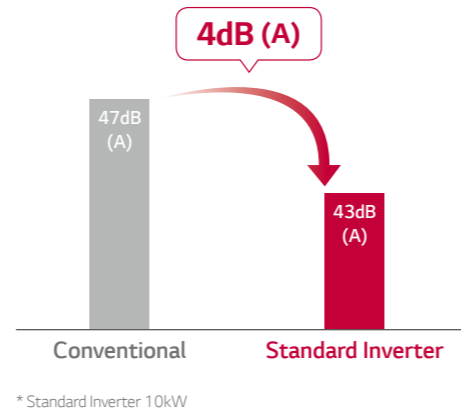
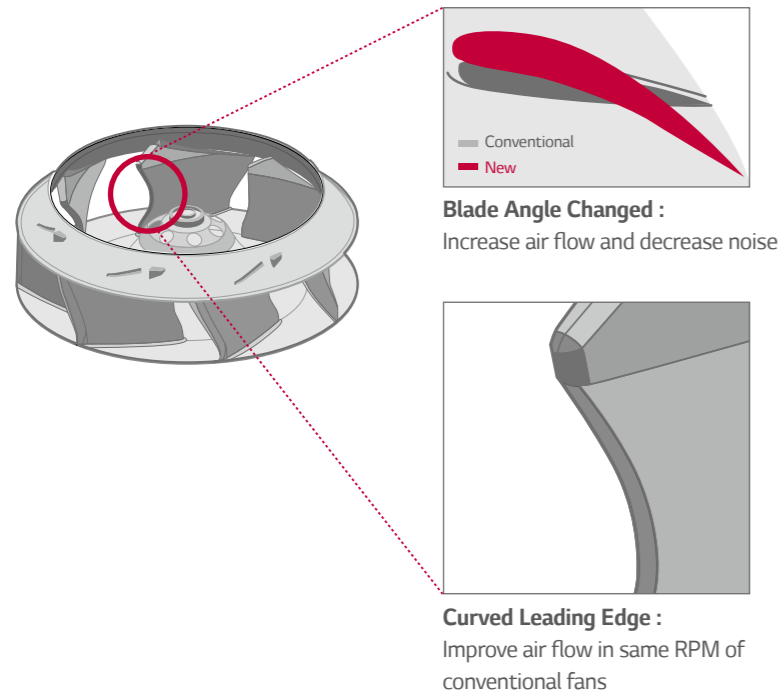


# CEILING MOUNTED CASSETTE

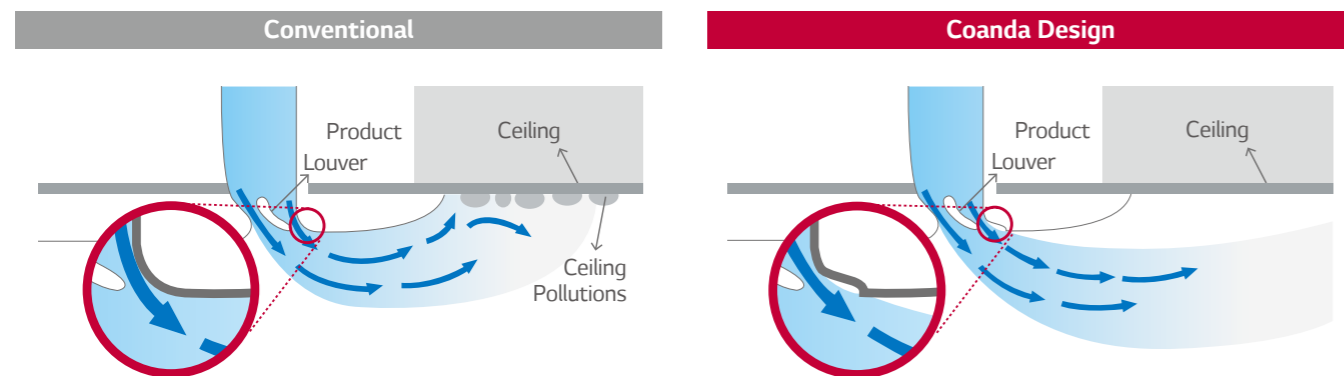
## Quiet Operation with 3D Fan

New technology of 3D fan is applied to H-Inverter cassettes 10 ~ 14kW. It increases air flow but reduces noise.



## Prevent Ceiling Pollution

Coanda design of air outlet can prevent contamination of ceiling.



# CEILING MOUNTED CASSETTE



## STANDARD INVERTER (R32)

CT09R  
CT12R  
CT18R  
CT24R



UU09WR  
UU12WR

UU18WR

UU24WR



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

INDOOR				CT09R NRO	CT12R NRO	CT18R NQO	CT24R NPO
Capacity	Cooling	Min / Nom / Max	kW	1.0 / 2.5 / 2.8	1.4 / 3.4 / 3.9	2.0 / 5.0 / 5.7	2.84 / 6.8 / 7.8
	Heating	Min / Nom / Max	kW	1.2 / 3.2 / 3.4	1.6 / 4.0 / 4.6	2.2 / 5.8 / 6.8	3.2 / 8.0 / 8.8
Low Temperature Capacity	Heating -7°C	Max	kW	2.7	3.6	4.9	7.2
	Cooling	Nom	kW	0.63	0.97	1.56	1.94
Power Input (Set)	Heating	Nom	kW	0.75	1.12	1.66	2.00
	Power Input (Indoor)	Min / Nom / Max	W	10 / 20 / 20	10 / 20 / 20	10 / 30 / 40	20 / 50 / 60
Running Current	Cooling / Heating	Nom	A	2.7 / 3.5	4.3 / 5.0	7.1 / 7.5	8.6 / 8.8
Power Supply		Ø / V / Hz		1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
EER				4.00	3.51	3.21	3.51
COP				4.00	3.58	3.49	4.00
SEER				6.77	6.58	6.25	7.70
SCOP				4.36	4.40	4.25	4.60
Pdesign (@-10°C)			kW	3.0	3.0	4.1	5.8
Seasonal Energy Label	Cooling / Heating (A++ to E Scale)			A++ / A+	A++ / A+	A++ / A+	A++ / A+
Annual Energy Consumption	Cooling / Heating		kWh	129 / 963	181 / 955	280 / 1,351	309 / 1,765
	Liquid		mm (inch)	Ø 6.35 (1/4)	Ø 6.35 (1/4)	Ø 6.35 (1/4)	Ø 9.52 (3/8)
Piping Connection	Gas		mm (inch)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 12.7 (1/2)	Ø 15.88 (5/8)
	Drain		mm	32 / 25	32 / 25	32 / 25	32 / 25
	O.D. / I.D.						
Air Flow Rate	High / Medium / Low		m³/min	8.5 / 7.0 / 6.0	9.5 / 8.0 / 7.0	13.0 / 12.0 / 11.0	17.0 / 15.0 / 13.0
Sound Pressure	Cooling	High / Medium / Low	dBA	36 / 33 / 30	38 / 35 / 32	41 / 39 / 36	38 / 36 / 34
	Cooling	Max	dBA	52	52	57	57
Dehumidification Rate			l/h	0.9	1.4	2.0	2.7
Dimensions	Body	W x H x D	mm	570 x 214 x 570	570 x 214 x 570	570 x 256 x 570	840 x 204 x 840
	Body		kg	14.0	14.0	14.3	20.5
Net Weight	Model			PT-QCHW0	PT-QCHW0	PT-QCHW0	PT-MCHW0
	Color			Morning Fog	Morning Fog	Morning Fog	Morning Fog
Decoration Panel	Dimensions	W x H x D	mm	620 x 20 x 620	620 x 20 x 620	620 x 20 x 620	950 x 25 x 950
	Weight		kg	3.0	3.0	3.0	6.3

OUTDOOR				UU09WR ULO	UU12WR ULO	UU18WR U20	UU24WR U40
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate	Nom		m³/min	32	32	50	58
	Cooling	Nom	dBA	47	49	47	48
Sound Pressure	Heating	Nom	dBA	50	52	52	52
	Cooling	Max	dBA	65	65	63	67
Dimensions	W x H x D		mm	770 x 545 x 288	770 x 545 x 288	870 x 650 x 330	950 x 834 x 330
Net Weight			kg	33.8	33.8	44.8	56.1
	Type			R32	R32	R32	R32
Refrigerant	Charge		g	900	900	1,100	1,600
	Additional Charge (after 7.5m)		g/m	20	20	20	35
	GWP			675	675	675	675
	t-CO <sub>2</sub> eq			0.61	0.61	0.74	1.08
Operation Range (Outdoor)	Cooling	Min - Max	°C DB	-15 - 48	-15 - 48	-15 - 48	-15 - 48
	Heating	Min - Max	°C WB	-18 - 18	-18 - 18	-18 - 18	-18 - 18
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			No. x mm²	3C x 2.5	3C x 2.5	3C x 2.5	3C x 2.5
Transmission Cable			No. x mm²	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75
Circuit Breaker			A	15	15	20	25
Piping Length Total	Min - Max		m	5-20	5-20	5-30	5-50
Piping Elevation Difference	IDU - ODU	Max	m	15	15	30	30
	Liquid		mm (inch)	Ø 6.35 (1/4)	Ø 6.35 (1/4)	Ø 6.35 (1/4)	Ø 9.52 (3/8)
Piping Connection	Gas		mm (inch)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	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)