

# LCAC

# DUCT TYPE

## NON INVERTER



Remarks:

The design and specifications are subject to change without prior notice for product improvement.

The values given in the table for noise level reflect the levels in anechoic chamber.

Model Number			AUD-09HX4SVNL	AUD-12HX4SVNL	AUD-18HX4SSNL1	AUD-24HX4SFLH1	AUD-36HX4SDHH2
Indoor model			AUD-09HX4SNL	AUD-12HX4SNL	AUD-18HX4SNL1	AUD-24HX4SLH1	AUD-36HX4SHH2
Outdoor model			AUW-09H4SV	AUW-12H4SV	AUW-18H4SS	AUW-24H4SF	AUW-36H4SD
Power supply	(Indoor)	V-ph-Hz	220~240-1-50	220~240-1-50	220~240-1-50	220~240-1-50	220~240-1-50
Power supply	(Outdoor)	V-ph-Hz	220~240-1-50	220~240-1-50	220~240-1-50	220~240-1-50	220~240-1-50
Cooling	Capacity	W	3000	3516	5000	7050	9850
	Input	W	1080	1116	1720	2340	3070
	Current	A	5,1	5,1	7,5	10,2	14,8
Heating	Capacity	W	3100	3692	5700	8000	10000
	Input	W	1065	1022	1670	2215	2770
	Current	A	4,8	4,8	7,3	9,6	13,8
Indoor air flow Rated(Hi/Med/Lo)		m <sup>3</sup> /h	650/470/450	650/470/450	750/670/630	1250/1000/900	1800/1650/1500
Indoor air flow Rated(CFM)		CFM	382/276/265	382/276/265	441/394/371	735/588/529	1059/971/882
ESP	Rated	Pa	10	10	10	50	50
	Range	Pa	10/30	10/30	10/30	50/80	50/80
Indoor noise level (Hi/Med/Lo)		dB(A)	34/29/28	34/31/29	38/36/35	42/40/38	40/38/37
Indoor unit	Dimension (WxHxD)	mm	900×190×447	900×190×447	900×190×447	900×270 ×720	1300×350×800
	Packing(WxHxD)	mm	1070X236X580	1070X236X580	1070×236×580	1170×340×870	1550×410×940
	Net/Gross weight	kg	19/25	19/25	19/25	30/35	54/62
Design pressure (H/L)		MPa	4.15/1.6	4.15/1.6	4.8/1.6	4.8/1.6	4.4/1.6
Drainage water pipe diameter		mm	DØ32	DØ32	DØ32	DØ32	DØ32
Refrigerant piping	Liquid side/ Gas side	mm	Ø6.35/Ø12.7(1/4'/1/2')	Ø6.35/ Ø12.7(1/4'/1/2')	Ø6.35/ Ø12.7(1/4'/1/2')	Ø9.52/ Ø15.88(3/8'/5/8')	Ø9.52/Ø19(3/8'/3/4')
	Outdoor noise level (sound pressure)	dB(A)	55	55	54	56	62
Outdoor unit	Dimension (WxHxD)	mm	715×482×240	715×482×240	810×280×585	860×665×310	885×795×366
	Packing(WxHxD)	mm	830×530×315	830×530×315	940×420×640	990×730×450	1050×890×500
	Net/Gross weight	kg	28/30	28/30	42/45	51/56	65/69
Refrigerant type/ Quantity	Type		R410A	R410A	R410A	R410A	R410A
	Charged volume	kg	0,85	0,85	1,30	1,58	2,15
Design pressure (H/L)		MPa	4.15/1.6	4.15/1.6	4.8/1.6	4.8/1.6	4.4/1.6
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Ø6.35/Ø12.7(1/4'/1/2')	Ø6.35/ Ø12.7(1/4'/1/2')	Ø6.35/ Ø12.7(1/4'/1/2')	Ø9.52/ Ø15.88(3/8'/5/8')	Ø9.52/ Ø19.05(3/8'/3/4')
	Max. pipe length	m	15	15	20	30	30
	Max. difference in level	m	7,5	7,5	15	15	20
Ambient temperature	Cooling	°C	-15~43	-15~43	-15~43	-15~43	-15~43
	Heating	°C	-10~24	-10~24	-10~24	-10~24	-10~24
Qty'per 20' /40' /40'HQ		Indoor+Outdoor	100/218/243	100/218/243	66/135/174	40/80/88	21/44/52

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Model Number			AUD-36HX6SDHH1	AUD-48HX6SEHH1	AUD-60HX6SPHH1
Indoor model			AUD-36HX4SHH1	AUD-48HX4SHH	AUD-60HX4SHH
Outdoor model			AUW-36H6SD	AUW-48H6SE1	AUW-60H6SP1
Power supply	(Indoor)	V-ph-Hz	220~240-1-50	220~240-1-50	220~240-1-50
Power supply	(Outdoor)	V-ph-Hz	380-415-3-50	380-415-3-50	380-415-3-50
Cooling	Capacity	W	10550	14000	16000
	Input	W	3505	4651	5694
	Current	A	6,9	8.8	10
Heating	Capacity	W	11250	15000	17500
	Input	W	3100	4532	5814
	Current	A	6,6	8.6	10.3
Indoor air flow Rated(Hi/Med/Lo)		m3/h	1800/1650/1500	2000/1800/1600	2000/1800/1600
Indoor air flow Rated(CFM)		CFM	1059/971/882	1176/1058/941	1176/1058/941
ESP	Rated	Pa	50	80	80
	Range	Pa	50/80	80/120	80/120
Indoor noise level (Hi/Med/Lo)		dB(A)	40/38/37	46/44/42	46/44/42
Indoor unit	Dimension (WxHxD)	mm	1300×350×800	1300×350×800	1300×350×800
	Packing(WxHxD)	mm	1550×410×940	1550×410×940	1550×410×940
	Net/Gross weight	kg	54/62	54/62	54/62
Design pressure (H/L)		MPa	4.8/1.6	4.15/1.5	4.15/1.5
Drainage water pipe diameter		mm	DΦ32	DΦ32	DΦ32
Refrigerant piping	Liquid side/ Gas side	mm	Φ9.52/Φ19(3/8'/3/4')	Φ9.52/Φ19(3/8'/3/4')	Φ9.52/Φ19(3/8'/3/4')
Outdoor noise level (sound pressure)		dB(A)	62	55	58
Outdoor unit	Dimension (WxHxD)	mm	885×795×366	950×1050×340	950×1386×340
	Packing(WxHxD)	mm	1050×890×500	1110×1200×460	1110×1530×460
	Net/Gross weight	kg	67/71	96/103	106/116
Refrigerant type/ Quantity	Type		R410A	R410A	R410A
	Charged volume	kg	2,40	2,60	3,10
Design pressure (H/L)		MPa	4.8/1.6	4.15/1.5	4.15/1.5
Refrigerant piping	Liquid side/ Gas side	mm(inch)	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	30	50	50
	Max. difference in level	m	20	30	30
Ambient temperature	Cooling	°C	-15~43	-15~43	-15~43
	Heating	°C	-10~24	-10~24	-10~24
Qty'per 20' /40' /40'HQ		Indoor+Outdoor	21/44/52	19/38/48	19/38/40

# FEATURES



## 18k

New design of the vortex fan.



## 24k/ 36k/ 48k/ 60k

The new vortex fan optimizes the air tunnel to lower noise and provide smoother air flow.

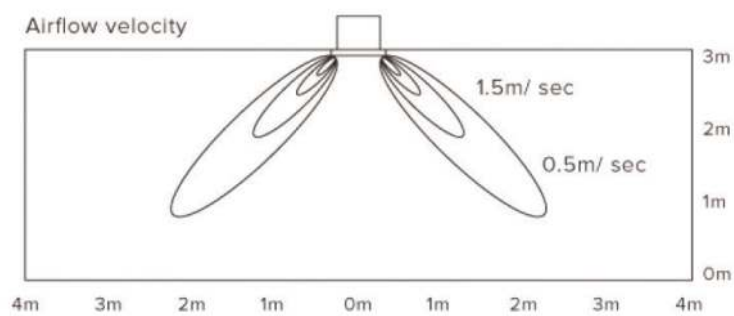


## DC Fan Motor

241</ 361</ 481</ 60k: The DC Fan Motor gives you high efficiency and energy savings.

Low Noise: AC motors will produce low frequency noise during operation, but the DC motor eliminates this altogether.

Stable operation.



## Temperature Compensation of Cassette

For cassette type heating modes, most people don't always feel warm enough because the hot air stays at the top level. Hisense Cassette brings 4 level temperature compensation through a DIP switch.