Pressure	High dB(A) 48 / 50	High dB(A) 48 / 50	High dB(A) 53 / 55	High dB(A) 54 / 57
Air Flow Rate	m ³ /min High 27	m ³ /min High 27	m ³ /min High 35	m ³ /min High 49
Piping	Liquid (ODU / IDU) m 3 / 1.5	Liquid (ODU / IDU) m 3 / 1.5	Elevation (ODU / IDU) m 7	Elevation (ODU / IDU) m 7
Piping Connection	mm (inch) 6.35 (1/4)	mm (inch) 6.35 (1/4)	mm (inch) 6.35 (1/4)	mm (inch) 6.35 (1/4)
Drain Hose Size	mm (inch) 21.5 (27/32)	mm (inch) 21.5 (27/32)	mm (inch) 21.5 (27/32)	mm (inch) 21.5 (27/32)
Refrigerant	Type Charges at 7.5m R32	Type Charges at 7.5m R32	kg 0.700	kg 0.700
Fan Motor Output	W 43	W 43	W 67.5	W 85
Compressor type	Inverter Twin Rotary	Inverter Twin Rotary	Inverter Twin Rotary	Inverter Twin Rotary
Net Weight	34.4	34.4	46.0	46.0
Dimension	770 x 545 x 288	770 x 545 x 288	770 x 545 x 288	870 x 650 x 330
ACCESSORIES & OTHERS	AC09BH UA3	AC12BH UA3	AC18BH UL2	AC24BH U24
PI 485	Y	Y	Y	Y
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
※ I-CO₂ eq.: F-gas (kg) GWP/1000
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ARTCOOL GALLERY



Single Combination

UNIT	9K	12K
INDOOR	A09FT NSF	A12FT NSF
Capacity	Cooling 0.89 / 2.50 / 3.70 Heating 0.89 / 3.50 / 4.10	0.89 / 3.50 / 4.04 0.89 / 4.00 / 5.10
Power Input	Rated 3.41 W/W	3.00 3.41 W/W
SEER	4.33	4.33
SEER-C	3.50	3.50
COP	3.97	3.61
S.C.O.P	4.00 / 4.60	4.00 / 4.60
P design H (Average / Warmer)	2.70 / 1.50	2.70 / 1.50
Energy Label	A++	A++
(A++ to D Scale)	A+ / A++	A+ / A++
Annual Energy Consumption	129 kWh	186 kWh
Sound Pressure	Heating 94.5 / 45.7 Cooling 27.35 / 39.45	94.5 / 45.7 Cooling 27.35 / 39.45
Sound Power	Heating 60 Cooling 6.0	60 Cooling 6.0
Air Flow Rate	Cooling 6.0 / 7.6 / 9.0 / 10.0 Heating 6.1 / 7.8 / 9.3	6.0 / 7.6 / 9.0 / 10.0 Heating 6.1 / 7.8 / 9.3
Dehumidification Rate	l/h	1.3
Running Current	Cooling 1.10 / 3.20 / 6.00 Heating 1.10 / 4.10 / 7.00	1.10 / 3.20 / 6.00 Heating 1.10 / 4.10 / 7.00
Starting Current	4.30 / 4.10	4.30 / 4.10
Power Supply	1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker	A	15
Power Supply Cable	3 x 1.0	3 x 1.0
Power & Transmission Cable	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Dimension	600 x 600 x 146	600 x 600 x 146
Net Weight	14.4	14.4
Fan Motor Output	W	16.7
OUTDOOR	A09FT UL2	A12FT UL2
Operation Range	Cooling °C DB -15 / 48	Cooling °C DB -15 / 48
Sound Pressure	High dB(A) 51 / 51	High dB(A) 51 / 51
Air Flow Rate	m ³ /min High 35	m ³ /min High 35
Piping	Liquid (ODU / IDU) m 3 / 2.0	Liquid (ODU / IDU) m 3 / 2.0
Piping Connection	mm (inch) 6.35 (1/4)	mm (inch) 6.35 (1/4)
Drain Hose Size	mm (inch) 21.5 (27/32)	mm (inch) 21.5 (27/32)
Refrigerant	Type Charges at 7.5m R32	Type Charges at 7.5m R32
Fan Motor Output	W 43	W 43
Compressor type	Inverter Twin Rotary	Inverter Twin Rotary
Net Weight	34.4	34.4
Dimension	770 x 545 x 288	770 x 545 x 288
ACCESSORIES & OTHERS	A09FT UL2	A12FT UL2
PI 485	Y	Y
Dry Contact	Y	Y
Wired Remote Controller	Y	Y

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DUALCOOL with AIR PURIFICATION

Wi-Fi

R32

Smart Control
Embossed Vents
Smart Programs
Active Energy Control
Smart Energy
Air Purification
Dual Protection Filter
Auto Chipping

Gold Fin™
4 Way Swing
Low Noise 19dB
Silent Mode
Quick & Reinstallation
Jac Cool
Fast Heating



LG participates in the ECP programme of EUROVENT vkn program. For more information visit www.eurovent-certification.com

Dual Motor Controller

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Dual Motor Controller

Single Combination

UNIT	9K	12K
INDOOR		
Capacity	0.90 / 2.50 / 4.00 0.90 / 3.20 / 6.50 4.25	F12MT NSM 0.90 / 3.50 / 4.25 0.90 / 4.00 / 7.52
Power Input	485 / 593	883 / 785
EEER	8.0	9.0
SEER	5.10 / 6.60	5.10
SCOP	3.70 / 2.05	3.80 / 2.05
P design C	4.00	3.50
P design COP	5.40	5.10
P design H (Average / Warmer)	5.10 / 6.60	5.10 / 6.60
Energy Label	A+++ / A++	A+++ / A++
(A+++ to D Scale)	93	135
Annual Energy Consumption	1.016 / -	1.043 / -
Sound Pressure	19 / 27 / 35 / 40	19 / 27 / 35 / 40
Sound Power	27 / 35 / 40	27 / 35 / 40
Air Flow Rate	6.6 / 8.7 / 11.1 / 12.4 / 15.5	6.6 / 8.7 / 11.1 / 12.4 / 15.5
Dehumidification Rate	8.7 / 11.1 / 14.3	8.7 / 11.1 / 14.3
Running Current	1.00 / 3.80 / 8.10	1.00 / 6.10 / 8.10
Starting Current	1.00 / 4.60 / 8.80	1.00 / 5.80 / 8.80
Power Supply	3.80 / 4.60	6.10 / 5.80
Circuit Breaker	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable	3 x 1.0	3 x 1.0
Power & Transmission Cable	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Dimension	857 x 295 x 235	857 x 295 x 235
Net Weight	11.0	11.0
Fan Motor Output	30	30
OUTDOOR		
Operation Range	-10 / 48	-10 / 48
Sound Pressure	-25 / 24	-25 / 24
Sound Power	48 / 50	48 / 50
Air Flow Rate	65	65
Piping	49	49
Piping Connection	3 / 20	3 / 20
Drain Hose Size	10	10
Refrigerant	6.35 (1/4)	6.35 (1/4)
Additional Charge	9.52 (3/8)	9.52 (3/8)
Fan Motor Output	2.15 (27/32)	2.15 (27/32)
Compressor Type	R32	R32
Net Weight	1.000	1.000
Dimension	6.675	6.675
Fan Motor Output	20	20
Compressor Type	675	675
Net Weight	85	85
Dimension	4.30	4.30
ACCESSORIES & OTHERS		
PI 485	Y	Y
Dry Contact	-	-
Wired Remote Controller	Y	Y

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Single Combination

UNIT	9K	12K
INDOOR		
Capacity	0.89 / 2.50 / 3.70 0.89 / 3.30 / 4.10	AP12RT NSJ 0.89 / 3.50 / 4.00 0.89 / 4.00 / 4.70
Power Input	426	300
EEER	7.16/5.90	1.169 / 1.130
SEER	5.20	5.20
P design C	3.50	3.50
P design COP	2.50	3.54
P design H (Average / Warmer)	4.0 / 5.0	4.0 / 5.0
Energy Label	A+ / A++	A+ / A++
(A+++ to D Scale)	133	198
Annual Energy Consumption	875 / 393	875 / 393
Sound Pressure	21 / 27 / 35 / 42	21 / 27 / 35 / 42
Sound Power	30 / 35 / 41	30 / 35 / 41
Air Flow Rate	3.0 / 4.2 / 6.6 / 10.0 / 11.0	3.0 / 4.2 / 6.6 / 10.0 / 11.0
Dehumidification Rate	4.2 / 6.6 / 10.0	4.2 / 6.6 / 10.0
Running Current	1.1 / 3.5 / 6.0	1.1 / 3.5 / 6.0
Starting Current	1.1 / 4.0 / 7.0	1.1 / 5.1 / 7.0
Power Supply	3.50 / 4.00	5.20 / 5.10
Circuit Breaker	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable	3 x 1.0	3 x 1.0
Power & Transmission Cable	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Dimension	857 x 348 x 189	857 x 348 x 189
Net Weight	9.5	9.5
Fan Motor Output	30	30
OUTDOOR		
Operation Range	-10 / 48	-10 / 48
Sound Pressure	-10 / 24	-10 / 24
Sound Power	48 / 50	48 / 50
Air Flow Rate	65	65
Piping	27	27
Piping Connection	3 / 15	3 / 15
Drain Hose Size	7	7
Refrigerant	6.35 (1/4)	6.35 (1/4)
Additional Charge	9.52 (3/8)	9.52 (3/8)
Fan Motor Output	2.15 (27/32)	2.15 (27/32)
Compressor Type	R32	R32
Net Weight	0.700	0.700
Dimension	0.673	0.673
Fan Motor Output	20	20
Compressor Type	675	675
Net Weight	43	43
Dimension	26	26
ACCESSORIES & OTHERS		
PI 485	Y	Y
Dry Contact	-	-
Wired Remote Controller	Y	Y

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DUALCOOL PRESTIGE

DUALCOOL DELUXE 2



Wi-Fi



LG participates in the ECP programme for EUROVENT VAV program. Check for more information at: www.lgairparts.com



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Single Combination

UNIT	9K	12K	18K	24K
INDOOR	DC09RH NSJ	DC12RH NSJ	DC18RH NSK	DC24RH NSK
Capacity	0.89 / 2.30 / 3.70 kW	0.89 / 3.30 / 4.04 kW	0.90 / 3.80 / 5.30 kW	0.90 / 5.60 / 7.42 kW
Power Input	0.89 / 3.20 / 5.00 kW	0.89 / 4.00 / 6.00 kW	0.90 / 3.80 / 6.40 kW	0.90 / 5.70 / 8.64 kW
E.E.E.R.	5.20	5.30	5.40	5.50
S.E.E.R.	19.0	19.5	20.0	20.5
P.Design/COP	3.50 / 3.50 kW	3.50 / 3.50 kW	3.50 / 3.50 kW	3.50 / 3.50 kW
P.Design/COP	4.50 / 4.50 kW	4.10 / 4.10 kW	3.60 / 3.60 kW	3.35 / 3.35 kW
P.Design/COP	4.60 / 5.40 kW	4.60 / 5.40 kW	4.30 / 5.30 kW	4.30 / 5.30 kW
P.Design/COP	2.80 / 1.50 kW	2.90 / 1.50 kW	3.90 / 2.10 kW	5.00 / 2.70 kW
Energy Label (A+++ to A)	A+++	A++	A+	A
Annual Energy Consumption	111 kWh	161 kWh	250 kWh	335 kWh
Sound Pressure	19 / 27 / 37 / 42 dB(A)	19 / 27 / 37 / 42 dB(A)	19 / 27 / 37 / 42 dB(A)	19 / 27 / 37 / 42 dB(A)
Sound Power	60 dB(A)	60 dB(A)	60 dB(A)	65 dB(A)
Air Flow Rate	3.5 / 5.5 / 9.0 / 11.0 m ³ /min	3.5 / 5.5 / 9.0 / 11.0 m ³ /min	3.5 / 5.5 / 9.0 / 11.0 m ³ /min	3.5 / 5.5 / 9.0 / 11.0 m ³ /min
Dehumidification Rate	6.5 / 9.0 / 11.0 l/h	6.5 / 9.0 / 11.0 l/h	6.5 / 9.0 / 11.0 l/h	6.5 / 9.0 / 11.0 l/h
Running Current	1.1 A	1.3 A	1.8 A	2.5 A
Starting Current	1.00 / 2.50 / 6.00 A	1.00 / 4.00 / 6.00 A	1.20 / 6.00 / 9.00 A	1.20 / 9.80 / 14.00 A
Power Supply	1.00 / 3.20 / 7.00 Ø / V / Hz	1.00 / 4.30 / 7.00 Ø / V / Hz	1.20 / 7.10 / 9.50 Ø / V / Hz	1.20 / 10.40 / 14.00 Ø / V / Hz
Circuit Breaker	1 / 220~240 / 50 A	1 / 220~240 / 50 A	1 / 220~240 / 50 A	1 / 220~240 / 50 A
Power Supply Cable	3 x 1.0	3 x 1.0	3 x 1.5	3 x 2.5
Power & Transmission Cable	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	837 x 308 x 189 mm	837 x 308 x 189 mm	998 x 345 x 210 mm	998 x 345 x 210 mm
Net Weight	9.1 kg	11.9 kg	15.9 kg	17.7 kg
Fan Motor Output	30 W	30 W	30 W	38 W
OUTDOOR	DC09RH UJL2	DC12RH UJL2	DC18RH UJL2	DC24RH UJL2
Operation Range	-15 / 48 °C DB	-15 / 48 °C DB	-15 / 48 °C DB	-15 / 48 °C DB
Sound Pressure	-15 / 24 dB(A)	-15 / 24 dB(A)	-15 / 24 dB(A)	-15 / 24 dB(A)
Sound Power	65 dB(A)	65 dB(A)	65 dB(A)	65 dB(A)
Air Flow Rate	3.5 / 5.5 / 9.0 / 11.0 m ³ /min	3.5 / 5.5 / 9.0 / 11.0 m ³ /min	3.5 / 5.5 / 9.0 / 11.0 m ³ /min	3.5 / 5.5 / 9.0 / 11.0 m ³ /min
Piping	3 / 20 / 30 m	3 / 20 / 30 m	3 / 20 / 30 m	3 / 20 / 30 m
Piping Connection	6.35 (1/4) mm (OD)	6.35 (1/4) mm (OD)	6.35 (1/4) mm (OD)	6.35 (1/4) mm (OD)
Drain Hose Size	1.27 (1/2) mm (OD)	1.27 (1/2) mm (OD)	1.27 (1/2) mm (OD)	1.52 (3/8) mm (OD)
Refrigerant	R32	R32	R32	R32
Additional Charge	0.800 kg	0.800 kg	1.000 kg	1.100 kg
GWP	0.560 g/m	0.560 g/m	0.675 g/m	0.743 g/m
Fan Motor Output	20 W	20 W	20 W	25 W
Compressor Type	Inverter Twin Rotary	Inverter Twin Rotary	Inverter Twin Rotary	Inverter Twin Rotary
Dimension	770 x 545 x 288 mm	770 x 545 x 288 mm	770 x 545 x 288 mm	870 x 650 x 330 mm
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

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Single Combination

UNIT	9K	12K
INDOOR	DC09RT NSJ	DC12RT NSJ
Capacity	0.89 / 2.30 / 3.70 kW	0.89 / 3.30 / 4.04 kW
Power Input	0.89 / 3.20 / 5.00 kW	0.89 / 4.00 / 6.00 kW
E.E.E.R.	5.20	5.30
S.E.E.R.	19.0	19.5
P.Design/COP	3.50 / 3.50 kW	3.50 / 3.50 kW
P.Design/COP	4.13 / 4.13 kW	3.81 / 3.81 kW
P.Design/COP	4.00 / 4.90 kW	4.00 / 4.90 kW
P.Design/COP	2.50 / 1.30 kW	2.50 / 1.30 kW
Energy Label (A+++ to A)	A+++	A++
Annual Energy Consumption	125 kWh	186 kWh
Sound Pressure	19 / 27 / 35 / 41 dB(A)	19 / 27 / 35 / 41 dB(A)
Sound Power	59 dB(A)	59 dB(A)
Air Flow Rate	3.0 / 4.2 / 7.25 / 10.0 / 12.5 m ³ /min	3.0 / 4.2 / 7.25 / 10.0 / 12.5 m ³ /min
Dehumidification Rate	5.6 / 7.2 / 10.0 l/h	5.6 / 7.2 / 10.0 l/h
Running Current	1.1 A	1.3 A
Starting Current	1.10 / 3.30 / 6.00 A	1.10 / 4.00 / 7.00 A
Power Supply	3.30 / 4.40 Ø / V / Hz	1 / 220~240 / 50 A
Circuit Breaker	3 x 1.0	3 x 1.0
Power Supply Cable	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Power & Transmission Cable	837 x 308 x 189 mm	837 x 308 x 189 mm
Dimension	9.1 kg	9.1 kg
Net Weight	30 W	30 W
Fan Motor Output	30 W	30 W
OUTDOOR	DC09RT UA3	DC12RT UA3
Operation Range	-10 / 48 °C DB	-10 / 24 °C DB
Sound Pressure	48 / 50 dB(A)	48 / 50 dB(A)
Sound Power	65 dB(A)	65 dB(A)
Air Flow Rate	27 m ³ /min	27 m ³ /min
Piping	3 / 15 m	3 / 15 m
Piping Connection	6.35 (1/4) mm (inch)	6.35 (1/4) mm (inch)
Drain Hose Size	21.5 (27/32) mm (inch)	21.5 (27/32) mm (inch)
Refrigerant	R32	R32
Additional Charge	0.700 kg	0.673 kg
GWP	0.560 g/m	0.560 g/m
Fan Motor Output	20 W	20 W
Compressor Type	Inverter Twin Rotary	Inverter Twin Rotary
Dimension	25.1 mm	25.1 mm
ACCESSORIES & OTHERS		
Multi Compatible	Y	Y
PI 485	Y	Y
Dry Contact	Y	Y
Wired Remote Controller	Y	Y

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DUALCOOL STANDARD 2





Wi-Fi

Smart Control

Embossed Vents

Smart Program

Active Energy Control

Empty Energy

Auto Changing

Gold Fin™

4 Way Swing

Low Noise 19dB

Quiet & Inhabitable

Fast Heating



EUROVENT PERFORMANCE
www.eurovent-certification.com

Single Combination

UNIT	9K	12K	18K	24K
INDOOR	SO9ET NSJ	ST12ET NSJ	S18ET NSK	S24ET NSK
Capacity	0.89 / 2.50 / 3.10 0.89 / 3.30 / 4.10	0.89 / 3.30 / 4.04 0.89 / 4.00 / 5.10	0.90 / 3.07 / 5.30 0.90 / 5.60 / 6.40	0.90 / 5.60 / 7.42 0.90 / 7.50 / 8.64
Power Input	656/800	1,080/1,090	1,562/1,611	2,164/2,238
E.E.E.R.	3.2	3.2	3.2	3.2
P.design C	7.0	6.6	7.0	6.9
COP	4.13	3.81	3.60	3.35
P.design H (Average / Warmer)	4.00 / 4.90	4.00 / 4.90	4.30 / 5.30	4.30 / 5.30
(Energy Label)	A++ / A+++	A+ / A+++	A+ / A+++	A+ / A+++
Annual Energy Consumption	125	186	250	335
Sound Pressure	19 / 27 / 35 / 41	19 / 27 / 35 / 41	31 / 34 / 39 / 44	31 / 34 / 42 / 47
Sound Power	59	59	60	65
Air Flow Rate	3.0 / 4.2 / 7.5 / 10.0	3.0 / 4.2 / 7.5 / 10.0	8.0 / 10.5 / 13.0 / 14.5 / 15.5	8.0 / 10.5 / 13.1 / 14.5 / 18.3
Dehumidification Rate	1.1	1.3	1.8	2.5
Running Current	1.10 / 3.30 / 6.00	1.10 / 4.70 / 6.00	1.20 / 6.90 / 9.00	1.20 / 9.80 / 14.00
Starting Current	1.10 / 4.00 / 7.00	1.10 / 4.70 / 7.00	1.20 / 7.10 / 9.50	1.20 / 10.00 / 14.00
Power Supply	3.30 / 4.00	4.70 / 4.70	6.90 / 7.10	9.80 / 10.00
Circuit Breaker	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable	3 x 1.0	3 x 1.0	3 x 1.5	3 x 2.5
Power & Transmission Cable	4 x 1.0	4 x 1.0	4 x 1.0	4 x 1.0
Dimension	837 x 308 x 189	837 x 308 x 189	998 x 345 x 210	998 x 345 x 210
Net Weight	6.7	6.7	11.9	12.7
Fan Motor Output	30	30	30	38
OUTDOOR	SO9ET UA3	ST12ET UA3	S18ET UI2	S24ET U24
Operation Range	-10 / 48	-10 / 48	-15 / 48	-15 / 48
Sound Pressure	48 / 50	48 / 50	53 / 55	54 / 57
Sound Power	65	65	65	70
Air Flow Rate	2.7	2.7	3.5	4.9
Piping	Liquid (ODU / IDU)	Liquid (ODU / IDU)	Min. / Max.	Min. / Max.
Piping Connection	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
Drain Hose Size	21.5 (27/32)	21.5 (27/32)	21.5 (27/32)	21.5 (27/32)
Refrigerant	Charge at 7.5m	Charge at 7.5m	Additional Charge	Additional Charge
Fan Motor Output	43	43	43	85
Compressor type	Inverter	Inverter	Inverter	Inverter
Net Weight	4.5	4.5	4.5	4.5
Dimension	717 x 495 x 230	717 x 495 x 230	770 x 545 x 288	870 x 650 x 330
ACCESSORIES & OTHERS	Multi Compatible			
PI 485	Y	Y	Y	Y
Dry Contact	-	-	-	-
Wired Remote Controller	Y	Y	Y	Y

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 ※ P-CO₂ eq.: F-gas (kg) GWP/1000
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Single Combination

UNIT	9K	12K	18K	24K
INDOOR	PC09SQ NSJ	PC12SQ NSJ	PC18SQ NSK	PC24SQ NSK
Capacity	0.89 / 2.50 / 3.10 0.89 / 3.30 / 4.10	0.89 / 3.30 / 4.04 0.89 / 4.00 / 5.10	0.90 / 3.07 / 5.30 0.90 / 5.60 / 6.40	0.90 / 5.60 / 7.42 0.90 / 7.50 / 8.64
Power Input	656/800	1,080/1,090	1,562/1,611	2,164/2,238
E.E.E.R.	3.2	3.2	3.2	3.2
P.design C	7.0	6.6	7.0	6.9
COP	4.13	3.81	3.60	3.35
P.design H (Average / Warmer)	4.00 / 4.90	4.00 / 4.90	4.30 / 5.30	4.30 / 5.30
(Energy Label)	A++ / A+++	A+ / A+++	A+ / A+++	A+ / A+++
Annual Energy Consumption	125	186	250	335
Sound Pressure	19 / 27 / 35 / 41	19 / 27 / 35 / 41	31 / 34 / 39 / 44	31 / 34 / 42 / 47
Sound Power	59	59	60	65
Air Flow Rate	3.0 / 4.2 / 7.5 / 10.0	3.0 / 4.2 / 7.5 / 10.0	8.0 / 10.5 / 13.0 / 14.5 / 15.5	8.0 / 10.5 / 13.1 / 14.5 / 18.3
Dehumidification Rate	1.1	1.3	1.8	2.5
Running Current	1.10 / 3.30 / 6.00	1.10 / 4.70 / 6.00	1.20 / 6.90 / 9.00	1.20 / 9.80 / 14.00
Starting Current	1.10 / 4.00 / 7.00	1.10 / 4.70 / 7.00	1.20 / 7.10 / 9.50	1.20 / 10.00 / 14.00
Power Supply	3.30 / 4.00	4.70 / 4.70	6.90 / 7.10	9.80 / 10.00
Circuit Breaker	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable	3 x 1.0	3 x 1.0	3 x 1.5	3 x 2.5
Power & Transmission Cable	4 x 1.0	4 x 1.0	4 x 1.0	4 x 1.0
Dimension	837 x 308 x 189	837 x 308 x 189	998 x 345 x 210	998 x 345 x 210
Net Weight	6.7	6.7	11.9	12.7
Fan Motor Output	30	30	30	38
OUTDOOR	PC09SQ UA3	PC12SQ UA3	PC18SQ UI2	PC24SQ U24
Operation Range	-10 / 48	-10 / 48	-15 / 48	-15 / 48
Sound Pressure	48 / 50	48 / 50	53 / 55	54 / 57
Sound Power	65	65	65	70
Air Flow Rate	2.7	2.7	3.5	4.9
Piping	Liquid (ODU / IDU)	Liquid (ODU / IDU)	Min. / Max.	Min. / Max.
Piping Connection	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
Drain Hose Size	21.5 (27/32)	21.5 (27/32)	21.5 (27/32)	21.5 (27/32)
Refrigerant	Charge at 7.5m	Charge at 7.5m	Additional Charge	Additional Charge
Fan Motor Output	43	43	43	85
Compressor type	Inverter	Inverter	Inverter	Inverter
Net Weight	4.5	4.5	4.5	4.5
Dimension	717 x 495 x 230	717 x 495 x 230	770 x 545 x 288	870 x 650 x 330
ACCESSORIES & OTHERS	Multi Compatible			
PI 485	Y	Y	Y	Y
Dry Contact	-	-	-	-
Wired Remote Controller	Y	Y	Y	Y

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DUALCOOL STANDARD 3



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Single Combination

UNIT	9K	12K	18K	24K
INDOOR				
Capacity	0.89 / 2.50 / 3.25	0.89 / 3.37 / 4.04	0.90 / 3.60 / 5.30	0.90 / 3.57 / 4.04
Power Input	0.89 / 3.50 / 4.10	0.89 / 3.20 / 3.85	0.90 / 3.60 / 4.40	0.90 / 3.57 / 4.04
E.E.E.R.	1.080	1.090	1.061	1.061
S.E.E.R.	3.6	3.6	3.5	3.5
P.Design C	2.50	3.50	5.00	6.50
P.Design H	4.13	3.81	3.60	3.35
P.Design W	4.00 / 4.90	4.00 / 4.90	4.30 / 5.30	4.30 / 5.30
P.Design A (Average / Warmer)	2.50 / 1.30	2.50 / 1.30	3.90 / 2.10	5.00 / 2.70
Energy Label (A++ to A)	A++	A++	A++	A++
Annual Energy Consumption	125	186	250	335
Sound Pressure	19 / 27 / 35 / 41	19 / 27 / 35 / 41	19 / 27 / 35 / 41	19 / 27 / 35 / 41
Sound Power	59	59	60	65
Air Flow Rate	3.0 / 4.2 / 7.5 / 10.0	3.0 / 4.2 / 7.5 / 10.0	8.0 / 10.5 / 13.0 / 14.5	8.0 / 10.5 / 13.1 / 14.3
Dehumidification Rate	5.6 / 7.2 / 10.0	5.6 / 7.2 / 10.0	11.0 / 13.5 / 16.0	11.0 / 14.3 / 17.6
Running Current	1.1	1.3	1.8	2.5
Starting Current	1.10 / 4.00 / 7.00	1.10 / 4.70 / 6.00	1.20 / 6.90 / 9.00	1.20 / 9.80 / 14.00
Power Supply	3.30 / 4.00	4.70 / 4.70	6.90 / 7.10	9.80 / 10.00
Circuit Breaker	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable	3 x 1.0	3 x 1.0	3 x 1.5	3 x 2.5
Power & Transmission Cable	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	837 x 308 x 189	837 x 308 x 189	998 x 345 x 210	998 x 345 x 210
Net Weight	8.7	8.7	11.9	12.7
Fan Motor Output	30	30	30	38
OUTDOOR				
Operation Range	-10 / 48	-10 / 48	-15 / 48	-15 / 48
Sound Pressure	48 / 50	48 / 50	53 / 55	54 / 57
Sound Power	65	65	65	70
Air Flow Rate	27	27	35	49
Piping	3 / 15	3 / 15	3 / 20	3 / 30
Piping Connection	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
Drain Hose Size	9.52 (3/8)	9.52 (3/8)	12.7 (1/2)	15.88 (5/8)
Refrigerant	2.15 (27/32)	2.15 (27/32)	2.15 (27/32)	2.15 (27/32)
Additional Charge	0.700	0.700	1.000	1.100
GWP	0.473	0.473	0.675	0.743
Compressor Type	20	20	20	20
Fan Motor Output	43	43	43	85
Compressor Type	Inverter Twin Rotary	Inverter Twin Rotary	Inverter Twin Rotary	Inverter Twin Rotary
Dimension	717 x 495 x 230	717 x 495 x 230	770 x 545 x 288	870 x 650 x 330
ACCESSORIES & OTHERS				
PI 485	-	-	-	-
Dry Contact	-	-	-	-
Wired Remote Controller	-	-	-	-

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DUALCOOL STANDARD



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Single Combination

UNIT	9K	12K	18K	24K
INDOOR				
Capacity	0.89 / 2.50 / 3.10	0.89 / 3.07 / 4.04	0.90 / 3.60 / 5.30	0.90 / 3.60 / 4.42
Power Input	0.89 / 3.50 / 4.10	0.89 / 3.20 / 3.85	0.90 / 3.60 / 4.40	0.90 / 3.57 / 4.04
E.E.E.R.	1.080	1.090	1.061	1.061
S.E.E.R.	3.6	3.6	3.5	3.5
P.Design C	2.50	3.50	5.00	6.50
P.Design H	4.13	3.81	3.60	3.35
P.Design W	4.00 / 4.90	4.00 / 4.90	4.30 / 5.30	4.30 / 5.30
P.Design A (Average / Warmer)	2.50 / 1.30	2.50 / 1.30	3.90 / 2.10	5.00 / 2.70
Energy Label (A++ to A)	A++	A++	A++	A++
Annual Energy Consumption	125	186	250	335
Sound Pressure	19 / 27 / 35 / 41	19 / 27 / 35 / 41	19 / 27 / 35 / 41	19 / 27 / 35 / 41
Sound Power	59	59	60	65
Air Flow Rate	3.0 / 4.2 / 7.5 / 10.0	3.0 / 4.2 / 7.5 / 10.0	8.0 / 10.5 / 13.0 / 14.5	8.0 / 10.5 / 13.1 / 14.3
Dehumidification Rate	5.6 / 7.2 / 10.0	5.6 / 7.2 / 10.0	11.0 / 13.5 / 16.0	11.0 / 14.3 / 17.6
Running Current	1.1	1.3	1.8	2.5
Starting Current	1.10 / 4.00 / 7.00	1.10 / 4.70 / 6.00	1.20 / 6.90 / 9.00	1.20 / 9.80 / 14.00
Power Supply	3.30 / 4.00	4.70 / 4.70	6.90 / 7.10	9.80 / 10.00
Circuit Breaker	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable	3 x 1.0	3 x 1.0	3 x 1.5	3 x 2.5
Power & Transmission Cable	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	837 x 308 x 189	837 x 308 x 189	998 x 345 x 210	998 x 345 x 210
Net Weight	8.7	8.7	11.9	12.7
Fan Motor Output	30	30	30	38
OUTDOOR				
Operation Range	-10 / 48	-10 / 48	-15 / 48	-15 / 48
Sound Pressure	48 / 50	48 / 50	53 / 55	54 / 57
Sound Power	65	65	65	70
Air Flow Rate	27	27	35	49
Piping	3 / 15	3 / 15	3 / 20	3 / 30
Piping Connection	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
Drain Hose Size	9.52 (3/8)	9.52 (3/8)	12.7 (1/2)	15.88 (5/8)
Refrigerant	2.15 (27/32)	2.15 (27/32)	2.15 (27/32)	2.15 (27/32)
Additional Charge	0.700	0.700	1.000	1.100
GWP	0.473	0.473	0.675	0.743
Compressor Type	20	20	20	20
Fan Motor Output	43	43	43	85
Compressor Type	Inverter Twin Rotary	Inverter Twin Rotary	Inverter Twin Rotary	Inverter Twin Rotary
Dimension	717 x 495 x 230	717 x 495 x 230	770 x 545 x 288	870 x 650 x 330
ACCESSORIES & OTHERS				
PI 485	-	-	-	-
Dry Contact	-	-	-	-
Wired Remote Controller	-	-	-	-

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