

	DESCRIPTION	UNIT	MERA1 3100S			
	Star Rating		3	3	3	3
Details	X Series		-	-	-	-
	Model Number		RSFG312HDEA	RSFG315HDEA	RSNG318HDEAZZ	RMNG322HCEA
	Tonnage	TR.	1	1.25	1.5	1.8
	Compressor	Type / Refrigerant	Tropical Rotary / R410a	Tropical Rotary / R410a	Tropical Rotary / R410a	Tropical Rotary / R410a
Performance	Rated Cooling Capacity (100% load)	BTU / Hr (Watts)	12000 (3516)	15000 (4400)	17400 (5100)	21500 (6300)
	Maximum Cooling Capacity	BTU / Hr (Watts)	13200 (3870)	15000 (4400)	17400 (5100)	21500 (6300)
	Rated ISEER		3.7	3.8	3.8	3.8
	Annual Power Consumption (As per BEE norms)	(kWh)	736.19	896.89	1039.88	1282.37
	Fan Speed	No. of steps	3	3	3	3
	Air Flow (IDU) (Cooling-Super High)	CFM	425	425	530	583
	Sound Level*	db	37	35	36	37
Electrical	Rated Power Supply	Volts / Hz / Phase	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1
	Rated Power Input	Watts	1180	1480	1730	2090
	Rated Current Drawn	Amps	5.4	6.77	7.92	9.57
Hitachi air	Wave Blade Design		✓	✓	✓	✓
	Big Flow Deflector		✓	✓	✓	✓
	Auto Coil Dry Technology		✓	✓	✓	✓
	iFresh (FrostWash Technology)					
	iClean+ (Auto Filter Cleaning Technology)					
Advance Features	Expandable					✓
	iSee (Image Sensor Technology)					✓
	iSense (Activity Sensor Technology)					✓
	4 Way Air Swing					
	Tropical Design		✓	✓	✓	✓
	100% Cooling Capacity at 43°C		✓	✓	✓	✓
	100% Inner Grooved Copper Tube		✓	✓	✓	✓
	SuperSlit Fins		✓	✓	✓	✓
	Stabiliser Free Operation		✓	✓	✓	✓
	Filter Clean Indicator		✓	✓	✓	✓
	High CFM					
	Penta Sensor		✓	✓	✓	✓
	Stainless Steel Coated Filter					
	SuperFine Mesh filter		✓	✓	✓	✓
Key Features	On / Off Timer		✓	✓	✓	✓
	Hydrophilic Fins (Indoor Unit)		✓	✓	✓	✓
	Powerful Mode					
	Auto Off					
	One Touch Super Silent					
	Heat Mode					
	Smart Swing					
	Asymmetric Swing					
Assurance <sup>®</sup>	Backlight Remote Controller		✓	✓	✓	✓
	Compressor Warranty	5 + 5 Years	✓	✓	✓	✓
	Controller (PCB) Warranty	1 + 4 Years	✓	✓	✓	✓
	Extended Warranty on Entire Machine	1 + 1 Years				
Dimensions	Compressor Warranty	1 + 4 Years				
	Dimension (IDU) (W X H X D)	mm	798 X 295 X 239	798 X 295 X 239	968 X 294 X 240	968 X 294 X 240
	Dimension (ODU) (W X H X D)	mm	750 X 548 X 288	750 X 548 X 288	750 X 548 X 288	792 X 600 X 299
	Suction Line Diameter	mm (Inches)	9.53 (3/8")	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")	6.35 (1/4")
Net Weight IDU / ODU	Kg	8.5 / 27.2	9.5 / 31.2	11.2 / 29.9	11.2 / 41.1	

**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.

\*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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	DESCRIPTION	UNIT	MERAI 3100X
	Star Rating		3
Details	X Series		-
	Model Number		RMOG324HCEA
	Tonnage	TR.	2
	Compressor	Type / Refrigerant	Tropical Twin Rotary / R410a
Performance	Rated Cooling Capacity (100 % load)	BTU / Hr (Watts)	23885 (7000)
	Maximum Cooling Capacity	BTU / Hr (Watts)	25390 (7440)
	Rated ISEER		3.75
	Annual Power Consumption (As per BEE norms)	(kWh)	1443.97
	Fan Speed	No. of steps	5
	Air Flow (IDU) (Cooling-Super High)	CFM	620
	Sound Level*	db	37
Electrical	Rated Power Supply	Volts / Hz / Phase	230 / 50 / 1
	Rated Power Input	Watts	2420
	Rated Current Drawn	Amps	10.97
Hitachi air	Wave Blade Design		✓
	Big Flow Deflector		✓
	Auto Coil Dry Technology		✓
	iFresh (FrostWash Technology)		
	iClean+ (Auto Filter Cleaning Technology)		
Advance Features	Expandable		✓
	iSee (Image Sensor Technology)		
	iSense (Activity Sensor Technology)		
	4 Way Air Swing		
	Tropical Design		✓
	100% Cooling Capacity at 43°C		✓
	100% Inner Grooved Copper Tube		✓
	SuperSlit Fins		✓
	Stabiliser Free Operation		✓
	Filter Clean Indicator		✓
	High CFM		
	Penta Sensor		✓
	Stainless Steel Coated Filter		
	SuperFine Mesh filter		✓
	On / Off Timer with Advance Start Up		
Key Features	On / Off Timer		✓
	Hydrophilic Fins (Indoor Unit)		✓
	Powerful Mode		
	Auto Off		
	One Touch Super Silent		✓
	Heat Mode		
	Smart Swing		
	Asymmetric Swing		
Backlight Remote Controller		✓	
Assurance*	Compressor Warranty	5 + 5 Years	✓
	Controller (PCB) Warranty	1 + 4 Years	✓
	Extended Warranty on Entire Machine	1 + 1 Years	
	Compressor Warranty	1 + 4 Years	
Dimensions	Dimension (IDU) (W X H X D)	mm	997 X 294 X 253
	Dimension (ODU) (W X H X D)	mm	792 X 600 X 299
	Suction Line Diameter	mm (Inches)	15.878 (5/8")
	Liquid Line Diameter	mm (Inches)	6.35 (1/4")
	Net Weight IDU / ODU	Kg	13/43.6

**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.

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

Permissible maximum pipe length limit is up to 25 mtrs

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	DESCRIPTION	UNIT	MERAI 3300S		
	Star Rating		3	3	3
Details	X Series		-	-	-
	Model Number		RSOG312IDEA	RSOG317ICEA	RMOG322ICEA
	Tonnage	TR.	1	1.5	1.8
	Compressor	Type / Refrigerant	Tropical Rotary / R410a	Tropical Rotary / R410a	Tropical Rotary / R410a
Performance	Rated Cooling Capacity (100 % load)	BTU / Hr (Watts)	12000 (3516)	17400 (5100)	21500 (6300)
	Maximum Cooling Capacity	BTU / Hr (Watts)	13200 (3870)	17400 (5100)	21500 (6300)
	Rated ISEER		3.99	3.8	3.85
	Annual Power Consumption (As per BEE norms)	(kWh)	681.98	1039.65	1266.1
	Fan Speed	No. of steps	5	5	5
	Air Flow (IDU) (Cooling-Super High)	CFM	460	583	620
	Sound Level*	db	28	32	35
Electrical	Rated Power Supply	Volts / Hz / Phase	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1
	Rated Power Input	Watts	1099	1759	2090
	Rated Current Drawn	Amps	5.03	8	9.57
Hitachi air	Wave Blade Design		✓	✓	✓
	Big Flow Deflector		✓	✓	✓
	Auto Coil Dry Technology		✓	✓	✓
	iFresh (FrostWash Technology)				
	iClean+ (Auto Filter Cleaning Technology)		✓	✓	✓
Advance Features	Expandable				
	iSee (Image Sensor Technology)				
	iSense (Activity Sensor Technology)		✓	✓	✓
	4 Way Air Swing		✓	✓	✓
	Tropical Design		✓	✓	✓
	100% Cooling Capacity at 43°C		✓	✓	✓
	100% Inner Grooved Copper Tube		✓	✓	✓
	SuperSlit Fins		✓	✓	✓
	Stabiliser Free Operation		✓	✓	✓
	Filter Clean Indicator		✓		✓
	High CFM				
	Penta Sensor		✓	✓	✓
	Stainless Steel Coated Filter		✓	✓	✓
SuperFine Mesh filter		✓		✓	
Key Features	On / Off Timer		✓	✓	✓
	Hydrophilic Fins (Indoor Unit)		✓	✓	✓
	Powerful Mode		✓	✓	
	Auto Off		✓	✓	✓
	One Touch Super Silent		✓	✓	✓
	Heat Mode				
	Smart Swing				
	Asymmetric Swing		✓	✓	✓
	Backlight Remote Controller		✓	✓	✓
Assurance*	Compressor Warranty	5 + 5 Years	✓	✓	✓
	Controller (PCB) Warranty	1 + 4 Years	✓	✓	✓
	Extended Warranty on Entire Machine	1 + 1 Years			
	Compressor Warranty	1 + 4 Years			
Dimensions	Dimension (IDU) (W X H X D)	mm	997 X 294 X 258	997 X 294 X 258	997 X 294 X 258
	Dimension (ODU) (W X H X D)	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	13 / 27.4	13 / 29.9	13 / 41.1

**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.

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

Permissible maximum pipe length limit is up to 25 mtrs

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	DESCRIPTION	UNIT	MERA1 PLUS 4100S		
	Star Rating		4	4	4
Details	X Series		-	-	-
	Model Number		RSFG412HDEA	RSNG417HDEA	RMOG424HDEA
	Tonnage	TR.	1	1.5	2
	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)	23885 (7000)
	Maximum Cooling Capacity	BTU / Hr (Watts)	13200 (3870)	17400 (5100)	25390 (7440)
	Rated ISEER		4.1	4.2	4.21
	Annual Power Consumption (As per BEE norms)	(kWh)	664.15	940.57	1288.22
	Fan Speed	No. of steps	5	5	5
	Air Flow (IDU) (Cooling-Super High)	CFM	425	530	620
	Sound Level*	db	30	35	37
Electrical	Rated Power Supply	Volts / Hz / Phase	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1
	Rated Power Input	Watts	1055	1549	2315
	Rated Current Drawn	Amps	4.83	7.1	10.59
Hitachi air	Wave Blade Design		✓	✓	✓
	Big Flow Deflector		✓	✓	✓
	Auto Coil Dry Technology		✓	✓	✓
	iFresh (FrostWash Technology)				
	iClean+ (Auto Filter Cleaning Technology)				
Advance Features	Expandable				
	iSee (Image Sensor Technology)				
	iSense (Activity Sensor Technology)				
	4 Way Air Swing				
	Tropical Design		✓	✓	✓
	100% Cooling Capacity at 43°C		✓	✓	✓
	100% Inner Grooved Copper Tube		✓	✓	✓
	SuperSlit Fins		✓	✓	✓
	Stabiliser Free Operation		✓	✓	✓
	Filter Clean Indicator		✓	✓	✓
	High CFM				
	Penta Sensor		✓	✓	✓
	Stainless Steel Coated Filter				
	SuperFine Mesh filter		✓	✓	✓
	On / Off Timer with Advance Start Up				
Key Features	On / Off Timer		✓	✓	✓
	Hydrophilic Fins (Indoor Unit)		✓	✓	✓
	Powerful Mode				
	Auto Off				
	One Touch Super Silent		✓	✓	✓
	Heat Mode				
	Smart Swing				
	Asymmetric Swing				
Backlight Remote Controller		✓	✓	✓	
Assurance*	Compressor Warranty	5 + 5 Years	✓	✓	✓
	Controller (PCB) Warranty	1 + 4 Years	✓	✓	✓
	Extended Warranty on Entire Machine	1 + 1 Years			
	Compressor Warranty	1 + 4 Years			
Dimensions	Dimension (IDU) (W X H X D)	mm	798 X 295 X 239	968 X 294 X 240	997 X 294 X 253
	Dimension (ODU) (W X H X D)	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	9.5 / 27.9	11.2 / 31.2	13 / 44.60

**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.

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

Permissible maximum pipe length limit is up to 25 mtrs

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