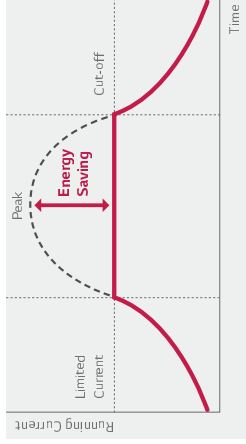


SAVING COST

CEILING CASSETTE

Peak Current Control

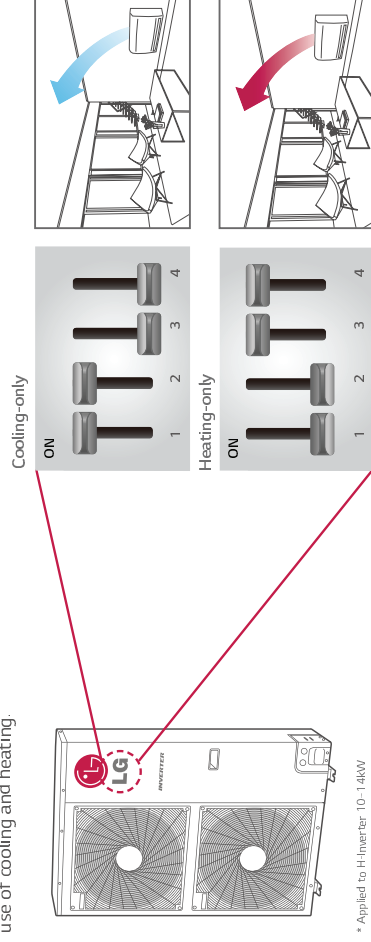
The peak current control function keeps the air conditioner from running at the maximum level while maintaining current system setting, in order to reduce energy consumption. This function can help to cut energy costs during the peak periods of energy use when the energy fee is much higher.



* Applied to H-Inverter 10~14kW

Mode Lock

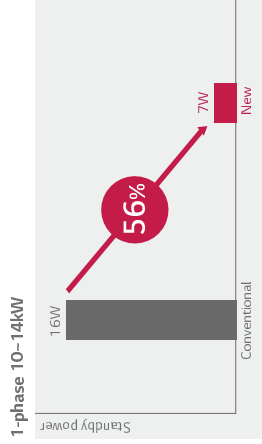
Setting operation mode to either cooling-only or heating-only by adjusting dip switch, in order to prevent mixed use of cooling and heating.



* Applied to H-Inverter 10~14kW

Standby Mode

New H-Inverter can minimise power consumption by turning power off on the PCB except for the MICOM which receives signals.



CEILING CASSETTE

Compact Size

The indoor unit with slim and compact dimensions has reduced the restriction which enables successful installation in various spaces.

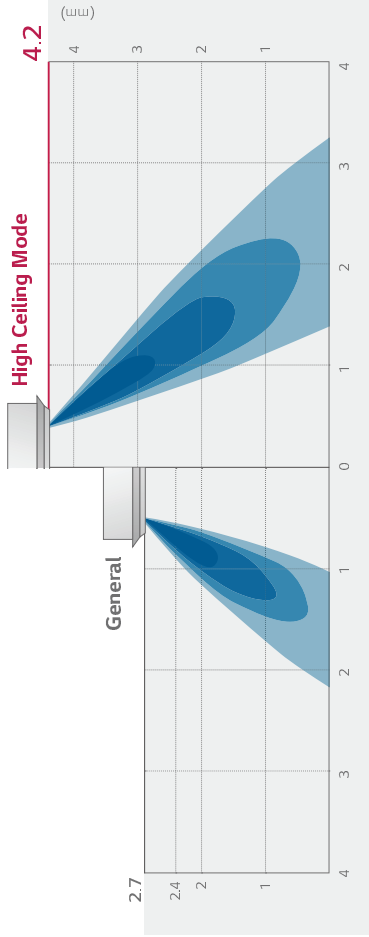


Length width : 840X840mm

Standard Inverter	Height
7.1-8.0 kW	204mm
10.0 kW	246mm
12.5-15 kW	288mm

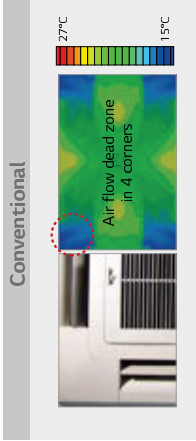
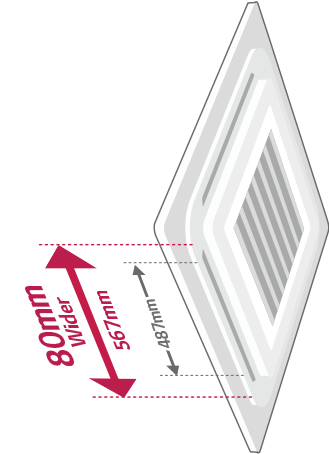
High Ceiling Mode

High ceiling mode provides powerful cooling and heating up to 4.2m in height, from ceiling to floor.



Wide Jet Air Flow

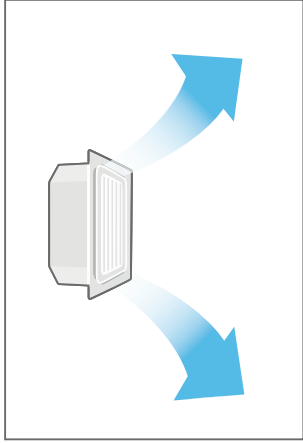
Improved vanes reduce the curved area and provide even distribution.



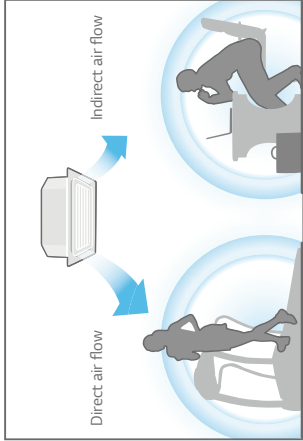
Independent Vane Operation

The independent vane operation feature uses separate motors, making it possible to control all four vanes independently

All Vane Operation



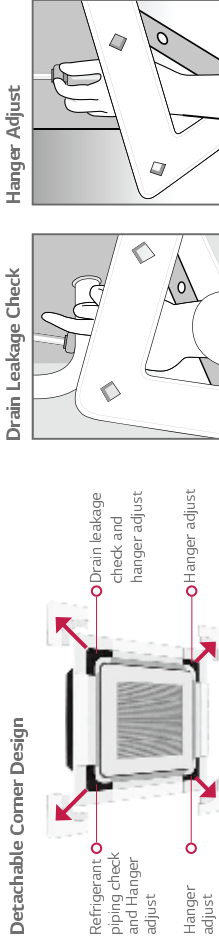
Independent Vane Control



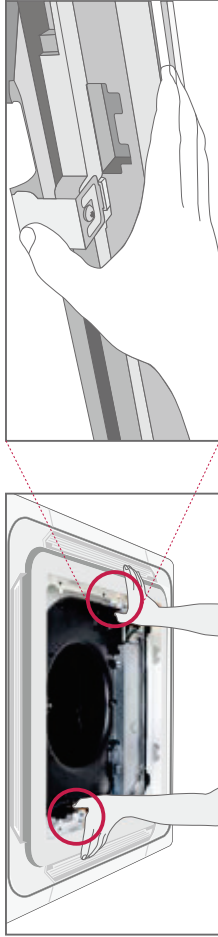
* Wired remote controller PQRCVSL0(QW) applied

Convenient Panel Installation

The detachable corner design makes it easy to adjust the hanger during installation and to check for leakages in the drain connection pipe.

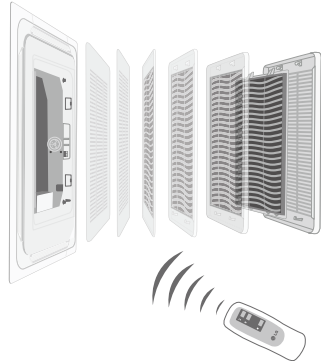


It is easy to install the panel to the body, using the button type panel design.



Auto Elevation Grille

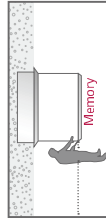
Easy filter cleaning with elevation grille.



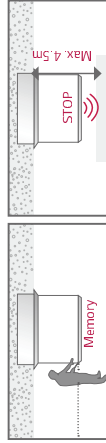
4-Point Support Structure Auto Leveling



Memory for User's Level



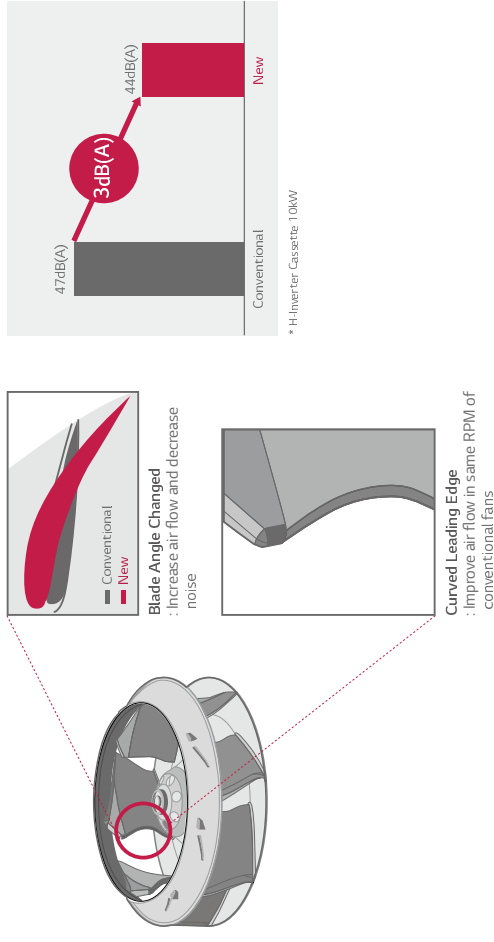
Auto Stop Detection



* Operating with wired remote controller PQRCV-SLC(QW) and wireless remote controller included in PTEGM0.
* Except CT09 NR2 / CT12 NR2 / CT18 NR2
* Applied to cassette panel (PTJ01C1)

Quite Operation with 3D Fan

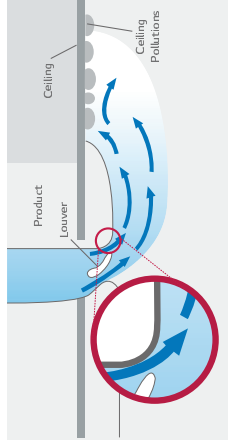
New technology of 3D fan is applied to H-Inverter cassettes 10~14kW. It increases air flow but reduces noise.



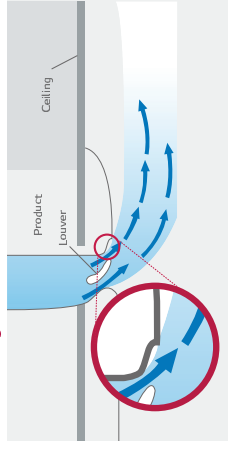
Prevent Ceiling Pollution

Coanda design of air outlet can prevent contamination of ceiling.

Conventional



Coanda Design



CEILING CASSETTE



UT12H / UT18H / UT21H / UT24H



UT12WH



UT18WH



UT21WH

UT24WH



Indoor		UT12H NP1	UT18H NP1	UT21H NP1	UT24H NP1
Capacity	Cooling Heating	1.4/3.5/4.2 kW	2.0/5.0/5.5 kW	2.8/6.0/8.0 kW	2.8/7.0/8.4 kW
Low Temperature Capacity	Heating -7°C	1.6/4.2/5.0 kW	2.2/5.5/6.1 kW	3.2/7.0/9.0 kW	3.2/8.0/9.4 kW
Power Input (Set)	Cooling Heating	4.1 kW	5.3 kW	7.1 kW	7.9 kW
Power Input (Indoor)	Cooling Heating	0.99 kW	1.35 kW	1.53 kW	1.92 kW
Running Current	Min/Nom/Max W	20/30/30 W	20/50/60 W	30/70/80 W	40/110/120 W
Power Supply	Cooling/Heating Nom	4.4/4.6 A	6.0/6.7 A	7.6/7.7 A	9.5/9.0 A
EER	ø V/Hz	3.54	3.7	3.92	3.65
COP		4.04	4.07	4.22	4.15
SEER		6.11	5.81	5.81	5.81
SCOP		4.11	4.01	4.11	4.11
Pdesign (@-10°C)		4.0	5.0	7.0	7.2
Seasonal Energy Label	Cooling/Heating	A++/A+	A++/A+	A++/A+	A++/A+
Annual Energy Consumption	Cooling/Heating	201/1.366 kWh	302/1.750 kWh	362/2.390 kWh	422/2.459 kWh
Piping Connection	Liquid Gas	ø 6.35 (1/4) ø 9.52 (3/8)	ø 6.35 (1/4) ø 9.52 (3/8)	ø 6.35 (1/4) ø 9.52 (3/8)	ø 6.35 (1/4) ø 9.52 (3/8)
Air Flow Rate	OD /ID	32/25 mm	32/25 mm	32/25 mm	32/25 mm
Sound Pressure	High/Medium/Low m³/min	13.0/12.0/10.0 m³/min	17.0/15.0/13.0 m³/min	21.0/18.0/16.0 m³/min	21.0/18.0/16.0 m³/min
Sound Power	High/Medium/Low dBA	35/33/31 dBA	39/37/34 dBA	40/38/36 dBA	40/38/36 dBA
Dehumidification Rate	Cooling Max	44 l/h	52 l/h	54 l/h	59 l/h
Dimensions	Body VxHxD	840x204x840 mm	840x204x840 mm	840x246x840 mm	840x246x840 mm
Net Weight	Body Model	21.0 kg	21.0 kg	23.5 kg	23.5 kg
Decoration Panel	Color Dimensions Weight	PT-UMC1 Morning Fog 950 x 25 x 950 mm	PT-UMC1 Morning Fog 950 x 25 x 950 mm	PT-UMC1 Morning Fog 950 x 25 x 950 mm	PT-UMC1 Morning Fog 950 x 25 x 950 mm
Outdoor		UU12WH UE1	UU18WH UE1	UU21WH UE1	UU24WH UE1
Compressor	Type	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		50 m³/min	58 m³/min	58 m³/min	58 m³/min
Sound Pressure	Cooling Heating	48 dBA	47 dBA	47 dBA	47 dBA
Sound Power	Cooling Heating	48 dBA	50 dBA	50 dBA	50 dBA
Dimensions	Cooling Max	60 mm	60 mm	62 mm	63 mm
Net Weight	WxHxD	870x655x320 kg	870x808x320 kg	950x843x330 kg	950x843x330 kg
Refrigerant	Type	R410A	R410A	R410A	R410A
Charge	Additional Charge (after 10m)	1.250 g	2.000 g	2.200 g	2.200 g
Operation Range (Outdoor)	Cooling Min-Max	-10~-48 °C DB	-10~-48 °C DB	-10~-48 °C DB	-10~-48 °C DB
Power Supply	Cooling Heating	1.220-240/50 ø V/Hz	1.220-240/50 ø V/Hz	1.220-240/50 ø V/Hz	1.220-240/50 ø V/Hz
Power Supply Cable	Noxmm²	3C×2.5	3C×2.5	3C×2.5	3C×2.5
Transmission Cable	Noxmm²	4C×0.75	4C×0.75	4C×0.75	4C×0.75
Circuit Breaker	A	15	20	25	25
Piping Length Total	Min-Max m	5~30	5~50	5~50	5~50
Piping Elevation Difference	IDU-ODU Max	20	30	30	30
Piping Connection	Liquid Gas	ø 6.35 (1/4) ø 9.52 (3/8)	ø 6.35 (1/4) ø 9.52 (3/8)	ø 9.52 (3/8) ø 15.88 (5/8)	ø 9.52 (3/8) ø 15.88 (5/8)

Note: 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions: Heating - Indoor Temperature 20°C DB / 15°C WB
Cooling - Indoor Temperature 27°C DB / 19°C WB
Cooling - Outdoor Temperature 35°C DB / 24°C WB
3. Annual energy consumption based on the use of 350 running hours in cooling and 1,400 hours in heating per year at seasonal condition.

CEILING CASSETTE



UT36H / UT42H / UT48H



UT36WH

UT42WH

UT48WH

* Available from May

Indoor		UT36H NM4	UT42H NM4	UT48H NM4
Capacity	Cooling Heating	4.5/9.5/13.0 kW	5.0/12.1/14.5 kW	5.5/13.4/16.0 kW
Low Temperature Capacity	Heating -7°C	5.0/10.8/13.7 kW	5.5/13.5/16.5 kW	6.1/15.5/18.0 kW
Power Input (Set)	Cooling Heating	11.5 kW	13.9 kW	15.3 kW
Power Input (Indoor)	Cooling Heating	2.15 kW	3.13 kW	3.80 kW
Running Current	Min/Nom/Max W	40/190/210 W	50/190/210 W	50/190/210 W
Power Supply	Cooling/Heating Nom	9.1/11.2 A	14.2 / 15.3 A	17.4/17.8 A
EER	ø V/Hz	1/220-240/50 3.87	1/220-240/50 3.87	1/220-240/50 3.53
COP		4.42	4.03	3.83
SEER		4.53	-	-
SCOP		7.31	-	-
Pdesign (@-10°C)		4.61	-	-
Seasonal Energy Label	Cooling/Heating	A++/A++	-	-
Annual Energy Consumption	Cooling/Heating	100 kWh	-	-
Piping Connection	Liquid Gas	ø 9.52 (3/8) ø 15.88 (5/8)	ø 9.52 (3/8) ø 15.88 (5/8)	ø 9.52 (3/8) ø 15.88 (5/8)
Air Flow Rate	OD /ID	32/25 mm	32/25 mm	32/25 mm
Sound Pressure	High/Medium/Low m³/min	32.0/26.1/20.2 m³/min	33.0/28.0/21.0 m³/min	33.0/28.0/22.0 m³/min
Sound Power	High/Medium/Low dBA	44/40/36 dBA	45/41/37 dBA	45/41/38 dBA
Dehumidification Rate	Cooling Max	62 l/h	62 l/h	62 l/h
Dimensions	Body VxHxD	840x288x840 mm	840x288x840 mm	840x288x840 mm
Net Weight	Body Model	28.0 kg	28.0 kg	28.0 kg
Decoration Panel	Color Dimensions Weight	PT-UMC1 Morning Fog 950x25x950 mm	PT-UMC1 Morning Fog 950x25x950 mm	PT-UMC1 Morning Fog 950x25x950 mm
Outdoor		UU36WH U34	UU42WH U34	UU48WH U34
Compressor	Type	Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		110 m³/min	110 m³/min	110 m³/min
Sound Pressure	Cooling Heating	51 dBA	52 dBA	52 dBA
Sound Power	Cooling Heating	53 dBA	54 dBA	54 dBA
Dimensions	Cooling Max	66 mm	67 mm	68 mm
Net Weight	WxHxD	950x1380x330 kg	950x1380x330 kg	950x1380x330 kg
Refrigerant	Type	R410A	R410A	R410A
Charge	Additional Charge (after 10m)	3.400 g	3.400 g	3.400 g
Operation Range (Outdoor)	Cooling Min-Max	-15~-48 °C DB	-15~-48 °C DB	-15~-48 °C DB
Power Supply	Cooling Heating	1/220-240/50 ø V/Hz	1/220-240/50 ø V/Hz	1/220-240/50 ø V/Hz
Power Supply Cable	Noxmm²	3C×5.0	3C×5.0	3C×5.0
Transmission Cable	Noxmm²	4C×0.75	4C×0.75	4C×0.75
Circuit Breaker	A	40	40	40
Piping Length Total	Min-Max m	5~75	5~75	5~75
Piping Elevation Difference	IDU-ODU Max	30	30	30
Piping Connection	Liquid Gas	ø 9.52 (3/8) ø 15.88 (5/8)	ø 9.52 (3/8) ø 15.88 (5/8)	ø 9.52 (3/8) ø 15.88 (5/8)

Note: 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions: Heating - Indoor Temperature 20°C DB / 15°C WB
Cooling - Indoor Temperature 27°C DB / 19°C WB
Cooling - Outdoor Temperature 35°C DB / 24°C WB
3. Annual energy consumption based on the use of 350 running hours in cooling and 1,400 hours in heating per year at seasonal condition.

CEILING CASSETTE



* Available from May

Indoor		UT36H NM4	UT42H NM4	UT48H NM4
Capacity	Cooling	4.5/9.5/13.0	5.0/12.1/14.5	5.5/13.4/16.0
	Heating	5.0/10.8/13.7	5.5/13.5/16.5	6.1/15.5/18.0
Low Temperature Capacity	Heating -7°C	11.5	13.9	15.3
Power Input (Set)	Cooling	2.15	3.13	3.80
	Heating	2.39	3.35	4.05
Power Input (Indoor)	Min/Nom/Max	40/190/210	50/190/210	50/190/210
Running Current	Min/Nom/Max	38/4.2	5.5/5.9	6.7/7.1
Power Supply	Cooling/Heating	1/220-240/50	1/220-240/50	1/220-240/50
EER	øV/Hz	4.42	3.87	3.53
COP		4.53	4.03	3.83
SEER		6.81	-	-
SCOP		4.61	-	-
Pdesign (at -10°C)		10.0	-	-
Seasonal Energy Label		A++/A++	-	-
Annual Energy Consumption	Cooling/Heating	488/3,037	-	-
	Liquid	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)
Piping Connection	OD /ID	32 / 25	32/25	32/25
Air Flow Rate	High/Medium/Low	32.0/26.1/20.2	33.0/28.0/21.0	33.0/28.0/22.0
Sound Pressure	High/Medium/Low	44/40/36	45/41/37	45/41/38
Sound Power	Cooling	62	62	62
Dehumidification Rate	Max	1.5	3.3	4.4
Dimensions	WxHxD	840x288x840	840x288x840	840x288x840
Net Weight	Body	28.0	28.0	28.0
	Model	PT-UMC1	PT-UMC1	PT-UMC1
	Color	Morning Fog	Morning Fog	Morning Fog
Decoration Panel	Dimensions	950x25x950	950x25x950	950x25x950
	Weight	5.0	5.0	5.0
Outdoor		UU37WH U33	UU43WH U33	UU49WH U33
Compressor	Type	Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate	m³/min	110	110	110
Sound Pressure	Cooling	51	52	52
	Heating	53	54	54
Sound Power	Cooling	66	67	68
Dimensions	WxHxD	950x1380x330	950x1380x330	950x1380x330
Net Weight	kg	93.0	93.0	93.0
Refrigerant	Type	R410A	R410A	R410A
	Charge	3.400	3.400	3.400
	Additional Charge (after 10m)	40	40	40
Operation Range (Outdoor)	Cooling	-15-48	-15-48	-15-48
	Min-Max	-20-18	-20-18	-20-18
Power Supply	øV/Hz	3/380-415/50	3/380-415/50	3/380-415/50
Power Supply Cable	Noxmm²	5C×2.5	5C×2.5	5C×2.5
Transmission Cable	Noxmm²	4C×0.75	4C×0.75	4C×0.75
Circuit Breaker	A	20	20	20
Piping Length Total	m	5-75	5-75	5-75
Piping Elevation Difference	Min-Max	30	30	30
Piping Connection	Liquid	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)

Note: 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions: Heating - Indoor Temperature 20°C DB / 15°C WB
Cooling - Indoor Temperature 27°C DB / 19°C WB
Cooling - Outdoor Temperature 35°C DB / 24°C WB
3. Annual energy consumption based on a use of 350 running hours in cooling and 1,400 hours in heating per year at seasonal condition

CEILING CASSETTE

Standard Inverter

CT09 / CT12 / CT18 / CT24 / CT24 / UT30



Indoor		CT09 NR2	CT12 NR2	CT18 NQ2	CT24 NP2	UT30 NP2
Capacity	Cooling	1.0/2.5/2.8	1.4/3.4/3.7	2.0/4.7/5.5	2.8/7.1/7.8	3.2/8.0/8.8
	Heating	1.2/3.0/3.3	1.6/4.0/4.4	2.2/5.5/6.1	3.2/8.0/8.8	3.6/9.0/9.9
Low Temperature Capacity	Heating -7°C	2.7	3.6	4.9	7.2	8.1
Power Input (Set)	Cooling	0.75	1.06	1.46	1.92	2.49
	Heating	0.81	1.10	1.52	2.21	2.72
Power Input (Indoor)	Min/Nom/Max	10/20/20	10/20/20	10/30/40	20/50/60	30/70/80
Running Current	Min/Nom/Max	3.3/3.5	4.6/4.78	6.3/6.6	8.3/9.6	10.8/11.8
Power Supply	øV/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	3.7	3.21
COP		3.70	3.64	3.62	3.62	3.31
SEER		5.11	5.61	4.81	6.11	6.11
SCOP		3.81	3.91	3.81	3.81	3.81
Pdesign (at -10°C)		2.8	3.0	4.0	6.5	6.8
Seasonal Energy Label		A/A	A++/A	B/A	A++/A	A++/A
Annual Energy Consumption	Cooling/Heating	172/1,032	213/1,077	343/1,474	407/2,395	459/2,505
	Liquid	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 12.7 (1/2)	ø 15.88 (5/8)	ø 15.88 (5/8)
Piping Connection	OD /ID	32/25	32/25	32/25	32/25	32/25
Air Flow Rate	High/Medium/Low	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	High/Medium/Low	36/33/30	38/35/32	41/39/36	38/36/34	40/37/35
Sound Power	Cooling	48	51	55	57	57
Dehumidification Rate	Max	1.4	1.7	2.1	2.4	2.5
Dimensions	WxHxD	570x214x570	570x214x570	570x256x570	840x204x840	840x204x840
Net Weight	Body	14.0	14.0	15.5	20.5	20.5
	Model	PT-UQC	PT-UQC	PT-UQC	PT-UMC1	PT-UMC1
	Color	Morning Fog	Morning Fog	Morning Fog	Morning Fog	Morning Fog
Decoration Panel	Dimensions	700x22x700	700x22x700	700x22x700	950x25x950	950x25x950
	Weight	3.0	3.0	3.0	5.0	5.0
Outdoor		UU09W ULD	UU12W ULD	UU18W U2	UU24W U42	UU30W U42
Compressor	Type	Rotary	Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate	m³/min	32	32	50	58	58
Sound Pressure	Cooling	47	47	48	48	48
	Heating	48	48	51	52	52
Sound Power	Cooling	56	57	60	62	65
Dimensions	WxHxD	770x540x245	770x540x245	870x655x320	950x834x330	950x834x330
Net Weight	kg	32.0	32.0	46.0	60.0	60.0
Refrigerant	Type	R410A	R410A	R410A	R410A	R410A
	Charge	1,000	1,000	1,400	2,000	2,000
	Additional Charge (after 10m)	20	20	20	40	40
Operation Range (Outdoor)	Cooling	-10 - 43	-10 - 43	-15 - 48	-15 - 48	-15 - 48
	Min-Max	-18 - 18	-18 - 18	-18 - 18	-18 - 18	-18 - 18
Power Supply	øV/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Power Supply Cable	Noxmm²	3C×2.5	3C×2.5	3C×2.5	3C×2.5	3C×2.5
Transmission Cable	Noxmm²	4C×0.75	4C×0.75	4C×0.75	4C×0.75	4C×0.75
Circuit Breaker	A	15	15	20	30	30
Piping Length Total	m	5-15	5-15	5-40	5-50	5-50
Piping Elevation Difference	Min-Max	10	10	30	30	30
Piping Connection	Liquid	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 12.7 (1/2)	ø 15.88 (5/8)	ø 15.88 (5/8)

Note: 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions: Heating - Indoor Temperature 20°C DB / 15°C WB
Cooling - Indoor Temperature 27°C DB / 19°C WB
Cooling - Outdoor Temperature 35°C DB / 24°C WB
3. Annual energy consumption based on a use of 350 running hours in cooling and 1,400 hours in heating per year at seasonal condition

CEILING CASSETTE

UT36 / UT42 / UT48 / UT60

CEILING CASSETTE

UT36 / UT42 / UT48 / UT60



UU36W

UU42W
UU48W
UU60W

Indoor		UT36 NM2	UT42 NM2	UT48 NM2	UT60 NM2
Capacity	Cooling Heating	4.0/10.0/11.0 4.4/11.0/12.1	5.0/12.5/13.8 5.0/14.0/15.4	5.5/13.9/15.7 6.4/15.4/17.6	5.9/14.6/16.3 6.8/16.9/18.7
Low Temperature Capacity	Heating -7°C	kW	kW	kW	kW
Power Input (Set)	Cooling Heating	9.8 2.82	12.5 3.89	14.3 4.62	15.2 5.40
Power Input (Indoor)	Min/Nom/Max	W	W	W	W
Running Current	Cooling/Heating	40/130/140 12.3/13.4	70/190/210 16.9/16.9	80/190/210 20.1/19.6	80/190/210 23.2/23.9
Power Supply	øV/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
EER		3.55	3.21	3.01	2.7
COP		3.56	3.61	3.41	3.07
SEER		5.41	-	-	-
SCOP		3.81	-	-	-
Pdesign (@-10°C)		kW	-	-	-
Seasonal Energy Label	Cooling/Heating				
Annual Energy Consumption	Cooling/Heating	kWh	kWh	kWh	kWh
Piping Connection	Liquid Gas	mm(inch) mm(inch)	mm(inch) mm(inch)	mm(inch) mm(inch)	mm(inch) mm(inch)
Drain	OD /ID	32/25	32/25	32/25	32/25
Air Flow Rate	High/Medium/Low	m³/min	m³/min	m³/min	m³/min
Sound Pressure	Cooling	dBA	dBA	dBA	dBA
Sound Power	Cooling	dBA	dBA	dBA	dBA
Dehumidification Rate	Body	l/h	l/h	l/h	l/h
Dimensions	WxHxD	mm	mm	mm	mm
Net Weight	Body Model	kg	kg	kg	kg
Color	Model	PT-UMC1	PT-UMC1	PT-UMC1	PT-UMC1
Decoration Panel	Color	Morning Fog	Morning Fog	Morning Fog	Morning Fog
	Dimensions	950x25x950	950x25x950	950x25x950	950x25x950
	Weight	5.0	5.0	5.0	5.0
Outdoor		UU36W U02	UU42W U32	UU48W U32	UU60W U32
Compressor	Type	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		90	110	110	110
Sound Pressure	Cooling Heating	53 54	52 54	52 54	52 54
Sound Power	Cooling Heating	dBA dBA	dBA dBA	dBA dBA	dBA dBA
Dimensions	WxHxD	mm	mm	mm	mm
Net Weight	kg	81.0	92.0	92.0	92.0
Refrigerant	Type	R410A	R410A	R410A	R410A
Charge	g	2800	3400	3400	3400
Additional Charge (after 10m)		40	40	40	40
Operation Range (Outdoor)	Cooling Heating	-15~48 -18~18	-15~48 -18~18	-15~48 -18~18	-15~48 -18~18
Power Supply	øV/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Power Supply Cable	Noxmm²	3C×5.0	3C×5.0	3C×5.0	3C×5.0
Transmission Cable	Noxmm²	4C×0.75	4C×0.75	4C×0.75	4C×0.75
Circuit Breaker	A	40	40	40	40
Piping Length Total	Min-Max	m	m	m	m
Piping Elevation Difference	IDU-ODU	m	m	m	m
Piping Connection	Liquid Gas	mm(inch) mm(inch)	mm(inch) mm(inch)	mm(inch) mm(inch)	mm(inch) mm(inch)

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

2. Capacities are based on the following conditions:
Cooling - Indoor Temperature 27°C DB/19°C WB
Heating - Indoor Temperature 20°C DB/15°C WB

3. Annual energy consumption based on the use of 3500 running hours in cooling and 1400 hours in heating per year at seasonal condition.



UU37W

UU43W
UU49W
UU61W

Indoor		UT36 NM2	UT42 NM2	UT48 NM2	UT60 NM2
Capacity	Cooling Heating	4.0/10.0/11.0 4.4/11.0/12.1	5.0/12.5/13.8 5.0/14.0/15.4	5.5/13.9/15.7 6.4/15.3/17.6	5.9/14.6/16.3 6.8/16.9/18.7
Low Temperature Capacity	Heating -7°C	kW	kW	kW	kW
Power Input (Set)	Cooling Heating	9.8 2.82	12.5 3.89	14.3 4.62	15.2 5.40
Power Input (Indoor)	Min/Nom/Max	W	W	W	W
Running Current	Cooling/Heating	40/130/140 4.1/4.5	70/190/210 5.6/5.6	80/190/210 6.7/6.5	80/190/210 7.8/8.0
Power Supply	øV/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
EER		3.55	3.21	3.01	2.7
COP		3.56	3.61	3.41	3.07
SEER		5.41	-	-	-
SCOP		3.81	-	-	-
Pdesign (@-10°C)		kW	-	-	-
Seasonal Energy Label	Cooling/Heating				
Annual Energy Consumption	Cooling/Heating	kWh	kWh	kWh	kWh
Piping Connection	Liquid Gas	mm(inch) mm(inch)	mm(inch) mm(inch)	mm(inch) mm(inch)	mm(inch) mm(inch)
Drain	OD /ID	32/25	32/25	32/25	32/25
Air Flow Rate	High/Medium/Low	m³/min	m³/min	m³/min	m³/min
Sound Pressure	Cooling	dBA	dBA	dBA	dBA
Sound Power	Cooling	dBA	dBA	dBA	dBA
Dehumidification Rate	Body	l/h	l/h	l/h	l/h
Dimensions	WxHxD	mm	mm	mm	mm
Net Weight	Body Model	kg	kg	kg	kg
Color	Model	PT-UMC1	PT-UMC1	PT-UMC1	PT-UMC1
Decoration Panel	Color	Morning Fog	Morning Fog	Morning Fog	Morning Fog
	Dimensions	950x25x950	950x25x950	950x25x950	950x25x950
	Weight	5.0	5.0	5.0	5.0
Outdoor		UU37W U02	UU43W U32	UU49W U32	UU61W U32
Compressor	Type	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		90	110	110	110
Sound Pressure	Cooling Heating	53 54	52 54	52 54	52 54
Sound Power	Cooling Heating	dBA dBA	dBA dBA	dBA dBA	dBA dBA
Dimensions	WxHxD	mm	mm	mm	mm
Net Weight	kg	85.0	95.0	95.0	95.0
Refrigerant	Type	R410A	R410A	R410A	R410A
Charge	g	2800	3400	3400	3400
Additional Charge (after 10m)		40	40	40	40
Operation Range (Outdoor)	Cooling Heating	-15~48 -18~18	-15~48 -18~18	-15~48 -18~18	-15~48 -18~18
Power Supply	øV/Hz	3/380-415/50	3/380-415/50	3/380-415/50	3/380-415/50
Power Supply Cable	Noxmm²	5C×2.5	5C×2.5	5C×2.5	5C×2.5
Transmission Cable	Noxmm²	4C×0.75	4C×0.75	4C×0.75	4C×0.75
Circuit Breaker	A	20	20	20	20
Piping Length Total	Min-Max	m	m	m	m
Piping Elevation Difference	IDU-ODU	m	m	m	m
Piping Connection	Liquid Gas	mm(inch) mm(inch)	mm(inch) mm(inch)	mm(inch) mm(inch)	mm(inch) mm(inch)

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

2. Capacities are based on the following conditions:
Cooling - Indoor Temperature 27°C DB/19°C WB
Heating - Indoor Temperature 20°C DB/15°C WB

3. Annual energy consumption based on the use of 3500 running hours in cooling and 1400 hours in heating per year at seasonal condition.