Ceiling Cassette Type (900x900)





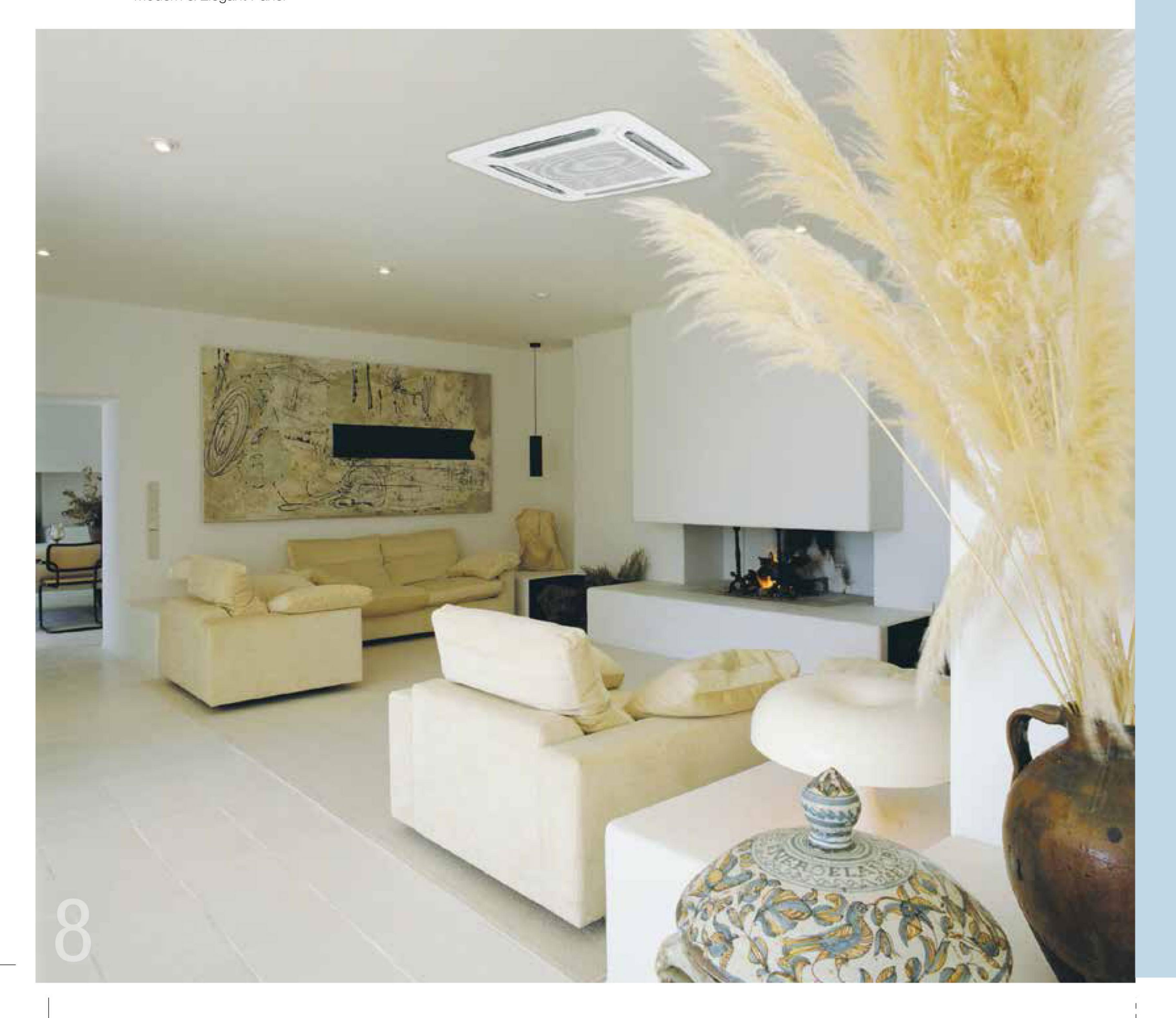


Wireless Remote Controller BRC52A

Wired Remote Controller BRC51A

- Multi Comfort 3 Air Swing Pattern Control
- Fresh Air Intake
- Optimum Air Discharge
- Superior Sound Level
- Branch Duct Connection
- Low Height Design
- Built In High Head Drain Pump & Water Flow Switch
- Modern & Elegant Panel

- Low water Pressure Drop
- Self Diagnosis Features
- NIM-Able
- Valve Or Valveless Control Options
- Sleep Function For Cool & Heat Mode
- Auto Restart With Last-State-Memory
- > Choices Of Wired Or Wireless Remote Controller



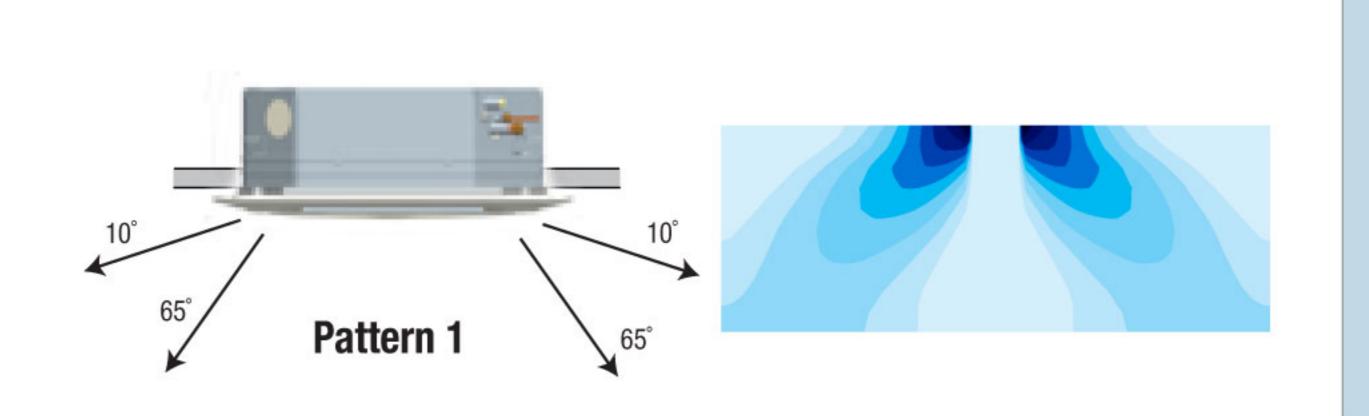
Multi Comfort - 3 Air Swing Pattern Control

To increase the comfort level of the air conditioned area of FWK-E series, the system had been built in with three different type of air flow pattern to suit different requirement.

* The default setting is pattern 1. The air swing pattern can be selected via wireless remonote control.

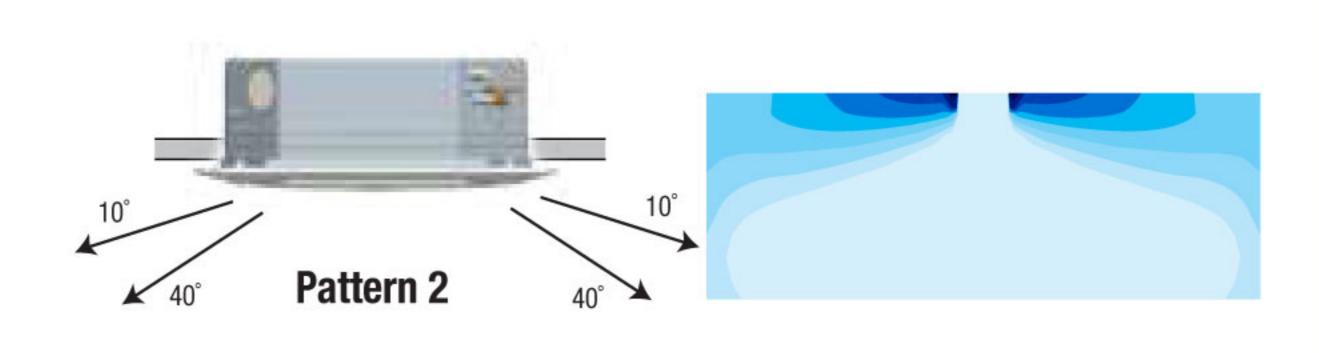
Standard Setting

Louver is set to swing at the maximum angle for gentle drafts.



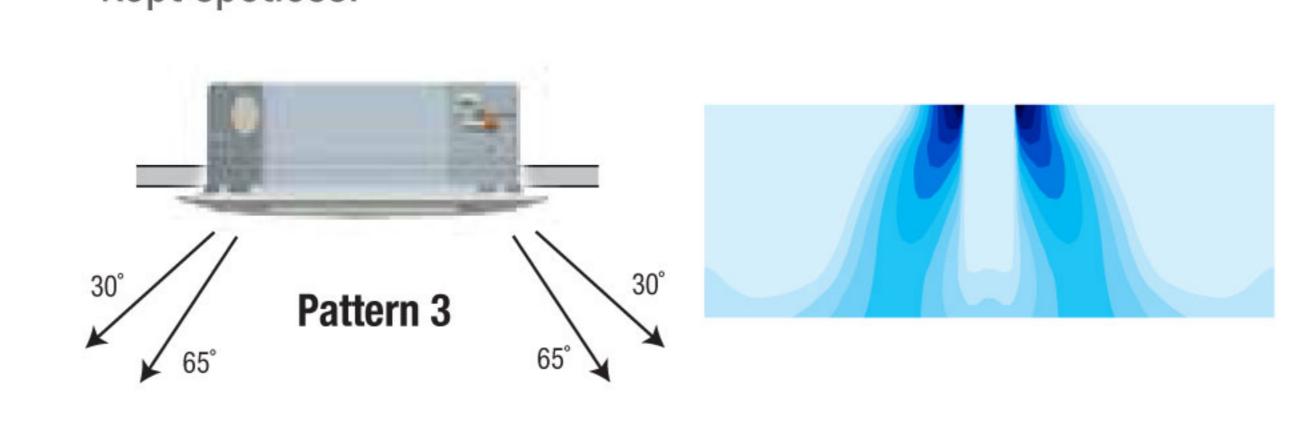
Draft Prevention Setting

With the aid of Coanda effect, direct draft which may lead to discomfort can be avoided.



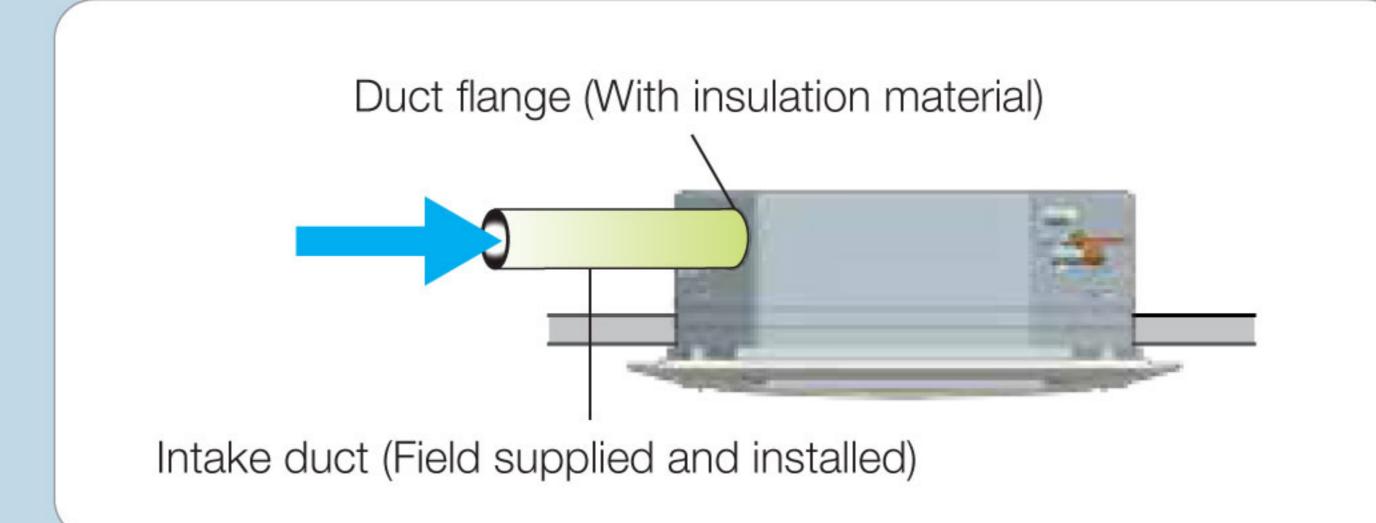
Soil Prevention Setting

Even distribution of cooling whilst ensuring ceiling to be kept spotless.



Fresh Air Intake

- Knock out hole is available at the unit.
- Installation & accessories need to be field supplied & installed.
- Keep the introduction of fresh air intake within 20% of the total air flow. Also provide a chamber and use a booster fan.



Optimum Air Discharge

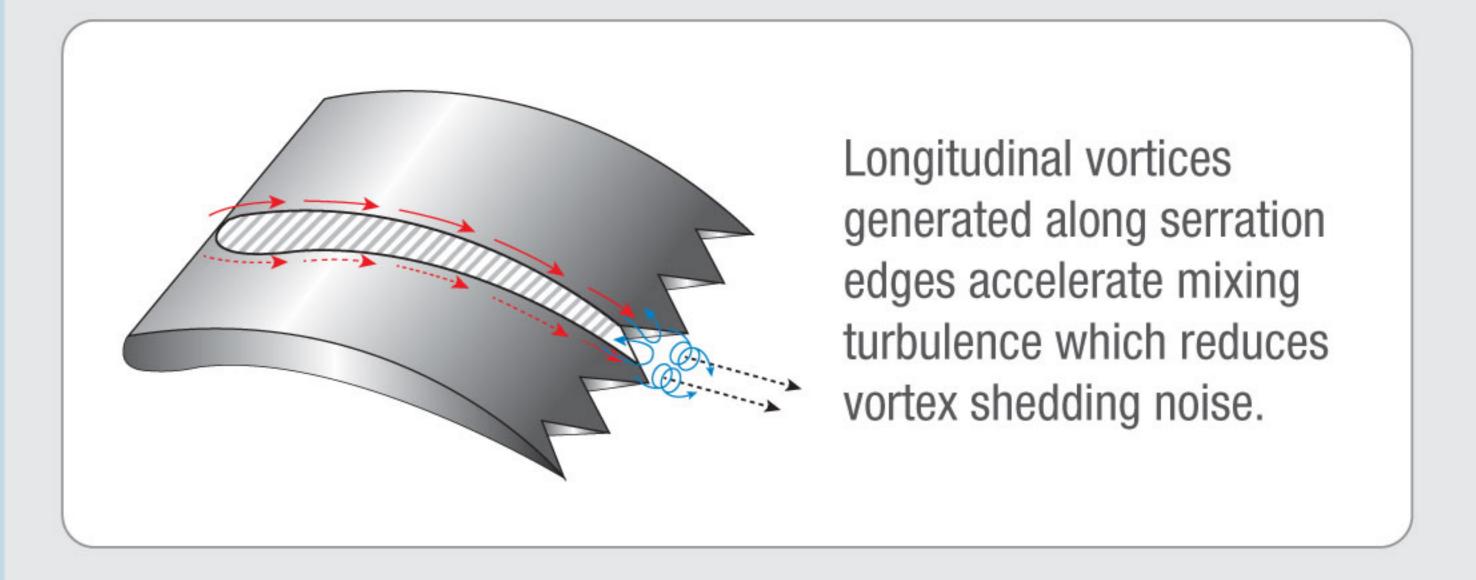
Combining 4 ways air discharge and large discharge area on each side, Ceiling Cassette promote even air distribution. The additional feature of automatic air swing helps to distribute the conditioned air more evenly to every corner of the room.



Superior Sound Level

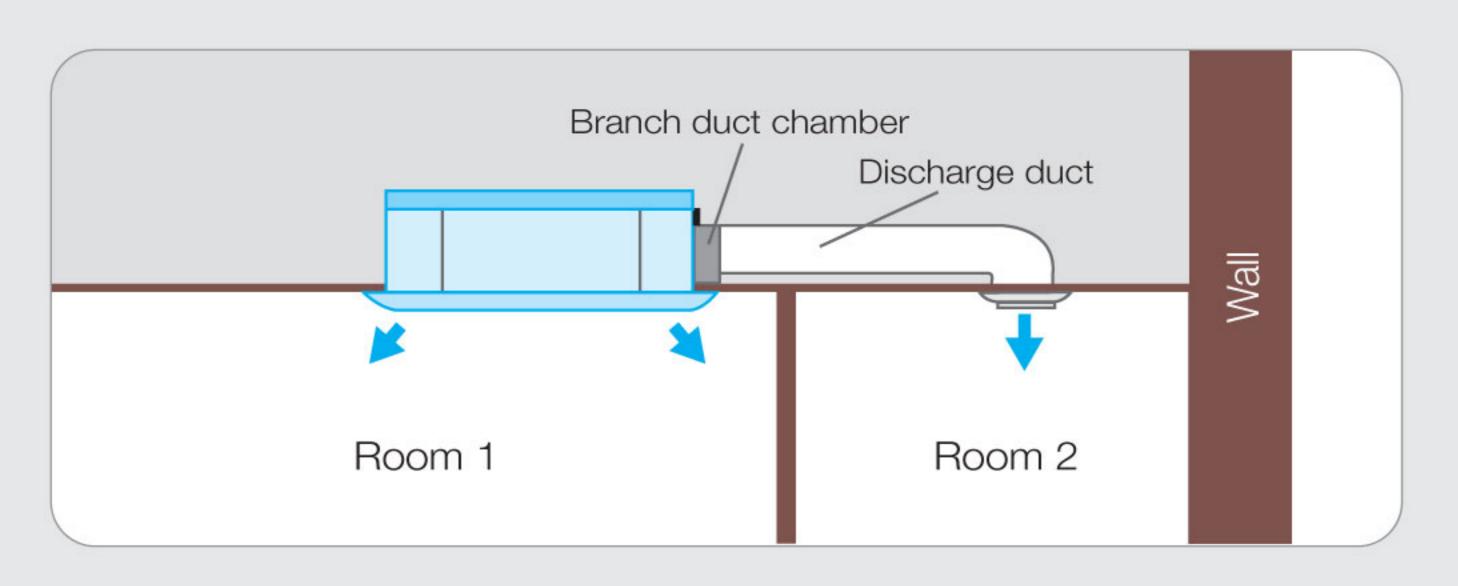
With the adapted technology from Daikin turbo fan, Ceiling Cassette series is able to achieve exceptional low noise.

With up to 4 selected fan speeds, users are given more choices. By selecting the Quiet mode, the sound pressure level can be as low as 23dBA.



Branch Duct Connection

Improves air flow distribution when there is an obstruction. It allows for air conditioning of two rooms simultaneously.



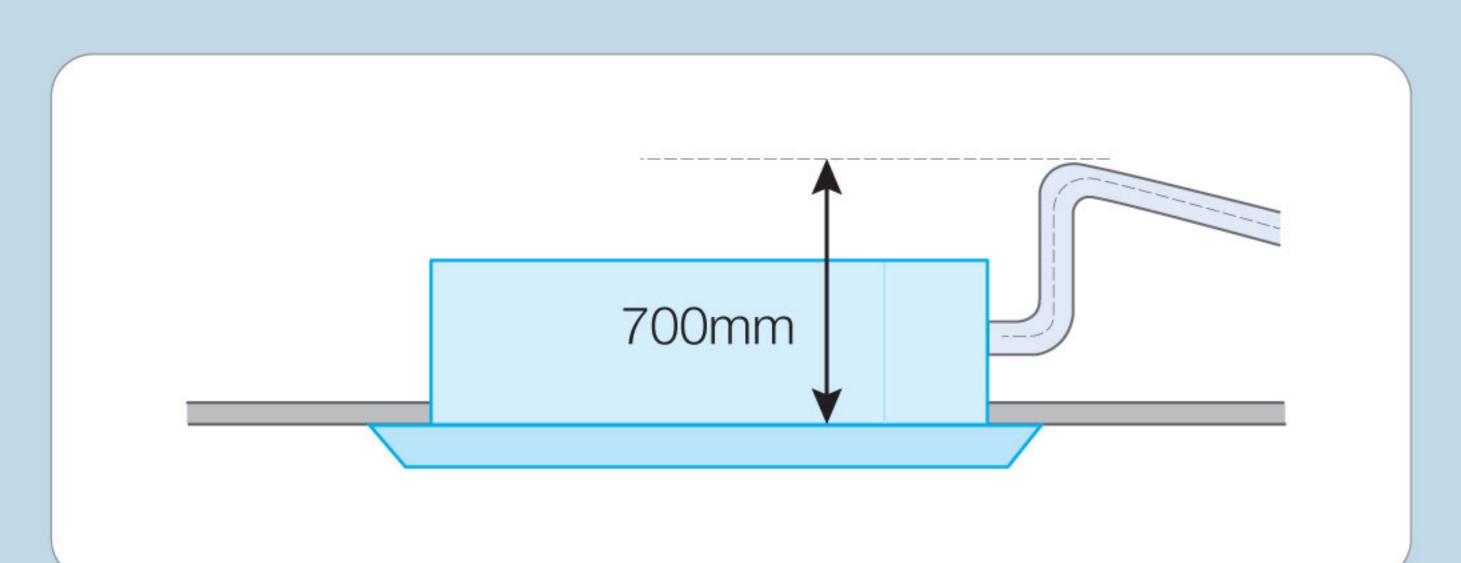
Low Height Design

Unit height as low as 265mm for installation convenience.



Built In High Head Drain Pump & Water Flow Switch

The unit comes with a 700mm built-in high head drain pump. A safety float is incorporated int he drain pump to monitor its water level.



Modern & Elegant Panel

It is designed with unique "round" side contour and new LED light location. The rotateable intake grill promotes uniform installation as well.



Low Water Pressure Drop

Also commonly known as low head loss actually helps to increase the system efficiency.

Self Diagnosis Features

This feature helps to detect any faults or malfuctioning in the system and provide user a warning by blinking of the LED lights.

Valve Or Valveless Control Options

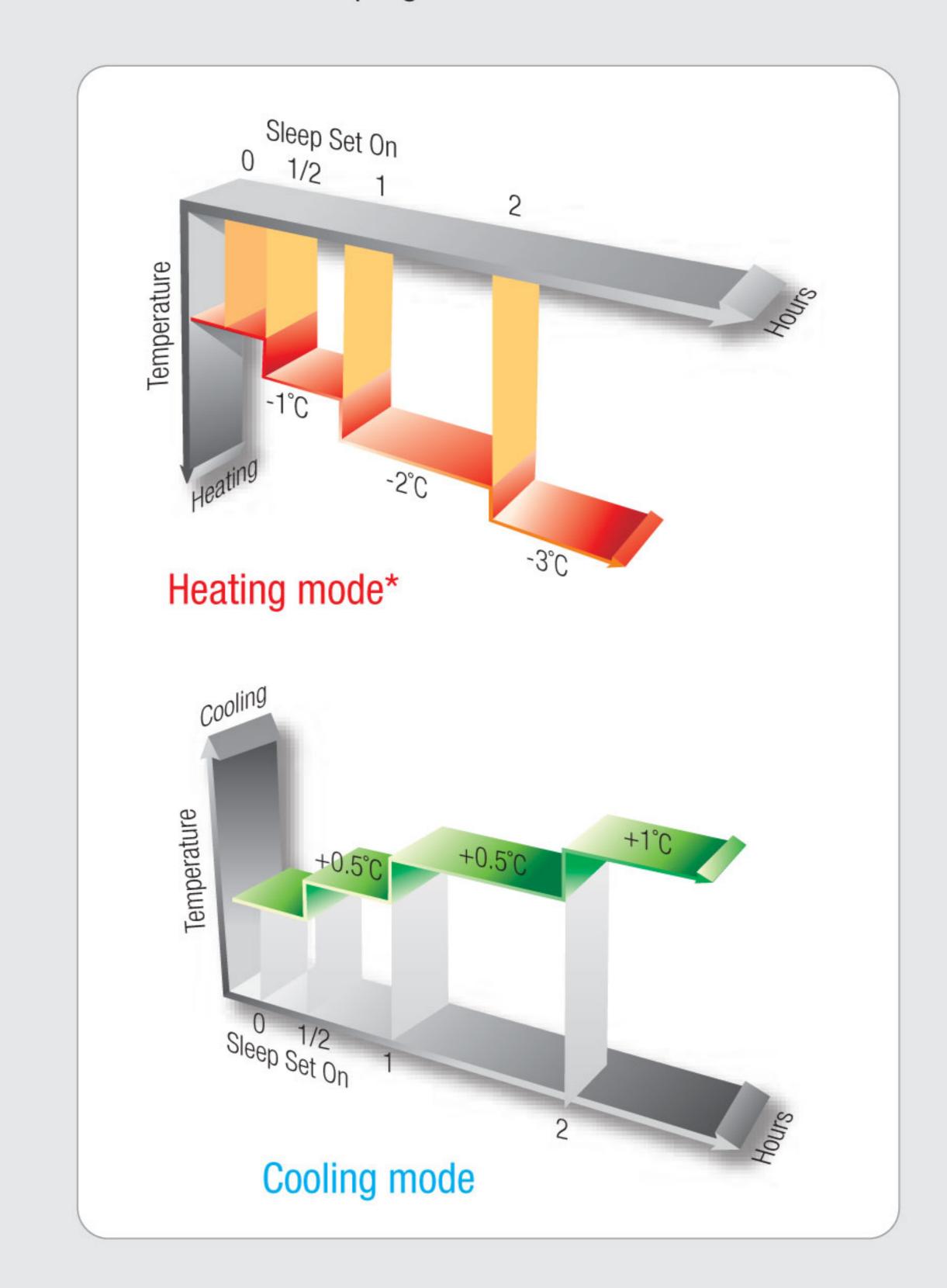
The design is flexible enough to allow for either valve or valveless control installation.

NIM-Able

Able to communicate with the versatile NIM networking control module and offers the oppurtunity of one centralized control for a system of multiple indoor units in a building.

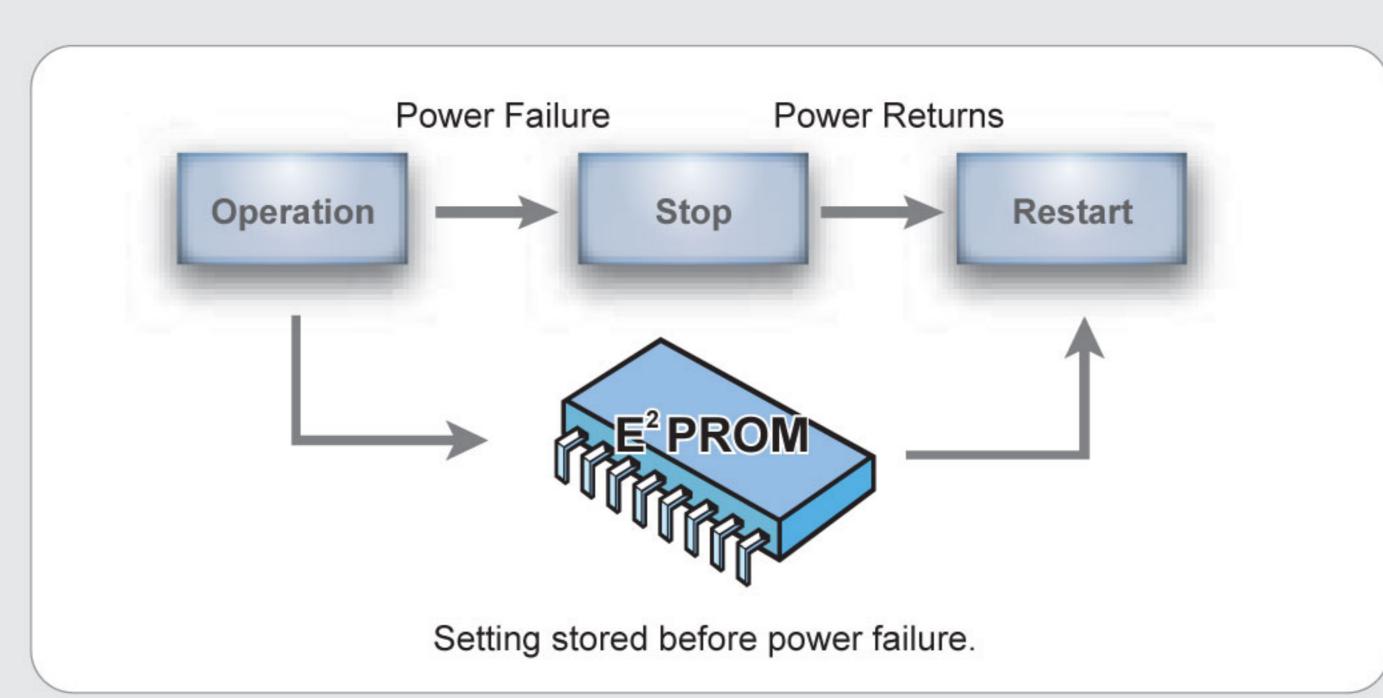
Sleep Function For Cool And Heat Mode

Once activated, set temperature will be increased / decreased gradually according to normal sleeping temperature patterns to ensure a comfortable sleeping environment.



Auto Restart With Last-State-Memory

In case of sudden power failure during operation, unit restarts automatically & unit will operate based on previous setting when power is resumed.



Choices Of Wired Or Wireless Remote Controller

Compact and user friendly wireless BRC52A and wired BRC51A remote controller offer :

- Real Time Clock
- "Glow in the dark" ON/OFF Button
- Low, Medium, High fan speed options
- ON Timer Setting



Specification for Ceiling Cassette Type ~ 50Hz

MODEL					FWK06E	FWK08E	FWK09E	FWK11E	FWK13E	
NOMINAL COOLING CAPACITY				Btu/h	21000	25000	30000	38000	43000	
IOMINAL COOLING CAPACITY IOMINAL SENSIBLE COOLING CAPACITY			W	6150	7330	8790	11140	12600		
			Btu/h	16700	19200	22300	27400	31000		
			W	4890	5630	6540	8030	9090		
NOMINAL HEATING CAPACITY ENTERING WATER TEMP. = 50°C)			Btu/h	28000	33600	38300	45500	52000		
			W	8210	9850	11230	13340	15240		
IOMINAL TOTAL INPUT POWER			W	95	126	167	186	227		
OMINAL RUNNING CURRENT			А	0.44	0.55	0.74	0.85	1.03		
OWER SOURCE				V/Ph/Hz	220-240 / 1 / 50					
FRIGERANT TY	PE						N/A			
CONTROL	AIR DISCHARGE				4 WAY AUTOMATIC LOUVER (UP & DOWN)					
CONTROL	OPERATION				LCD WIRELESS MICRO-COMPUTER REMOTE CONTROL					
AIR FLOW	HIGH			CFM	750 860 890 1000 1140					
	MEDIUM			CFM	620	700	720	840	1000	
	LOW			CFM	480	540	570	680	840	
	QUIET			CFM	320	380	420	540	700	
				USGPM	4.71	5.59	6.69	8.45	9.60	
NOMINAL WATER FLOW RATE			litres/min	17.83	21.17	25.29	31.94	36.29		
HEAD LOSS (COOLING)			kPa	20	37	22	44	53	
HEAD LOSS (HEATING	G): 50°C		kPa	19	33	19	38	47	
MAX. WORKING PRESSURE			kPa			1600				
SURFACE AIR VELOCITY			m/s	0.91	1.04	1.14	1.03	1.17		
SOUND PRESSURE LEVEL (H/M/L/Q)			dBA	42/38/32/23	46/42/35/27	48/43/38/30	50/47/43/33	52/49/45/39		
UNIT DIMENS	SION - ()	WITH PANE	EL HXWXD	mm	265 X 8	820 X 820 (340 X 990	O X 990)	300 X 820 X 820 (375 X 990 X 990	
PACKING DIM	1ENSION	N - () PANEL	HXWXD	mm	341 X 9	16 X 916 (125 X 1020	O X 1020)	376 X 916 X 916 (1	25 X 1020 X 102	
UNIT WEIGHT	(UNIT + PANEL)			kg	26 + 4 28 + 4 32 + 4 32 + 4					
CONDENSATI	E DRAIN SIZE			mm	19.05					
PIPE CONNEC	CTION			mm	19.05					
	TYPE				TURBO FAN					
	DRIVE						DIRECT			
FAN	FAN SPEED		HIGH	RPM	530	600	660	710	800	
FAN			MEDIUM	RPM	450	500	550	610	710	
			LOW	RPM	360	400	450	510	610	
	TYPE			INDUCTION						
	INDEX OF PROTECTION (IP)				IP20					
FAN MOTOR	INSULATION GRADE				B					
	RATED INPUT POWER HIGH MEDIUM LOW		W	95	126	167	186	227		
			MEDIUM	W	79	103	109	151	176	
				W	67	89	86	118	144	
	RATED RUNNING CURRENT		HIGH	А	0.44	0.55	0.74	0.85	1.03	
			MEDIUM	Α	0.40	0.45	0.49	0.71	0.82	
			LOW	Α	0.36	0.39	0.39	0.57	0.69	
	STARTING CURRENT		Α	0.44	0.71	0.89	1.02	1.28		
	MOTOR OUTPUT			W	30	45	65	80	110	
	POLES						8			
COIL	MATERIAL				COPPER					
	TUBE	DIAMETER mm		mm	7.00					
		MATERIAL			ALUMINIUM					
	FIN	FACE AREA m ²		0.39	0.39	0.37	0.46	0.46		
	I II N	ROW		THE	55-0-1 (((((((((((((((((((0.39	***************************************	18333 18330	3	
	\\/\\\			1:4	1.26		1.07	3		
	VVAIEF	WATER VOLUME		litre	1.36 1.34 1.97 2.35 2.35					
AIR QUALITY	FILTER QUANTITY		engureau v	WASHABLE SARANET FILTER						
			pc	1						
CASING				COLOUR			LIGHT GREY			

MODE	COOLING	HEATING		
ENTERING AIR TEMPERATURE	27°C DB / 19°C WB	20°C DB		
ENTERING WATER TEMPERATURE	7°C	50°C (2 Pipes System) 70°C (4 Pipes System)		
LEAVING WATER TEMPERATURE	12°C	45°C (2 Pipes System) 60°C (4 Pipes System)		

ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.

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