

# SINGLE SPLIT LINE-UP

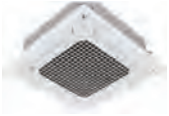
kBTu/h	STANDARD INVERTER (R32)								COMPACT INVERTER (R32)					STANDARD INVERTER (R410A)					
	Ceiling Mounted Cassette	Round Cassette	Ceiling Concealed Duct		Ceiling Suspended	Wall Mounted	Console	ODU		Ceiling Mounted Cassette	Ceiling Concealed Duct		Ceiling Suspended	Wall Mounted	ODU	Ceiling Concealed Duct (High Static)	Floor Standing	ODU	
			Mid Static	Low Static				1Ø	3Ø		Mid Static	Low Static						1Ø	1Ø
9	2.5																		
12	3.4																		
18	5.0																		
24	6.8																		
30	8.0																		
36	9.5																		
42	12.0																		
48	13.4																		
60	14.6																		
70	20.0																		
85	25.0																		

- Notes :**
- Due to our policy of innovation some specifications may be changed without notification.
  - Performances are based on the following conditions (It is accordance with EN14511)
    - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
    - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
    - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
  - Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation
  - These product contain fluorinated greenhouse gases (R32) or (R410A)

# CEILING MOUNTED CASSETTE

CT09F / CT12F / CT18F / CT24F / UT30F

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UUA1 ULO

UUB1 U20

UUC1.U40



COMBINATION				9	12	18	24	30
Capacity	Cooling	Min. / Rated / Max.	kW	1.5 / 2.5 / 3.2	1.5 / 3.4 / 4.5	2.0 / 5.0 / 5.8	2.7 / 6.8 / 8.0	3.2 / 8.0 / 9.2
	Heating	Min. / Rated / Max.	kW	1.8 / 3.2 / 3.7	1.8 / 4.1 / 5.0	2.3 / 5.7 / 6.6	3.0 / 7.5 / 9.0	3.6 / 8.9 / 10.1
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.30 / 0.61 / 0.87	0.30 / 0.98 / 1.62	0.30 / 1.57 / 2.20	0.40 / 1.93 / 2.66	0.50 / 2.45 / 3.14
	Heating	Min. / Rated / Max.	kW	0.30 / 0.75 / 0.89	0.30 / 1.11 / 1.57	0.30 / 1.52 / 2.13	0.40 / 1.96 / 2.84	0.50 / 2.62 / 3.25
Running Current	Cooling	Rated	A	2.7	4.4	8.0	8.6	10.9
	Heating	Rated	A	3.3	4.9	7.8	8.7	11.6
EER / COP			kWh/kWh	4.10 / 4.30	3.50 / 3.71	3.19 / 3.74	3.52 / 3.83	3.27 / 3.40
SEER / SCOP			kWh/kWh	6.7 / 4.0	6.7 / 4.0	6.4 / 4.3	7.4 / 4.3	7.1 / 4.3
Pdesign	Cooling @ 35°C		kW	2.5	3.4	5	6.8	8
	Heating @ -10°C		kW	2.8	2.8	4.1	5.6	5.6
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	A++ / A+	A++ / A+	A++ / A+	A++ / A+
Annual Energy Consumption	Cooling / Heating		kWh	131 / 980	178 / 980	273 / 1,335	322 / 1,823	394 / 1,823
Dehumidification Rate			l/h	0.63	1.26	1.89	2.8	2.8
ODU Sound Pressure Level	Cooling / Heating	Rated	dB(A)	49 / 52	49 / 52	47 / 52	48 / 52	50 / 52
ODU Sound Power Level	Cooling	Rated	dB(A)	65	65	63	65	68
Piping Connections	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)
	Connections Method		-	Flared	Flared	Flared	Flared	Flared
Operation (Outdoor)	Range Cooling	Min. / Max.	°C	-15 / 50	-15 / 50	-15 / 50	-20 / 50	-20 / 50
	Heating	Min. / Max.	°C	-20 / 18	-20 / 18	-20 / 18	-20 / 18	-20 / 18

INDOOR				CT09F NRO	CT12F NRO	CT18F NQO	CT24F NBO	UT30F NBO
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
Power Input (IDU)		H / M / L	W	26 / 22 / 19	28 / 24 / 20	30 / 26 / 22	36 / 26 / 21	40 / 33 / 26
Air Flow Rate		H / M / L	m³/min	8.5 / 7.0 / 6.0	9.5 / 8.0 / 7.0	13 / 12 / 11	18 / 15.5 / 14	19 / 17 / 15.5
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	840 x 204 x 840
Weight	Body		kg	12.4	12.4	13.9	21.1	21.1
Sound Pressure Level	Cooling	H / M / L	dB(A)	36 / 33 / 30	38 / 35 / 32	41 / 39 / 37	38 / 36 / 34	40 / 37 / 35
Sound Power Level	Cooling	Max.	dB(A)	52	52	57	53	57
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 25.0	Ø32.0 / 25.0	Ø32.0 / 25.0	Ø32.0 / 25.0	Ø32.0 / 25.0
List Price - Indoor Unit			£	<b>£387.00</b>	<b>£397.00</b>	<b>£461.00</b>	<b>£554.00</b>	<b>£630.00</b>
Recommended Decoration Panel*	Model Name		-	PT-QAGW0	PT-QAGW0	PT-QAGW0	PT-AAGW0	PT-AAGW0
	Color		-	White	White	White	White	White
	Dimensions	Body	mm	620 x 34 x 620	620 x 34 x 620	620 x 34 x 620	950 x 35 x 950	950 x 35 x 950
	Weight	Body	kg	3.0	3.0	3.0	7.1	7.1

List Price - Decoration Panel	£	<b>£127.00</b>	<b>£144.00</b>
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OUTDOOR				UUA1 ULO	UUB1 U20	UUC1 U40
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker		Min.	A	15	20	25
Power Supply Cable (Included Earth)			No x mm³	3C x 1.5	3C x 2.5	3C x 2.5
Dimensions	Net	W x H x D	mm	770 x 545 x 288	870 x 650 x 330	950 x 834 x 330
Weight	Net		kg	33.3	44.5	57.7
Compressor	Type		-	Twin Rotary	Twin Rotary	Twin Rotary
	Type		-	R32	R32	R32
	GWP (Global Warming Potential)		-	675	675	675
	Precharged Amount		kg	1.0	1.2	1.9
	t-CO <sub>2</sub> eq		-	0.675	0.81	1.283
Fan	Additional Charge (After 7.5m)		g/m	20	20	40
	Air Flow Rate	Rated	m³/min x No.	28 x 1	50 x 1	58 x 1
Total Piping Length		Min. / Max.	m	5 / 30	5 / 30	5 / 50
Piping Elevation	IDU - ODU	Max.	m	30	30	30
List Price - Outdoor Unit	£	<b>£816.00</b>	<b>£1,046.00</b>	<b>£1,355.00</b>		

List Price - Indoor + Outdoor Unit Price	£	<b>£1,203.00</b>	<b>£1,213.00</b>	<b>£1,507.00</b>	<b>£1,909.00</b>	<b>£2,526.00</b>
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CONTROLLER	MODEL REFERENCE	LIST PRICE £
Premium	PREMTA000*	<b>£237.00</b>
Standard II	PREMTB001 / BB01	<b>£100.00</b>
Standard III	PREMTB100 / BB10	<b>£157.00</b>

CONTROLLER	MODEL REFERENCE	LIST PRICE £
Simple	PQRCVCLQW / PQRCVCLQQ	<b>£119.00</b>
Simple - Hotel	PQRCHCAQW / PQRCHCAQQ	<b>£119.00</b>
Wireless Controller	PWLSSB21H	<b>£78.00</b>

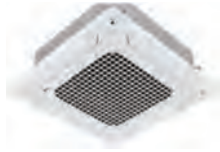
**Note:** There is not an option for dual vane on CT09 and CT12 indoor models. \* Decoration panel can be selected as an optional accessory.



# CEILING MOUNTED CASSETTE

UT36F / UT42F / UT48F / UT60F

ADD THE PRICE OF THE GRILLE AND CONTROLLER TO YOUR ORDER



UUD1.U30 UUD3.U30



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COMBINATION				36	42	48	60
Capacity	Cooling	Min. / Rated / Max.	kW	3.8 / 9.5 / 12.5	4.8 / 12.1 / 14.2	5.4 / 13.4 / 15.7	5.8 / 14.6 / 15.8
	Heating	Min. / Rated / Max.	kW	4.3 / 10.8 / 13.4	5.4 / 13.5 / 15.8	6.2 / 15.5 / 17.5	6.8 / 16.9 / 18.3
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.50 / 2.26 / 3.44	0.70 / 3.31 / 4.30	0.90 / 4.25 / 5.53	1.00 / 5.21 / 5.84
	Heating	Min. / Rated / Max.	kW	0.50 / 2.43 / 3.30	0.70 / 3.51 / 4.56	0.90 / 4.37 / 5.33	1.00 / 5.12 / 5.89
Running Current	Cooling	Rated	A	10.1	14.6	18.7	23.1
	Heating	Rated	A	10.7	15.0	19.0	22.7
EER / COP			kWh/kWh	4.20 / 4.45	3.66 / 3.85	3.15 / 3.55	2.80 / 3.30
SEER / SCOP			kWh/kWh	7.0 / 4.3	7.0 / 4.3	6.5 / 4.2	6.2 / 4.2
Pdesign	Cooling @ 35°C		kW	9.5	12.1	13.4	14.6
	Heating @ -10°C		kW	9.5	9.5	9.5	9.5
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	- / -	- / -	- / -
Annual Energy Consumption	Cooling / Heating		kWh	475 / 3,093	1,037 / 3,093	1,237 / 3,167	1,413 / 3,167
Dehumidification Rate			l/h	2.4	4.5	5.7	6.6
ODU Sound Pressure Level	Cooling / Heating	Rated	dB(A)	50 / 50	51 / 52	52 / 53	54 / 54
ODU Sound Power Level	Cooling	Rated	dB(A)	66	69	69	71
Piping Connections	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)
	Connections Method		-	Flared	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-20 / 52	-20 / 52	-20 / 52	-20 / 52
	Heating	Min. / Max.	°C	-25 / 18	-25 / 18	-25 / 18	-25 / 18
INDOOR				UT36F NAO	UT42F NAO	UT48F NAO	UT60F NAO
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	60 / 50 / 45	60 / 50 / 45	80 / 60 / 50	80 / 60 / 50
Air Flow Rate		H / M / L	m³/min	27.5 / 25 / 22.5	27.5 / 25 / 22.5	30 / 27.5 / 25	30 / 27.5 / 25
Dimensions	Body	W x H x D	mm	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840
Weight	Body		kg	25.3	25.3	25.3	25.3
Sound Pressure Level	Cooling	H / M / L	dB(A)	44 / 42 / 41	44 / 42 / 41	46 / 44 / 42	46 / 44 / 42
Sound Power Level	Cooling	Max.	dB(A)	61	61	62	62
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 25.0	Ø32.0 / 25.0	Ø32.0 / 25.0	Ø32.0 / 25.0
List Price - Indoor Unit			£	<b>£697.00</b>	<b>£762.00</b>	<b>£1,064.00</b>	<b>£1,331.00</b>
Recommended Decoration Panel*	Model Name		-	PT-AAGW0	PT-AAGW0	PT-AAGW0	PT-AAGW0
	Color		-	White	White	White	White
	Dimensions	Body	mm	950 x 35 x 950	950 x 35 x 950	950 x 35 x 950	950 x 35 x 950
	Weight	Body	kg	7.1	7.1	7.1	7.1
List Price - Decoration Panel (or upgrade to PT-AFGW0 model - £200.00)			£			<b>£144.00</b>	
OUTDOOR - SINGLE PHASE				UUD1.U30			
Power Supply			Ø / V / Hz	1 / 220-240 / 50			
Circuit Breaker		Min.	A	40			
Power Supply Cable (Included Earth)			No x mm³	3C x 6.0			
List Price - Outdoor Unit			£	<b>£1,967.00</b>			
OUTDOOR - THREE PHASE				UUD3.U30			
Power Supply			Ø / V / Hz	3 / 380-415 / 50			
Circuit Breaker		Min.	A	20			
Power Supply Cable (Included Earth)			No x mm³	5C x 2.5			
List Price - Outdoor Unit			£	<b>£2,247.00</b>			
Dimensions	Net	W x H x D	mm	950 x 1,380 x 330			
Weight	Net		kg	85.0			
Compressor	Type		-	Inverter Scroll			
Refrigerant	Type		-	R32			
	GWP (Global Warming Potential)		-	675			
	Precharged Amount		kg	3.0			
	t-CO <sub>2</sub> eq		-	2.025			
	Additional Charge (After 7.5m)		g/m	40			
Fan	Air Flow Rate	Rated	m³/min x No.	55 x 2			
Total Piping Length		Min. / Max.	m	5 / 85			
Piping Elevation	IDU - ODU	Max.	m	30			
List Price - Single Phase Outdoor + Indoor Unit Price			£	<b>£2,664.00</b>	<b>£2,729.00</b>	<b>£3,031.00</b>	<b>£3,298.00</b>
List Price - Three Phase Outdoor + Indoor Unit Price			£	<b>£2,944.00</b>	<b>£3,009.00</b>	<b>£3,311.00</b>	<b>£3,578.00</b>

# COMPACT SYSTEM CEILING MOUNTED CASSETTE

CT18F / CT24F / UT30F / UT36F

UUA1 ULO

UUB1 U20

UUC1 U40



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COMBINATION				18	24	30	36
Capacity	Cooling	Min. / Rated / Max.	kW	1.8 / 5.0 / 5.5	2.7 / 6.8 / 7.5	3.0 / 7.5 / 8.3	3.8 / 9.5 / 10.8
	Heating	Min. / Rated / Max.	kW	2.1 / 5.2 / 5.7	3.0 / 7.5 / 8.6	3.2 / 7.9 / 8.7	4.3 / 10.8 / 11.7
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.34 / 1.76 / 2.11	0.40 / 2.00 / 2.40	0.50 / 2.31 / 2.77	0.60 / 2.79 / 3.57
	Heating	Min. / Rated / Max.	kW	0.30 / 1.45 / 1.87	0.40 / 2.21 / 2.87	0.50 / 2.37 / 3.08	0.60 / 2.77 / 3.30
Running Current	Cooling	Rated	A	7.8	8.8	10.1	12.4
	Heating	Rated	A	6.4	9.6	10.4	12.3
EER / COP			kWh/kWh	2.85 / 3.60	3.40 / 3.39	3.25 / 3.34	3.40 / 3.90
SEER / SCOP			kWh/kWh	6.3 / 3.9	7.0 / 4.2	6.8 / 4.2	6.7 / 4.3
Pdesign	Cooling @ 35°C		kW	5	6.8	7.5	9.5
	Heating @ -10°C		kW	2.8	4.1	4.1	5.6
Seasonal Energy Label	Cooling / Heating		-	A++ / A	A++ / A+	A++ / A+	A++ / A+
Annual Energy Consumption	Cooling / Heating		kWh	278 / 1,005	340 / 1,367	386 / 1,367	496 / 1,823
Dehumidification Rate			l/h	1.8	2.6	3.1	2.5
ODU Sound Pressure Level	Cooling / Heating	Rated	dB(A)	49 / 52	48 / 53	50 / 54	54 / 56
	Cooling	Rated	dB(A)	65	65	67	70
Piping Connections	Liquid		mm (inch)	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm (inch)	Ø9.52 (3/8)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)
	Connections Method		-	Flared	Flared	Flared	Flared
Operation (Outdoor)	Range Cooling	Min. / Max.	°C	-10 / 50	-10 / 48	-10 / 48	-20 / 50
	Heating	Min. / Max.	°C	-10 / 18	-15 / 18	-15 / 18	-15 / 18
INDOOR				CT18F NQ0	CT24F NBO	UT30F NBO	UT36F NAO
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	30 / 26 / 22	36 / 26 / 21	40 / 33 / 26	60 / 50 / 45
Air Flow Rate		H / M / L	m³/min	13 / 12 / 11	18 / 15.5 / 14	19 / 17 / 15.5	27.5 / 25 / 22.5
Dimensions	Body	W x H x D	mm	570 x 256 x 570	840 x 204 x 840	840 x 204 x 840	840 x 288 x 840
Weight	Body		kg	13.9	21.1	21.1	25.3
Sound Pressure Level	Cooling	H / M / L	dB(A)	41 / 39 / 37	38 / 36 / 34	40 / 37 / 35	44 / 42 / 41
Sound Power Level	Cooling	Max.	dB(A)	57	53	57	61
List Price - Indoor Unit			£	<b>£461.00</b>	<b>£554.00</b>	<b>£630.00</b>	<b>£697.00</b>
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 25.0	Ø32.0 / 25.0	Ø32.0 / 25.0	Ø32.0 / 25.0
Recommended Decoration Panel*	Model Name		-	PT-QAGW0 <sup>(1)</sup>	PT-AAGW0 <sup>(1)</sup>	PT-AAGW0 <sup>(1)</sup>	PT-AAGW0 <sup>(1)</sup>
	Color		-	White	White	White	White
Dimensions	Body		mm	620 x 34 x 620	950 x 35 x 950	950 x 35 x 950	950 x 35 x 950
	Weight	Body	kg	3.0	7.1	7.1	7.1
List Price - Decoration Panel (or upgrade to PT-AFGW0 model - £200.00)			£	<b>£127.00</b>		<b>£144.00</b>	
OUTDOOR				UUA1 ULO	UUB1 U20	UUC1 U40	
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	
Circuit Breaker		Min.	A	15	20	25	
Power Supply Cable (Included Earth)			No x mm³	3C x 1.5	3C x 2.5	3C x 2.5	
Dimensions	Net	W x H x D	mm	770 x 545 x 288	870 x 650 x 330	950 x 834 x 330	
Weight	Net		kg	33.3	44.5	57.7	
Compressor	Type		-	Twin Rotary	Twin Rotary	Twin Rotary	
	Type		-	R32	R32	R32	
Refrigerant	GWP (Global Warming Potential)		-	675	675	675	
	Precharged Amount		kg	1.0	1.2	1.9	
	t-CO eq		-	0.675	0.81	1.283	
	Additional Charge (After 7.5m)		g/m	20	40	40	
Fan	Air Flow Rate	Rated	m³/min x No.	28 x 1	50 x 1	58 x 1	
Total Piping Length		Min. / Max.	m	5 / 30	5 / 35	5 / 50	
Piping Elevation	IDU - ODU	Max.	m	30	30	30	
List Price - Single Phase Outdoor Unit Price			£	<b>£816.00</b>	<b>£1,046.00</b>	<b>£1,355.00</b>	
List Price - Single Phase Indoor and Outdoor Unit Price			£	<b>£1,277.00</b>	<b>£1,600.00</b>	<b>£1,046.00</b>	<b>£2,052.00</b>

CONTROLLER	MODEL REFERENCE	LIST PRICE £
Premium	PREMTA000*	<b>£237.00</b>
Standard II	PREMTB001 / BB01	<b>£100.00</b>
Standard III	PREMTB100 / BB10	<b>£157.00</b>

CONTROLLER	MODEL REFERENCE	LIST PRICE £
Simple	PQRCVCLQW / PQRCVCLQ	<b>£119.00</b>
Simple - Hotel	PQRCHCAQW / PQRCHCAQ	<b>£119.00</b>
Wireless Controller	PWLSSB21H	<b>£78.00</b>

# ACCESSORIES

## Cassette Panels



PT-AAGW0  
PT-AFGW0  
PT-QAGW0 (Mini 4 Way)

### Key Features

Model	Dual Vane	Wi-Fi	Floor Temperature Sensor	Air Purification	Occupancy Sensor	Dust Sensor	Tact switch	Elevating Grille	
PT-AAGW0	O	Optional	Optional	X	Optional	X	X	X	£144.00
PT-AFGW0	O	Optional	Optional	Optional	Optional	O	O	X	£200.00
PT-QAGW0									£127.00

### Specification

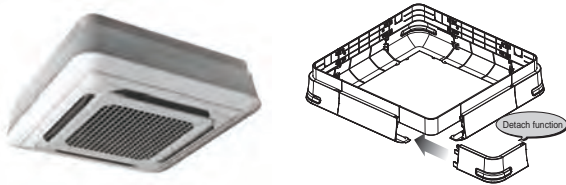
Model	Suction Type	Color (RAL)	Gloss	Weight (kg)	Dimension (mm)			Applied Model Capacity (kW)*						Price	
					W	H	D	Single Split		Multi Split		Multi V			
								R32	R410A	R32	R410A	R32	R410A		
4 Way	PT-QCHW0	Grill	Morning Fog (RAL 9001)	X	3.0	620	35	620	2.5-5.0	2.5-5.0	1.5-5.3	1.5-5.3	1.6-6.2	1.6-6.2	£140.00
	PT-UQC	Grill	Morning Fog (RAL 9001)	X	3.0	700	22	700	2.5-5.0	2.5-5.0	1.5-5.3	1.5-5.3	1.6-6.2	1.6-6.2	£132.00
	PT-QAGW0	Grid	White (RAL 9003)	X	2.9	620	35	620	2.5-5.0	2.5-5.0	1.5-5.3	1.5-5.3	1.6-6.2	1.6-6.2	£127.00

### Air Purification Kit

Model	Image	Model name	Dielectric Dust collecting filter	Photocatalytic Deodorizing filter	HVPS	Ionizer	Price List
Air cleaning kit		PTAHMPO		O	O	O	£745.00
		PTAHTPO		O	O	O	£117.00

## Cassette Cover

Cover in case of exposed cassette installation.



### Key Features

- Specially designed for indoor unit
- Covers the side area of cassette
- Gives elegant looks
- Light weight

### Specification

Model	Front Panel	Weight (kg)		Dimensions (mm)			
		NET	Gross	W	H	D	
PTDCQ	PT-UQC	TR	5.0	7.2	907	907	268
		TQ	5.0	7.2	907	907	310

\* Decoration panel can be selected as an optional accessory.

### Model Name

PTDCQ - £186.00

### Applied Products

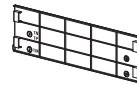
4 Way Cassette (for chassis TQ, TR)

### Included Parts

- Cover A, Cover B
- Cover C, Cover D
- Screws
- Installation Manual (for chassis TQ, TR)



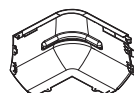
Cover A (4 units)



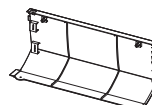
Cover B (4 units)



Screw (32 units)



Cover C (4 units)



Cover D (4 units)



Installation Manual

(Size 24 upwards, upgrade you grille to PT-AFGW0 model)

# ROUND CASSETTE

UT36F NY0 / UT48F NY0

UUD1.U30 UUD3 U30



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



COMBINATION				36	48
Capacity	Cooling	Min. / Rated / Max.	kW	3.80 / 11.00 / 12.54	5.40 / 13.40 / 15.68
	Heating	Min. / Rated / Max.	kW	4.30 / 12.20 / 13.39	6.20 / 15.50 / 17.52
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.50 / 3.06 / 3.98	0.90 / 4.39 / 5.71
	Heating	Min. / Rated / Max.	kW	0.50 / 3.13 / 4.26	0.90 / 4.56 / 5.56
Running Current	Cooling	Rated	A	10.10	19.50
	Heating	Rated	A	10.70	20.20
EER / COP			kWh/kWh	3.60 / 3.90	3.05 / 3.40
SEER / SCOP			kWh/kWh	6.80 / 4.30	6.50 / 4.30
P Design	Cooling @ 35°C		kW	11.0	13.4
	Heating @ -10°C		kW	9.0	9.0
Seasonal Energy Label		Cooling / Heating	-	- / -	- / -
Annual Energy Consumption		Cooling / Heating	kWh	566 / 2,930	1,237 / 2,930
Dehumidification Rate			l/h	4.27	5.65
ODU Sound Pressure Level	Cooling / Heating	Rated	dB(A)	50 / 50	52 / 53
ODU Sound Power Level	Cooling / Heating	Rated	dB(A)	66 / -	69 / 69
Piping Connections	Liquid	Outer Dia.	mm (inch)	Ø 9.52 (3/8)	Ø 9.52 (3/8)
	Gas	Outer Dia.	mm (inch)	Ø 15.88 (5/8)	Ø 15.88 (5/8)
	Connections Method		-	Flare	Flare
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-20 / 52	-20 / 52
	Heating	Min. / Max.	°C	-25 / 18	-25 / 18
INDOOR				UT36F NY0	UT48F NY0
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	90 / 66 / 48	125 / 90 / 66
Air Flow Rate		H / M / L	m³/min	25.0 / 21.0 / 19.0	29.0 / 25.0 / 21.0
Dimensions	Body	W x H x D	mm	1,050 x 330 x 1,050	1,050 x 330 x 1,050
Weight	Body		kg	30.0	30.0
Sound Pressure Level	Cooling	H / M / L	dB(A)	44.0 / 40.0 / 38.0	47.0 / 44.0 / 40.0
	Heating	H / M / L	dB(A)	47.0 / 43.0 / 40.0	49.0 / 46.0 / 42.0
Sound Power Level	Cooling	Rated	dB(A)	59	60
	Heating	Rated	dB(A)	-	62
Piping Connections	Drain Pipe	O.D. / I.D.	mm	Ø 32.0 / 25.0	Ø 32.0 / 25.0
List Price - Indoor Unit			£	<b>£1,107.00</b>	<b>£1,267.00</b>
OUTDOOR - SINGLE PHASE				UUD1 U30	
Power Supply			Ø / V / Hz	1 / 220-240 / 50	
Circuit Breaker		Min.	A	40	
Power Supply Cable (Included Earth)			No x mm³	3C x 6.0	
List Price - Outdoor Unit			£	<b>£1,967.00</b>	
OUTDOOR - THREE PHASE				UUD3 U30	
Power Supply			Ø / V / Hz	3 / 380-415 / 50	
Circuit Breaker		Min.	A	20	
Power Supply Cable (Included Earth)			No x mm³	5C x 2.5	
List Price - Outdoor Unit			£	<b>£2,247.00</b>	
Dimensions	Net	W x H x D	mm	950 x 1,380 x 330	
Weight	Net		kg	85.0	
Compressor	Type		-	Inverter Scroll	
Refrigerant	Type		-	R32	
	GWP (Global Warming Potential)		-	675	
	Precharged Amount		kg	3.0	
	t-CO <sub>2</sub> eq		-	2.025	
	Additional Charge (After 7.5m)		g/m	40	
Fan	Air Flow Rate	Rated	m³/min x No.	55 x 2	
Total Piping Length		Min. / Max.	m	5 / 85	
Piping Elevation	IDU - ODU	Max.	m	30	
List Price - Single Phase System Price			£	<b>£3,074.00</b>	<b>£3,234.00</b>
List Price - Three Phase System Price			£	<b>£3,354.00</b>	<b>£3,514.00</b>

# COMFORT WITH TEMPERATURE & HUMIDITY SENSORS

With Dual Sensing Control, air conditioners can rapidly achieve a comfortable indoor environment for customers.



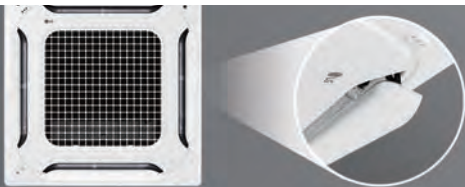
By sensing both temperature and humidity, this feature helps avoid over-cooling and dehumidification, maximizing comfort



☑ Comfort cooling applied to Ceiling Cassette, Ceiling Suspended & Console unit.  
- It does not apply to small capacity cassette models (CT09F, CT12F, CT18F)

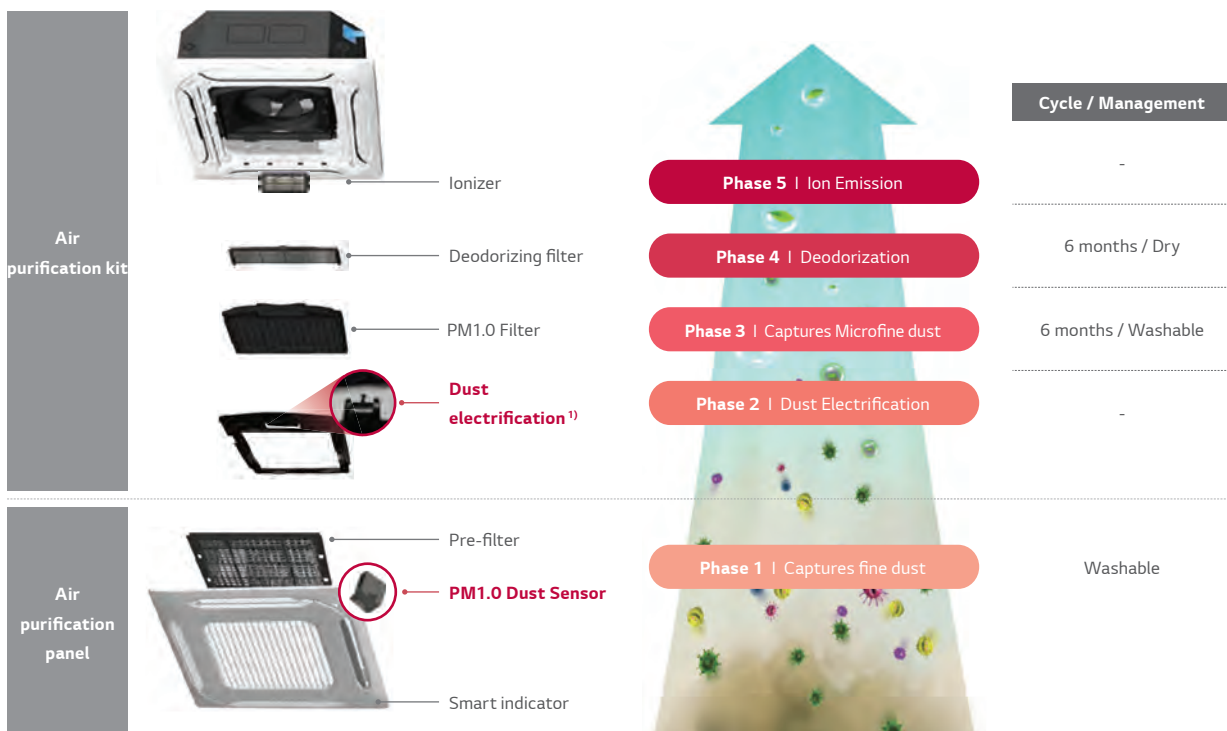
## NEW DESIGN - 4-way air flow with new dual vane design

Innovative dual vane designs each of the best airflow over various spaces with bigger inlet and outlet for faster cooling / heating airflow.



## Convenient and Powerful Air purification

Easy to manage air purifying system with one-touch air cleaning filter.

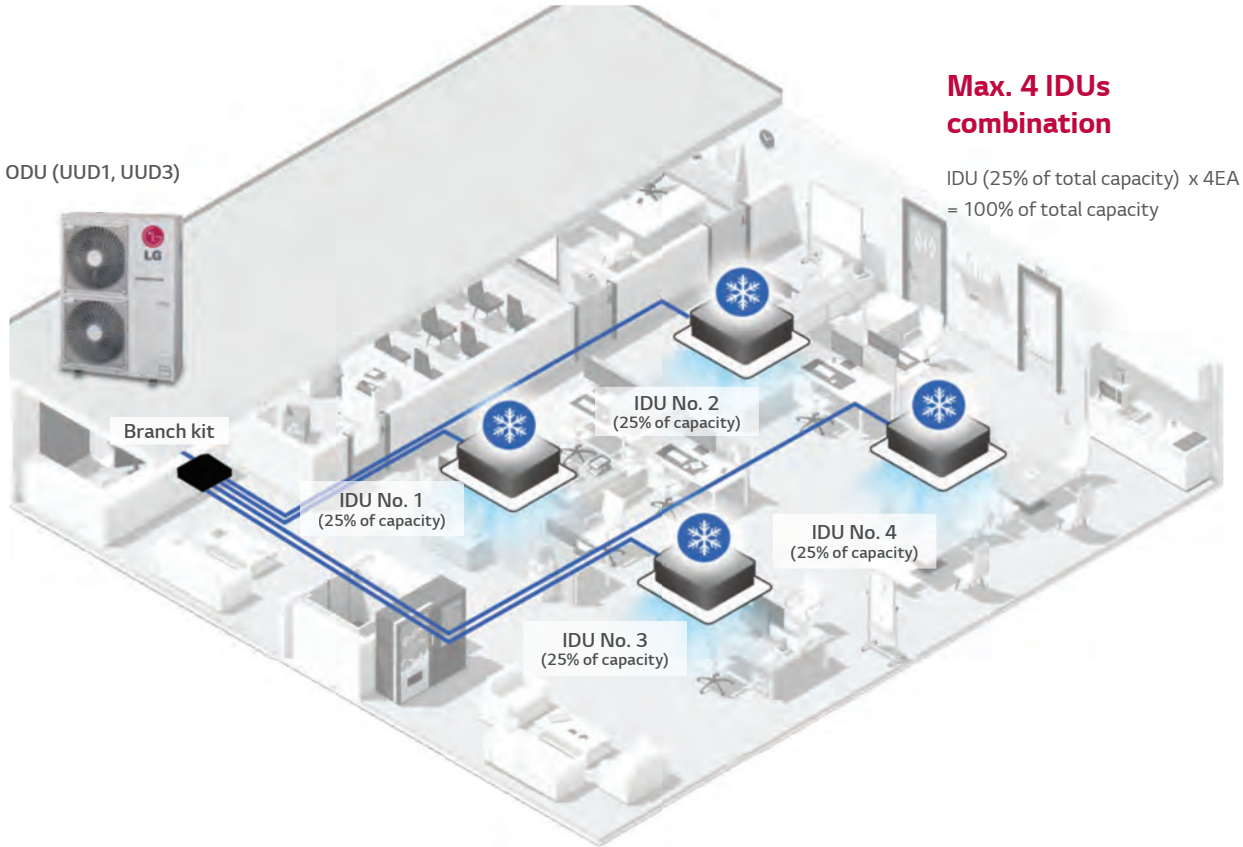


1) Electrical diffusion makes dust electrification.

# ENHANCED APPLICATION

## Synchro function

Maximum 4 indoor units can be combined by using a branch kit and setting dip switch for one outdoor unit. It can be easily applied to various sites.



Combination table

Model - R32 ODU	Duo		Trio		Quartet	
	Cassette	Duct	Cassette	Duct	Cassette	duct
UUD1, UUD3	CT18F x 2EA	CM18F x 2EA	CT12F x 3EA	CL12F x 3EA	CT12F x 4EA	CL12F x 4EA
	CT24F x 2EA	CM24F x 2EA	CT18F x 3EA	CM18F x 3EA	-	-
	UT30F x 2EA	UM30F x 2EA	-	-	-	-
		CL18F x 2EA		CL18F x 3EA		
Branch kit	PMUB11A		PMUB111A		PMUB1111A	

SYNCHRO		
2 PMUB11A	3 PMUB111A	4 PMUB1111A
£128.00	£139.00	£149.00



Model - R410A ODU	DUO		
	4 Way Cassette	Duct	Ceiling Suspended
UU70W	UT36F NAO*2	UM36F N20*2	-
	UT42 NM2*2	UM42 N24*2	UV42FN20 *2
UU85W	-	-	-
	UT42F NAO*2	UM42F N20*2	-
Branch kit	PMUB11A		

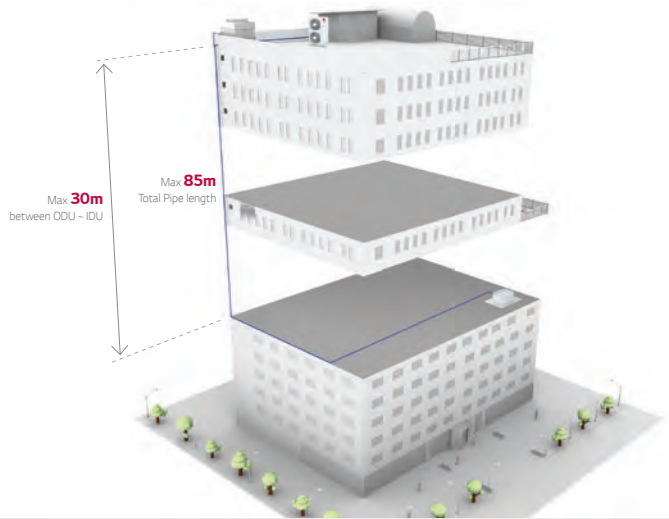
- Possible indoor units: Single CAC indoor unit series
  - Dry contact & Zone control & Auto changeover is not available which is connected with synchro.
  - When using synchro operation
    - Do not use wireless remote controller
    - Use only one wired remote controller in the indoor units.
  - Some Central controllers and some functions of central controller can not be available with synchro operation.
- Branch kits are required for operating Synchro models.  
**NEVER USE A R410a INDOOR ON A R32 OUTDOOR!**



# HIGH PERFORMANCE & RELIABILITY

## Long Pipe Installation

Maximum pipe length up to 85m and elevation length up to 30m provides flexibility for various conditions and easy installation.



[Test condition]

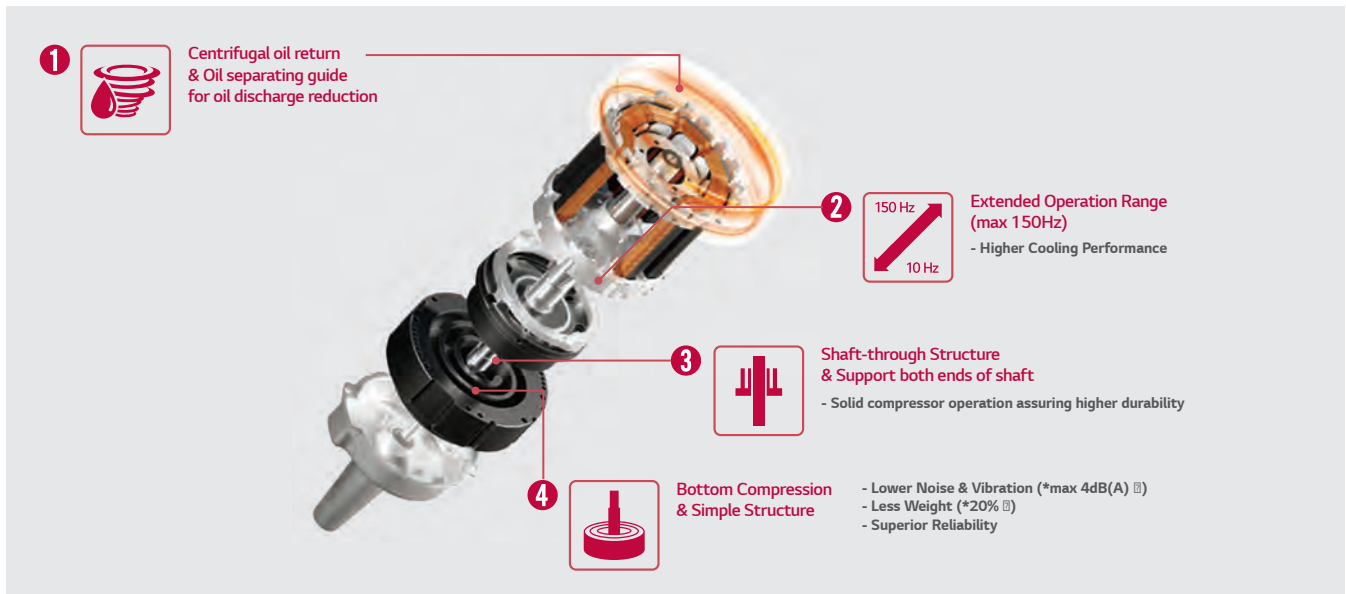
- Location : LG HQ
- Installation : Apply the maximum pipe length by model
- Period : 3 month (checking oil level in real time)
- No use U-Trap

Model name	UUA1	UUB1	UUC1	UUD1 / UUD3
Total pipe length (m)	30	30 / 35*	50	85
Pipe Elevation Level ODU-IDU (m)	30	30	30	30

\* 24k, 30k

## R1 Compressor™

The LG R1 Compressor combines high-efficiency and low sound characteristics of the scroll and the simple compressing structure of the rotary compressor.



## Corrosion Resistance Black Fin

The black coating with enhanced epoxy resin is applied for strong protection from various corrosive external conditions such as salt contamination and air pollution.

### Hydrophilic Film (Water Flow)

The Hydrophilic coating minimizes moisture buildup on the fin.

### Acryl + Epoxy + Melamine Resin (Corrosion Resistant)

The Black coating provides strong protection from corrosion.

### Aluminum Fin

