

SPECIFICATIONS

CASSETTE

IDU		RCI-1.0UNZ1NH	RCI-1.5UNZ1NH	RCI-2.0UNZ1NH	RCI-3.0UNZ1NH	RCI-4.0UNZ1NH	RCI-6.0UNZ1NH	RCI-6.5UNZ1NH	
ODU		RAS-1.0UNZGNH1	RAS-1.5UNZGNH1	RAS-2.0UNZGNH1	RAS-3.0UNZGNH1	RAS-4.0UNZGMH1	RAS-6.0UNZGMH1	RAS-6.5UNZGMH1	
Power supply	V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	380-415/3/50	380-415/3/50	380-415/3/50	
Max. input consumption	W	1,800	1,800	2,355	3,254	4,368	6,200	8,234	
Max. input current	A	10.0	10.0	10.5	15.5	9.1	11.8	16.6	
Cooling	Capacity	W	2,998	3,370	4,648	6,829	10,056	15,240	
	Capacity	Btu/h	10,230	11,500	15,860	23,300	34,310	52,000	
	Input	W	1,052	1,127	1,761	2,430	3,566	5,583	
	Current	A	6.2	6.2	7.5	10.5	6.9	8.9	10.0
	EER	W/W	2.85	2.99	2.64	2.81	2.82	2.73	2.73
Heating	Capacity	W	3,098	3,581	5,589	7,515	11,208	13,678	16,073
	Capacity	Btu/h	10,570	12,220	19,070	25,640	38,240	46,670	54,840
	Input	W	908	987	1,689	2,204	3,131	4,485	5,700
	Current	A	5.6	5.6	7.0	9.7	6.4	9.3	10.3
	COP	W/W	3.41	3.63	3.31	3.41	3.58	3.05	2.82
Indoor fan motor	Qty	1	1	1	1	1	1	1	
	Input	W	39	39	69	88	165	174	174
	Capacitor	µF	1.5	1.5	2.0	3.0	5.0	4.0	4.0
	Speed(Hi/Med/Lo)	r/min	700/600/500	700/600/500	980/840/720	450/390/270	625/550/480	640/550/450	640/550/450
Indoor air flow Rated(Hi/Med/Lo)	m ³ /h	600/510/430	600/510/430	800/700/600	1,100/1,000/900	1,600/1,400/1,200	2,000/1,800/1,600	2,000/1,800/1,600	
	CFM	353/300/253	353/300/253	470/412/353	647/588/529	941/823/705	1,176/1,058/941	1,176/1,058/941	
Indoor noise level (Sound pressure)(Hi/Med/Lo)	dB(A)	42/40/36	42/40/36	46/44/42	43/41/38	53/50/48	50/45/42	50/45/42	
Indoor unit	Dimension (WxHxD)	mm	650×270×570	650×270×570	650×270×570	840×248×840	840×248×840	840×298×840	840×298×840
	Packing(WxHxD)	mm	770×310×750	770×310×750	770×310×750	996×370×956	996×370×956	996×420×956	996×420×956
	Net/Gross weight	kg	19/25	19/25	20/27	28/35	30/39	33/42	33/42
Panel	Dimension (WxHxD)	mm	650×30×650	650×30×650	650×30×650	950×37×950	950×37×950	950×37×950	950×37×950
	Packing(WxHxD)	mm	730×130×730	730×130×730	730×130×730	1,025×120×1,015	1,025×120×1,015	1,025×120×1,015	1,025×120×1,015
	Net/Gross weight	kg	2.4/5	2.4/5	2.4/5	6.5/9.5	6.5/9.5	6.5/9.5	6.5/9.5
Drainage water pipe diameter	mm	IDΦ21	IDΦ21	IDΦ21	IDΦ32	IDΦ32	IDΦ32	IDΦ32	
Controller		Remote controller	Remote controller	Remote controller	Remote controller	Remote controller	Remote controller	Remote controller	
Operation temperature	°C	16-30	16-30	16-30	16-30	16-30	16-30	16-30	
Qty'per 20' /40' /40'HQ(Indoor unit)	Set	147/315/384	147/315/384	147/315/384	72/144/168	72/144/168	60/120/144	60/120/144	
Compressor	Type	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	
	Rated current(RLA)	A	4.1	4.1	7.2	11.4	5.9	7.8	9.2
	Refrigerant oil	type/ml	VG74 /350	VG74 /350	ATMOS-RB68EP/600	α68HES-H/570	α68HES-H/2,600	α68HES-H/1,600	α68HES-H/1,600
Outdoor fan motor	Qty	1	1	1	1	1	2	2	
	Input	W	25	25	41	118	160	74/74	145/145
	Speed	r/min	850	850	910	880/830/540	880/740/660	900/800/700	700/600/500
Outdoor noise level (sound pressure)	dB(A)	55	55	54	56	62	55	58	
Throttle type		Throttle Valve	Throttle Valve	Throttle Valve	Throttle Valve	Capillary	Capillary	Capillary	
Outdoor unit	Dimension(WxHxD)	mm	715×482×240	715×482×240	810×585×280	860×665×310	885×795×366	950×1,050×340	950×1,386×340
	Packing(WxHxD)	mm	830×530×315	830×530×315	940×640×420	990×730×450	1050×890×500	1,110×1,200×460	1,110×1,530×460
	Net/Gross weight	kg	28/30	28/30	42/45	51/56	67/71	96/103	106/116
Refrigerant	Type	R410A	R410A	R410A	R410A	R410A	R410A	R410A	
	Charged volume	kg	0.85	0.85	1.30	1.58	2.60	2.40	3.10
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ6.35/Φ12.7(1/4"/1/2")	Φ6.35/Φ12.7(1/4"/1/2")	Φ6.35/Φ12.7(1/4"/1/2")	Φ9.52/Φ15.88(3/8"/5/8")	Φ9.52/Φ19.05(3/8"/3/4")	Φ9.52/Φ19.05(3/8"/3/4")	Φ9.52/Φ19.05(3/8"/3/4")
	Max. pipe length	m	15	15	20	30	30	50	50
	Max. difference in level	m	7.5	7.5	15	15	20	30	30
Ambient temperature	Cooling	°C	-15~+43	-15~+43	-15~+43	-15~+43	-15~+43	-15~+43	-15~+43
	Heating	°C	-10~+24	-10~+24	-10~+24	-10~+24	-10~+24	-10~+24	-10~+24
Qty'per 20' /40' /40'HQ(Outdoor unit)	Set	204/412/520	204/412/520	102/204/272	90/186/186	44/92/96	26/53/106	26/53/53	

Nominal testing conditions:
 Cooling - Indoor 80.6°F DB / 66.2°F WB (27°C DB / 19°C WB) & Out door 95°F DB / 75.2°F WB (35°C DB / 24°C WB)
 Heating - Indoor 68°F DB / 59°F WB (20°C DB / 15°C WB) & Outdoor 44.6°F DB / 42.8°F WB (7°C DB / 6°C WB)