

Shizen Tech Data

Heat Pump Series

DESCRIPTION	UNIT	SHIZEN 3100S HP	SHIZEN 3100S HP	SHIZEN 3100S HP
Details				
Model Number		RSPG312HEXA	RSQG318HEXA	RMRG324HEXA
Tonnage	TR	1.0	1.5	2.0
Compressor	Type / Refrigerant	Tropical Rotary / R410a	Tropical Rotary / R410a	Tropical Twin Rotary / R410a
Performance				
Rated Cooling Capacity (100 % load)	BTU /Hr (watts)	12000 (3516)	17400 (5100)	24000 (7000)
Rated Heating Capacity (100 % load)	BTU /Hr (watts)	13000 (3800)	18100 (5300)	24000 (7000)
Maximum Cooling	BTU /Hr (watts)	12620 (3700)	18350 (5360)	24000 (7000)
Maximum Heating Capacity	BTU /Hr (watts)	14000 (4100)	19000 (5570)	26000 (7600)
Rated ISEER		3.80	3.80	3.60
Annual Power Consumption (As per BEE Norms)	(kWh)	716.19	1040.20	1507.10
Fan Speed	No. of steps	5	5	5
Air Flow (IDU) (Cooling/Heating -Super High)	CFM	425/405	530/460	620/583
Sound level *	db	30/29	33/32	33/32
Electrical				
Rated Power Supply	Volts/Hz/Phase	230/50/1	230/50/1	230/50/1
Rated Power Input - cooling/Heating	Watts	1095/1025	1847/1500	2860/2540
Rated Current Drawn- Cooling/Heating	Amps	5.01 / 4.69	8.45 / 6.86	13.09 / 11.62
Aesthetic				
Iconic Wave Design		✓	✓	✓
air Technology				
Silent Air /odor free air/Surround air		✓	✓	✓
Advanced Features				
Tropical Inverter		✓	✓	✓
100% Cooling at 43° C		✓	✓	✓
100% Inner Grooved Copper Tubes		✓	✓	✓
Superslit Fins*1		✓	✓	✓
Stabilizer Free Operation		✓	✓	✓
Filter Clean Indicator		✓	✓	✓
Penta Sensor		✓	✓	✓
Superfine Mesh filter		✓	✓	✓
Key Features				
On / Off Timer		✓	✓	✓
Hydrophilic Fins (Indoor Unit)		✓	✓	✓
One Touch Super Silent		✓	✓	✓
Heat mode		✓	✓	✓
Backlight Remote Controller		✓	✓	✓
Assurance				
Compressor Warranty	5 + 5 Years	✓	✓	✓
Controller (PCB) Warranty	1 + 4 Years	✓	✓	✓
Extended Warranty on Entire Machine	1 + 1 Years	✓	✓	✓
Dimensions				
Dimension (IDU) (WXHxD)	mm	798 X 295 X 239	968 X 294 X 240	997 X 294 X 253
Dimension (ODU) (WXHxD)	mm	750 X 548 X 288	750 X 548 X 288	792 X 600 X 299
Suction Line Diameter	mm / (Inches)	9.53 (3/8")	12.7 (1/2")	15.878 (5/8")
Liquid Line Diameter	mm (Inches)	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")
Net Weight IDU /ODU	Kg	9.50 / 30.00	11.20 / 34.00	13.00 / 48.00

Notes: Auto Mode, Cool Mode, Fan Mode, Dry Mode (better humidity control), LCD remote control, Auto Fan Speed, Auto Restart, Green Refrigerant, 43 Quality Test features are available in every model. *1 at Super Silent fan speed & at a distance of 1 m. *2 SuperSlit Fins are available only in IDU. Permissible Maximum Pipe length limit is up to 25 Mtrs. Features may vary from model to model. Due to continuous research & development, specifications & features may change without prior notice. #T&C apply. Offer available on select models only and subject to company's discretion. Offer can be withdrawn anytime without prior notice.

Inverter - Heat Pump Models Specs

	Description	Unit	4 Star Inverter Series	3 Star Inverter Series	
	Model Name		Shizen 4100XHP	Shizen 3100SHP	
Details	Model Number		RMRG422HFXO	RSQG318HGXA	
	Tonnage Class		2.0	1.5	
	Compressor	Type / Refrigerant	Tropical Twin Rotary / R32	Tropical Rotary / R410a	
	Rated Cooling Capacity (100 % load)	BTU /Hr (watts)	21837 (6400)	17400 (5100)	
Performance	Rated Heating Capacity (100 % load)	BTU /Hr (watts)	24000 (7033)	18100 (5300)	
	Maximum Cooling	BTU /Hr (watts)	23032 (6750)	18350 (5360)	
	Maximum Heating Capacity	BTU /Hr (watts)	25590 (7500)	19000 (5570)	
	Rated ISEER		4.50	3.80	
	Annual Power Consumption (As per BEE Norms)	(kWh)	1101.16	1040.20	
	Fan Speed	No. of steps	5	5	
	Air Flow (IDU) (Cooling/Heating -Super High)	CFM	620/583	530/460	
	Sound level *	db	35/34	33/32	
	Electrical	Rated Power Supply	Volts/Hz/Phase	230/50/1	230/50/1
		Rated Power Input -cooling/Heating	Watts	1900/2200	1847/1500
Rated Current Drawn-Cooling/Heating		Amps	8.3/10	8.45 / 6.86	
Key Features	Iconic Wave Design		✓	✓	
	Ambience Light				
	Silent air /odour-free air/Surround air		✓	✓	
	Xpandable		✓		
	Tropical Design up to 52°C		✓	✓	
	100% Cooling at 43° C		✓	✓	
	100% Inner Grooved Copper Tubes		✓	✓	
	SuperSilt Fins		✓	✓	
	Stabilizer Free Operation		✓	✓	
	Filter Clean Indicator		✓	✓	
	Penta Sensor		✓	✓	
	Superfine Mesh filter		✓	✓	
	Advance Features	On / Off Timer		✓	✓
Hydrophilic Fins (Indoor Unit)			✓	✓	
One Touch Super Silent			✓	✓	
Heat mode			✓	✓	
Backlight Remote Controller			✓	✓	
Assurance	Compressor Warranty	1+9 Years	✓	✓	
	Controller (PCB) Warranty	1 + 4 Years	✓	✓	
	Extended Warranty on Entire Machine	1 Year	✓	✓	
Dimensions	Dimension (IDU) (W x H x D)	mm	997 x 294 x 253	968 x 294 x 240	
	Dimension (ODU) (W x H x D)	mm	792 x 600 x 299	750 x 548 x 288	
	Suction Line Diameter	mm / (Inches)	15.878 (5/8")	12.7 (1/2")	
	Liquid Line Diameter	mm (Inches)	6.35 (1/4")	6.35 (1/4")	
	Net Weight IDU /ODU	Kg	13.00 / 45	11.20 / 34.00	

Notes:

Unit performance conforms to IS1391-2.

Auto Mode, Cool Mode, Fan Mode, Dry Mode (better humidity control), LCD remote control, Auto Fan Speed, Auto Restart, Green Refrigerant, 43 Quality Test features are available in every model

*1 at Super Silent fan speed & at a distance of 1 m.

Permissible Maximum Pipe length limit is up to 25 Mtrs. Features may vary from model to model. Due to continuous research & development, specifications & features may change without prior notice.

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