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DUCTED AC SYSTEM

STANDARD EFFICIENCY 60HZ



Indoor Unit Model				42KUA06031010-1	42KUA06031010-1
Outdoor Unit Model			38KUA03631010-1	38KUA06031010-1	38KUA06041010-1
Power supply (Indoor)		V- Ph-Hz	N/A	220V,1Ph, 60Hz	220V,1Ph, 60Hz
Power supply (Outdoor)		V- Ph-Hz	220-230V,1Ph, 60Hz	220V,1Ph, 60Hz	220V,3Ph, 60Hz
Cooling (Standard conditions)	Capacity	Btu/h	36000	55000	55000
	Input	W	3967	6300	6200
	Current	A	18.44	29.1	17.32
	EER	W/W	2.66	2.55	2.60
Rated Power Input		W	5400	7625	7700
Rated Current		A	25.5	34.6	23.4
Starting current		A	89	0	0
Indoor fan motor	Model		YKS-230-6-18	YKS-300-6-2	YKS-300-6-2
	Capacitor	uF	/	10	10
	Speed(Hi/Mi/Lo)	r/min	/	970	970
Indoor coil	a.Number of rows		/	4	4
	b.Tube pitch(a)x row pitch(b)	mm	/	21x13.37	21x13.37
	c.Fin spacing	mm	/	1.6	1.6
	d.Fin type (code)		/	Hydrophilic aluminum	Hydrophilic aluminum
	e.Tube outside dia.and type	mm	/	Φ7,Inner groove tube	Φ7,Inner groove tube
	f.Coil length x height x width	mm	/	415*426*53.48*2	415*426*53.48*2
	g.Number of circuits		/	4	4
Indoor air flow (Hi/Mi/Lo)		m3/h	/	2600/0/0	2600/0/0
ESP	Rated	Pa	/	50	50
	Range	Pa	/	0-160	0-160
Indoor noise level (Hi/Mi/Lo)		dB(A)	/	54.8/0/0	54.3/0/0
Throttle type		/	/	Throttle valve	Throttle valve
Indoor unit	Dimension(W*D*H)	mm	/	534x534x1245	534x534x1245
	Packing (W*D*H)	mm	/	675x620x1335	675x620x1335
	Net/Gross weight	kg	/	60.8/73.7	60.8/73.7
Drainage water pipe dia		mm	ODΦ25mm	ODΦ25mm	ODΦ25mm
Qty'per 20' /40' /40'HQ		Indoor unit	88/184/275	27/57/57	27/57/57
Compressor	Model		ATH356UN-C9EU	C-SBP160H16A	C-SBP160H36A
	Type		ROTARY	SCROLL	SCROLL
	Brand		HITACHI	PANASONIC	PANASONIC
	Capacity	W	10450	15600/15800	16000/16100
	Input	W	3480	5700/5650	5400/5500
	Rated current(RLA)	A	17.0	28.5/25.8	17.6/18.1
	Locked rotor Amp(LRA)	A	89	139.0	153.0
	Thermal protector position		INTERNAL	INTERNAL	INTERNAL
	Capacitor	μF	80.0	60	/
	Refrigerant oil/oil charge	ml	α68HES-H/880	FV68S/1400	FV68S/1700
Outdoor fan motor	Model		YKS-160-6-2	YKS-230-6-3L	YKS-230-6-3L
	Input	W	300.0	318	318
	Capacitor	uF	6	12	/
	Speed	r/min	1100	1095	1095
Outdoor coil	a.Number of rows		1.0	1	1
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37	21x13.37	21x13.37
	c.Fin spacing	mm	1.3	1.3	1.3
	d.Fin type (code)		Unhydrophilic aluminium	Unhydrophilic aluminium	Unhydrophilic aluminium
	e.Tube outside dia.and type	mm	Φ7,Inner groove tube	Φ7,Inner groove tube	Φ7,Inner groove tube
	f.Coil length x height x width	mm	1588x714x13.37	2030x798x13.37	2030x798x13.37
	g.Number of circuits		5	5	5
Outdoor air flow		m3/h	4500	0	6500
Outdoor noise level		dB(A)	64.5	64.7	64.4
Outdoor unit	Dimension(W*D*H)	mm	600x600x759	710x710x843	710x710x843
	Packing (W*D*H)	mm	628x628x794	738x738x872	738x738x872
	Net/Gross weight	kg	57.8/61.4	80/85	78.2/82.8
Refrigerant type		kg	R410A/1.9	R410A/2.2	R410A/2.2
Design pressure		MPa	4.2/1.5	4.2/1.5	4.2/1.5
Refrigerant piping	Liquid side/ Gas side	mm(inch)	9.52mm(3/8in)/19mm(3/4in)	9.52mm(3/8in)/19mm(3/4in)	9.52mm(3/8in)/19mm(3/4in)
	Max. refrigerant pipe length	m	30	50	50
	Max. difference in level	m	20	30	30
Thermostat type			Wire Control	Wire Control	Wire Control
Operation temperature		°C	17~30	17~30	17~30
Room temperature	Indoor(cooling/ heating)	°C	17~ 32//	17~ 32//	17~ 32//
	Outdoor(cooling/heating)	°C	18~ 43//	18~ 43//	18~ 43//
Qty'per 20' /40' /40'HQ		Outdoor unit	54/114/171	42/96/142	42/96/142

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