



Technical Specification of New Efficiency On/Off Split Air Conditioner

MODEL		AVAL-BREEZE-9BTU	AVAL-BREEZE-12BTU	AVAL-BREEZE-18BTU	AVAL-BREEZE-24BTU	AVAL-BREEZE-32BTU	
Type		Heating pump	Heating pump	Heating pump	Heating pump	Heating pump	
Control Type		Remote	Remote	Remote	Remote	Remote	
Power supply	Ph-V-Hz	1Ph-220-240V~50Hz	1Ph-220-240V~50Hz	1Ph-220-240V~50Hz	1Ph-220-240V~50Hz	1Ph-220-240V~50Hz	
Voltage Range	V	198~264	198~264	198~264	198~264	198~264	
Energy Class in Cooling		B	B	B	B	B	
COOLING	Capacity	W	2640	3520	5280	6490	9379
	Rated power Input	W	850	1132	1665	2060	3090
	Rated current	A	3.8	5.0	7.5	9.3	14.0
	EER	W/W	3.11	3.11	3.17	3.15	3.04
	Max power Input	W	1105	1480	2165	2680	2680
	Max current	A	4.9	6.5	9.7	12.1	18.2
HEATING	Capacity	W	2790	3670	5430	6860	9849
	Rated power Input	W	725	1180	1535	1965	3220
	Rated current	A	3.2	5.2	6.9	8.9	15.2
	COP	W/W	3.85	3.11	3.54	3.49	3.06
	Energy Class in Heating		A++	B	A+	A+	B
	Max power Input	W	945	1550	1920	2555	4186
Max current	A	4.2	6.8	8.9	11.6	19.8	
Moisture removal	Liters/h	1.0	1.3	1.8	2.4	2.5	
Indoor noise level	dB (A)	39	40	44	45	50	
Outdoor noise level	dB (A)	51	52	56	57	59	
COMPRESSOR	Refrigerant		0.56	0.6	1.17	1.4	2.2
	Model		ASM93V11VDZ	44A263BK-FJKC	PA190M2AS-4KUL1	ASH232MV-C7EU1	ATH356CV-C9LU
	Type		Rotary	Rotary	Rotary	Rotary	Rotary
	Model		ASM93V	44A263B	PA190	ASH23	ATH356
	Brand		GMCC	RECHI	GMCC	HITACHI	HITACHI
Expansion device			Capillary tube	Capillary tube	Capillary tube	Capillary tube	Capillary tube
Indoor air flow (Hi/Mi/Lo)	m3/h	550/550	700/700	850/850	1200/1200	1300/1300	
INDOOR UNIT	Dimension(W*D*H)	mm	777x250x205	777x250x205	910x292x205	1010x315x220	1186x340x260
	Packing (W*D*H)	mm	848x318x277	848x318x277	977x370x275	1094x391x294	900x805x360
	Net/Gross weight	Kg	8/11	8/11	10/13	13/16	17/21
OUTDOOR UNIT	Dimension(W*D*H)	mm	600x230x500	700x256x550	780x605x290	820x605x300	1265x415x338
	Packing (W*D*H)	mm	705x550x320	803x361x600	883x653x412	920x635x402	1031x835x447
	Net/Gross weight	Kg	24/28	25/30	39/44	43/50	69/75
REFRIGERANT PIPING	Liquid side/Gas side	mm (inch)	φ6(1/4")/φ9(3/8")	φ6(1/4")/φ9(3/8")	φ6(1/4")/φ12(1/2")	φ6(1/4")/φ15.88(5/8")	φ9(3/8")/φ15.88(5/8")
	Max. refrigerant pipe length	m	15	15	15	15	15
	Max. difference in level	m	5	5	5	5	5
PRESSURE	High (DP)	MPa	4.5	4.5	4.5	4.5	4.5
	Low (SP)	MPa	1.9	1.9	1.9	1.9	1.9
	Refrigerant		R410A	R410A	R410A	R410A	R410A
Ambient temperature	°C	-7~43	-7~43	-7~43	-7~43	-7~43	
Suitable area	m²	9~16	15~23	20~35	27~45	30~50	



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