

U-Match Inverter 16 SEER - Cassette

Customer Model		AUC-24UR5S	AUC-36UR5S	AUC-48UR5S	AUC-60UR5S
Indoor Model		AUC-24UR5S-IDU	AUC-36UR5S-IDU	AUC-48UR5S-IDU	AUC-60UR5S-IDU
Outdoor Model		AUC-24UR5S-ODU	AUC-36UR5S-ODU	AUC-48UR5S-ODU	AUC-60UR5S-ODU
Panel		AUC-24UR5S-DA	AUC-36UR5S-DA	AUC-48UR5S-DA	AUC-60UR5S-DA
Power supply (Indoor)		V/Ph/Hz	220-230/1/60	220-230/1/60	220-230/1/60
Power supply (Outdoor)		V/Ph/Hz	220-230/1/60	220-230/1/60	220-230/1/60
Max. input consumption		W	4100	5150	7000
Max. input current		A	18.1	22.5	30.0
Cooling (Declare value for Mexico)	Capacity	Btu/h	24000	36000	48000
	Capacity	kW	7.03	10.50	14.07
	Capacity range	kW	2.700~7.850	2.930~12.000	3.400~16.200
	Input	W	2400	4160	6200
	Current	A	10.7	18.6	27.7
	EER	W/W	2.93	2.52	2.27
Heating (Declare value for Mexico)	SEER	Btu/W	17.00	16.00	16.00
	Capacity	Btu/h	27000	39000	51000
	Capacity	kW	7.91	11.40	14.94
	Capacity range	kW	2.770~8.800	3.320~13.000	3.300~18.000
	Input	W	2350	3870	5300
	Current	A	10.5	17.3	24.4
Indoor fan motor	COP	W/W	3.37	2.95	2.82
	Model		EHD550AQH	EHD550AQH	SIC-72FW-D8124-2B
	Qty		1	1	1
	Output	W	80	80	124
	Capacitor	uF	/	/	/
	Speed(Hi/Med/Lo)	r/min	450/390/270	600/480/390	700/540/460
Indoor coil	Number of rows		2	3	3
	Tube pitch(a)*row pitch(b)	mm	21x13.6	21x13.6	21x13.6
	Fin spacing	mm	1.5	1.5	1.5
	Fin type		Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium
	Tube outside dia.and type	mm	Φ7,innergroove tube	Φ7, innergroove tube	Φ7.0, innergroove tube
	Coil (LxHxW)	mm	1870x189x27.2	1940x189x40.8	1940x252x40.8
Indoor air flow Rated(Hi/Med/Lo)	Number of circuits		4	6	6
	m ³ /h		1100/976/852	1600/1300/1000	2000/1900/1700
Indoor air flow Rated(Hi/Med/Lo)	CFM		647/574/501	941/765/588	1180/1120/1000
	Rated	Pa	NA	NA	NA
ESP	Range	Pa	NA	NA	NA
	Indoor noise level (Sound pressure) (Hi/Med/Lo)	dB(A)	43/40/36	49/45/42	52/45/41
Indoor noise level (Sound power)	dB(A)		57	61	64
			57	61	64
Indoor unit	Dimension (WxHxD)	mm	840x248x840	840x248x840	840x298x840
	Packing(WxHxD)	mm	996x370x956	996x370x956	996x420x956
	Net/Gross weight	kg	25/34	27/36	32/41
Panel	Dimension (WxHxD)	mm	950x45x950	950x45x950	950x45x950
	Packing(WxHxD)	mm	1025x120x1015	1025x120x1015	1025x120x1015
	Net/Gross weight	kg	6.5/9.5	6.5/9.5	6.5/9.5
Drainage water pipe diameter	mm		ODΦ32	ODΦ32	ODΦ32
Controller			Remote control	Remote control	Remote control
Operation temperature	°C		16~30	16~30	16~30
Qty' per 20' /40' /40'HQ (Indoor unit)	Set		60/124/140	60/124/140	50/114/128
Compressor	Model		ATF235D43UMT	ATF310D43UMT	ATH356SDPC9FL
	Type		ROTARY	ROTARY	ROTARY
	Brand		GMCC	GMCC	Highly
	Capacity	Btu/h	24361	32380	34470
	Input	W	1940	2600	3155
	Rated current(RLA)	A	8.9	5.1	13.2
Outdoor fan motor	Refrigerant oil	ml	POE VG74/670	PQE VG74/1000	α 68HES-H or equivalent /1650
	Model		SIC-61FW-F161-1	SIC-71FW-D8121-1	YDK65-6-9061& YDK65-6-9024
	Qty		1	1	2
	Output	W	61	121	121
	Capacitor	uF	/	/	/
	Speed (Hi)	r/min	880	830	810
Outdoor coil	Number of rows		2	2	2
	Tube pitch(a)* row pitch(b)	mm	21x18.19	21x21.65	21x21.65
	Fin spacing	mm	1.4	1.3	1.4
	Fin type		Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium
	Tube outside dia.and type	mm	Φ7,innergroove tube	Φ7.94, innergroove tube	Φ7.94,innergroove tube
	Coil (LxHxW)	mm	900x630x43.3	970x798x43.3	970x1344x43.3
Outdoor noise level (Sound pressure) Hi	Number of circuits		4	5	6
	dB(A)		53	56	56
Outdoor noise level (Sound power)	dB(A)		68	70	69
			68	70	69
Throttle type			EEV	EEV	EEV
Outdoor unit	Dimension(WxHxD)	mm	860x670x310	950x840x340	950x1386x340
	Packing(WxHxD)	mm	990x730x450	1110x910x460	1110x1530x460
	Net/Gross weight	kg	51/55	70/75	113/125
Refrigerant type/Quantity	Type		R-410A	R-410A	R-410A
	Charged volume	kg	1.70	2.80	3.78
Design pressure	MPa		4.15/1.6	4.15/1.6	4.15/1.6
	Liquid side/ Gas side	mm(inch)	Φ9.52/Φ15.88(3/8"/5/8")	Φ9.52/Φ19.05(3/8"/3/4")	Φ9.52/Φ19.05(3/8"/3/4")
Refrigerant piping	Max. pipe length	m	50	50	50
	Max. difference in level	m	30	30	30
Ambient temperature	Cooling	°C	18~43	18~43	18~43
	Heating	°C	-7~-24	-7~-24	-7~-24
Qty' per 20' /40' /40'HQ (Outdoor unit)	Set		90/186/186	52/106/106	26/53/53
Qty' per 20' /40' /40'HQ			29/72/73	27/60/64	17/44/46