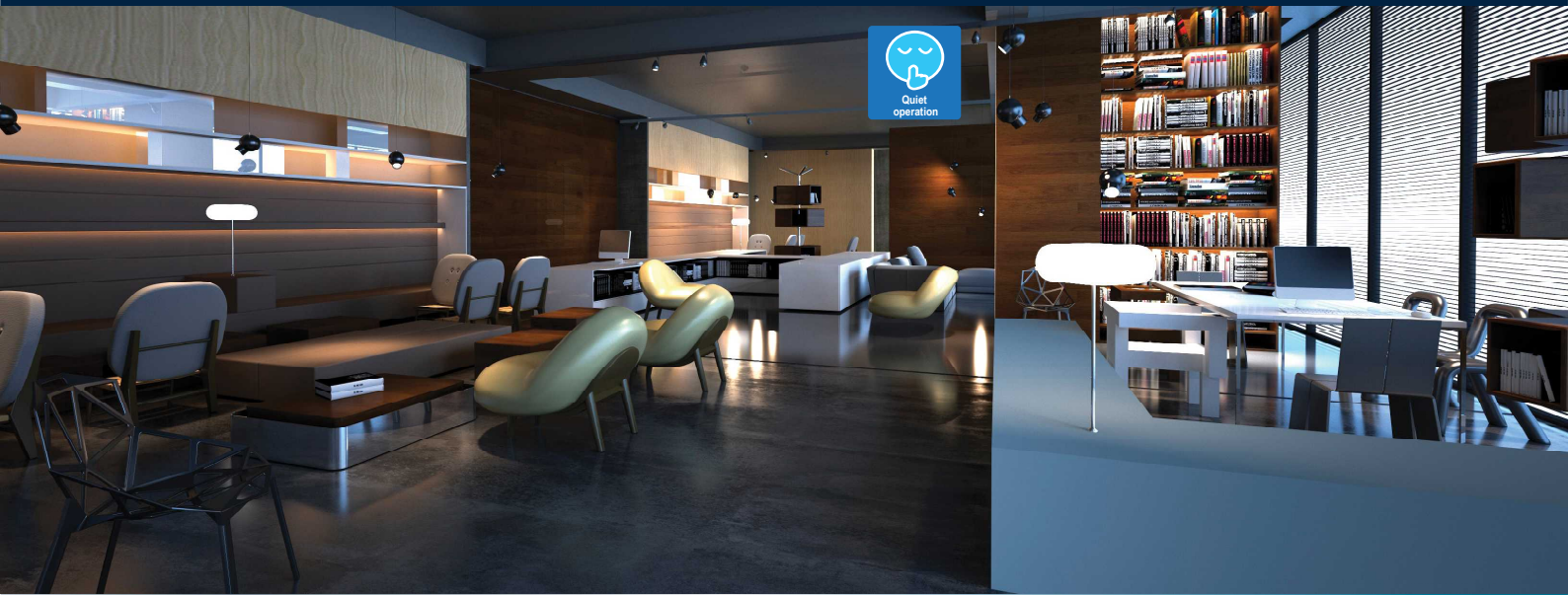




XPOWER ELITE

INVERTER



38TGV0131A1



38TGV(018-24)1A1



38TGV(025-040)1A*



38TGV0481A3



38TGV0601A3

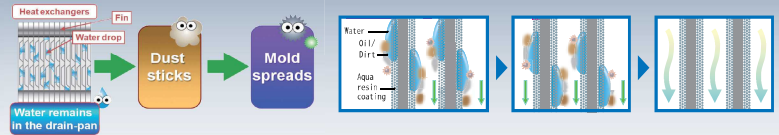


ISO 9001 QMS18026/1686
ISO 14001 EMS18012/471
ISO 45001 OHSMS19061/078



Self-Clean operation-Continuing high performance for energy saving

The mechanism of the wash-off by aqua-resin coated indoor unit's fins.
The "Aqua-resin" prevents dirt and oil from sticking on the fins.
The dew condensation water flush out dirt and oil.
A drying operation inhibits the propagation of mold after washing.



Save energy with inverter system

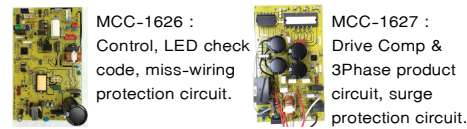
It has smart technology that delivers efficiency, high cooling but use low current with INVERTER working system
R-32 refrigerant, even more energy saving while working at Part load in low cooling condition



Smart control panel

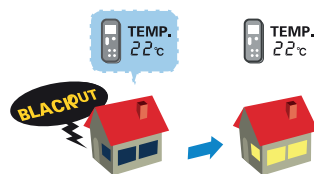
- New control panel
It is designed to withstand dust, moisture and dirt.
- Stable operation
The unit can operate in a voltage range of $\pm 10\%$ from the nominal value.
- Missed phase wiring protection. (For models with 3-phase electrical systems) There is a circuit board to prevent alternating 3-phase wiring. The unit can be operated even with alternating phase power supply.

- Surge protection
Protection against external voltage surges
- Alarm LED
There is a warning lamp. When there is a malfunction



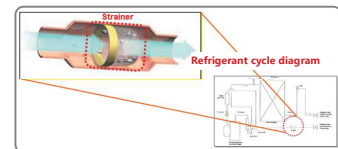
Auto restart function

For stable operation in area with unstable electricity, TGV has AUTO restart function as standard for blackout.



Strainer in gas pipe

XPower has the strainer in the gas pipe to remove the dust and metal-abrasion power



Compressor

Twin rotary compressor is a newly developed compressor. make it smaller and reduce the vibration of the compressor while working when replacing the used air conditioner
Refrigerant R-22 can use the original refrigerant pipe which saves installation time

Remark : The pipe must be washed and the pipe size checked before installation.



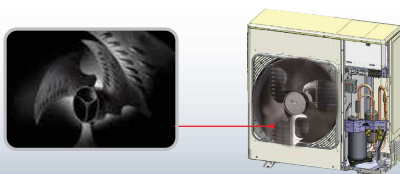
The machine works quietly (Low Noise)

The machine has been developed to be able to work efficiently with Reduce the volume of the machine while working. Compared to the predecessor, the sound test results From the testing room, the lowest noise level was 29 decibels**.



Bat Wing Fan

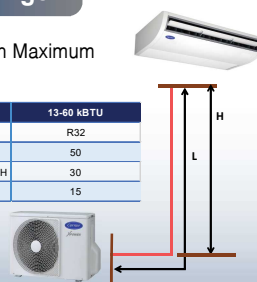
New design fan blades improves efficiency in Cooling and noise reduction while working



Piping range

For pipe length Maximum 50 meters

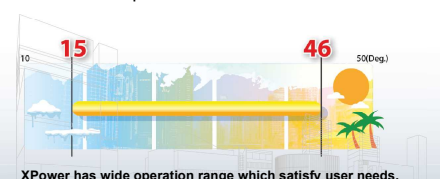
XPower Piping range	13-60 kBTU
Refrigerant	R32
Max.(m) L	50
Max. height difference(m) H	30
Charge less (m)	15



*For pipe lengths up to 15 meters No additional coolant is required.

Outside temperatures

outside temperature



Condensing unit

Aluminum Alloy

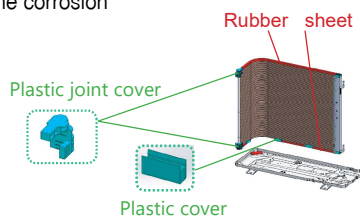
In general, the density of aluminum is one-third lighter of copper!
Specialized aluminum alloy adapted heat exchanger to prevent corrosion!

Fin guard installed

Strengthen safety by installing fin guard for additional protection HEX fin directly contact to installer or user

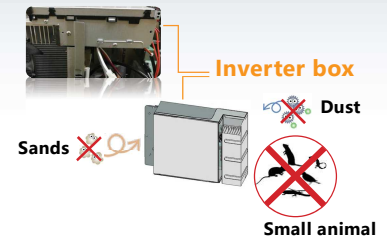
Plastic joint cover and rubber sheet installed

Longer life time operation by installing plastic joint cover and rubber sheet between aluminum alloy heat exchanger and steel part in condensing unit to reduce the corrosion



Sealed up inverter box

Inverter box of XPower is fully sealed up in order to void malfunction due to sand, dust and small animal.



Anti-Corrosion

With a new resistance corrosion aluminum alloy, Heat exchanger become highly durable. A salt spray test has been conducted to demonstrate the corrosion-resistant capability of our products in corrosive environments for a certain period of time.

Before testing



After testing



Normal Under telescope

After undergoing an intensive Salt Spray test, the heat exchanger (PFC) is able to maintain its shape without corrosion, which strongly confirms its durability in a highly corrosive environment.

Wireless WIFI Interface Kit 40VCIWF0010UCPE (Option)

Smart Phone / Tablet, which is easy to use. No matter where you are, you can turn on-off, control the temperature with the Application "Carrier In The Air"



1-Way Cassette Type

Embedded model, 1 direction blower, control system with inverter system Newly designed to be modern, compact and quiet working. The machine is smooth. Go with the ceiling, adding beauty to the room, starting from 13,300 - 40,200 Btu/hr.

• IAQ Filter Model TCB-ACFC1CPE (Option)



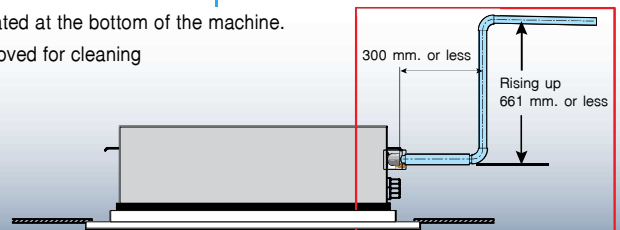
• Built-in condensate drain pump

The drain pump is a standard equipment installed from the factory. able to send wastewater vertically up to 661 mm.

The swing can distribute the wind thoroughly as needed. You can choose to use both modes. Adjust swing up-down automatically or stop the swing in the desired position



The air filter is located at the bottom of the machine. Can be easily removed for cleaning



Under Ceiling Type

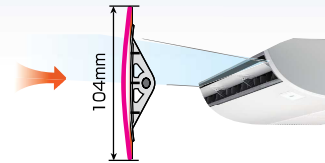
• New designed wide flap, easy servicable filter

The swing can distribute the wind thoroughly as needed. You can choose to use both modes. Adjust the swing up-down automatically or stop swinging in the desired position.



"For under-ceiling installation only"

this vent has promoted air distribution



The air filter is located at the bottom of the machine. Can be easily removed for cleaning

• The new Drain tray is made of plastic.

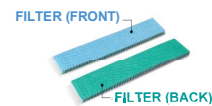
The drain tray does not corrode like metal but is still strong.

• Drain Pump kit (Option)

Anti-bacterial drain pump available. Easy to install and to maintain. The design, possible solution, where there is a lack of space.



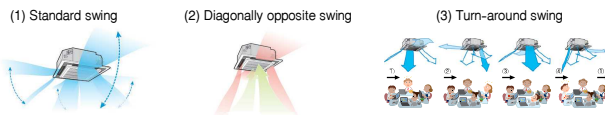
• IAQ Filter Model TCB-ACFC1CPE (Option)



4-Way Cassette Type

• Multi-louver individual control

The 4-way independent air distribution system helps deliver cool air to meet the needs of users in all directions.



• Anti-bacterial glass

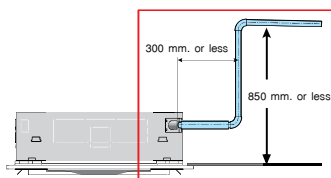
Anti-bacterial glass set helps limit growth of bacteria in the sewage system and assist in draining make it easier



*(For model 40TGEV0241-0551UP)

• Built-in condensate drain pump

The drain pump is a standard equipment installed from the factory. Able to deliver effluent vertically up to 850 mm.



• Air purifier kit (Option)

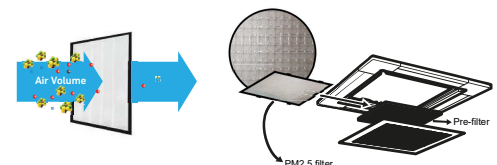
Clean and fresh air while keeping you informed of the indoor air quality.



*(For model 40TGEV0241-0551UP)

• PM2.5 Filter (Option)

PM 2.5 Filter has an electrostatic solution that captures particles by electrostatic force. This achieves effective filtration despite having a thinner filter.

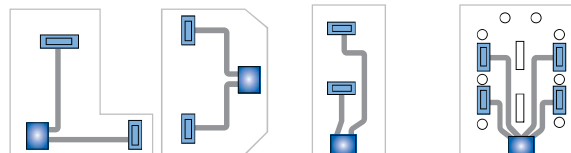


*(For model 40TGEV0241-0551UP)

Ducted Type

• Design flexibility

Air flow can be adjusted to various levels to suit with a variety of air pipes increase flexibility in the design of the air duct making it easy to install and the machine can still work efficiently (External Static Pressure in the range of 0.12-0.48 in.wg)



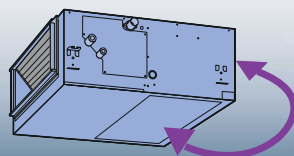
Polygonal rooms

Narrow rooms

Rooms with fixtures and obstacles

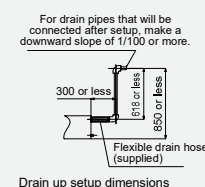
• Installation flexibility

The direction of the air vent can be moved back, from the back of the machine to the bottom without the need for additional equipment



• Built-in condensate drain pump

The drain pump is a standard equipment installed from the factory. Able to deliver effluent vertically up to 850 mm.



Drain up setup dimensions










1-Way Cassette Type



White ceiling panel (Standard)































Black color ceiling panel (Option)

Specification																																					
Model Name	Outdoor Unit	38TG/V0131A1 40BG/V0131UP				38TG/V0181A1 40BG/V0181UP				38TG/V0241UP 40BG/V0241UP				38TG/V0251A1 40BG/V0251UP				38TG/V0301A1 40BG/V0301UP				38TG/V0361A1 40BG/V0361UP				38TG/V0381A3 40BG/V0381UP				38TG/V0401A1 40BG/V0401UP				38TG/V0401A3 40BG/V0401UP			
Cooling Capacity (Min. Hz/Rate Hz/ Max. Hz.)		Min	Rate	Max	Min	Rate	Max	Min	Rate	Max	Min	Rate	Max	Min	Rate	Max	Min	Rate	Max	Min	Rate	Max	Min	Rate	Max	Min	Rate	Max	Min	Rate	Max						
	Kw.	1.1	3.9	4.0	1.2	5.3	5.6	2.0	7.4	8.0	2.0	7.1	8.0	2.0	7.4	8.5	3.0	8.8	10.0	4.0	10.6	11.2	4.0	10.6	11.2	4.0	10.6	11.2	4.0	11.8	13.2						
Btu/hr.		3,700	13,300	13,600	4,100	18,100	19,100	4,100	24,200	27,200	6,800	25,200	29,000	10,200	30,000	34,100	13,600	36,100	38,200	13,600	36,100	38,200	13,600	36,100	38,200	13,600	36,100	38,200	13,600	40,200	45,000						
Efficiency	SEER	21.62 *** 				18.25 * 				18.76 * 				20.44 *** 				18.21 * 				17.50 * 				17.50 * 				18.08 * 				17.20 * 			
Star rating																																					
Power Consumption	Kw.	0.20	0.88	0.95	0.20	1.50	1.80	0.30	1.96	2.50	0.55	2.56	3.00	0.80	3.18	3.80	0.80	3.18	3.80	0.80	3.18	3.80	0.80	3.18	3.80	0.80	3.18	3.80	0.80	3.52	4.40						
Power Supply		220V / 1Ph / 50Hz																																			
Operation Current	Amps.	1.25	4.35	4.60	1.25	7.25	8.40	1.90	9.50	11.70	3.45	12.40	14.50	5.05	15.20	18.80	1.70	5.30	6.25	1.70	5.30	6.25	1.70	5.30	6.25	1.70	5.30	6.25	1.70	5.60	7.20						
Indoor Unit	Standard air flow rate	650 / 510 / 410																																			
	(H / M / L)	CFM 370 / 300 / 240																																			
Noise Level	dB(A)	47																																			
Sound Pressure Level	Indoor Unit (H / M / L)	38 / 32 / 29																																			
Dimension	mm	550 x 780 x 280																																			
Net Weight	Indoor Unit (HxWxD)	Housing : 250 x 760 x 703, Ceiling Panel : 30 x 995 x 800																																			
	Outdoor Unit	Housing : 310 x 1,394 x 703, Ceiling Panel : 30 x 1,630 x 800																																			
Ceiling Panel Colour	kg.	Housing : 28, Ceiling Panel : 4																																			
Refrigerant Type		PURE WHITE																																			
Refrigerant Charge	kg.	R-32																																			
Compressor Type		Twin Rotary DC-Inverter																																			
Expansion Device Valve		PMV (Pulse Motor Valve)																																			
Connecting Pipe	Liquid	3/8																																			
	Suction	5/8																																			
Coupler Style	Type	Flare																																			
Drain O.D.	mm.	26																																			
Pipe Length	Standard	7.5																																			
	Chargeless Pipe	15 (over 15 m, need to extracharge 35 g/m)																																			
	Minimum Pipe Length	3																																			
	Maximum Pipe Length	50																																			
	Maximum Pipe Height	30																																			
Capacity Test Condition		Indoor : 27 Cdb, 19 Cwh; Outdoor : 35 Cdb, 24 Cwh																																			

Under Ceiling Type














“For under-ceiling installation only”

Specification			Under Ceiling - Inverter control																																	
Model Name	Outdoor Unit			38TGV013A1		38TGV018A1		38TGV024A1		38TGV025A1		38TGV030A1		38TGV036A1		38TGV036A3		38TGV038A3		38TGV040A1		38TGV040A3		38TGV048A3		38TGV060A3										
Cooling Capacity (Min. Hz./Rate Hz./ Max.Hz.)	Indoor Unit			42TGV0131CP		42TGV0181CP		42TGV0241CP		42TGV0251CP		42TGV0301CP		42TGV0361CP		42TGV0361CP		42TGV0381CP		42TGV0401CP		42TGV0481CP		42TGV0601CP												
	Min	Rate	Max	Min	Rate	Max	Min	Rate	Max	Min	Rate	Max	Min	Rate	Max	Min	Rate	Max	Min	Rate	Max	Min	Rate	Max	Min	Rate	Max									
Efficiency	Kw, 1.1	3.9	4.0	1.2	5.3	5.6	1.2	7.1	8.0	2.0	7.4	8.5	3.0	8.8	10.0	4.0	10.6	11.2	4.0	11.3	13.2	4.0	11.8	13.2	4.0	14.1	15.9	4.0	17.8	18.5						
	Btu/hr, 3,700	13,300	13,600	4,100	18,100	19,100	4,100	24,200	27,200	6,800	25,200	29,000	10,200	30,000	34,100	13,600	36,100	38,200	13,600	36,100	45,000	13,600	40,200	45,000	13,600	48,000	54,200	13,600	60,700	63,100						
SEER,	Btu/hr./Watt																																			
Star rating																																				
Power Consumption	Kw, 0.20		0.88		0.95		0.20		1.50		1.80		0.20		2.20		0.80		3.18		3.80		0.80		3.39		4.40		0.80		3.39		4.40			
Power Supply	220V / 1Ph / 50Hz		220V / 1Ph / 50Hz		220V / 1Ph / 50Hz		220V / 1Ph / 50Hz		220V / 1Ph / 50Hz		220V / 1Ph / 50Hz		220V / 1Ph / 50Hz		220V / 1Ph / 50Hz		220V / 1Ph / 50Hz		220V / 1Ph / 50Hz		220V / 1Ph / 50Hz		220V / 1Ph / 50Hz		220V / 1Ph / 50Hz		220V / 1Ph / 50Hz		220V / 1Ph / 50Hz		220V / 1Ph / 50Hz					
Operation Current	Amps, 1.25		4.35		4.60		1.25		7.25		8.40		1.25		10.20		5.05		15.20		18.80		5.05		16.20		21.00		1.70		5.10		16.20		21.00	
Indoor Unit	Standard air flow rate (H / M / L)		900 / 720 / 540		900 / 720 / 540		1,750 / 1,520 / 1,180		1,750 / 1,520 / 1,180		1,750 / 1,520 / 1,180		1,750 / 1,520 / 1,180		1,860 / 1,530 / 1,200		2,040 / 1,560 / 1,220		2,040 / 1,560 / 1,220		2,040 / 1,560 / 1,220		2,040 / 1,560 / 1,220		2,040 / 1,560 / 1,220		2,040 / 1,560 / 1,220		2,040 / 1,560 / 1,220		2,040 / 1,560 / 1,220					
	CFM, 530 / 420 / 320		530 / 420 / 320		530 / 420 / 320		1,030 / 884 / 665		1,030 / 884 / 665		1,030 / 885 / 695		1,030 / 885 / 695		1,085 / 900 / 705		1,085 / 900 / 705		1,085 / 900 / 705		1,085 / 900 / 705		1,085 / 900 / 705		1,085 / 900 / 705		1,085 / 900 / 705		1,085 / 900 / 705		1,085 / 900 / 705		1,085 / 900 / 705			
Noise Level	dB(A)		47		52		52		57		58		59		59		59		60		60		60		60		60		60		60		60			
Sound Pressure Level	dB(A)		37 / 35 / 30		37 / 35 / 31		42 / 35 / 31		42 / 35 / 31		43 / 36 / 32		44 / 38 / 33		44 / 38 / 33		44 / 38 / 33		46 / 41 / 35		46 / 41 / 35		46 / 41 / 35		47 / 44 / 37		48 / 45 / 41		48 / 45 / 41		48 / 45 / 41					
Dimension	mm, 550 x 780 x 280		550 x 780 x 280		630 x 800 x 300		630 x 800 x 300		630 x 800 x 300		890 x 900 x 320		890 x 900 x 320		890 x 900 x 320		890 x 900 x 320		890 x 900 x 320		890 x 900 x 320		890 x 900 x 320		890 x 900 x 320		890 x 900 x 320		890 x 900 x 320		890 x 900 x 320					
	mm, 235 x 952 x 680		235 x 952 x 680		235 x 1,269 x 680		235 x 1,269 x 680		235 x 1,269 x 680		235 x 1,269 x 680		235 x 1,269 x 680		235 x 1,586 x 680		235 x 1,586 x 680		235 x 1,586 x 680		235 x 1,586 x 680		235 x 1,586 x 680		235 x 1,586 x 680		235 x 1,586 x 680		235 x 1,586 x 680		235 x 1,586 x 680					
Net Weight	kg, 32		32		37		37		51		59		59		60		60		61		61		61		61		61		61		61		61			
	Indoor Unit		23		23		29		29		29		29		37		37		37		37		37		37		37		37		37		37			
Refrigerant Type																																				
Refrigerant: Charge	kg, 0.7		0.7		0.9		1.0		1.0		1.2		1.2		1.2		1.2		1.4		1.4		1.4		1.4		1.4		1.4		1.5					
Compressor Type																																				
Expansion Device Valve																																				
Connecting Pipe	Liquid		Inch, 1/4		1/4		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8					
	Suction		Inch, 1/2		1/2		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8					
Coupler Style			Flare		Flare		Flare		Flare		Flare		Flare		Flare		Flare		Flare		Flare		Flare		Flare		Flare		Flare		Flare					
	mm, 28		28		26		26		26		26		26		26		26		26		26		26		26		26		26		26					
Pipe Length	Standard		M, 7.5		7.5		7.5		7.5		7.5		7.5		7.5		7.5		7.5		7.5		7.5		7.5		7.5		7.5		7.5					
	Chargeless Pipe		M, 15 (over 15 m, need to extracharge 20 gm)		15 (over 15 m, need to extracharge 20 gm)		15 (over 15 m, need to extracharge 20 gm)		15 (over 15 m, need to extracharge 20 gm)		15 (over 15 m, need to extracharge 20 gm)		15 (over 15 m, need to extracharge 20 gm)		15 (over 15 m, need to extracharge 20 gm)		15 (over 15 m, need to extracharge 20 gm)		15 (over 15 m, need to extracharge 20 gm)		15 (over 15 m, need to extracharge 20 gm)		15 (over 15 m, need to extracharge 20 gm)		15 (over 15 m, need to extracharge 20 gm)		15 (over 15 m, need to extracharge 20 gm)		15 (over 15 m, need to extracharge 20 gm)		15 (over 15 m, need to extracharge 20 gm)					
	Minimum Pipe Length		M, 3		3		3		5		5		5		5		5		5		5		5		5		5		5		5					
	Maximum Pipe Length		M, 50		50		50		50		50		50		50		50		50		50		50		50		50		50		50					
	Maximum Pipe Height		M, 30		30		30		30		30		30		30		30		30		30		30		30		30		30		30					
Capacity Test Condition																																				
					</																															



Black color ceiling panel (Option)

Specification (รายละเอียดของเครื่อง)			4-Way Cassette - Inverter control																																									
Model Name	Outdoor Unit	Indoor Unit	387GV0131A1 407GV0131UP	387GV0161A1 407GV0161UP	387GV0241A1 407GV0241UP	387GV0251A1 407GV0251UP	387GV0301A1 407GV0301UP	387GV0361A1 407GV0361UP	387GV0361A3 407GV0361UP	387GV0391A3 407GV0391UP	387GV0401A3 407GV0401UP	387GV0481A3 407GV0481UP	387GV0601A3 407GV0601UP																															
Cooling Capacity (Min. Hz./Rate Hz./ Max Hz.)			Min 1.1	Rate 3.9	Max 4.0	Min 1.2	Rate 5.3	Max 5.6	Min 1.2	Rate 7.1	Max 8.0	Min 2.0	Rate 7.4	Max 8.5	Min 3.0	Rate 8.8	Max 10.0	Min 4.0	Rate 10.6	Max 11.2	Min 4.0	Rate 11.3	Max 13.2	Min 4.0	Rate 11.8	Max 13.2	Min 4.0	Rate 14.1	Max 15.9	Min 4.0	Rate 17.8	Max 18.5												
			3.700	13.300	13.600	4.100	24.200	27.200	4.100	24.200	27.200	6.800	25.200	29.000	10.200	30.000	34.100	13.600	36.100	38.200	13.600	38.500	45.000	13.600	40.200	45.000	13.600	46.000	54.200	13.600	60.700	63.100												
Efficiency	SEER	Btu/hr./Watt	 26.00 ***			 24.10 ***			 19.00 ***			 22.72 ***			 20.95 ***			 20.00 **			 20.00 **			 21.50 ***			 20.30 **			 17.33 **			 17.50 **											
Star rating																																												
Power Consumption	Kw.		0.20	0.82	0.95	0.20	1.37	1.60	0.20	2.14	2.60	0.30	1.92	2.50	0.55	2.45	3.00	0.60	3.14	3.60	0.80	3.25	4.40	0.80	3.33	4.40	0.80	3.33	4.40	0.80	3.33	4.40	0.67	5.93	6.76									
Power Supply			220V / 1Ph / 50Hz			220V / 1Ph / 50Hz			220V / 1Ph / 50Hz			220V / 1Ph / 50Hz			220V / 1Ph / 50Hz			380V / 3Ph / 50Hz			380V / 3Ph / 50Hz			220V / 1Ph / 50Hz			380V / 3Ph / 50Hz			380V / 3Ph / 50Hz			380V / 3Ph / 50Hz											
Operation Current	Amp.		1.25	4.05	4.60	1.25	6.35	8.40	1.25	9.95	12.10	1.50	9.25	11.70	3.45	11.80	14.50	5.05	15.00	18.60	1.70	5.25	6.25	1.70	5.35	7.20	1.70	5.30	7.20	1.70	5.30	7.20	1.23	9.60	10.90									
Indoor Unit	Standard air flow rate (H / M / L)		1,050 / 870 / 760			1,050 / 870 / 760			1,200 / 960 / 810			1,200 / 960 / 810			1,820 / 1,360 / 1,080			2,010 / 1,440 / 1,170			2,010 / 1,440 / 1,170			2,130 / 1,440 / 1,230			2,130 / 1,440 / 1,230			2,130 / 1,500 / 1,260			2,200 / 1,620 / 1,300											
	CFM		620 / 510 / 460			620 / 510 / 460			720 / 570 / 480			720 / 570 / 480			1,070 / 900 / 640			1,180 / 850 / 690			1,180 / 850 / 690			1,250 / 850 / 720			1,250 / 850 / 720			1,250 / 880 / 740			1,290 / 1,070 / 880											
Noise Level			47			52			52			57			58			58			59			60			60			60			60			63								
	Indoor Unit (H / M / L)		34 / 31 / 27			35 / 31 / 28			35 / 31 / 28			35 / 31 / 28			43 / 39 / 37			46 / 42 / 37			46 / 42 / 37			47 / 43 / 38			47 / 43 / 38			47 / 44 / 39			48 / 45 / 43											
Dimension			550 x 780 x 290			630 x 800 x 300			630 x 800 x 300			630 x 800 x 300			890 x 900 x 320			890 x 900 x 320			890 x 900 x 320			890 x 900 x 320			890 x 900 x 320			890 x 900 x 320			1,340 x 900 x 320											
	Indoor Unit (HxWxD)		Housing : 255 x 840 x 840, Ceiling Panel : 30 x 950 x 950			Housing : 255 x 840 x 840, Ceiling Panel : 30 x 950 x 950			Housing : 255 x 840 x 840, Ceiling Panel : 30 x 950 x 950			Housing : 255 x 840 x 840, Ceiling Panel : 30 x 950 x 950			Housing : 319 x 840 x 840, Ceiling Panel : 30 x 950 x 950			Housing : 319 x 840 x 840, Ceiling Panel : 30 x 950 x 950			Housing : 319 x 840 x 840, Ceiling Panel : 30 x 950 x 950			Housing : 319 x 840 x 840, Ceiling Panel : 30 x 950 x 950			Housing : 319 x 840 x 840, Ceiling Panel : 30 x 950 x 950			Housing : 319 x 840 x 840, Ceiling Panel : 30 x 950 x 950			Housing : 319 x 840 x 840, Ceiling Panel : 30 x 950 x 950											
Net Weight			32			37			37			51			59			60			59			61			62			61			61			83								
	Indoor Unit		Housing : 20, Ceiling Panel : 4			Housing : 20, Ceiling Panel : 4			Housing : 20, Ceiling Panel : 4			Housing : 20, Ceiling Panel : 4			Housing : 20, Ceiling Panel : 4			Housing : 20, Ceiling Panel : 4			Housing : 20, Ceiling Panel : 4			Housing : 20, Ceiling Panel : 4			Housing : 20, Ceiling Panel : 4			Housing : 20, Ceiling Panel : 4			Housing : 20, Ceiling Panel : 4			Housing : 20, Ceiling Panel : 4								
Refrigerant Type																																												
Refrigerant	Charge		kg.			0.7			0.9			1.0			1.0			1.2			1.2			1.4			1.4			1.4			1.4			1.5								
Compressor Type																																												
Expansion Device (valve)																																												
Connecting Pipe																																												
	Liquid		1/4			1/4			3/8			3/8			3/8			3/8			3/8			3/8			3/8			3/8			3/8			3/8								
	Suction		1/2			1/2			5/8			5/8			5/8			5/8			5/8			5/8			5/8			5/8			5/8			5/8								
Coupler Style	Type																																											
	Drain O.D.		32			32			32			32			32			32			32			32			32			32			32			32								
Pipe Length			M.			7.5			7.5			7.5			7.5			7.5			7.5			7.5			7.5			7.5			7.5			7.5								
	Chargeless Pipe		M.			15 (over 15 m, need to extracharge 20 gm)			15 (over 15 m, need to extracharge 20 gm)			15 (over 15 m, need to extracharge 20 gm)			15 (over 15 m, need to extracharge 20 gm)			15 (over 15 m, need to extracharge 20 gm)			15 (over 15 m, need to extracharge 20 gm)			15 (over 15 m, need to extracharge 20 gm)			15 (over 15 m, need to extracharge 20 gm)			15 (over 15 m, need to extracharge 20 gm)			15 (over 15 m, need to extracharge 20 gm)											
	Minimum Pipe Length		M.			3			3			3			3			3			3			3			3			3			3			3								
	Maximum Pipe Length		M.			50			50			50			50			50			50			50			50			50			50			50								
	Maximum Pipe Height		M.			30			30			30			30			30			30			30			30			30			30			30								
Capacity Test Condition																																												

Ducted Type



Built-in high-lift drain pump

External static pressure can be raised as high as 120Pa, so that all areas of the room can be reached for even temperature distribution, no matter how complex the layout

Compact sizing

Compact size especially in height (275mm.), offers a wide range of installation opportunities to customer

Wide range of application opportunities

[illegible]

Feature function



Type of Air conditioner		1 Way Cassette	Under Ceiling	4 Way Cassette	Duct
Fan Coil Unit	220Volt/1Ph/50Hz.	40BGV0131-0401UP	42TGV0131-0601CP	40TGV0131-0601UP	42TGV0131-0601BP
Condensing Unit	220Volt/1Ph/50Hz.	38TGV0131-0401A1	38TGV0131-0401A1	38TGV0131-0401A1	38TGV0131-0401A1
	380Volt/3Ph/50Hz.	38TGV0361-0401A3	38TGV0361-0601A3	38TGV0361-0601A3	38TGV0361-0601A3
	kBTU	13/18/24/25/30/36/39/40	13/18/24/25/30/36/39/40/48/60	13/18/24/25/30/36/39/40/48/60	13/18/24/30/36/40/48/60
Refrigerant & Operation					
Refrigerant type		R32	R32	R32	R32
Inverter system		Yes	Yes	Yes	Yes
Function of Convenience					
Auto Swing		Yes	Yes	Yes	-
Swing Pattern Selection		-	-	Yes	-
Switchable Fan Speed		Yes	Yes	Yes	Yes
Dry mode		Yes	Yes	Yes	Yes
High Ceiling Application		Yes	Yes	Yes	Yes
2 Selectable Temperature-sensor *1		Yes	Yes	Yes	Yes
Night Quiet Operation *2		Yes (Optional)	Yes (Optional)	Yes (Optional)	Yes (Optional)
Operation & Maintenance					
Drain pump Motor		Yes	Yes (Optional)	Yes	Yes
Refrigerant charged from Factory		Yes	Yes	Yes	Yes
Filter sign		Yes	Yes	Yes	Yes
Low side Pressure Detection		Yes	Yes	Yes	Yes
Inside/Outside temperature		Yes	Yes	Yes	Yes
Compressor suction temperature		Yes	Yes	Yes	Yes
Compressor discharge temperature		Yes	Yes	Yes	Yes
Operation current		Yes	Yes	Yes	Yes
Self-diagnosis Function		Yes	Yes	Yes	Yes
Control-Property					
Auto-restart function		Yes	Yes	Yes	Yes
Control by Wireless remote controllers (Closely unit, separate A/B)		Yes	Yes	Yes	Yes
Control by 2 remote controllers *1		Yes	Yes	Yes	Yes
Group Control by 1 remote controller *1		Yes	Yes	Yes	Yes
External Command Control		Yes	Yes	Yes	Yes
Central Remote Control		Yes	Yes	Yes	Yes
BMS Control		Yes	Yes	Yes	Yes
Key Card Control		Yes	Yes	Yes	Yes
Remote control & Controller					
Set point Auto Reset		Yes	Yes	Yes	Yes
Set point Range set		Yes	Yes	Yes	Yes
Weekly Schedule Timer *2		Yes	Yes	Yes	Yes
Off Timer- Programmed		Yes	Yes	Yes	Yes
On-Off Timer		Yes	Yes	Yes	Yes
Weekly Schedule Timer *2		Yes	Yes	Yes	Yes
Accessories					
Discharge thermo sensor		Yes	Yes	Yes	Yes
Suction thermo sensor		Yes	Yes	Yes	Yes
Compressor case thermo		Yes	Yes	Yes	Yes
Over current protection(Compressor)		Yes	Yes	Yes	Yes
High pressure switch *3		Yes	Yes	Yes	Yes
Mis-wiring and un-balance phase protection. *4		Yes	Yes	Yes	Yes
Surge protector circuit.		Yes	Yes	Yes	Yes
LED check Error code		Yes	Yes	Yes	Yes
PCB coat		Yes	Yes	Yes	Yes
Accessories (Technology for healthy)					
PM 2.5 Filter		-	-	Yes (Optional)	-
IAQ with Anti-bacterial Filter		Yes (Optional)	Yes (Optional)	-	-
Anti-bacterial drain pan kit		-	Yes (Optional)	Yes	-
Fresh Air intake Kit		Yes	Yes	Yes	Yes
Other					
Anti-corrosion coating on the evaporator coil		BLUE FIN	AQUA RASIN	AQUA RASIN	AQUA RASIN
Anti-corrosion coating on the hot coil		Microguard/Bronz-Grow (Optional)	Microguard/Bronz-Grow (Optional)	Microguard/Bronz-Grow (Optional)	Microguard/Bronz-Grow (Optional)





Remarks : 1. Can be used with Wired Remote control model CARR-AMT32E & 40VCW534SJEE

2. Can be used with Wired Remote control model 40VCW534SJEE

3. For Condensing Unit model 38TGV0251-0301A1, 38TGV0361A1/A3, 38TGV0401A1/A3, 38TGV0481-0601A3

4. For Condensing Unit model 38TGV0361-0401A3, 38TGV0481-0601A3

L/C REMOTE CONTROLLER

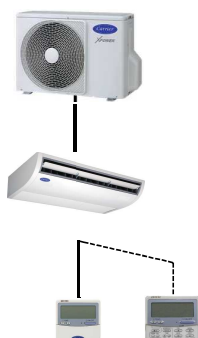
Function	Wired Remote Controller			
				
Model Name	Lite vision plus	Standards plus	Standards	STD-(Weekly Timer)
	40VCW56-8-JEE	CARR-AMT32E	CARR-AMT0AE	CARR-AMS0AE
Start / Stop	✓	✓	✓	✓
Mode	✓	✓	✓	✓
Setting Temperature	✓	✓	✓	✓
Fan Speed	✓	✓	✓	✓
Timer Function	✓	✓	-	✓
Schedule Function	✓	-	-	✓
Energy Save Function	✓	-	-	✓
Filter dirty indicator	✓	✓	-	-
Error Display	✓	✓	✓	✓

Wired remote controller

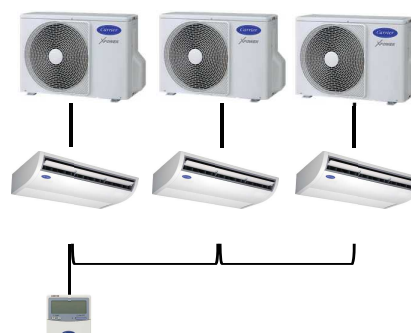
Single controllers



2 Remote controllers

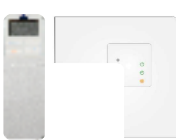





Group n = 16



Only Wired remote control model 40VCW534SJEE / CARR-AMT32E

Individual remote controller

Wireless remote controller			
Model	4-Way cassette	1 Way cassette / Ceiling / Floor Standing	Std Duct
	Controller packed with FCU	CARR-ACXU31P-E	CARR-ACXU31P-E
			
XPower	 Standard WC-TE07NE	✓	✓



Proprietary and Confidential

REMOTE CONTROLLER

1-Way Cassette Type



Available in wireless or wired remote



Wireless remote controller
CARR-ACXU31CP-E



Wired remote controller**
40VCW56-8-JEE
(Option)



Wired remote controller**
CARR-AMT32E
(Option)



Wired remote controller
CARR-AMT0AE



Wired remote controller**
CARR-AMSOAE
(Option)



**Available as option.

Under Ceiling Type



"For under-ceiling installation only"

Available in wireless or wired remote



Wireless remote controller
CARR-ACXU31CP-E



Wired remote controller**
40VCW56-8-JEE
(Option)



Wired remote controller**
CARR-AMT32E
(Option)



Wired remote controller
CARR-AMT0AE



Wired remote controller**
CARR-AMSOAE
(Option)



**Available as option.

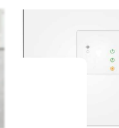
4-Way Cassette Type



Wireless Remote (Standard)



Wireless remote controller
(Standard)



Wired remote controller**
40VCW56-8-JEE
(Option)



Wired remote controller*
CARR-AMT32E
(Option)



Wired remote controller**
CARR-AMT0AE



Wired remote controller**
CARR-AMSOAE
(Option)



* Included with indoor unit

** Wired remote controller is available as option.

Ducted Type



Wide range of application opportunities

Available in wireless or wired remote



Wireless remote controller**
CARR-ACXU31P-E



Wired remote controller**
40VCW56-8-JEE
(Option)



Wired remote controller*
CARR-AMT32E
(Option)



Wired remote controller
CARR-AMT0AE



Wired remote controller**
CARR-AMSOAE
(Option)



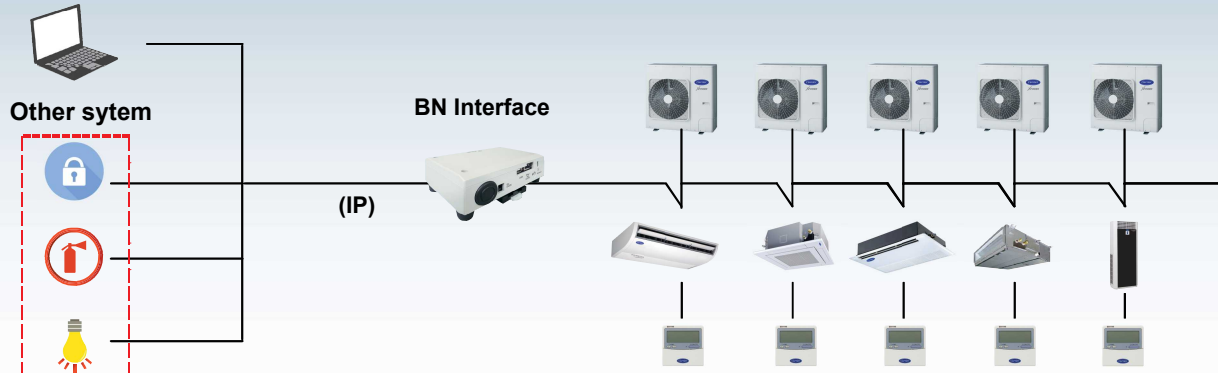
**Available as option.

Building Management System (BMS) Option

Carrier control systems integrate state-of-the-art web technology to deliver productivity, connectivity, and efficiency, as well as providing all the interfaces you need to access and control a single building, a multi-building campus or even a global network.

Solution of split type air conditioner 1 : 1 model

LOCAL SUPPLY



BN Interface

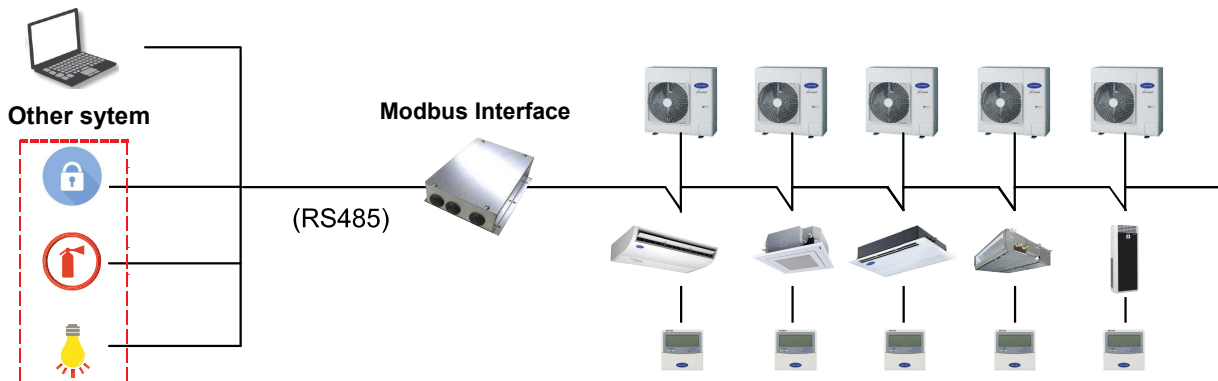
• BACnet®

The BACnet® system operates in conjunction with the BACnet®. Server uses object signals to provide the following functions:

- | | |
|---|--|
| • Control <ul style="list-style-type: none"> - ON/OFF - Temperature setting - Fan speed | • Monitoring <ul style="list-style-type: none"> - ON/OFF - Operation mode - Temperature setting - Room temperature - Local remote controller : permit / prohibit |
|---|--|



LOCAL SUPPLY



Modbus Interface

The Modbus interface manages the air conditioning system as a Modbus device to communicate with the customer's Building Management System. Signals and provides the following functions:

- | | |
|---|--|
| • Control <ul style="list-style-type: none"> - ON/OFF - Temperature setting - Fan speed | • Monitoring <ul style="list-style-type: none"> - ON/OFF - Operation mode - Temperature setting - Room temperature - Local remote controller : permit / prohibit |
|---|--|



บริษัท แครียร์ (ประเทศไทย) จำกัด

1858/63-74 ชั้น 14, 15

ถ.เทพรัตน กม. 4.5 แขวงบางนาใต้

เขตบางนา กรุงเทพฯ 10260

โทร. 0-2090-9999 แฟกซ์: 0-2751-4778

Carrier (Thailand) Ltd.

1858/63-74 , 14th, 15th Floor,

Debaratna Road, Km.4.5, Bangna Tai,

Bangna Bangkok 10260 Thailand

Tel. 0-2090-9999 Fax: 0-2751-4778

บริษัทฯ ขอสงวนสิทธิ์ที่จะเปลี่ยนแปลงรายละเอียดข้างต้น โดยไม่ต้องแจ้งให้ทราบล่วงหน้า
Carrier reserves the right to make changes in specifications without prior notice.



YOUR CARRIER MAN :