

**kolin**  
air conditioner

with  
SMART CONTROLLER

# *Primus Series*



*A FULL DC Inverter  
you can control  
even when you are away..*



## Why do you need Smart Controller?

Our Primus Series Full DC Inverter is now equipped with a SMART CONTROLLER. With the Kolin Smart Controller, coming to an oven hot home is a thing of the past. Now you can turn on and set the temperature of your air conditioner even when you're away!



## Why go for FULL DC Inverter?

Primus Series has three Full DC Inverter components, making it more efficient compare to an ordinary inverter which uses just one. These components have the ability to control their speed individually, and to match the room's cooling requirement; allowing it to not just be more efficient, but on the whole more silent. This also eliminates uncontrolled temperature swings, that can compromise cooling efficiency.

Apart from the efficiency improvement and silence, Primus Series takes it further with the use of a Multi-Stage Air Filtration System, a High Density Filter and Activated Carbon Filter that works together, to rid the air of impurities such as dust, bacteria, allergens, as well as unpleasant odors.

The Vitamin C infused filter in turn moisturizes and softens the skin, providing therapeutic benefits for a relaxing yet refreshing feel.

Primus Series is more than just better efficiency, it's about the best air conditioning experience you deserve.

### Primus Series Three Full DC Inverter

#### DC Inverter Indoor Fan



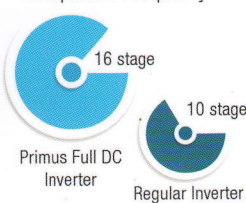
12 Grade Indoor Fan Speed



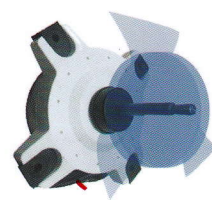
#### DC Inverter Compressor



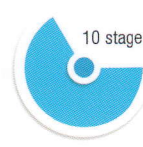
Compressor Frequency



#### DC Inverter Outdoor Fan



Multi Outdoor Fan Speed



# PRODUCT FEATURES



Environment  
Friendly  
Refrigerant



4-Way  
Swing



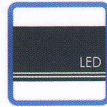
Multi-Stage  
Filtration



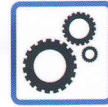
Self Diagnostic  
Error



Refrigerant  
Leakage  
Detection



Hidden  
LED  
Display



Setting  
Memory



Timer



User-friendly  
Remote



Prominent  
Filtering  
System



Fail Safe  
Function



Louver  
Position  
Memory



Turbo  
Cooling



Sleep  
Mode



Auto Restart



Precise  
Temperature  
Control



3-Minute  
Delay  
Restart

## Exquisite Curved Design

It has an innovative curved panel and translucent LED Display design for a modern and exquisite look.

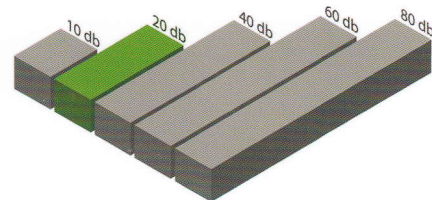


\*LED Panel - ON

## Ultra Quiet Operation

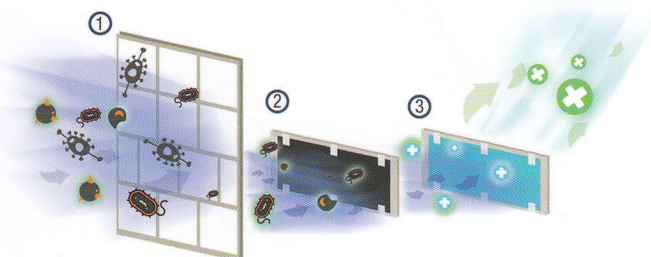
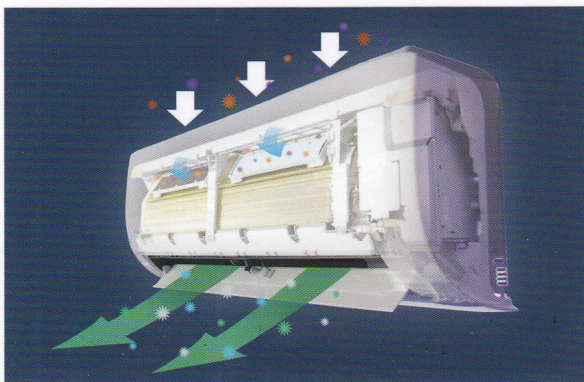
As low as 20db for a quiet and comfortable sleep.

- Hearing limit
- Can hardly hear
- As quiet as libraries
- The sound of a car
- The sound of a train

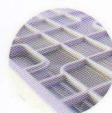


## Multi-Stage Air Filtration System

Kolin Primus Series Smart Controller has three layers of filter to ensure safer and healthier breathable air.

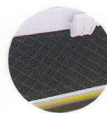


### 1. High Density Filter



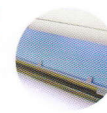
Finer yet durable net which can remove 50% more dust, pollen and other harmful particles.

### 2. Active Carbon Filter



A highly absorbent material that traps odor, smoke, VOC (Volatile Organic Compound) and formaldehyde.

### 3. Vitamin C Filter



Infuses Vitamin C to the air to help moisturize the skin during operation.

## Easy Maintenance

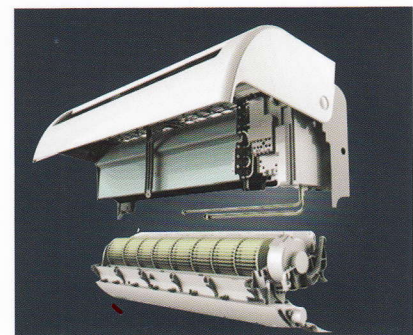
Direct pull-out of filter for easy removal without the need to open the face cover.



Easy detachable louver.



With Slide Out Chassis which allows optimum cleaning of evaporator.



MODEL	KSM-IW10WAE-7J1M	KSM-IW15WAE-7J1M	KSM-IW20WAE-7J1M	KSM-IW26WAE-7J1M	KSM-IW30WAE-7J1M
Power Supply	1PH / 230V / 60Hz	1PH / 230V / 60Hz	1PH / 230V / 60Hz	1PH / 230V / 60Hz	1PH / 230V / 60Hz
Nominal Capacity	1.0 hp	1.5 hp	2.0 hp	2.6 hp	3.0 hp
Cooling Capacity	9,360 kJ/h (4,305 - 10,205)	12,900 kJ/h (5,600 - 14,160)	18,950 kJ/h (8,380 - 21,200)	25,200 kJ/h (9,550 - 27,900)	28,080 kJ/h (11,500 - 29,760)
Rated Current	3.2 A	4.0 A	5.9 A	8.0 A	10.1 A
Rated Power	600 W (255 - 665)	870 W (340 - 1130)	1350 W (510 - 1685)	1850 W (596 - 2100)	2110 W (720 - 2230)
EER	15.6 kJ/hW (16.9 - 15.3)	14.8 kJ/hW (16.4 - 12.5)	14.0 kJ/hW (16.4 - 12.6)	13.6 kJ/hW (16.0 - 13.3)	13.3 kJ/hW (16.0 - 13.3)
Area (Unloaded Space)	19 m <sup>2</sup>	20 - 26 m <sup>2</sup>	27 - 36 m <sup>2</sup>	37 - 45 m <sup>2</sup>	48 - 50 m <sup>2</sup>
Package Dimension (WxDxH)	885 x 375 x 285 mm	1045 x 405 x 305 mm	1045 x 405 x 305 mm	1195 x 420 x 315 mm	1195 x 420 x 315 mm
Gross Weight	11 kg	14.2 kg	14.1 kg	18.2 kg	18.2 kg
Unit Dimension (WxDxH)	805 x 193 x 302 mm	964 x 222 x 325 mm	964 x 222 x 325 mm	1106 x 232 x 342 mm	1106 x 232 x 342 mm
Net Weight	8.2 kg	10.7 kg	10.8 kg	14.2 kg	14.2 kg
Fan Motor (DC)	20 watts	30 watts	30 watts	60 watts	60 watts
Indoor Airflow (Turbo/Hi/Mi/Lo/Silence)	600 / 580 / 480 / 380 / 280 m <sup>3</sup> /h	700 / 650 / 570 / 420 / 350 m <sup>3</sup> /h	1200 / 1100 / 950 / 760 / 570 m <sup>3</sup> /h	1450 / 1390 / 1280 / 870 / 520 m <sup>3</sup> /h	1007 / 888 / 726 m <sup>3</sup> /h
Indoor Sound Pressure (Hi/Mi/Lo)	41/40/35/30/26 dB(A)	43/41/36/29/26 dB(A)	45/42/40/35/27 dB(A)	47/45/42/34/30 dB(A)	50/42.5/38.5 dB(A)
Package Dimension (WxDxH)	920 x 390 x 615 mm	920 x 390 x 615 mm	965 x 395 x 765 mm	1090 x 500 x 875 mm	1090 x 500 x 875 mm
Gross Weight	36.1 kg	35 kg	45.3 kg	65 kg	68.5 kg
Unit Dimension (WxDxH)	800 x 333 x 554 mm	800 x 333 x 554 mm	845 x 363 x 702 mm	946 x 420 x 810 mm	946 x 420 x 810 mm
Unit Weight	33.2 kg	32.1 kg	42.1 kg	59.2 kg	62.7 kg
Fan Motor (DC)	34 watts	34 watts	50 watts	120 watts	120 watts
Refrigerant Type	R-410A	R-410A	R-410A	R-410A	R-410A
Refrigerant Charge	1100 g	1100 g	1500 g	2000 g	2150 g
Outdoor Airflow	1900 m <sup>3</sup> /h	2000 m <sup>3</sup> /h	2300 m <sup>3</sup> /h	4000 m <sup>3</sup> /h	3631 m <sup>3</sup> /h
Outdoor Sound Pressure Level	54 db(A)	55 db(A)	59 db(A)	60 db(A)	60 db(A)
<b>Copper Tube Size</b>					
Low/High Side	Ø 3/8 / Ø 1/4	Ø 1/2 / Ø 1/4	Ø 1/2 / Ø 1/4	Ø 5/8 / Ø 3/8	Ø 5/8 / Ø 3/8
<b>Maximum Pipe Distance Between Indoor and Outdoor</b>					
Height	5 m	5 m	8 m	8 m	8 m
Length	10 m	10 m	15 m	15 m	15 m
Circuit Breaker	20 A	20 A	30 A	30 A	30 A

\*Product features and specifications are subject to change without prior notice.

\*\*For maximum energy savings and for health reasons, ideal temperature setting is between 23°C - 25°C

## BRANCHES & SERVICE CENTERS

**HEAD OFFICE**  
Kolin Bldg.  
1854 Sta. Rita St., Guadalupe  
Nuevo, Makati City, 1212  
(632) 8852 - 6868

**PAMPANGA**  
LRK Commercial Bldg.,  
Jose Abad Ave., Lagundi  
Mexico, Pampanga  
(045) 455 - 2934

**DAGUPAN**  
#107 Caranglaan District,  
Dagupan City  
(075) 523 - 2832

**BACOLOD**  
Door #A-2 & A-3 UTC Bldg.,  
Alunan St., Brgy. Singcang,  
Bacolod City  
(034) 433 - 0031

**ILOILO**  
Door #4, D' Appliance  
Arcader, South Fundidor,  
Molo, Iloilo City  
(033) 336 - 1970

**CEBU**  
Unit #6A, Geson Bldg.,  
D. Jakosalem cor  
F. Ramos Sts., Cebu City  
(032) 253 - 9997 / (032) 253 - 7944

**DAVAO**  
Door #5 Belle Fran Arcade,  
E. Palma Gil St.,  
Bo. Obrero, Davao City  
(082) 227 - 7063

**CAGAYAN DE ORO**  
Door #3 De Oro Land Bldg.,  
Julio Pacana St., Puntod,  
Cagayan de Oro City  
(088) 856 - 4672

**kolin** | works  
air conditioner for  
years

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