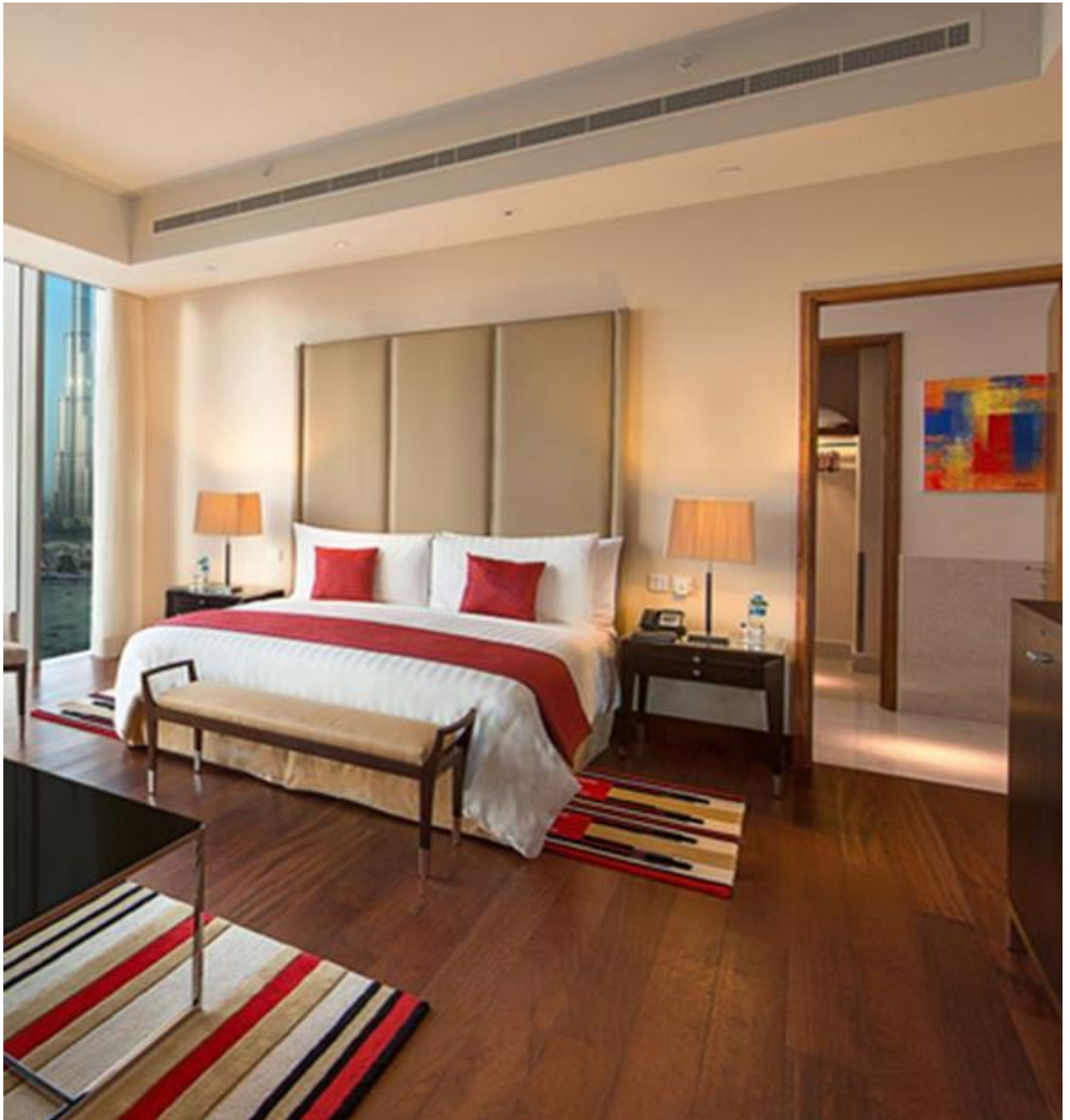




**BLUE STAR**



**INVERTER**  
*Concealed Units*





Blue Star, the market leader in the ducted air conditioning space introduces one more innovative product with inverter based compressor.

Inverter Concealed Splits, the new small capacity mini inverter ducted units are very suitable for wide range of applications like residences, villas, resorts, hotel rooms, hospital rooms, hostels, cabins spaces in offices, small showrooms etc. It is designed with higher efficiency to take care of the cooling demands of many applications. It is very flexible in adjusting capacities with the sophisticated components and control system.

#### **Latest Inverter Compressor features**

- Highly Efficient Compressor Motor
- Low noise and vibration design
- Reliable at higher ambient temperature operation
- Low starting current
- Stepless capacity control

Excellent cooling performance with very less power consumption.

#### **Enhanced comfort**

Flexible cooling possible with special electronic expansion valve of 500 steps. It results in very comfort inside conditions and quick auto adjustment in capacities depending on the load variation.



**Wide Operating Voltage Range** – Uninterrupted operation at 190 V - 260 V

#### **Longer Refrigerant Piping and Better Exterior Aesthetics**

The remote outdoor units can be located as long as 60 m away from the indoor unit/conditioned space. It results in better exterior aesthetics. Moreover, the special design also allows out door unit to be located at a height difference of 20 m – 30 m from indoor units. These units are very suitable for multi floor buildings also.



### Advanced Microprocessor based controller



- Elegant design LCD Display with backlit
- Mode Selection
- Fan Speed Selection
- Off Timer
- Auto Restart
- Scheduling

### Multi Speed Motor

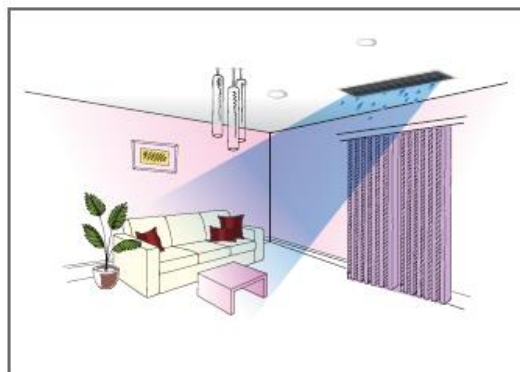
To suit the requirement, this unit gives flexibility to operate at 3 different speed and hence different air quantities possible.

### Flexible Installation

This unit comes with a concealable indoor body construction. Air distribution can be through a small collar piece with air throw possible both horizontally and vertically to suit the interior design layout and seating arrangement.



Side Throw Design



Bottom Throw Design





<b>Technical Data</b>				
DESCRIPTION	UNITS	DSAI-181R3A	DSAI-241R3A	DSAI-361R3A
Nominal Cooling Capacity	TR	1.5	2	3
	Watts	5276	7034	10551
Nominal Evaporator Airflow - H/M/L	CFM	500/435/360	650/570/485	1250/1200/1145
Electrical Power supply	V/Ph/Hz	230 V, 1 ph, 50Hz, AC Supply		
Refrigerant		R410A - Precharged		
<b>INDOOR UNITS</b>				
Overall Dimensions WXDXH	mm	980X600X310	980X600X310	1250X700X400
Power supply	V/Ph/Hz	230V, 1 ph, 50Hz, AC Supply		
Air filter		Non-Woven Polyester media enclosed in HDPE Mesh		
Drain connections - dia	mm (inch.)	19.3 (3/4")		
Controller		Microprocessor based with LCD Display and backlit		
<b>OUTDOOR UNITS</b>				
Quantity	No.	1	1	1
Overall Dimensions WXHXD	mm	850 X 530 X 310	850 X 530 X 310	850 X 790 X 310
Net Weight	kg.	36	42	50
Compressor				
Quantity	No.	1	1	1
Type		HERMETICALLY SEALED INVERTER ROTARY		
Power Supply	V/PH/HZ	230 V, 1 ph, 50Hz, AC Supply		
<b>Specifications are subject to change without any notice.</b>				

