

# 5 STAR INVERTER AC



BLUE STAR



DATU



AVAILABLE IN 1 Tr. 1.5 Tr. 2.0 Tr.

100%  
COPPER

10 YEAR  
WARRANTY  
on Inverter Compressor

## Technology/Cooling



0.5°C  
Precision Cooling  
Technology (0.5°C)



Dual Rotor  
Inverter Technology\*



Brushless DC Motor

## User Comfort



High Cooling  
Performance (HCP)



Climate Control



Powerful Mode

## User Convenience



Dual User Setting  
Preference



Smart Detect  
Technology



Hidden Display

\*Only in 1.5 & 2 Tr. Long Life MCHX available in 1.5 & 2.0 Tr.

## Technical Specifications

SKU Code/Model Number		IC512DATU	IC518DATU	IC518DATX	IC524DATU	IC524DATX
Performance Parameters	Nominal Capacity (Tr) as per BEE	1 Tr	1.5 Tr	1.5 Tr	2.0 Tr	2.0 Tr
	Star Rating - As Per BEE	5 Star	5 Star	5 Star	5 Star	5 Star
	(Rated) Voltage / Frequency / Phase	230 V / 50Hz / Single	230 V / 50Hz / Single	230 V / 50Hz / Single	230 V / 50Hz / Single	230 V / 50Hz / Single
	Cooling Capacity (Min~Max) (Watt)	3620 (817.4~4395.4)	5180 (978~6469)	5350 (2396~6013)	6330 (1543~6998)	6550 (2776~6899)
	Cooling Capacity (BTU/Hr)	12351	17674	18256	21599	22349
	Rated Cooling Capacity ( 50% Load) (Watt)	1810	2590	2675	3165	3275
	Cooling Rated Power Input (Min~Max)(Watt)	948 (210~1281.9)	1380 (271~2146)	1463 (544~1642)	1740 (389.3~1988.7)	1810 (571~1902)
	Cooling Capacity (BTU/Hr) Min-Max	2788 ~ 14996	3337 ~ 22073	8175~20518	5265~23878	9473~23542
	Cooling Power Input (50% Load) (Watt)	370	539	545	650	657
	ISEER	4.68	4.60	4.6	4.56	4.61
Compressor, Refrigerant & Ambient Operations	Electricity Consumed In 1600 Hours. (Units/Year)	598.99	872.3	901.17	1073.42	1099.33
	Nominal Current (Cooling In Amps)	4.3	6.3	6.7	9.12	8.3
	Air Flow Volume (Wet CFM) (High/Medium/Low)	318/271/194	420/315/275	420/315/275	611/531/421	611/531/421
	Noise Level Indoor (High/Medium/Low) In dB(A)	40/34/31	45/41/37	45/41/37	49/45/43	49/45/43
	Moisture Removal (Litres/Hour)	1.4	2	2.2	2.2	2.2
	Compressor Type	Inverter Rotary	Dual Rotary	Dual Rotary	Dual Rotary	Inverter Rotary
User Interface - Remote	Compressor Warranty	10 Years	10 Years	10 Years	10 Years	10 Years
	Eco Friendly Refrigerant	R32	R32	R32	R32	R32
	Ambient Temp (Cooling)°C	52°C	52°C	52°C	52°C	52°C
Product Dimensions, Weight & Input Power Supply	Remote	Large LCD display With Back Lit	Large LCD display With Back Lit	Large LCD display With Back Lit	Large LCD display With Back Lit	Large LCD display With Back Lit
	Night Glow Function On Remote Buttons	YES(temp +/-button)	YES(temp +/-button)	YES(temp +/-button)	YES(temp +/-button)	YES(temp +/-button)
Tube Size & Piping Capability	IDU Dimension (W X H X D) mm	845 x 300 x 193	960 x 320 x 215	960 x 320 x 215	1110 x 335 x 215	1110 x 335 x 215
	Input Power Supply	Indoor Unit	Indoor Unit	Indoor Unit	Indoor Unit	Indoor Unit
	Net Weight IDU	10.0Kg	12.0Kg	12.0Kg	15.0Kg	15.0Kg
	ODU Dimension (W X H X D) mm	968 x 652.5 x 367	968 x 689 x 367	968 x 652.5 x 367	968 x 689 x 367	968 x 652.5 x 367
	Net Weight ODU	34.9 Kg	40 Kg	34.7 Kg	46.0 Kg	33.2 Kg
Tube Size & Piping Capability	Noise Level Outdoor In dB(A)	58	58	59	59	59
	Suction Tube Size Outer Diameter Inch (mm)	3/8" (9.52 mm)	1/2" (12.7 mm)	1/2" (12.7 mm)	5/8" (15.87 mm)	5/8" (15.87 mm)
	Liquid Tube Size Outer Diameter Inch (mm)	1/4" (6.35 mm)	1/4" (6.35 mm)	1/4" (6.35 mm)	3/8" (9.52 mm)	1/4" (6.35 mm)
	Max Piping Capability Total (metre)	20	20	20	20	20
	Max Piping Capability Vertical (metre)	10	10	10	10	10
Tube Size & Piping Capability	Refrigerant Additional Charge Beyond 5M (g/m)	15	15	15	15	15

As a continuing policy of research and development in Blue Star, the design, features, technical specifications are subject to change without prior notice. The product images shown are for reference only and actual products may differ. Values mentioned are under standard tested conditions in lab. Actual performance values may vary with different ambient conditions. Features may vary from model to model.



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