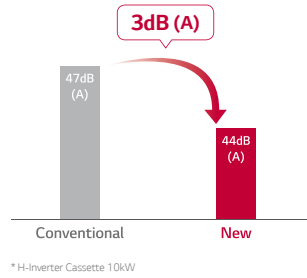
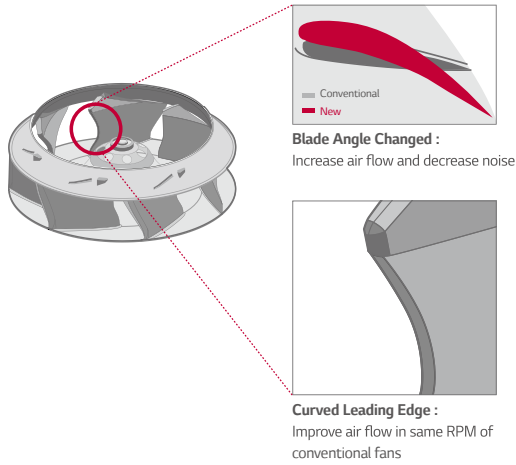


CEILING MOUNTED CASSETTE

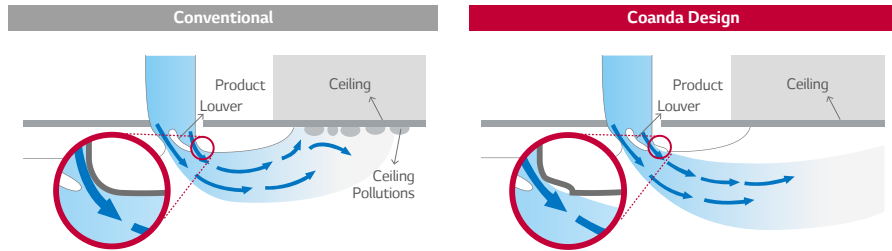
Quiet Operation with 3D Fan

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



Prevent Ceiling Pollution

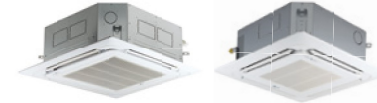
Coanda design of air outlet can prevent contamination of ceiling.



CEILING MOUNTED CASSETTE

STANDARD INVERTER

CT09
CT12
CT18
CT24
UT30



UU09W
UU12W

UU18W

UU24W
UU30W



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Check ongoing validity of certification : www.eurovent-certification.com

INDOOR			CT09 NR2	CT12 NR2	CT18 NQ4	CT24 NP4	UT30 NP4	
Capacity	Cooling	Min / Nom / Max	10 / 25 / 28	14 / 34 / 37	20 / 50 / 55	28 / 68 / 78	32 / 80 / 88	
	Heating	Min / Nom / Max	12 / 30 / 33	16 / 40 / 44	22 / 58 / 68	32 / 80 / 88	36 / 90 / 99	
Low Temperature Capacity	Heating -7°C	Max	2.7	3.6	4.9	7.2	8.1	
	Cooling	Nom	0.75	1.06	1.56	2.00	2.49	
Power Input (Set)	Heating	Nom	0.81	1.10	1.66	2.22	2.72	
	Cooling	Nom	20	20	40	60	80	
Power Input (Indoor)		Nom	W	W	W	W	W	
Running Current	Cooling / Heating	Nom	A	3.3 / 3.5	4.61 / 4.78	7.1 / 7.5	8.9 / 9.7	10.8 / 11.8
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
EER				3.33	3.21	3.22	3.70	3.21
COP				3.70	3.64	3.62	3.62	3.31
SEER				5.11	5.61	6.10	6.80	6.30
SCOP				3.81	3.91	4.25	4.20	4.00
Pdesign (@ -10°C)				2.8	3.0	4.1	6.3	6.8
Seasonal Energy Label	Cooling / Heating		A / A	A+ / A	A++ / A+	A++ / A+	A++ / A+	
	Annual Energy Consumption		kWh	172 / 1,032	213 / 1,077	287 / 1,351	350 / 2,110	444 / 2,380
Piping Connection	Liquid		mm (inch)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø15.88 (5/8)
	Drain		mm	Ø32.0 / 25.0	Ø32.0 / 25.0	Ø32.0 / 25.0	Ø32.0 / 25.0	Ø32.0 / 25.0
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	19.0 / 17.0 / 15.0
Sound Pressure	Cooling	High / Medium / Low	dBA	36 / 33 / 30	38 / 35 / 32	41 / 39 / 36	38 / 36 / 34	40 / 37 / 35
	Heating	Max	dBA	48	51	57	57	58
Dehumidification Rate			l/h	1.4	1.7	2.1	2.4	2.5
			mm	570 x 214 x 570	570 x 214 x 570	570 x 256 x 570	840 x 204 x 840	840 x 204 x 840
Net Weight	Body		kg	14.0	14.0	15.3	20.5	20.5
	Model			PT-UQC	PT-UQC+WD		PT-UJC1	PT-UJC1
Decoration Panel	Color			Morning Fog (RAL 120-4)		Morning Fog (RAL 120-4)		Morning Fog (RAL 120-4)
	Dimensions	W x H x D	mm	700 x 22 x 700, 620 x 20 x 620		950 x 25 x 950		950 x 25 x 950
	Weight		kg	3.0		5.0		5.0

OUTDOOR			UU09W ULD	UU12W ULD	UU18W UE4	UU24W U44	UU30W U44	
Compressor	Type		Rotary	Rotary	Twin Rotary	Twin Rotary	Twin Rotary	
AirFlow Rate	Nom	m³/min	32	32	58	58	58	
Sound Pressure	Cooling	Nom	dBA	47	47	47	48	48
	Heating	Nom	dBA	48	48	52	52	52
Sound Power	Cooling	Max	dBA	56	57	63	67	68
	Heating	Max	dBA	56	57	63	67	68
Dimensions	W x H x D	mm	770 x 540 x 245	770 x 540 x 245	870 x 655 x 320	950 x 834 x 330	950 x 834 x 330	
	Net Weight	kg	32.0	32.0	44.6	56.1	58.0	
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	
	Charge		g	1,000	1,000	1,300	2,000	
	Additional Charge		g/m	20	20	20	40	
	GWP			2,087.5	2,087.5	2,087.5	2,087.5	
	TCO2eq			2.1	2.1	2.7	4.2	
Operation Range (Outdoor)	Cooling	Min - Max	°C DB	-10 - 43	-10 - 43	-15 - 48	-15 - 48	-15 - 48
	Heating	Min - Max	°C WB	-18 - 18	-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 - 15	5 - 15	5 - 30	5 - 50	
Piping Elevation Difference	IDU - ODU	Max	m	10	10	30	30	
Piping Connection	Liquid		mm (inch)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø9.52 (3/8)	
	Gas		mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (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 (R410A)

SINGLE SPLIT SPECIFICATION

CEILING MOUNTED CASSETTE



STANDARD INVERTER

UT36
UT42
UT48
UT60



UU36W

UU42W
UU48W
UU60W



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STANDARD INVERTER

UT36
UT42
UT48
UT60



UU37W

UU43W
UU49W
UU61W



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INDOOR			UT36 NM2	UT42 NM2	UT48 NM2	UT60 NM2
Capacity	Cooling	Min / Nom / Max	4.0 / 10.0 / 11.0	5.0 / 12.5 / 13.8	5.5 / 13.9 / 15.7	5.9 / 14.6 / 16.3
	Heating	Min / Nom / Max	4.4 / 11.0 / 12.1	5.0 / 14.0 / 15.4	6.4 / 15.4 / 17.6	6.8 / 16.9 / 18.7
Low Temperature Capacity	Heating -7°C	Max	9.8	12.5	14.3	15.2
	Cooling	Nom	2.82	3.89	4.62	5.40
Power Input (Set)	Heating	Nom	3.09	3.88	4.51	5.50
	Power Input (Indoor)	Nom	140	210	210	210
Running Current	Cooling / Heating	Nom	12.3 / 13.4	16.9 / 16.9	20.1 / 19.6	23.5 / 23.9
Power Supply		Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
EER			3.55	3.21	3.01	2.70
COP			3.56	3.61	3.41	3.07
SEER			5.41	-	-	-
SCOP			3.81	-	-	-
Pdesign (@ -10°C)			7.6	-	-	-
Seasonal Energy Label	Cooling / Heating		A / A	-	-	-
Annual Energy Consumption	Cooling / Heating	kWh	648 / 2,800	-	-	-
	Liquid	mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
Piping Connection	Gas	mm (inch)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)
	Drain	Ø D / ID	32 / 25	32 / 25	32 / 25	32 / 25
Air Flow Rate	Cooling	High / Medium / Low	24.0 / 22.0 / 19.0	30.0 / 28.0 / 26.0	34.0 / 32.0 / 30.0	34.0 / 32.0 / 30.0
	Sound Pressure	High / Medium / Low	43 / 40 / 37	46 / 44 / 43	49 / 47 / 45	49 / 47 / 45
Sound Power	Cooling	Max	62	65	66	66
	Dehumidification Rate		2.7	3.6	4.4	5.5
Dimensions	Body	W x H x D	840 x 246 x 840	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840
	Net Weight		22.3	24.6	24.6	24.6
Color	Model		PT-UMC1	PT-UMC1	PT-UMC1	PT-UMC1
	Color		Morning Fog (RAL 120-4)	Morning Fog (RAL 120-4)	Morning Fog (RAL 120-4)	Morning Fog (RAL 120-4)
Decoration Panel	Dimensions	W x H x D	950 x 25 x 950	950 x 25 x 950	950 x 25 x 950	950 x 25 x 950
	Weight		5.0	5.0	5.0	5.0

INDOOR			UU36 NM2	UU42 NM2	UU48 NM2	UU60 NM2
Capacity	Cooling	Min / Nom / Max	4.0 / 10.0 / 11.0	5.0 / 12.5 / 13.8	5.5 / 13.9 / 15.7	5.9 / 14.6 / 16.3
	Heating	Min / Nom / Max	4.4 / 11.0 / 12.1	5.0 / 14.0 / 15.4	6.4 / 15.4 / 17.6	6.8 / 16.9 / 18.7
Low Temperature Capacity	Heating -7°C	Max	9.8	12.5	14.3	15.2
	Cooling	Nom	2.82	3.89	4.62	5.40
Power Input (Set)	Heating	Nom	3.09	3.88	4.49	5.50
	Power Input (Indoor)	Nom	140	210	210	210
Running Current	Cooling / Heating	Nom	4.1 / 4.5	5.6 / 5.6	6.7 / 6.5	7.8 / 8.0
Power Supply		Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
EER			3.55	3.21	3.01	2.70
COP			3.56	3.61	3.41	3.07
SEER			5.41	-	-	-
SCOP			3.81	-	-	-
Pdesign (@ -10°C)			7.6	-	-	-
Seasonal Energy Label	Cooling / Heating		A / A	-	-	-
Annual Energy Consumption	Cooling / Heating	kWh	648 / 2,800	-	-	-
	Liquid	mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
Piping Connection	Gas	mm (inch)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)
	Drain	Ø D / ID	32 / 25	32 / 25	32 / 25	32 / 25
Air Flow Rate	Cooling	High / Medium / Low	24.0 / 22.0 / 19.0	30.0 / 28.0 / 26.0	34.0 / 32.0 / 30.0	34.0 / 32.0 / 30.0
	Sound Pressure	High / Medium / Low	43 / 40 / 37	46 / 44 / 43	49 / 47 / 45	49 / 47 / 45
Sound Power	Cooling	Max	62	65	66	66
	Dehumidification Rate		2.7	3.6	4.4	5.5
Dimensions	Body	W x H x D	840 x 246 x 840	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840
	Net Weight		22.3	24.6	24.6	24.6
Color	Model		PT-UMC1	PT-UMC1	PT-UMC1	PT-UMC1
	Color		Morning Fog (RAL 120-4)	Morning Fog (RAL 120-4)	Morning Fog (RAL 120-4)	Morning Fog (RAL 120-4)
Decoration Panel	Dimensions	W x H x D	950 x 25 x 950	950 x 25 x 950	950 x 25 x 950	950 x 25 x 950
	Weight		5.0	5.0	5.0	5.0

OUTDOOR			UU36W UO2	UU42W U32	UU48W U32	UU60W U32
Compressor	Type		Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
AirFlow Rate		Nom	90	110	110	110
Sound Pressure	Cooling	Nom	53	52	52	52
	Heating	Nom	54	54	54	54
Sound Power	Cooling	Max	66	67	68	71
	Dimensions	W x H x D	950 x 1,170 x 330	950 x 1,380 x 330	950 x 1,380 x 330	950 x 1,380 x 330
Net Weight			81.0	92.0	92.0	92.0
	Type		R410A	R410A	R410A	R410A
Refrigerant	Charge		2,800	3,400	3,400	3,400
	Additional Charge		40	40	40	40
GWP			2087.5	2087.5	2087.5	2087.5
	TCO2eq		5.8	7.1	7.1	7.1
Operation Range (Outdoor)	Cooling	Min - Max	-15 - 48	-15 - 48	-15 - 48	-15 - 48
	Heating	Min - Max	-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 mm ²	3C x 5.0	3C x 5.0	3C x 5.0	3C x 5.0
Transmission Cable		No. x mm ²	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75
Circuit Breaker		A	40	40	40	40
Piping Length Total	IDU - ODU	Min - Max	5 - 30	5 - 75	5 - 75	5 - 75
Piping Elevation Difference		Max	30	30	30	30
Piping Connection	Liquid	mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas	mm (inch)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)

OUTDOOR			UU37W UO2	UU43W U32	UU49W U32	UU61W U32
Compressor	Type		Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
AirFlow Rate		Nom	90	110	110	110
Sound Pressure	Cooling	Nom	53	52	52	52
	Heating	Nom	54	54	54	54
Sound Power	Cooling	Max	66	67	68	71
	Dimensions	W x H x D	950 x 1,170 x 330	950 x 1,380 x 330	950 x 1,380 x 330	950 x 1,380 x 330
Net Weight			85.0	96.0	96.0	96.0
	Type		R410A	R410A	R410A	R410A
Refrigerant	Charge		2,800	3,400	3,400	3,400
	Additional Charge		40	40	40	40
GWP			2087.5	2087.5	2087.5	2087.5
	TCO2eq		5.8	7.1	7.1	7.1
Operation Range (Outdoor)	Cooling	Min - Max	-15 - 48	-15 - 48	-15 - 48	-15 - 48
	Heating	Min - Max	-18 - 18	-18 - 18	-18 - 18	-18 - 18
Power Supply		Ø / V / Hz	3 / 380-415 / 50	3 / 380-415 / 50	3 / 380-415 / 50	3 / 380-415 / 50
Power Supply Cable		No. x mm ²	5C x 2.5	5C x 2.5	5C x 2.5	5C x 2.5
Transmission Cable		No. x mm ²	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75
Circuit Breaker		A	20	20	20	20
Piping Length Total	IDU - ODU	Min - Max	5 - 50	5 - 75	5 - 75	5 - 75
Piping Elevation Difference		Max	30	30	30	30
Piping Connection	Liquid	mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas	mm (inch)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)

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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 (R410A)

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