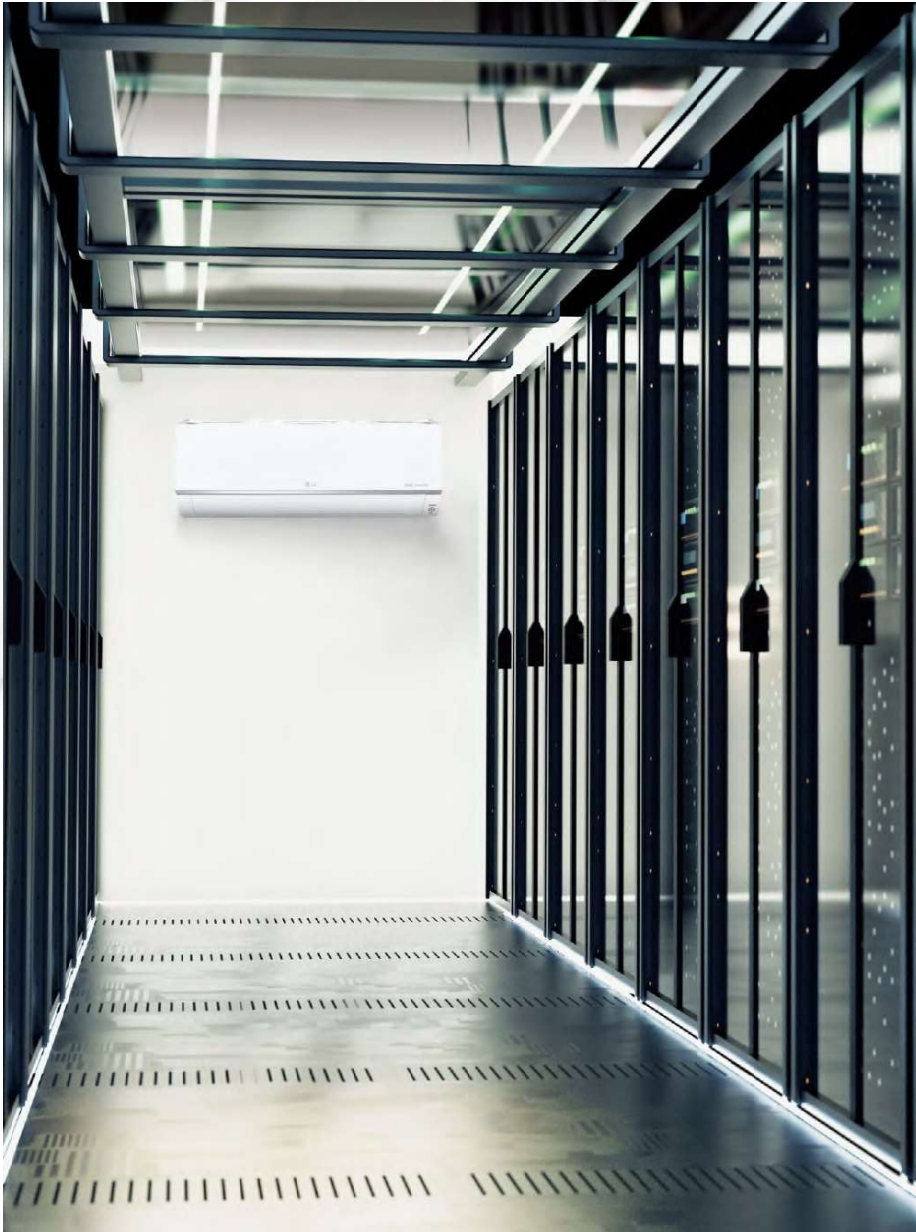


WALL MOUNTED



STANDARD INVERTER (R32)

High Performance with Wide Operation Range

- Operation range (heating) is -20°C ~ 18°C (Min / Max)
- The interior of the air conditioner is maintained clean by drying off the heat exchanger. (Prevents the formation of mold and odors on the heat exchanger)
- The air is comfortably spread up, down, left and rightwards by 6 different discharge angles via the remote control
- Smart sensor (Temperature sensor + Pressure sensor) operation can reach desired Indoor temperature more rapidly.
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone.
- Standard for Wi-Fi (Embedded)
- Standard for wireless controller with the flooring standing unit.

MJ09PC.NSJ / MJ12PC.NSJ



UUA1.ULO



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

COMBINATION				9	12
Capacity	Cooling	Min. / Rated / Max.	kW	1,50 / 2,50 / 3,20	1,50 / 3,50 / 4,00
	Heating	Min. / Rated / Max.	kW	1,80 / 3,20 / 3,70	1,80 / 4,00 / 4,40
Power Input	Cooling	Min. / Rated / Max.	kW	0,30 / 0,58 / 0,84	0,33 / 0,97 / 1,48
	Heating	Min. / Rated / Max.	kW	0,30 / 0,71 / 0,85	0,33 / 1,00 / 1,48
Running Current	Cooling / Heating	Rated	A	2,60 / 3,20	4,40 / 4,50
EER / COP			kWh / kWh	4,30 / 4,50	3,60 / 4,00
SEER / SCOP			kWh / kWh	7,00 / 4,00	6,60 / 4,00
Pdesign	Cooling @ 35°C		kW	2,5	3,5
	Heating @-10°C		kW	2,8	2,8
Seasonal Energy Label		Cooling / Heating	-	A++ / A+	A++ / A+
Annual Energy Consumption		Cooling / Heating	kWh	125 / 980	186 / 980
Dehumidification Rate			l/h	1,90	1,90
ODU Sound Pressure Level*	Cooling	Rated	dB(A)	49	49
	Heating	Rated	dB(A)	52	52
ODU Sound Power Level	Cooling	Rated	dB(A)	65	65
	Heating	Rated	dB(A)	-	-
Piping Connections	Liquid / Gas	Outer Dia.	mm (inch)	06.35 (1/4) / 09.52 (3/8)	06.35 (1/4) / 09.52 (3/8)
	Connections Method			Flare	Flare
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-15 / 50	-15 / 50
	Heating	Min. / Max.	°C	-20 / 18	-20 / 18
INDOOR				MJ09PC.NSJ	MJ12PC.NSJ
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Input	Min. / Nom. / Max.		W	11 / 18 / 30	11 / 19 / 30
Air Flow Rate		H / M / L	m³/min	7.6 / 5.2 / 4.8	8.0 / 6.6 / 5.5
Dimensions	Body	W x H x D	mm	818 x 316 x 189	818 x 316 x 189
	Body		kg (lbs)	8,2 (18,1)	8,2 (18,1)
Weight	Shipping		kg (lbs)	10,2 (22,5)	10,2 (22,5)
	Cooling	H / M / L	dB(A)	36 / 32 / 27	38 / 34 / 29
Sound Pressure Level*	Cooling	Max.	dB(A)	56	56
Sound Power Level	Cooling	Max.	dB(A)	56	56
Piping Connections	Drain	O.D. / I.D.	mm	Ø21.5 / 16.0	Ø21.5 / 16.0
OUTDOOR				UUA1.ULO	
Power Supply			Ø / V / Hz	1 / 220-240 / 50	
Circuit Breaker	Min.		A	15	
Power Supply Cable (included Earth)			No. x mm²	3C x 1.5	
Dimensions	Net	W x H x D	mm	770 x 545 x 288	
	Net		kg	33,3	
Compressor	Type		-	Twin Rotary	
	Type / GWP (Global Warming Potential)		-	R32 / 675	
Refrigerant	Precharged Amount / t-CO ₂ eq.		kg	1,0 / 0,675	
	Control		-	EEV	
	Chargeless		m	10	
	Additional Charging Volume		g/m	20	
Total Piping Length	Air Flow Rate	Rated	m³/min x N _a	28 x 1	
	Min. / Max.		m	5,0 / 30,0	
Piping Elevation	IDU-ODU	Max.	m	30	

* : Sound Pressure is not a value declared on Eurovent Program.

Note:

1. Due to our policy of innovation some specifications may be changed without notification.

2. Performances are based on the following conditions (It is accordance with EN14511)

- Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB

- Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB

- Interconnected Pipe is standard length and difference of Elevation (Outdoor - Indoor Unit) is 0m.

3. Sound Level Values are measured at Noise Measuring chamber accordance with standard, Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.

4. This product contains fluorinated greenhouse gases, (R32)

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※ Specifications may vary by each model or IDU / ODU combination.

STANDARD INVERTER (R32)

High Performance with Wide Operation Range

- Operation range (heating) is -20°C ~ 18°C (Min / Max)
- The interior of the air conditioner is maintained clean by drying off the heat exchanger. (Prevents the formation of mold and odors on the heat exchanger)
- The air is comfortably spread up, down, left and rightwards by 6 different discharge angles via the remote control
- Smart sensor (Temperature sensor + Pressure sensor) operation can reach desired indoor temperature more rapidly.
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone.
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- Standard for wireless controller with the flooring standing unit.



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COMBINATION		18		24	
Capacity	Cooling	Min. / Rated / Max. kW	2,00 / 5,00 / 7,00	2,70 / 6,80 / 7,70	
	Heating	Min. / Rated / Max. kW	2,30 / 5,80 / 6,10	3,00 / 6,90 / 7,24	
Power Input	Cooling	Min. / Rated / Max. kW	0,30 / 1,39 / 2,63	0,40 / 2,00 / 2,57	
	Heating	Min. / Rated / Max. kW	0,30 / 1,71 / 1,96	0,40 / 2,30 / 2,50	
Running Current	Cooling / Heating	Rated A	6,30 / 7,70	9,10 / 10,60	
EER / COP		kWh / kWh	3,61 / 3,40	3,40 / 3,00	
SEER / SCOP		kWh / kWh	6,80 / 4,00	6,70 / 3,90	
Pdesign	Cooling @ 35°C	kW	5,0	6,8	
	Heating @ -10°C	kW	4,1	5,0	
Seasonal Energy Label	Cooling / Heating	-	A++ / A+	A++ / A	
Annual Energy Consumption	Cooling / Heating	kWh	257 / 1,365	355 / 1,795	
Dehumidification Rate		l/h	3,35	3,50	
ODU Sound Pressure Level*	Cooling	Rated dB(A)	47	48	
	Heating	Rated dB(A)	52	52	
ODU Sound Power Level	Cooling	Rated dB(A)	63	65	
	Heating	Rated dB(A)	-	-	
Piping Connections	Liquid / Gas	Outer Dia. mm (inch)	Ø6.35 (1/4) / Ø12.7 (1/2)	Ø9.52 (3/8) / Ø15.88 (5/8)	
	Connections Method		Flare	Flare	
Operation Range (Outdoor)	Cooling	Min. / Max. °C	-15 / 50	-20 / 50	
	Heating	Min. / Max. °C	-20 / 18	-20 / 18	
INDOOR			MJ18PC.NSK	MJ24PC.NSK	
Power Supply		Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	
Power Input	Min. / Nom. / Max.	W	26 / 39 / 60	27 / 45 / 60	
Air Flow Rate	H / M / L	m³/min	15.8 / 12.4 / 10.0	16.9 / 12.8 / 10.4	
Dimensions	Body	W x H x D mm	975 x 354 x 209	975 x 354 x 209	
	Weight	kg (lbs)	10.9 (24.0)	11.5 (25.4)	
Sound Pressure Level*	Cooling	H / M / L dB(A)	44 / 38 / 34	46 / 41 / 36	
	Sound Power Level	Cooling Max dB(A)	59	65	
Piping Connections	Drain	O.D. / I.D. mm	Ø21.5 / 16.0	Ø21.5 / 16.0	
OUTDOOR			UUB1.U20	UUC1.U40	
Power Supply		Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	
Circuit Breaker	Min	A	20	25	
Power Supply Cable (included Earth)		No. x mm²	3C x 2.5	3C x 2.5	
Dimensions	Net	W x H x D mm	870 x 650 x 330	950 x 834 x 330	
	Weight	kg	44.5	57.7	
Compressor	Type		Twin Rotary	Twin Rotary	
	Type / GWP (Global Warming Potential)		R32 / 675	R32 / 675	
Refrigerant	Precharged Amount / t-CO ₂ eq.	kg	1.2 / 0,810	1.9 / 1,283	
	Control		EEV	EEV	
	Chargeless	m	10	20	
	Additional Charging Volume	g/m	20	40	
Total Piping Length	Air Flow Rate	Rated m³/min x No.	50 x 1	58 x 1	
	Min. / Max. m		5,0 / 35,0	5,0 / 50,0	
Piping Elevation	IDU-ODU	Max. m	30	30	

* : Sound Pressure is not a value declared on Eurovent Program.

Note:

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 - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
 - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
 - Interconnected Pipe is standard length and difference of Elevation (Outdoor - Indoor Unit) is 0m,
- Sound Level Values are measured at Noise Measuring chamber accordance with standard, Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
- This product contains fluorinated greenhouse gases, (R32)
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STANDARD INVERTER (R32)

High Performance with Wide Operation Range

- Operation range (heating) is -20°C ~ 18°C (Min / Max) for US30F
- Operation range (heating) is -25°C ~ 18°C (Min / Max) for US36F
- The interior of the air conditioner is maintained clean by drying off the heat exchanger. (Prevents the formation of mold and odors on the heat exchanger)
- The air is comfortably spread up, down, left and rightwards by 6 different discharge angles via the remote control.
- Smart sensor (Temperature sensor + Pressure sensor) operation can reach desired Indoor temperature more rapidly.
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone.
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COMBINATION		30		36		36	
Capacity	Cooling	Min. / Rated / Max. kW	3,2 / 8,0 / 9,0	3,8 / 9,5 / 12,5	3,8 / 9,5 / 12,5		
	Heating	Min. / Rated / Max. kW	3,6 / 9,0 / 10,0	4,3 / 10,8 / 13,4	4,3 / 10,8 / 13,4		
Power Input (Set)	Cooling	Min. / Rated / Max. kW	0,50 / 2,28 / 3,17	0,30 / 2,57 / 3,91	0,30 / 2,57 / 3,91		
	Heating	Min. / Rated / Max. kW	0,50 / 2,5 / 3,20	0,50 / 2,77 / 3,77	0,50 / 2,77 / 3,77		
Running Current	Cooling / Heating	Rated A	10,1 / 11,1	11,4 / 12,2	4,1 / 4,4		
EER / COP		kWh / kWh	3,51 / 3,50	3,70 / 3,90	3,70 / 3,90		
SEER / SCOP		kWh / kWh	7,0 / 4,3	6,10 / 3,85	6,10 / 3,85		
Pdesign	Cooling @ 35°C	kW	8	9,5	9,5		
	Heating @ -10°C	kW	5,4	8,7	8,7		
Seasonal Energy Label	Cooling / Heating	-	A++ / A+	A++ / A	A++ / A		
Annual Energy Consumption	Cooling / Heating	kWh	400 / 1,758	545 / 3,164	545 / 3,164		
Dehumidification Rate		l/h	2,9	3,8	3,8		
ODU Sound Pressure Level*	Cooling / Heating	Rated dB(A)	50 / 52	50 / 50	50 / 50		
	ODU Sound Power Level	Cooling Rated dB(A)	68	66	66		
Piping Connections	Liquid / Gas	mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)		
	Connections Method		Flared	Flared	Flared		
Operation Range (Outdoor)	Cooling	Min. / Max. °C	-20 - 50	-20 - 52	-20 - 52		
	Heating	Min. / Max. °C	-20 - 18	-25 - 18	-25 - 18		
INDOOR			US30F.NR0	US36F.NR0	US36F.NR0		
Power Supply		Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50		
Power Input (IDU)		H / M / L W	47 / 42 / 36	65 / 47 / 42	65 / 47 / 42		
Air Flow Rate		H / M / L m³/min	21 / 17 / 13	25 / 21 / 17	25 / 21 / 17		
Dimensions	Body	W x H x D mm	1,200 x 360 x 265	1,200 x 360 x 265	1,200 x 360 x 265		
	Weight	kg	18,3	18,3	18,3		
Sound Pressure Level*	Cooling	H / M / L dB(A)	46,0 / 42,0 / 38,0	51,0 / 46,0 / 42,0	51,0 / 46,0 / 42,0		
	Sound Power Level	Cooling Max. dB(A)	62	65	65		
Piping Connections	Drain	O.D. / I.D. mm	Ø21.5 / 16.0	Ø21.5 / 16.0	Ø21.5 / 16.0		
OUTDOOR			UUC1.U40	UUD1.U30	UUD3.U30		
Power Supply		Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	3 / 380-415 / 50		
Circuit Breaker	Min.	A	25	40	20		
Power Supply Cable (Included Earth)		No x mm²	3C x 2,5	3C x 6,0	5C x 2,5		
Dimensions	Net	W x H x D mm	950 x 834 x 330	950 x 1,380 x 330	950 x 1,380 x 330		
	Weight	kg	57,7	85	85		
Compressor	Type		Twin Rotary	Inverter Scroll	Inverter Scroll		
	Type / GWP (Global Warming Potential)		R32 / 675	R32 / 675	R32 / 675		
Refrigerant	Precharged Amount / t-CO ₂ eq.	kg	1,9 / 1,283	3,0 / 2,025	3,0 / 2,025		
	Chargeless	m	20	20	20		
	Additional Charging Volume	g/m	40	40	40		
	Fan	Air Flow Rate	Rated m³/min x No.	58 x 1	55 x 2	55 x 2	
Total Piping Length		Min. / Max. m	5 / 50	5 / 85	5 / 85		
Piping Elevation	IDU - ODU	Max. m	30	30	30		

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