



		Regular Models	Variant Models	Regular Models	Variant Models	Regular Models
Final Names		MERAI 3100S				
Tonnage Class		1.0TR	1.0TR	1.5TR	1.5TR	1.8TR
Star Rating	No of BEE Stars	3	3	3	3	3
Unit	Model Number	RSF312HBEA	RSG312EBEAZ1	RSD317HBEA	RSD317HBEAZ1	RMD322HBEA
IDU	Model Number	ESF312HBEA	ESG312EBEAZ1	ESD317HBEA	ESD317HBEAZ1	EMD322HBEA
ODU	Model Number	CSF312HBEA	CSG312EBEAZ1	CSD317HBEA	CSD317HBEAZ1	CMD322HBEA
Compressor	Type	Rotary	Rotary	Rotary	Rotary	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	12000	12011	17400	17400	21500
Maximum Cooling Capacity		13200	13307	17400	17400	21500
Rated Cooling Capacity (100 % load)	Watts	3516	3520	5100	5100	6300
Maximum Cooling Capacity		3870	3900	5100	5100	6300
Rated Power Input (100 % load)	Watts	1025	1000	1730	1730	2020
Rated ISEER		3.99	3.94	3.80	3.80	3.90
Cooling Seasonal Energy Consumption	(kWh)	683	692	1040	1040	1251
Current Drawn (Rated)	Amps	4.7	4.6	7.9	7.9	9.2
Fan Speed	Steps	3	5	3	3	3
Air Flow (IDU) (Cooling -Super High)	CFM	425	425	583	583	583
Sound Level* (IDU)	dB	37	28	36	36	37
Dimension (IDU) (W X H X D)	mm	798 x295x239	798 x295x240	968x294x240	968x294x240	968x294x240
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	9.5	11.2	11.2	11.2
Net Weight (ODU)	Kg	30	31	30	30	41
Refrigerant Pipe Diameter	Inches	1/4" X 3/8"	1/4" X 3/8"	1/4" X 1/2"	1/4" X 1/2"	1/4" X 5/8"
Suction Line Diameter	mm	9.53	9.53	12.70	12.70	15.88
	cm	0.95	0.95	1.27	1.27	1.59
	m	0.0095	0.0095	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 .						