

Outdoor Unit

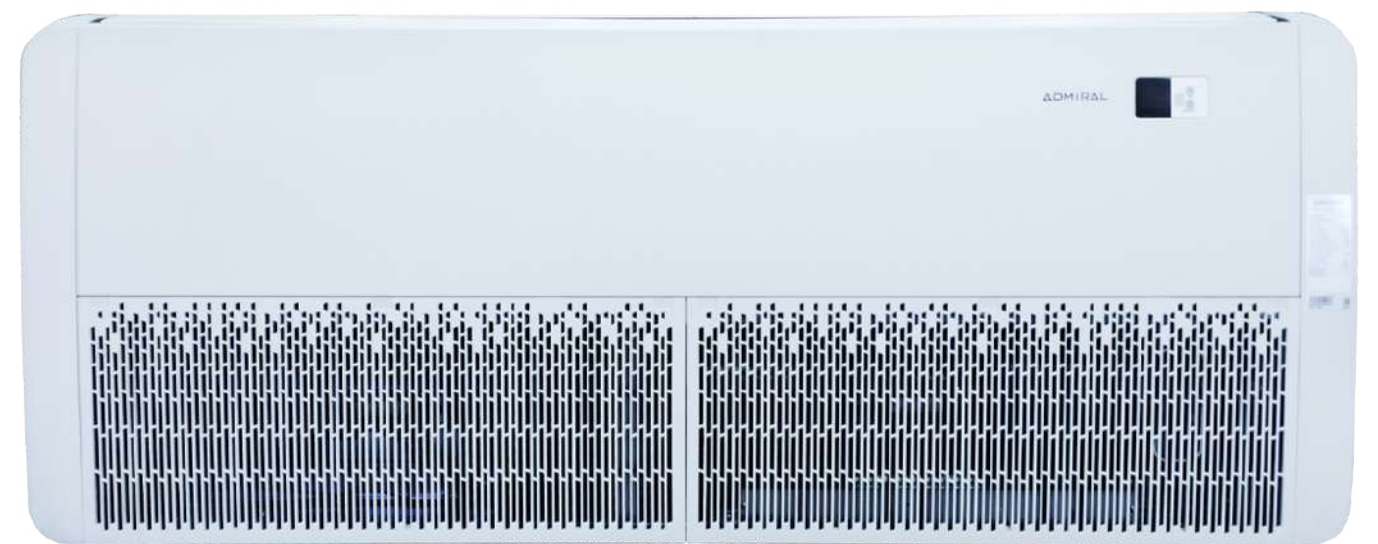


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Model		CUA-24HRI-D	CUA-36HRI-C	CUA-60HRI-C		
Outdoor power supply		V/Ph/Hz	220~240/1/50	380~415/3/50		
Cooling	Capacity	Btu/h	24000	36000		
		KW	7,1	10,5		
	Power Input	W	2400	3800		
	Rated current	A	10,6	6,9		
Heating	Capacity	Btu/h	26000	39000		
		KW	7,7	11,5		
	Power Input	W	2100	3600		
	Rated current	A	9,2	6,5		
Max. input consumption		W	2700	4900		
Max. current		A	13,9	10,3		
Starting current		A	60	42		
Compressor	Model		QXAH-E25H050A	QXAS-F356SM450	ATE650SC3Q9JK	
	Type		ROTARY	ROTARY	ROTARY	
	Brand		Landa	Landa	HITACHI	
	Capacity	Btu/h	21510	30000	55786	
	Input	W	2063	2910	5450	
	Rated current	A	9,1	5,3	9,2	
	Locked rotor Amp	A	56	45		
	Thermal protector		Internal	Internal	Internal	
	Capacitor	µF	60	/		
	Refrigerant oil	ml	600	1050	1850	
Outdoor fan motor	Model		YDK-75-6P3-AL	YDK-90-6P3-1	YDK-60-6P3-2	
	Output	W	75	90		
	Capacitor	µF	3	5	2*4	
	Speed	r/min	890	820	2*780	
Outdoor coil	Number of rows		1	2	2	
	Tube pitch(a)x row pitch(b)	mm	25	21*19.4	25*21.65	
	Fin spacing	mm	1,4	1,6	1,6	
	Fin type		Hydrophilic	Hydrophilic	Hydrophilic	
	Tube outside dia. and type	mm	φ9.52 inner grooved	φ7 inner grooved	φ9.52 inner grooved	
	Coil length*height*width	mm	785*650*21.65	1002*756*38.8	1804*1250*43.3	
	Number of circuits		2	5	7	
Outdoor air flow		m³/h	3400	3800	6100	
Outdoor noise level		dB(A)	56	56	60	
Outdoor unit	Dimension(W*H*D)		mm	914*702*382	1015*810*445	911*1335*400
	Packing(W*H*D)		mm	975*770*435	1075*875*495	964*1445*402
	Net/Gross weight		kg	52/55	67/71	98/106
Refrigerant type/quantity		g	R410A/1400	R410A/2300	R410A/3400	
Throttle part			capillary	capillary	capillary	
Design pressure		MPa	4.5/1.5	4.9/1.5	4.0/1.2	
Max pressure		MPa	4,5	4,9	4,5	
Connection wiring	Outdoor Power Supply					
	Power wiring	mm²	3*2.5/3*1.0	5*1.5/3*1.0	5*2.5/3*1.0	
	Signal wiring	mm²	RS485 twisted shielded wire pair 2*0.5			
Refrigerant piping	Liquid side/Gas side		mm	9.52/15.88	9.52/19.05	Φ9.52/Φ19.05
	Max. pipe length		m	20	20	20
	Max. high drop		m	10	10	10
Ambient temp.	Cooling	°C	18~50	18~50	18-50	
	Heating	°C	-7~24	-7~24	-7~24	

Model		CUA-24HRI-D	CUA-36HRI-C	CUA-60HRI-C		
Indoor power supply		V/Ph/Hz	220~240/1/50	220~240/1/50	220~240/1/50	
Cooling	Capacity	Btu/h	24000	36000	60000	
		KW	7,1	10,5	16	
	Power input	W	2550	4100	5960	
	Rated current	A	0,7	1,4	1,2	
Heating	Capacity	Btu/h	26000	39000	60000	
		KW	7,7	11,5	16	
	Power input	W	2250	3900	6060	
	Rated current	A	0,7	1,4	1,2	
COP		W/W	3.42	2.95		
Indoor fan motor	Model		YSK110-59LD-4P17	YSK110-180LD-4P2	YSK110-59LD-4P17 +YSK110-59LD-4P17	
	Power Output	W	59	180	59+59	
	Capacitor	µF	3	5	3+3	
	Speed(Hi/Me/Lo)	r/min	1310/1139/1016	1330/1230/1130	1310/1139/1016	
Indoor coil	Number of rows		3	3	3	
	Tube pitch(a)x row pitch(b)	mm	21*13.37	21*13.37	21*13.37	
	Fin spacing		mm	1,4	1,4	1,4
	Fin type			Hydrophilic	Hydrophilic	Hydrophilic
	Tube outside dia. and type	mm	Φ7 Inner grooved	Φ7 inner grooved	Φ7 Inner grooved	
	Coil length x height x width	mm	680*252*40.11	948*252*40.11	1300*252*40.11	
	Number of circuits			4	4	5
Indoor air flow(High speed)		m³/h	1200	1500	2300	
Indoor noise level		dB(A)	39~48	45~52	51~57	
Indoor unit	Dimension(W*H*D)		mm	1050*675*235	1300*675*235	1670*675*235
	Packing(W*H*D)		mm	1130*765*330	1380*765*325	1750*770*325
	Net/Gross weight		kg	26.5/31	32/37	40.5/46.5
Max pressure		MPa	4,5	4,9	4,5	
Refrigerant type			R410A	R410A	R410A	
Refrigerant piping	Liquid side/Gas side	mm	Φ9.52/Φ15.88	Φ9.52/Φ19.05	Φ9.52/Φ19.05	
Drainage pipe		mm	DN25	DN25	DN25	
Standard controller						
Operation temp.		°C	16~32	16~32	16~32	
Ambient temp.	Cooling	°C	18~50	18~50	18~50	
	Heating	°C	-7~24	-7~24	-7~24	

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