

These functions can be used by simply pressing the button after they are set, allowing you to use your preferable functions immediately.

## **Function Switch**

Function switch (F1)

The function switch allows you to select and set two functions that you desire among the six available functions shown.

## 1. High Power Mode

Achieve excessive heating and cooling capacity for 15 minutes to quickly adjust the room temperature to a comfortable level

## 2. Energy Saving Mode

Temperature setting is optimized to save energy without losing comfort

Users can enable/disable the motion of the draught control technology for each air outlet

## **Individual Louver Control**

Users can set the direction of each individual louver for desired air flow direction

## **Motion Sensor Control**

The sensor determines the presence of people and the amount of activity

## 3. Quiet Mode

By activating the quiet mode, the outer door unit operates at a quieter level an can be set in conjunction with the indoor silent timer to reduce noise levels of the indoor unit.

#### 4. Home Leave Mode

Home leave mode maintains the room temperature at a moderate level.

#### 5. Favorite Mode

Operation mode, set temperature, fan speed and air flow direction automatically adjust to the programmed favorite setting.

#### 6. Filter Sign

Announces the due time for cleaning the air filter.

Program your AC using your Smartphone, Apple Watch Tablet or Desktop.

\*Note: available for iPhone and other devices with Android OS installed

## Remote control (Options)

Function switch (F2)

imple remote control is not applicable to the individual flap control system nor Draught Prevention functions.

'When RCH-E3 is used, the fan has 3 speed settings (Hi-Me-Lo) only.

RC-E5

### Wireless



RCN-T-5AW-E2

Wireless remote control (RCN-T-5AW-E2) is not applicable to the individual flap control system.
\*When RCN-T-5AW-E2 is used, the fan has 3 speed settings (Hi-Me-Lo) only.

## SUPERIOR TECHNOLOGY THAT

## **OUTLASTS AND OUTPERFORMS**

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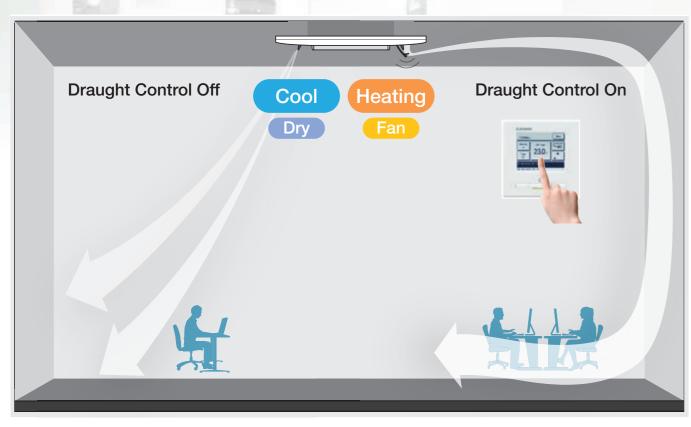
# **Draught Control Technology**



- NEW function on the market
- 4 additional flaps for precise control of the air flow direction
- Available with each operation mode

Draught Control Technology utilises four additional flaps to accurately assist how air flow is directed out of the indoor unit to supress any warm or cool draughts and provide a comfortable air flow.

With this new technology, each individual air outlet can be set at a specific angle, through the remote control\*, to prevent hot or cold air from being blown directly on to the user.



\* RC-EX3, RCN-T-5AW-E2 only



# **Reduction of Sound** Levels

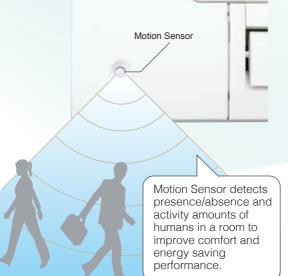
The new design of the component improves the aerodynamic performance and achieves a lower noise level. Indoor unit noise levels have been reduced by as much as 5dB.

# **Motion Sensor**

(Optional)

The new motion sensor detects human activity and shifts the temperature setting according to the amount of human activity in the room. This enables the energy saving control when low activity is detected in the room. The unit will go off automatically when no activity is detected for 12 hours.





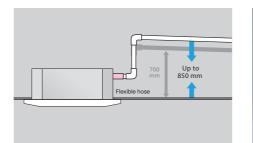
## 3 Step Control

New Motion Sensor (optional) detects human activity. Energy Saving control is achieved by shifting the set temperature according to the detected amount of activity

The unit will go on standby mode when no activity is detected. When the unit detects human activity again, it will restart operation

The unit will switch off automatically when no activity is detected for 12 hours

# **Easy Installation and Servicing**



## Longer Drain Pump:

The Drain can now be lifted up to 850mm (previously: 700mm) from the ceiling surface. This allows for a piping layout with a high degree of freedom.



Easy Check of Drain Pan:

Remove the corner lid only for an easy check of the drain pan condition



## New Port to check drain water flow:

A water supply port has been provided in the piping lid for easier testing of the drain water flow. The port is usually sealed with a rubber cap.

## **FDT-VG**















				-	SRC60ZMXA-S	FDCA71VNXA FDC100V		OVN/FDC100VNP	FDCA125/140VNX/FDC125VSX FDCA140VSX		
pacity			5.6kW	7.1kW	10.0kW	10.0kW	12.5kW	14.0kW	12.5kW	14.0kW	
t			FDT60ZMXAVG	FDT71AVNXAVG	FDT100AVNVG	FDT100VNPVG	FDT125AVNXVG	FDT140AVNXVG	FDT125VSXVG	FDT140AVSXVG	
loor			FDT60VG	FDT71VG	FDT100VG	FDT100VG	FDT125VG	FDT140VG	FDT125VG	FDT140VG	
itdoor			SRC60ZMXA-S	FDCA71VNXA	FDCA100VN	FDC100VNP	FDCA125VNX	FDCA140VNX	FDC125VSX	FDCA140VSX	
wer supply	Indoor Unit		1 Phase 230V 50Hz					3 Phase 415V 50Hz			
pacity	Cooling T1	kW	5.6 (1.1-6.3)	7.1 (3.2-8.0)	10.0 (4.0-11.2)	10.0 (2.8-11.2)	12.5 (5.0-14.0)	14.0 (5.0-16.0)	12.5 (5.0-14.0)	14.0 (5.0-16.0)	
	Heating H1		6.7 (0.6-7.1)	8.0 (3.6-9.0)	11.2 (4.0-12.5)	11.2 (2.5-12.5)	14.0 (4.0-17.0)	16.0 (4.0-18.0)	14.0 (4.0 -18.0)	16.0 (4.0-20.0)	
	Heating H2		5.38	6.6	8.8	8.708	12.8	13.4	15.0	14.5	
out	Cooling T1	- kW	1.52	1.94	2.76	2.76	3.42	4.26	3.42	4.26	
	Heating H1		1.56	1.91	2.74	2.84	3.43	4.20	3.43	4.20	
R	Cooling T1		3.68	3.66	3.65	3.62	3.65	3.29	3.65	3.29	
)P	Heating H1		4.29	4.19	4.08	4.52	4.08	3.81	4.08	3.81	
und pressure level S C9612)	Indoor	dB (A)	P-Hi:44 Hi:34 Me:32 Lo:28	P-Hi:46 Hi:35 Me:34 Lo:29	P-Hi:49 Hi:41 Me:39 Lo:32	P-Hi:51 Hi:40 Me:37 Lo:35	P-Hi:49 Hi:41 Me:39 Lo:32	P-Hi:49 Hi:42 Me:39 Lo:33	P-Hi : 49 Hi : 41 Me : 39 Lo : 32	P-Hi:49 Hi:42 Me:39 Lo:33	
	Outdoor		52	51	48	57	48	49	48	49	
und power level (JIS 9612)	Outdoor	dB(A)	65	66	70	70	70	72	70	72	
flow	Indoor	I/s	P-Hi: 433 Hi: 283 Me: 233 Lo: 183	P-Hi: 467 Hi: 300 Me: 250 Lo: 200	P-Hi: 616 Hi: 450 Me: 400 Lo: 333	P-Hi:616 Hi:450 Me:400 Lo:333	P-Hi: 633 Hi: 467 Me: 417 Lo: 300	P-Hi: 633 Hi: 483 Me: 433 Lo: 317	P-Hi: 633 Hi: 467 Me: 417 Lo: 300	P-Hi: 633 Hi: 483 Me: 433 Lo: 317	
nel		mm				T-PSAE-5AW-E	AW-E (35x950x950)				
ternal nensions (HXWXD)	Indoor	mm	236x8-	236x840x840 298x840x840							
	Outdoor		640x800 (+71)x290	750x880 (+88)x340	845x970x370 1300x970x370						
t weight	Indoor	· kg	Unit 21	Unit 21 Panel 5 Unit 25 Panel 5							
	Outdoor		45	60	81	70		10	05		
frigerant piping	Liquid line	mm	Ø6.35		09.52						
	Gas line		Ø12.7	015.88							
	Connection method		Flare connection								
frigerant R410A	Quantity	kg	1.5	2.95	3.8	2.55		4	.5		
	Pre charged to pipe length	m	15	3	0	15	30				
aximum pipe length		m	30	5	0	30	100				
ntroller				RC-E5, RC-EX3 or RCN-T-5AW-E2							