

.		Regular Models	Regular Models	Variant Models	Variant Models	Regular Models
Final Names		MERAI 3100X				
Tonnage Class		1.2TR	1.5TR	1.5TR	1.5TR	2.0TR
Star Rating	No of BEE Stars	3	3	3	3	3
Unit	Model Number	RSG314HBEA	RSD318HBEA	RSD318HBEAZ1	RSD318EBEAZ1	RMC324HBEA
IDU	Model Number	ESG314HBEA	ESD318HBEA	ESD318HBEAZ1	ESD318EBEAZ1	EMC324HBEA
ODU	Model Number	CSG314HBEA	CSD318HBEA	CSD318HBEAZ1	CSD318EBEAZ1	CMC324HBEA
Compressor	Type	Rotary	Rotary	Rotary	Rotary	Twin Rotary
Rated Power Supply	Volts/Hz/Phase	230/50/1	230/50/1	230/50/1	230/50/1	230/50/1
Rated Cooling Capacity (100 % load)	BTU/Hr	14400	18000	18000	18000	23885
Maximum Cooling Capacity		15840	19800	19800	20473	25390
Rated Cooling Capacity (100 % load)	Watts	4220	5275	5275	5275	7000
Maximum Cooling Capacity		4640	5800	5800	6000	7440
Rated Power Input (100 % load)	Watts	1418	1720	1720	1640	2350
Rated ISEER		3.80	3.95	3.95	3.99	3.99
Cooling Seasonal Energy Consumption	(kWh)	860	1033	1033	1023	1359
Current Drawn (Rated)	Amps	6.5	7.9	7.9	7.5	10.8
Fan Speed	Steps	3	3	3	5	3
Air Flow (IDU) (Cooling -Super High)	CFM	425	583	583	583	620
Sound Level* (IDU)	dB	37	36	36	33	37
Dimension (IDU) (W X H X D)	mm	798 x295x240	968x294x240	968x294x240	968x294x240	997x294x253
Dimension (ODU) (W X H X D)	mm	750 X 548 X 288	750 X 548 X 288	750 X 548 X 288	750 X 548 X 288	792 X 600 X 299
Net Weight (IDU)	Kg	9.5	11.2	11.2	15	13
Net Weight (ODU)	Kg	31	33	33	35	45
Refrigerant Pipe Diameter	Inches	1/4" X 3/8"	1/4" X 1/2"	1/4" X 1/2"	1/4" X 1/2"	1/4" X 5/8"
Suction Line Diameter	mm	9.53	12.70	12.70	12.70	15.88
	cm	0.95	1.27	1.27	1.27	1.59
	m	0.0095	0.0127	0.0127	0.0127	0.0159
Liquid Line Diameter	mm	6.35	6.35	6.35	6.35	6.35
	cm	0.64	0.64	0.64	0.64	0.64
	m	0.0064	0.0064	0.0064	0.0064	0.0064
Maximum Piping length	Mtr	25	25	25	25	25
Remote Handset						
Features may vary from model to model.						
*At Super Silent fan speed & at a distance of 1 m .						
Hitachi air-conditioners are designed to work in ambient temperatures upto 52°C.						
Due to continous research & development , specifications & features may change without prior notice .						