

SonneAire™



# Hybrid Air Conditioning

World's Most Eco-Friendly & Energy Saving Air-Conditioning System



Reduce your carbon footprint with SonneAire and create a better future

# How Does It Work?

SonneAire Coolbox is a revolutionary technology that recovers heat from the compressor to reduce compressor load.

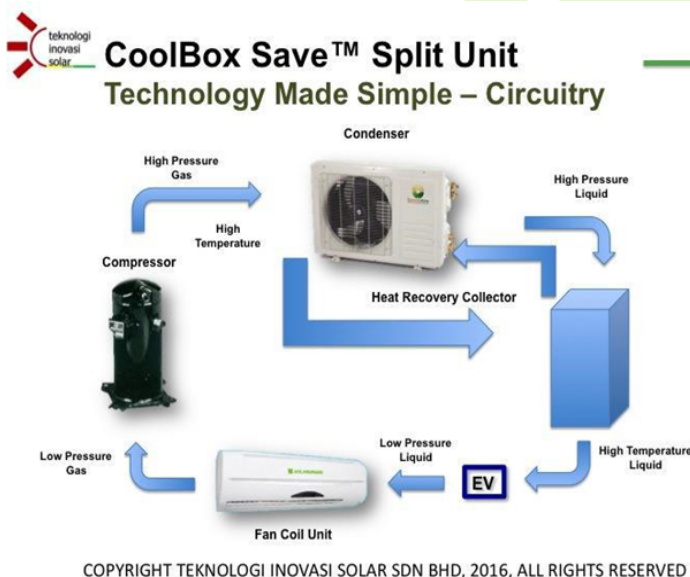
Its innovative mechanism ensures **immediate and consistent** savings that is far more efficient than any inverter airconds in the market, yet comparable in pricing.

Our company, Teknologi Inovasi Solar is the Intellectual Property (IP) holder of this new technology and we are a wholly-owned subsidiary of Alam Dingin Air Conditioning Engineering group.

## Technology

A revolutionary cleantech hybrid heat recovery system that reduces energy consumption by 25% ~ 30% consistently compared to normal air conditioning.

We use environmental friendly refrigerant **R-32 (HFC)** that helps to reduce ozone depletion and global warming.



The effect from the heat recovery creates a 2 stage compression mode for the split unit aircond in which the heat assists the compressor operates at a lower electricity starting current point.

And due to the constant and consistent heat reuse, this gives the effect of consistent lower energy consumption by the compressor, for the same cooling capacity. Thus, here we receive the energy saving results.

# Hybrid Air Conditioning Ceiling Cassette



MODEL	SRCCB20-18 (2 HP)	SRCCB25-24 (2.5 HP)	SRWCB30-30(3 HP)	SRWCB40-36 (4 HP)
COOLING CAPACITY	18,500	25,000	31,000	36,000
POWER CONSUMPTION, W	1386	2160	2772	3150
RUNNING CURRENT, A	6.3	9.45	12.6	5.9
INDOOR				
NOISE LEVEL,dBA (Hi/Mi/Low)	43/39/38	45.5/42.5/39	53/50/47	51/48/45
AIR FLOW RATE, CFM	565	670	1023	1029
DIMENSION (WxDxH)(body)	840x840x205	840x840x205	840x840x245	840x840x245
DIMENSION (WxDxH)(panel)	950x950x55	950x950x55	950x950x55	950x950x55
UNIT WEIGHT INDOOR (NET/GROSS), kg	22.2/27.1	22.2/27.1	25.2/30.2	25.2/30.2
UNIT WEIGHT PANEL (NET/GROSS), kg	6/9	6/9	6/9	6/9
OUTDOOR				
NOISE LEVEL, dBA	58	59.5	60	64.5
Dimension(WxDxH)	805x330x554	720 x 255 x 520	790 x 290 x 530	833 x 322 x 655
UNIT WEIGHT (NET/GROSS), kg	40.9/43.5	53.8/57	65.2/70.0	68.1/73
PIPE CONNECTION SIZE	LIQUID, mm	6.35	9.52	9.52
	GAS, mm	12.7	15.9	15.9
POWER SUPPLY	V/PH/HZ	220-240/1/50	220-240/1/50	220-240/1/50

# Hybrid Air Conditioning Wall Mounted

MODEL	SRWCB10-09(1 HP)	SRWCB15-13 (1.5 HP)	SRWCB20-18 (2 HP)	SRWCB25-24(2.5 HP)
COOLING CAPACITY, BTU	9,500	13,000	18,000	24,000
POWER CONSUMPTION, W	682	902	1430	2000
RUNNING CURRENT, A	3.1	4.1	6.5	9.09
MAX INPUT POWER, W	1450	1950	2400	3300
MAX INPUT CURRENT, A	7.5	9.9	12	16.5
INDOOR				
AIR FLOW RATE, CFM	323	353	530	735
NOISE LEVEL, dBA	40	42	45	48
UNIT DIMENSION, (L X W X H), mm	800 x 290 x 190	800 x 290 x 190	900 x 320 x 230	1080 x 320 x 230
PACKAGING DIMENSION (L X W X H), mm	875 x 375 x 285	875 x 375 x 285	1035 x 295 x 315	1165 x 395 x 315
UNIT WEIGHT (NET/GROSS), kg	9/12	10/13	11.5/15	14/19
OUTDOOR				
AIR FLOW RATE, CFM	323	353	530	735
NOISE LEVEL, dBA	50	51	55	55
UNIT DIMENSION, (L X W X H), mm	680 x 250 x 420	720 x 255 x 520	790 x 290 x 530	833 x 322 x 655
PACKAGING DIMENSION (L X W X H), mm	764 x 342 x 490	840 x 345 x 605	900 x 400 x 620	933 x 422 x 715
UNIT WEIGHT (NET/GROSS), kg	24/27	28/31	41/47	48/57
PIPE CONNECTION SIZE	LIQUID, mm	6.35	6.35	6.35
	GAS, mm	9.52	9.52	12.70
POWER SUPPLY	V/PH/HZ	220-240/1/50	220-240/1/50	220-240/1/50



Presently our clients are McDonalds Restaurants, Secret Recipe, QSR Brands and TNB ES stores. They all have Sonneaire Hybrid Air Conditioning systems in their outlets.

These restaurants projected a savings of 10% - 30% for each store on energy cost and a further 100% rebate from Green Investment Tax Allowance (GITA).

# Sales & Services



## **Headquarters**

2-39, Jalan Pandan Prima 1,  
Dataran Pandan Prima,  
55100, Kuala Lumpur.  
Tel.: +603-9200 1531

## **Sales & Services (East Coast)**

PT8732, Kawasan Perindustrian  
MIEL, Telok Kalong, 24007,  
Kemaman, Terengganu.  
Tel.: +6017-907 8882

## **Sales & Services (Southern)**

No.6, (PTD 222307),  
Jalan IHP 1/2,  
Iskandar Halal Park,  
81750, Masai, Johor.  
Tel.: +607-255 1376

## **Sales & Services (Borneo)**

No. 32, Block 20, Kemena Land  
District, Northern Gateway  
Industrial Park, 97000, Bintulu,  
Sarawak.  
Tel.: +6086-252 827

SonneAire™



# Hybrid Air Conditioning

نظام تكييف الهواء الأكثر  
صداقة للبيئة وتوفير  
الطاقة في العالم



قلل بصمتك الكربونية  
مع SonneAire وخلق  
مستقبل أفضل