

# Tech Data

	DESCRIPTION	UNIT	Senpal 3200FL			Toushi 3100FL			Logicool Pro 3100FL			Takeshi	
Details	Model Number		RAS.B312PCAIBA	RAS.B318PCAIBA	RAS.B222PCAIBA	RAS.B312PCAIBW	RAS.B318PCAIBW	RAS.B222PCAIBW	RAS.B312PCAIBWB	RAS.B318PCAIBWB	RAS.B222PCAIBWB	RMZ224HFDOWZ1	RBZ09HCDAW
	Tonnage	TR	1.0	1.5	1.8	1.0	1.5	1.8	1.0	1.5	1.8	2.0 TR	3.1 TR
	Star Rating		3 Star	3 Star	2 Star	3 Star	3 Star	2 Star	3 Star	3 Star	2 Star	2 Star	NA
	Compressor	Type / Refrigerant	Tropical Rotary / R32	Tropical Rotary / R32	Tropical Rotary / R32	Tropical Rotary / R32	Tropical Rotary / R32	Tropical Rotary / R32	Tropical Rotary / R32	Tropical Rotary / R32	Tropical Rotary / R32	Tropical Rotary / R32	Tropical Rotary / R32
Performance	Rated Cooling (100% load)	BTU/Hr (Watts)	12000(3517)	17500(5130)	21665(6350)	12000(3517)	17500(5130)	21665(6350)	12000(3517)	17500(5130)	21665(6350)	23543(6900)	37200(10903)
	Maximum Cooling	BTU/Hr (Watts)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Rated EER		3.85	3.82	3.75	3.85	3.82	3.75	3.85	3.82	3.75	3.65	2.90
	Annual Power Consumption (As per BEE Norms)	(kWh)	706.76	1039.62	1310.56	706.76	1039.62	1310.56	706.76	1039.62	1310.56	1472.31	2911.00
	Fan Speed	No. of steps	5	5	5	5	5	5	5	5	5	4	4
	Air Flow (IDU) (Cooling-Super High)	CFM	400	670	670	400	670	670	400	670	670	850	950
	Sound level *1	dba	36	39	39	36	39	39	36	39	39	40	40
Electrical	Rated Power Supply	Volts / Hz / Phase	230/50/1	230/50/1	230/50/1	230/50/1	230/50/1	230/50/1	230/50/1	230/50/1	230/50/1	230/50/1	230/50/1
	Rated Power Input	Watts	913	1343	1693	913	1343	1693	913	1343	1693	1890	3760
	Rated Current Drawn	Amps	4.18	6.15	7.74	4.18	6.15	7.74	4.18	6.15	7.74	8.40	16.80
Air Technology	Silent air		✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Odour free air (Soft Dry)		✓	✓	✓	✓	✓	✓	✓	✓	✓		
Key Features	Long air throw *2		✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Ambience Light		✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Tropical Design		✓	✓	✓	✓	✓	✓	✓	✓	✓		
	My Mode		✓	✓	✓	✓	✓	✓	✓	✓	✓		
	100% Inner Grooved Copper Tube		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Superslit Fins*		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Filter clean indicator		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	High CFM											✓	✓
	Superfine Mesh filter		✓	✓	✓	✓	✓	✓	✓	✓	✓		
Advance Features	On / Off Timer		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Good Sleep / Sleep mode		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Eco Mode (Sensorless)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Powerful Mode		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	One Touch Super Silent		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Up/Down Swing		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Hydrophilic Fins (Indoor Unit)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Backlight Remote controller		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Assurance	Warranty on Entire Machine	1 Year	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Compressor Warranty	1 + 4 Years	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Dimensions	Dimension (IDU) (WXHXD)	mm	780x280x222	1050x294x250	1050x294x250	780x280x222	1050x294x250	1050x294x250	780x280x222	1050x294x250	1050x294x250	1259x362x282	1259x362x282
	Dimension (ODU) (WXHXD)	mm	658x530x274	750x550x290	800x640x298	658x530x274	750x550x290	800x640x298	658x530x274	750x550x290	800x640x298	792x600x299	935x735x390
	Suction Line Diameter	mm (Inches)	9.52(3/8")	12.7(1/2")	15.88(5/8")	9.52(3/8")	12.7(1/2")	15.88(5/8")	9.52(3/8")	12.7(1/2")	15.88(5/8")	15.88(5/8")	15.88(5/8")
	Liquid Line Diameter	mm (Inches)	6.35(1/4")	6.35(1/4")	6.35(1/4")	6.35(1/4")	6.35(1/4")	6.35(1/4")	6.35(1/4")	6.35(1/4")	6.35(1/4")	6.35(1/4")	6.35(1/4")
	Net Weight IDU /ODU	Kg	8.5/29	11/36.5	11/41	8.5/29	11/36.5	11/41	8.5/29	11/36.5	11/41	19.5/44.1	19.5/66.5

### 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 in Anechoic test chamber.

\*2 Air flow range for Long air throw will vary as per chassis/tonnage.

Permissible maximum pipe length limit is up to 25 meters and vertical height limit is up to 10 meters.

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.