Wi-Fi R32



DUAL Inverter Heat Pump

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

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Create a Comfortable Home with Lower Energy Use

- Pre-Cool & Heat by ThinQ App.
- Matte Design.
- Seamless Control with ThinQ App : Manage your air conditioner and other LG products effortlessly from anywhere, anytime.
- Active Energy Control : Efficiently adjust energy consumption levels and cooling capacity in Cooling Only mode.
- Auto Cleaning : Ensures a clean air conditioner interior by drying the heat exchanger and performing an additional cleaning cycle.
- Gold Fin™ Coating : Protects the heat exchanger from unnecessary wear and corrosion, enhancing durability.
- Low Heating protects your home from freezing temperatures.
- KW Manager adjusts operations based on your energy-saving goals.

Single Combination

SET UNIT				EZ09CSS.SSJ	EZ12CSS.SSJ	EZ18CSS.SSK	EZ24CSS.SSK
Cooling	Capacity	Min ~ Rated ~ Max	kW	0.89 ~ 2.5 ~ 3.7	0.89 ~ 3.5 ~ 4.04	0.9 ~ 5.0 ~ 5.5	0.9 ~ 6.6 ~ 7.42
	Power Input	Min ~ Rated ~ Max	W	200 ~ 656 ~ 1,400	200 ~ 1,080 ~ 1,400	210 ~ 1,562 ~ 1,940	210 ~ 2,164 ~ 2,500
	Running Current	Min ~ Rated ~ Max	A	1.1 ~ 3.3 ~ 6.0	1.1 ~ 4.7 ~ 6.0	1.2 ~ 6.9 ~ 9.0	1.2 ~ 9.8 ~ 14.0
	EER		W/W	3.81	3.24	3,2	3.05
	SEER		-	7.0	6.6	7.0	6.9
	Pdesign C		kW	2.5	3.5	5.0	6.6
	Energy Label Grade (A+++ to D Scale)		-	A++	A++	A++	A++
	Annual Energy Consumption		kWh	125	186	250	335
Heating	Capacity	Min ~ Rated ~ Max	kW	0.89 ~ 2.8 ~ 4.1	0.89 ~ 3.71 ~ 5.1	0.9 ~ 5.4 ~ 6.4	0.9 ~ 7.0 ~ 8.64
		Max (-7°C)	kW	2.6	3.0	4.2	6.0
	Power Input	Min ~ Rated ~ Max	W	195 ~ 620 ~ 1,600	195 ~ 950 ~ 1,600	210 ~ 1,480 ~ 2,000	210 ~ 2,030 ~ 2,750
	Running Current	Min ~ Rated ~ Max	A	1.1 ~ 2.8 ~ 7.0	1.1 ~ 4.3 ~ 7.0	1.2 ~ 6.7 ~ 9.5	1.2 ~ 9.1 ~ 14.0
	COP		W/W	4.52	3.91	3.65	3.45
	SCOP (Average / Warmer)	Average (Warmer)	-	4.0 (4.9)	4.0 (4.9)	4.3 (5.3)	4.3 (5.3)
	Pdesign H		kW	2.5	2.5	3.9	5
	Energy Label Grade (A+++ to D Scale)	Average (Warmer)	-	A+ (A+++)	A+ (A+++)	A+ (A+++)	A+ (A+++)
	Annual Energy Consumption	Average (Warmer)	kWh	875 (386)	875 (386)	1,270 (555)	1,628 (713)
INDOOR UNIT				**EZ09CSN.CSJ1**	**EZ12CSN.CSJ1**	**EZ18CSN.CSK1**	**EZ24CSN.CSK1**
Dimensions (W x H x D)		Net	mm	837 x 308 x 189	837 x 308 x 189	998 x 345 x 210	998 x 345 x 210
		Shipping	mm	882 x 371 x 230	882 x 371 x 230	1,053 x 424 x 278	1,053 x 424 x 278
Weight		Net	kg	8.7	8.7	11.2	11.9
Air Filter Type				Pre Filter (Washable)	Pre Filter (Washable)	Pre Filter (Washable)	Pre Filter (Washable)
Air Flow Rate	Cooling	L / M / H / SH	m^3/min	4.2 / 7.5 / 10.0 / 12.5	4.2 / 7.5 / 10.0 / 12.5	10.5 / 13.0 / 14.5 / 15.5	10.5 / 13.1 / 16.1 / 18.3
	Heating	L / M / H / SH	m^3/min	5.6 / 7.2 / 10.0 / 13.0	5.6 / 7.2 / 10.0 / 13.0	11.0 / 13.5 / 16.0 / 18.5	11.0 / 14.3 / 17.6 / 19.8
Sound Pressure Level*	Cooling	SL / L / M / H / SH	dB(A)	19 / 27 / 35 / 41 / 45	19 / 27 / 35 / 41 / 45	31 / 34 / 39 / 44 / 47	31 / 34 / 42 / 47 / 49
	Heating	L / M / H / SH	dB(A)	27 / 35 / 41 / 45	27 / 35 / 41 / 45	34 / 39 / 44 / 48	34 / 42 / 47 / 50
Sound Power Level			dB(A)	59	59	60	65
Moisture Removal			l/h	1.1	1.3	1.8	2.5
Drain Hose Size		O.D, I.D	mm	21.5 , 16	21.5 , 16	21.5 , 16	21.5 , 16
OUTDOOR UNIT				**EZ09CSU.CA31**	**EZ12CSU.CA31**	**EZ18CSU.CL21**	**EZ24CSU.C241**
Dimensions (W x H x D)		Net	mm	717 x 495 x 230	717 x 495 x 230	770 x 545 x 288	870 x 650 x 330
		Shipping	mm	837 x 531 x 317	837 x 531 x 317	919 x 599 x 392	1,026 x 683 x 446
Weight		Net	kg	25.2	25.2	32.8	44.4
Air Flow Rate		Max	m^3/min	27	27	35	49
Sound Pressure Level*	Cooling	Rated	dB(A)	48	48	53	54
	Heating	Rated	dB(A)	50	50	55	57
Sound Power Level		Rated	dB(A)	65	65	65	70
Operation Range	Cooling		°C DB	-10 ~ 48	-10 ~ 48	-10 ~ 48	-10 ~ 48
	Heating		°C DB	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24
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			No. x mm^2	3 x 1.0	3 x 1.0	3 x 1.5	3 x 2.5
Power and Communication Cable			No. x mm^2	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675	R32 / 675	R32 / 675
	Pre Charged Amount / t-CO_2eq		kg	0.7 / 0.473	0.7 / 0.473	1.0 / 0.675	1.1 / 0.743
	Chargeless		m	7.5	7.5	7.5	7.5
	Additional Charge		g/m	20	20	20	20
Piping	Size	Liquid	mm	Ø 6.35	Ø 6.35	Ø 6.35	Ø 6.35
		Gas	mm	Ø 9.52	Ø 9.52	Ø 12.7	Ø 15.88
Piping Connection	Piping Length	Min / Standard / Max	m	3 / 7.5 / 15	3 / 7.5 / 15	3 / 7.5 / 20	3 / 7.5 / 30
		No Charge (Chargeless)	m	7.5	7.5	7.5	7.5
	Max. Elevation Difference		m	7	7	10	15
Compressor	Type		-	DUAL Inverter HeatPump	DUAL Inverter HeatPump	DUAL Inverter HeatPump	DUAL Inverter HeatPump
ACCESSORIES & OTHERS							
Multi Compatible				Yes	Yes	Yes	Yes
PI485				-	-	Yes	Yes
Dry Contact				Yes	Yes	Yes	Yes
Wired Remote Controller				Yes	Yes	Yes	Yes

* : Sound Pressure is not a value declared on Eurovent Program.
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- Pre-Cool & Heat by ThinQ App.
- Seamless Control with ThinQ App : Manage your air conditioner and other LG products effortlessly from anywhere, anytime.
- Dual Sensing determines the difference between the indoor temperature and the user's surrounding (remote control) temperature.
- Auto Cleaning : Ensures a clean air conditioner interior by drying the heat exchanger and performing an additional cleaning cycle.
- Matte Design.

Single Combination

SET UNIT				WZ09AWS.SNU	WZ12AWS.SNU	WZ18AWS.SNU	WZ24AWS.SNU
Cooling	Capacity	Min ~ Rated ~ Max	kW	0.94 ~ 2.50 ~ 3.40	1.00 ~ 3.45 ~ 3.75	1.50 ~ 5.50 ~ 5.30	1.50 ~ 6.95 ~ 7.35
	Power Input	Min ~ Rated ~ Max	W	240 ~ 769 ~ 1,380	160 ~ 1,062 ~ 1,700	330 ~ 1,563 ~ 2,340	460 ~ 2,152 ~ 2,700
	Running Current	Min ~ Rated ~ Max	A	1.2 ~ 5.3 ~ 8.0	1.2 ~ 4.8 ~ 7.4	1.7 ~ 6.9 ~ 12.0	2.0 ~ 9.3 ~ 12.8
	EER		W/W	3.25	3.25	3.23	3.23
	SEER		-	6.1	6.1	6.1	6.5
	Pdesign C		kW	2.5	3.4	5.0	6.9
	Energy Label Grade (A+++ to D Scale)		-	A++	A++	A++	A++
	Annual Energy Consumption		kWh	143	198	290	374
Heating	Capacity	Min ~ Rated ~ Max	kW	0.94 ~ 2.75 ~ 3.50	1.00 ~ 3.50 ~ 3.80	1.50 ~ 5.10 ~ 6.00	1.50 ~ 6.95 ~ 7.80
		Max (-7°C)	kW	2.20	2.15	3.56	4.55
	Power Input	Min ~ Rated ~ Max	W	240 ~ 733 ~ 1,552	150 ~ 944 ~ 1,350	340 ~ 1,375 ~ 2,520	460 ~ 1,873 ~ 2,650
	Running Current	Min ~ Rated ~ Max	A	1.2 ~ 4.8 ~ 9.0	1.3 ~ 4.5 ~ 6.5	1.7 ~ 6.5 ~ 13.0	2.0 ~ 8.2 ~ 13.0
	COP		W/W	3.75	3.71	3.71	3.71
	SCOP (Average / Warmer)	Average (Warmer)	-	4.0 (5.1)	4.0 (5.1)	4.0 (5.1)	4.0 (5.1)
	Pdesign H		kW	2.4	2.5	4.1	5.2
	Energy Label Grade (A+++ to D Scale)	Average (Warmer)	-	A+ (A+++)	A+ (A+++)	A+ (A+++)	A+ (A+++)
	Annual Energy Consumption	Average (Warmer)	kWh	858 (659)	875 (878)	1,435 (1,373)	1,820 (1,702)
INDOOR UNIT				**WZ09AWN.SNU1**	**WZ12AWN.SNU1**	**WZ18AWN.SNU1**	**WZ24AWN.SNU1**
Dimensions (W x H x D)		Net	mm	781 x 274 x 197	913 x 309 x 204	913 x 309 x 204	1,008 x 325 x 228
		Shipping	mm	840 x 335 x 255	979 x 378 x 265	979 x 378 x 265	1,096 x 390 x 297
Weight		Net	kg	7.6	9.2	9.3	11.8
Air Filter Type				Pre Filter (Washable)	Pre Filter (Washable)	Pre Filter (Washable)	Pre Filter (Washable)
Air Flow Rate	Cooling	L / M / H / SH	m^3/min	9.7 / 8.5 / 6.5 / 5.5 / 2.8	9.7 / 8.5 / 7.3 / 5.6 / 4.8	14.3 / 12.8 / 9.8 / 7.7 / 6.8	16.7 / 13.2 / 11.8 / 9.5 / 8.2
	Heating	L / M / H / SH	m^3/min	9.2 / 7.8 / 6.3 / 4.8 / 3.5	8.8 / 7.2 / 5.8 / 4.5 / 4.0	12.8 / 11.0 / 9.2 / 7.2 / 5.3	24.5 / 21.7 / 16.7 / 12.0 / 8.3
Sound Pressure Level*	Cooling	SL / L / M / H / SH	dB(A)	42 / 39 / 35 / 31 / 27	38 / 35 / 32 / 27 / 25	48 / 46 / 40 / 34 / 31	52 / 49 / 43 / 38 / 37
	Heating	L / M / H / SH	dB(A)	44 /40 / 35 / 31 / 27	46 / 35 / 31 / 27 / 25	57 / 45 / 39 / 34 / 30	61 / 49 / 43 / 38 / 34
Sound Power Level			dB(A)	54	55	60	65
Moisture Removal			l/h	1.0	1.2	1.5	1.8
Drain Hose Size		O.D, I.D	mm	19.0, 16.0	19.0, 16.0	19.0, 16.0	19.0, 16.0
OUTDOOR UNIT				**WZ09AWU.SUU1**	**WZ12AWU.SUU1**	**WZ18AWU.SUU1**	**WZ24AWU.SUU1**
Dimensions (W x H x D)		Net	mm	712 x 459 x 276	787 x 498 x 290	863 x 602 x 349	927 x 699 x 380
		Shipping	mm	765 x 481 x 310	818 x 515 x 325	890 x 628 x 385	950 x 732 x 420
Weight		Net	kg	20.0	21.1	30.2	38.0
Air Flow Rate		Max	m^3/min	28.3	28.3	34.0	39.0
Sound Pressure Level*	Cooling	Rated	dB(A)	54 / 54	54 / 54	55 / 55	58 / 58
	Heating	Rated	dB(A)	53 / 54	54 / 54	55 / 55	60 / 60
Sound Power Level		Rated	dB(A)	64	65	65	69
Operation Range	Cooling		°C DB	-15 ~ 48	-15 ~ 48	-15 ~ 48	-15 ~ 48
	Heating		°C DB	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24
Power Supply			Ø, V, Hz	1, 220 ~ 240, 50	1, 220 ~ 240, 50	1, 220 ~ 240, 50	1, 220 ~ 240, 50
Circuit Breaker			A	16	16	16	16
Power Supply Cable			No. x mm^2	3 x 1.5	3 x 1.5	3 x 1.5	3 x 1.5
Power and Communication Cable			No. x mm^2	4 x 0.75	4 x 0.75	4 x 0.75	4 x 0.75
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675	R32 / 675	R32 / 675
	Pre Charged Amount / t-CO_2eq		kg	0.52 / 0.351	0.54 / 0.365	0.78 / 0.527	1.00 / 0.675
	Chargeless		m	5	5	5	5
	Additional Charge		g/m	16	16	16	16
Piping	Size	Liquid	mm	Ø 6.35 (1/4")	Ø 6.35 (1/4")	Ø 6.35 (1/4")	Ø 6.35 (1/4")
		Gas	mm	Ø 9.52 (3/8")	Ø 9.52 (3/8")	Ø 9.52 (3/8")	Ø 12.7 (1/2")
Piping Connection	Piping Length	Min / Standard / Max	m	3 / 5 / 15	3 / 5 / 15	3 / 5 / 15	3 / 5 / 15
		No Charge (Chargeless)	m	5	5	5	5
	Max. Elevation Difference		m	10	10	10	10
Compressor	Type		-	Single Rotary	Single Rotary	Single Rotary	Single Rotary
ACCESSORIES & OTHERS							
Multi Compatible				-	-	-	-
PI485				-	-	-	-
Dry Contact				-	-	-	-
Wired Remote Controller				-	-	-	-

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Multi Combination

INDOOR				MS07EZ.NSJ	EZ09CSN.CSJ1	EZ12CSN.CSJ1
Capacity	Cooling	Rated	W	2,100	2,500	3,500
	Heating	Rated	W	2,300	2,800	3,710
Sound Pressure*	Cooling	SL / L / M / H / SH	dB(A)	- / 27 / 32 / 35 / -	19 / 27 / 35 / 41 / 45	19 / 27 / 35 / 41 / 45
	Heating	L / M / H / SH	dB(A)	- / 27 / 32 / 35	27 / 35 / 41 / 45	27 / 35 / 41 / 45
Sound Power	Cooling	Power	dB(A)	57	59	59
Air Flow Rate	Cooling	L / M / H / SH	m^3/min	5.6 / 7.2 / 8.6 / -	4.2 / 7.5 / 10.0 / 12.5	4.2 / 7.5 / 10.0 / 12.5
	Heating	L / M / H / SH	m^3/min	5.6 / 7.2 / 8.6 / -	5.6 / 7.2 / 10.0 / 13.0	5.6 / 7.2 / 10.0 / 13.0
Dehumidification Rate			l/h	1.0	1.1	1.3
Power Supply			Ø / V / Hz	1 / 220 - 240 / 50	1 / 220 - 240 / 50	1 / 220 - 240 / 50
Power and Communication Cable			No. x mm^2	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Weight		Net	kg	8.7	8.7	8.7
Air Filter Type				Pre Filter (Washable)	Pre Filter (Washable)	Pre Filter (Washable)
Dimensions (W x H x D)		Net	mm	837 x 308 x 189	837 x 308 x 189	837 x 308 x 189
ACCESSORIES & OTHERS						
Wall Type Single Split Compatible				Y	Y	Y
Commercial Single Split Compatible				-	-	-
Dry Contact				Y	Y	Y
Wired Remote Controller				Y	Y	Y
ThinQ (Embedded Wi-Fi)				Y	Y	Y

INDOOR				EZ18CSN.CSK1	EZ24CSN.CSK1
Capacity	Cooling	Rated	W	5,000	6,600
	Heating	Rated	W	5,400	7,000
Sound Pressure*	Cooling	SL / L / M / H / SH	dB(A)	31 / 34 / 39 / 44 / 47	31 / 34 / 42 / 47 / 49
	Heating	L / M / H / SH	dB(A)	34 / 39 / 44 / 47	34 / 42 / 47 / 50
Sound Power	Cooling	Power	dB(A)	60	65
Air Flow Rate	Cooling	L / M / H / SH	m^3/min	10.5 / 13.0 / 14.5 / 15.5	10.5 / 13.1 / 16.1 / 18.3
	Heating	L / M / H / SH	m^3/min	11.0 / 13.5 / 16.0 / 18.5	11.0 / 14.3 / 17.6 / 19.8
Dehumidification Rate			l/h	1.8	2.5
Power Supply			Ø / V / Hz	1 / 220 - 240 / 50	1 / 220 - 240 / 50
Power and Communication Cable			No. x mm^2	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Weight		Net	kg	11.2	11.9
Air Filter Type				Pre Filter (Washable)	Pre Filter (Washable)
Dimensions (W x H x D)		Net	mm	998 x 345 x 210	998 x 345 x 210
ACCESSORIES & OTHERS					
Wall Type Single Split Compatible				Y	Y
Commercial Single Split Compatible				-	-
Dry Contact				Y	Y
Wired Remote Controller				Y	Y
ThinQ (Embedded Wi-Fi)				Y	Y

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NOTE