

CEILING MOUNTED CASSETTE

STANDARD INVERTER (R32)

UUA1.U10

UUB1.U20

UUC1.U40

CT09F
CT12F
CT18F
CT24F
UT30F



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 / 3.70	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				kW	2.5	3.4	5	6.8	8
	Heating @ -10				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)	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				mm (inch)	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)
	Connections Method				-	Flared	Flared	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min - Max		-15 ~ 50	-15 ~ 50	-15 ~ 50	-20 ~ 50	-20 ~ 50		
	Heating	Min - Max		-20 ~ 18	-20 ~ 18	-20 ~ 18	-20 ~ 18	-20 ~ 18		

INDOOR				CT09F.NR0	CT12F.NR0	CT18F.NQ0	CT24F.NB0	UT30F.NB0	
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)				W	26 / 22 / 19	28 / 24 / 20	30 / 26 / 22	36 / 26 / 21	40 / 33 / 26
Air Flow Rate				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	Ø 32.0 / 25.0	Ø 32.0 / 25.0	Ø 32.0 / 25.0	Ø 32.0 / 25.0	Ø 32.0 / 25.0	

Recommended Decoration Panel*	Model Name			PT-QAGW0	PT-AAGW0
	Color			White	White
	Dimensions	Body	mm	620 x 34 x 620	950 x 35 x 950
	Weight	Body	kg	3.0	7.1

Note: There is not an option for dual vane on CT09 and CT12 indoor models.

* Decoration panel can be selected as an optional accessory.

OUTDOOR				UUA1.U10	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 mm²	3C x 2.5	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
Refrigerant	Precharged Amount			kg	1.0	1.2	1.9
	t-CO ₂ eq.			-	0.675	0.81	1.283
	Additional Charge (After 7.5m)			g/m	20	20	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 / 30	5 / 50	
Piping Elevation	IDU - ODU	Max	m	30	30	30	

CONTROLLER	MODEL REFERENCE
Premium	PREMTA000*
Standard II	PREMTB001 / BB01
Standard III	PREMTB100 / BB10
Simple	PQRCVCLOQW / PQRCVCLOQ
Simple - Hotel	PQRCHCAQW / PQRCHCAQ
Wireless Controller	PWLSSB21H

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)