

# Hisense



## R32 CEILING CASSETTE INVERTER AIR CONDITIONER SPECIFICATIONS

Model Name		AUC-24TR4RJA	AUC-36TR4RKA	AUC-48TR6RNKA	AUC-60TR6RNKA	
Indoor model		AUC-24TR4RJA	AUC-36TR4RKA	AUC-48TR4RKA	AUC-60TR4RKA	
Outdoor model		AUW-24T4RJ	AUW-36T4RK	AUW-48T6RN	AUW-60T6RN	
Power supply (Indoor)	V/Ph/Hz	220/1/50	220/1/50	220/1/50	220/1/50	
Power supply (Outdoor)	V/Ph/Hz	220/1/50	220/1/50	380/3/50	380/3/50	
Max. input consumption	W	3200	4300	6600	7200	
Max. input current	A	14.2	19.0	12	13.0	
Cooling	Capacity	Btu/h	26000	36000	48000	60000
	Capacity	W	7600	10500	14000	17000
	Capacity range	W	2500-8000	3600-11500	4400-16000	4500-18100
	Input Power	W	2000	3030	4900	6800
	Input Power range	W	520-2850	800-4000	1000-6300	1050-6350
	Current	A	8.9	13.4	8.6	11.6
	EER	W/W	3.80	3.46	2.86	2.50
	SEER		20.10	16.82	14.00	13.00
Star	/	No.5 ★★	No.5 ★	/	/	
Indoor fan motor	Model	SIC-76FX-F181-1	SIC-76FX-F1101-1	SIC-76FX-F1101-1	SIC-76FX-F1101-1	
	Qty	1	1	1	1	
	Intput	W	81	101	101	101
	Capacitor	uF	/	/	/	/
	Speed(Hi/Med/Lo)	r/min	550/470/400	660/560/480	720/640/570	720/640/570
Indoor coil	Number of rows	2	3	3	3	
	Tube pitch(a)*row pitch(b)	mm	21×13.6	21×13.6	21×13.6	
	Fin spacing	mm	1.5	1.5	1.5	
	Fin type		Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium

	Tube outside dia.and type	mm	Φ7, innergroove tube	Φ7, innergroove tube	Φ7, innergroove tube	Φ7, innergroove tube
	Coil (LxHxW)	mm	2106×189×27.2	2096×231×40.8	2096×231×40.8	2096×231×40.8
	Number of circuits		4	5	5	5
	Indoor air flow Rated(Hi/Med/Lo)	m <sup>3</sup> /h	1350/1150/1050	1650/1450/1200	2000/1750/1550	2000/1750/1550
	Indoor air flow Rated(Hi/Med/Lo)	CFM	794/676/618	970/853/706	1170/1030/910	1170/1030/910
	Indoor noise level Rated (Sound pressure)	dB(A)	44/40/35	50/47/43	52/50/48	52/50/48
Indoor unit	Dimension (WxHxD)	mm	840×236×840	840×272×840	840×272×840	840×272×840
	Packing(LxHxW)	mm	950×950×320	950×950×360	950×950×360	950×950×360
	Net/Gross weight	kg	23/28	26/32	26/32	26/32
Panel	Dimension (WxHxD)	mm	950×50×950	950×50×950	950×50×950	950×50×950
	Packing(LxHxW)	mm	1020×1000×105	1020×1000×105	1020×1000×105	1020×1000×105
	Net/Gross weight	kg	6.5/9	6.5/9	6.5/9	6.5/9
	Drainage water pipe diameter	mm	ODΦ32	ODΦ32	ODΦ32	ODΦ32
	Controller		J1-06 (E) L1-12 (E)	J1-06 (E) L1-12 (E)	J1-06 (E) L1-12 (E)	J1-06 (E) L1-12 (E)
	Operation temperature	°C	16~30	16~30	16~30	16~30
	Qty' per 20' /40' /40'HQ (Indoor unit)	Set	70/140/155	60/120/140	72/144/168	72/144/168
Compressor	Model		KTN150D42UFZ	KTF310D43UMT	KFT400D64UMT	KFT400D64UMT
	Type		ROTARY	ROTARY	ROTARY	ROTARY
	Brand		GMCC	GMCC	GMCC	GMCC
	Capacity	Btu/h	15968	34163	34470	34470
	Input	W	1185	2765	3155	3155
	Rated current(RLA)	A	7.7	5.38	13	13
	Refrigerant oil	ml	ESTER OIL VG74 450	POE VG74 1000	POE VG74 1000ML	POE VG74 1000ML
Outdoor fan motor	Model		ZW511A800002	ZKFN-102-8-1	ZW511A800002	ZW511A800002
	Qty		1	1	2	2
	Output	W	60	102	60	60
	Capacitor	μF	/	/	/	/
	Speed (Hi)	r/min	880	920	880	880
Outdoor coil	Number of rows		2	2	2	2
	Tube pitch(a)* row pitch(b)	mm	21×18.19	21×21.65	21*21.65	21*21.65
	Fin spacing	mm	1.6	1.5	2	2
	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	900×630×36.38	975×714×43.3	894x1134x43	894x1134x43
	Number of circuits		2	5	6	6
	Outdoor noise level Rated (Sound pressure) Hi	dB(A)	53	58	56	56
	Throttle type		EEV	EEV	EEV	EEV
Outdoor unit	Dimension(WxHxD)	mm	860×670×310	900×750×340	900×1170×320	900×1170×320
	Packing(WxHxD)	mm	990×730×450	1060×820×450	970×1300×430	970×1300×430
	Net/Gross weight	kg	44/48	55/59	105/115	105/115
Refrigerant type/Quantity	Type		R32	R32	R32	R32
	Charged volume	kg	1.20	1.80	2.47	2.47

Design pressure		MPa	4.3/1.6	4.3/1.6	4.3/1.6	4.3/1.6
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ9.52/Φ15.88(3/8'/5/8')	Φ9.52/Φ15.88(3/8'/5/8')	Φ9.52/Φ15.88(3/8"/5/8")	Φ9.52/Φ15.88(3/8"/5/8")
	Max. pipe length	m	50	50	50	50
	Max. difference in level	m	30	30	30	30
Ambient	Cooling	°C	-7 ~ 48	-7 ~ 48	-7 ~ 48	-7 ~ 48
Qty' per 20' /40' /40'HQ (Outdoor unit)		Set	90/186/186	54/110/165	31/63/126	31/63/126
Qty' per 20' /40' /40'HQ		Set	40/82/88	34/73/78	26/58/66	26/58/66