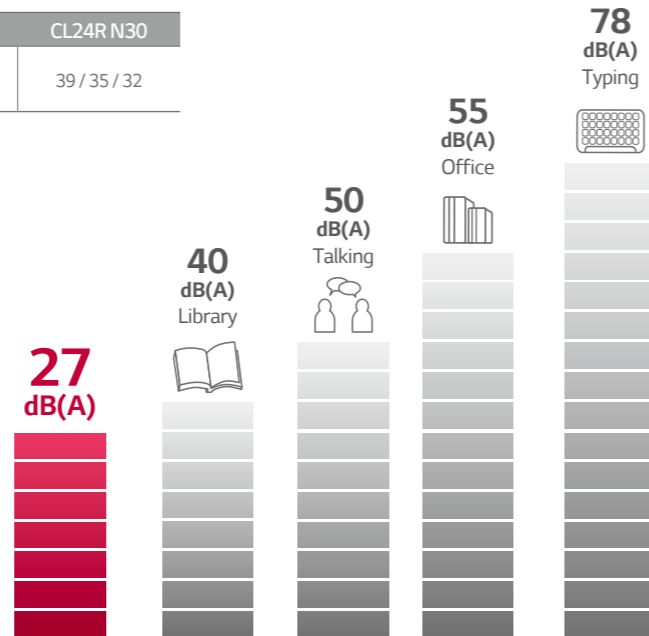


CEILING CONCEALED DUCT (LOW STATIC PRESSURE)

Quiet Operation

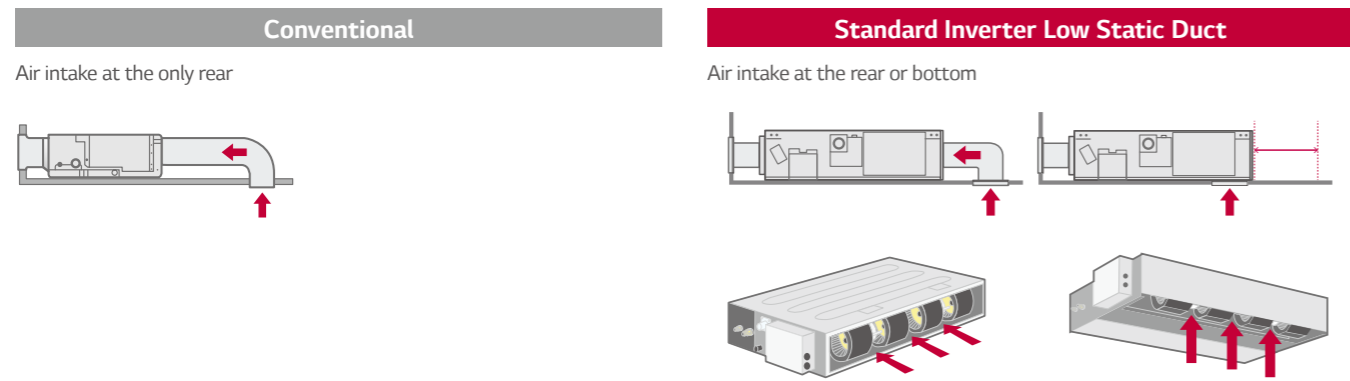
The noise level of low static ducts have been reduced, even though ESP has been increased.

	CL09R N20	CL12R N20	CL18R N20	CL24R N30
Sound Pressure (High / Medium / Low)	31 / 28 / 27	31 / 28 / 27	36 / 34 / 31	39 / 35 / 32



Flexible Installation

Standard Inverter low static duct allows the air intake at the rear or bottom under installation condition.



CEILING CONCEALED DUCT



STANDARD INVERTER (R32)

HIGH STATIC PRESSURE
- CM18R / CM24R



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

UU18WR

UU24WR



INDOOR				CM18R N10	CM24R N10
Capacity	Cooling	Min / Nom / Max	kW	1.8 / 5.0 / 6.0	2.8 / 6.8 / 7.8
	Heating	Min / Nom / Max	kW	2.2 / 6.0 / 7.2	3.2 / 7.5 / 8.3
Low Temperature Capacity	Heating -7°C	Max	kW	5.4	7.2
		Nom	kW	1.46	2.03
Power Input (Set)	Heating	Nom	kW	1.60	2.20
		Min / Max (ESP 2.5mmAq)	W	50 / 80	50 / 90
Power Input (Indoor)	Min / Max (ESP 8.0mmAq)	W	90 / 160	100 / 180	
		Running Current	Cooling / Heating	Nom	A
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
EER				3.42	3.35
COP				3.74	3.40
SEER				6.30	6.81
SCOP				4.15	4.01
Pdesign (@-10°C)			kW	4.1	5.4
Seasonal Energy Label	Cooling / Heating (A++ to E Scale)			A++ / A+	A++ / A+
Annual Energy Consumption	Cooling / Heating		kWh	278 / 1,383	350 / 1,890
		Liquid	mm (inch)	Ø 6.35 (1/4)	Ø 9.52 (3/8)
Piping Connection	Gas		mm (inch)	Ø 2.7 (1/2)	Ø 15.88 (5/8)
	Drain	O.D. / I.D.	mm	32.0 / 25.0	32.0 / 25.0
	Air Flow Rate	High / Medium / Low	m ³ /min	16.5 / 14.5 / 13.0	18.0 / 16.5 / 14.5
Sound Pressure	Cooling	High / Medium / Low	dB(A)	34 / 32 / 30	35 / 34 / 32
Sound Power	Cooling	Max	dB(A)	59	60
Dehumidification Rate			l/h	1.5	2.5
Dimensions	Body	W x H x D	mm	900 x 270 x 700	900 x 270 x 700
Net Weight	Body		kg	26.5	26.5
External Static Pressure		Min - Max	mmAq (Pa)	2.5-15 (25-147)	2.5-15 (25-147)

OUTDOOR				UU18WR U20	UU24WR U40
Compressor	Type			Twin Rotary	Twin Rotary
AirFlow Rate	Cooling	Nom	m ³ /min	50	58
		Nom	dB(A)	47	48
Sound Pressure	Heating	Nom	dB(A)	52	52
		Max	dB(A)	63	67
Sound Power	Cooling	Max	dB(A)	63	67
Dimensions	W x H x D		mm	870 x 650 x 330	950 x 834 x 330
Net Weight			kg	44.8	56.1
Refrigerant	Type			R32	R32
	Charge		g	1,100	1,600
	Additional Charge (after 7.5m)		g/m	20	35
	GWP			675	675
	t-CO ₂ eq			0.74	1.08
Operation Range (Outdoor)	Cooling	Min - Max	°C DB	-15 - 48	-15 - 48
		Min - Max	°C WB	-18 - 18	-18 - 18
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			No. x mm ²	3C x 2.5	3C x 2.5
Transmission Cable			No. x mm ²	4C x 0.75	4C x 0.75
Circuit Breaker			A	20	25
Piping Length Total		Min - Max	m	5 - 30	5 - 50
Piping Elevation Difference	IDU - ODU	Max	m	30	30
		Liquid	mm (inch)	Ø 6.35 (1/4)	Ø 9.52 (3/8)
Piping Connection	Gas		mm (inch)	Ø 12.7 (1/2)	Ø 15.88 (5/8)

Note: 1. Due to our policy of innovation some specifications may be changed without notification.
 2. Definition of Power Input Nominal conditions - Performance tested under EN14511
 3. Capacities are based on the following conditions:
 Cooling : - Indoor Temperature 27°C DB / 19°C WB - Outdoor Temperature 35°C DB / 24°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB - Outdoor Temperature 7°C DB / 6°C WB
 4. Annual energy consumption : based on average use of 350 running hours in cooling and 1,400 hours in heating per year at seasonal condition
 5. This product contains fluorinated greenhouse gases (R32)