

U-Match Inverter 16 SEER - Duct

Hisense

Customer Model		AUD-24UX5SL	AUD-36UX5SH	AUD-48UX5SH	AUD-60UX5SH	
Indoor Model		AUD-24UX5SL-IDU	AUD-36UX5SH-IDU	AUD-48UX5SH-IDU	AUD-60UX5SH-IDU	
Outdoor Model		AUD-24UX5SL-ODU	AUD-36UX5SH-ODU	AUD-48UX5SH-ODU	AUD-60UX5SH-ODU	
Power supply (Indoor)	V/Ph/Hz	220-230/1/60	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	220-230/1/60	
Max. input consumption	W	4100	5100	7000	8200	
Max. input current	A	18.1	22.5	30.0	37.3	
Cooling (Declare value for Mexico)	Capacity	Btu/h	24000	36000	48000	52000
	Capacity	kW	7.03	10.50	14.07	15.24
	Capacity range	kW	2.700~7.850	2.930~12.000	3.200~16.000	3.200~17.000
	Input	W	2500	4080	6300	8040
	Current	A	11.1	18.2	28.1	35.7
	EER	W/W	2.81	2.57	2.23	1.89
	SEER	Btu/W	17.00	16.00	16.00	15.00
Heating (Declare value for Mexico)	Capacity	Btu/h	27000	39000	55000	60000
	Capacity	kW	7.91	11.40	16.12	17.58
	Capacity range	kW	2.770~8.700	3.320~13.000	3.400~18.500	2.700~19.000
	Input	W	2450	3510	5400	6500
	Current	A	10.8	15.8	23.8	28.7
	COP	W/W	3.23	3.25	2.98	2.70
Indoor fan motor	Model	SIC-70CW-F195-1	SIC-101CW-F1250-4	SIC-101CW-F1250-4	SIC-101CW-F1250-4	
	Qty	1	1	1	1	
	Output	W	95	250	250	250
	Capacitor	uF	/	/	/	/
	Speed(Hi/Med/Lo)	r/min	890/790/690	800/700/600	1100/1000/900	1100/1000/900
	Indoor coil	Number of rows	3	3	3	3
Tube pitch(a)*row pitch(b)		mm	21x13.6	21x18.19	21x18.19	21x18.19
Fin spacing		mm	1.6	1.4	1.4	1.4
Fin type			Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium
Tube outside dia.and type		mm	Φ7,innergroove tube	Φ7, innergroove tube	Φ7.0, innergroove tube	Φ7.0, innergroove tube
Coil (LxHxW)		mm	700x294x40.8	1100x378x54.57	1100x378x54.6	1100x378x54.6
Number of circuits			4	9	9	9
Indoor air flow Rated(Hi/Med/Lo)	m ³ /h	1100/976/852	1450/1250/1050	2400/2200/1900	2400/2200/1900	
Indoor air flow Rated(Hi/Med/Lo)	CFM	647/574/501	853/735/618	1294/1206/1118	1415/1300/1124	
ESP	Rated	Pa	25	47	50	50
	Range	Pa	0~80	0~120	0~120	0~120
Indoor noise level (Sound pressure) (Hi/Med/Lo)	dB(A)	38/36/34	39/36/35	46/43/40	46/43/40	
Indoor noise level (Sound power)	dB(A)	58	62	70	72	
Indoor unit	Dimension (WxHxD)	mm	900x270 x720	1300x350x800	1300x350x800	1300x350x800
	Packing(WxHxD)	mm	1170x340x870	1550x410x940	1550x410x940	1550x410x940
	Net/Gross weight	kg	32/37	51/60	51/60	51/60
	Panel	Dimension (WxHxD)	mm	---	---	---
Packing(WxHxD)		mm	---	---	---	---
Net/Gross weight		kg	---	---	---	---
Drainage water pipe diameter		mm	ODΦ32	ODΦ32	ODΦ32	ODΦ32
Controller		Wired controller	Wired controller	Wired controller	Wired controller	
Operation temperature	°C	16~30	16~30	16~30	16~30	
Qty' per 20' /40' /40'HQ (Indoor unit)	units	84/182/182	35/75/90	35/75/90	35/75/90	
Compressor	Model	ATF235D43UMT	ATF310D43UMT	ATH356SDPC9FL	LN842FSCMC	
	Type	ROTARY	ROTARY	ROTARY	ROTARY	
	Brand	GMCC	GMCC	Highly	MITSUBISHI	
	Capacity	Btu/h	24361	32380	34470	47699
	Input	W	1940	2600	3155	4270
	Rated current(RLA)	A	8.90	5.10	13.20	12.00
	Refrigerant oil	ml	POE VG74/670	PQE VG74/1000	α 68HES-H or equivalent /1650	FV50S or PVE/1400
Outdoor fan motor	Model	SIC-61FW-F161-1	SIC-71FW-D8121-1	SIC-71FW-D8121-1&SIC-71FW-D8121-2	SIC-71FW-D8121-1&SIC-71FW-D8121-2	
	Qty	1	1	2	2	
	Output	W	61	121	121	121
	Capacitor	uF	NA	NA	NA	NA
	Speed (Hi)	r/min	880	830	810	810
	Outdoor coil	Number of rows	2	2	2	2
Tube pitch(a)* row pitch(b)		mm	21x18.19	21x21.65	21x21.65	21x21.65
Fin spacing		mm	1.4	1.3	1.4	1.4
Fin type			Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium
Tube outside dia.and type		mm	Φ7,innergroove tube	Φ7.94, innergroove tube	Φ7.94,innergroove tube	Φ7.94,innergroove tube
Coil (LxHxW)		mm	900x630x43.3	970x798x43.3	970x1344x43.3	970x1344x43.3
Number of circuits			4	5	12	12
Outdoor noise level (Sound pressure)	dB(A)	53	56	56	57	
Outdoor noise level (Sound power)	dB(A)	68	70	74	76	
Throttle type		EEV	EEV	EEV	EEV	
Outdoor unit	Dimension(WxHxD)	mm	860x670x310	950x840x340	950x1386x340	950x1386x340
	Packing(WxHxD)	mm	990x730x450	1110x910x460	1110x1530x460	1110x1530x460
	Net/Gross weight	kg	51/55	70/75	113/125	117/129
Refrigerant type/Quantity	Type	R-410A	R-410A	R-410A	R-410A	
	Charged volume	kg	1.7	2.8	3.78	3.95
Design pressure	(Hi/Lo) MPa	4.15/1.60	4.15/1.60	4.15/1.60	4.15/1.60	
Refrigerant piping	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")	Φ9.52/Φ19.05(3/8"/3/4")
	Max. pipe length	m	50	50	50	50
	Max. difference in level	m	30	30	30	30
Ambient temperature	Cooling	°C	18~43	18~43	18~43	18~43
	Heating	°C	-7~24	-7~24	-7~24	-7~24
Qty' per 20' /40' /40'HQ (Outdoor unit)	units	90/186/186	52/106/106	26/53/53	26/53/53	
Qty' per 20' /40' /40'HQ	Sets	43/90/98	22/49/56	19/39/42	19/39/42	