

Outdoor Unit



ADMIRAL

Model		COT-36HR1	COT-48HR1	COT-60HR1	
Outdoor Power Supply	V/Ph/Hz	380~415/3/50	380~415/3/50	380~415/3/50	
Cooling	Capacity	Btu/h	36000	48000	60000
		W	10500	14068	17585
	Input	W	3000	5000	5100
	Rated Current	A	5,6	8,5	9,9
Heating	Capacity	Btu/h	39000	52000	60000
		kW	11,5	15,2	16
	Input	W	2600	5300	5600
	Rated Current	A	4,5	8,9	9,5
Max. Input consumption	W	2960	6873	6900	
Max. Current	A	19,8	31,24	13	
Starting current	A	48	66	70	
Compressor	Model	YA331X3CS-9MU	C-SBN373H8D	E604DH-59D2G	
	Type	SCROLL	SCROLL	SCROLL	
	Brand	GMCC	SANYO	HITACHI	
	Capacity	Btu/h	36000	48100	56000
	Input	W	3650	4750	5750
	Rated current (RLA)	A	6,58	8,22	9,77
	Locked rotor amp (LRA)	A	48	66	70
	Thermal protector		Internal	Internal	Internal
	Capacitor	μF	/	/	/
	Refrigerant oil	ml	1700	1700	1700
Outdoor motor fan	Brand	weiling	weiling	weiling	
	Model	YDK-160-4P3	YDK-230-6P3	YDK-230-6P3	
	Input	W	400	325	325
	Capacitor	μF	6	12	12
Outdoor coil	Speed	r/min	1220	920	920
	Number of rows		1	1	2
	Tube pitch(a) x row	mm	25x21,5	25x21,3	25x21,3
	Fin spacing	mm	1,4	1,5	1,5
	Fin type		Hydrophilic	Hydrophilic	Hydrophilic
	Tube outside dia. And	mm	9,52	9,52	9,52
Outdoor coil			inner grooved	inner grooved	inner grooved
	Number of circuits		3	5	5
Outdoor air flow (High speed)	CFM	6000	3200	6100	
Outdoor noise level	dB(A)	65	65	65	
Outdoor Unit	Dimension (WxDxH)	mm	554x554x633	740x740x835	740x740x835
	Packing (WxDxH)	mm	575x575x690	760x760x875	760x760x875
	Net/Gross weight	kg	57/59,7	89/94	92,5/98
Refrigerant type/quantity	g	R410A/2650	R410A/3600	R410A/3600	
Throttle part		capillary	capillary	capillary	
Design pressure	Mpa	4,5/1,2	4,5/0,7	4,5/0,7	
Max. Pressure	MPa	4,5	4,5	4,5	
Connection wiring	Power supply		From outdoor unit	From outdoor unit	From outdoor unit
	Power wiring	mm ²	5x1,5/3x1,0	5x2,5/3x1,0	5x2,5/3x1,0
	Signal wiring	mm ²	5x1,0	5x1,0	5x1,0
Refrigerant piping	Liquid side/Gas side	mm	Φ12,7/Φ19,05	Φ12,7/Φ19,05	Φ12,7/Φ19,05
	Max. Pipe length	m	20	20	20
	Max. High drop	m	10	10	10
Ambient temp	°C	-7~43	-7~43	-7~43	
Stuffing Quantity	20'/40'/40'HQ	40/80/80	32/64/64	32/64/64	

Model		CAH-60HNR1	
Indoor Code		821034500022	
Power supply		220-240V~/50Hz	
Cooling	Capacity	Btu/h	60000
	Capacity	W	16000
	Indoor Input	W	470
	Indoor Rated current	A	2,14
Indoor Max. input consumption	W	540	
Indoor Max. current	A	2,45	
Indoor coil	Number of row		3
	Fin spacing	mm	1,5
	Fin material		Hydrophilic Aluminium Fin
	Tube outside diameter	mm	Φ7
	Tube material		Inner Screw
	Coil length x height x width	mm	378X40.11X443 (X2)
Indoor fan motor	Number of circuit		6
	Model		YDK-350F-6P3
	Brand		Kangbao
	Output	W	350
Indoor fan motor	Capacitor	μF	15
	Speed (Hi//Lo)	rpm	930/880
	Indoor air flow	m ³ /h	2200
Indoor noise level	dB(A)	51~57	
Indoor dimension	Unit (WxHxD)	mm	500×970×550
	Packing (WxHxD)	mm	560×1030×595
Indoor weight	Net	kg	45
	Gross	kg	48
Operation temperature range			16-32

Indoor Unit

Insulated cabinet
Galvanized steel with paint on all panels. Thermal insulator cover all inside panels to reduce heat and cooling losses and prevent condensed water accumulation.

Coil
"A" shape coils, constructed with copper tubing and enhanced aluminum fins.

Motor&Blower
Direct drive motors, 3-speed, provide selections of air flow to meet desired applications. Φ10" big fan, powerful wind. Motor is covered with thermal insulator, keep motor running in safety status.

Expansion device
Use piston as expansion device(13 SEER air handler)
Use TXV as expansion device(14 SEER air handler)

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