

# Aren

Air Conditioning Systems

## Inverter Ducted Split



داکت اسپلیت اینورتر

## داکت اسپلیت اینورتر

- ◀ ظرفیت برودتی از ۱۸۰۰۰ تا ۶۰۰۰۰ بی تی یو بر ساعت (۱/۵ تا ۵ تن تبرید)
- ◀ گاز مبرد R410A
- ◀ مجهز به کمپرسور اینورتر
- ◀ دارای کندانسور با فن بغل زن
- ◀ طول لوله‌کشی مسی مجاز تا ۵۰ متر (۳۰ متر عمودی)
- ◀ تحمل افت فشار استاتیکی هواساز تا ۱۶۰ پاسکال
- ◀ ارتفاع هواساز ۲۵ سانتی‌متر
- ◀ دارای هواساز با الکتروموتور ۳ سرعته
- ◀ دارای فیلتر قابل شستشو



Model	Indoor		ADS-18T1P1A	ADS-24T1P1A	ADS-30T1P1A
	Outdoor		ADS-18T1P1A (U)	ADS-24T1P1A (U)	ADS-30T1P1A (U)
Power Supply	V/Ph/Hz		220-240/1/50	220-240/1/50	220-240/1/50
Cooling	Capacity	Btu/h	18000	24000	32000
		kW	5.00 (1.53-5.60)	7.03 (2.16-7.92)	9.37 (3.30-8.40)
	Power Input	kW	1.62 (0.47-2.30)	2.20 (0.67-2.88)	2.75 (0.81-2.95)
	Current	A	7.11 (2.25-10.10)	9.55 (3.21-13.78)	11.96 (3.52-12.83)
Heating	Capacity	Btu/h	19100	27000	40000
		kW	5.60 (1.40-6.20)	7.91 (1.98-8.69)	11.7 (2.70-9.60)
	Power Input	kW	1.47 (0.46-2.25)	2.35 (0.65-2.81)	3.2 (0.70-2.98)
	Current	A	6.46 (2.20-9.88)	10.24 (3.11-13.44)	13.91 (3.04-12.96)
Indoor Performance	Air Flow Volume	m <sup>3</sup> /h	1150/960/840	1300/1090/880	1500/1350/1200
		cfm	700/580/500	800/650/530	900/800/720
	Noise Level	dB (A)	42/40/37	44/41/39	46/43/41
	ESP	Pa	0-50	0-160	0-160
Outdoor Performance	Air Flow Volume	m <sup>3</sup> /h	2600	3750	2060
		cfm	1530	2200	1240
	Noise Level	dB (A)	55	58	58
	EER	W/W	3.1	3.2	3.4
	COP	W/W	3.8	3.4	3.66
Indoor Dimension (W×D×H)	Net	mm	890×785×290	1000×700×245	1000×700×245
	Packing	mm	1100×870×360	1230×830×300	1230×830×300
Outdoor Dimension (W×D×H)	Net	mm	800×286×530	900×350×700	900×350×700
	Packing	mm	920×400×620	1020×430×770	1020×430×770
Indoor Weight	Net/Gross	kg	34/40	32/38	31/37
Outdoor Weight	Net/Gross	kg	40/44	53/58	51/55
Indoor Piping Size	Drain	mm (inch)	DN20 (R3/4)	DN20 (R3/4)	DN20 (R3/4)
Outdoor Piping Size	Liquid Side	mm (inch)	6.35 (1/4)	9.52 (3/8)	9.52 (3/8)
	Gas Side	mm (inch)	12.7 (1/2)	15.88 (5/8)	15.88 (5/8)
	Max. Length	m	30	30	30
	Max. Height	m	20	25	25

## Features



### Washable Filter

The indoor unit filter can be taken off to wash easily and it keeps cleaning air all the time.



### Wired Control

Help users to control the air conditioner easily, the wired controller can be fixed on the wall and avoid mislaying.



### Low Ambient Cooling

With special designed PCB, outdoor fan speed can be changed automatically according to condensation temperature.



### Silent

Indoor fan will run at super breeze speed and indoor noise level can be extremely low when the unit enters silent mode operation.



### Fast Cooling /Heating

Startup at high frequency increases cooling/heating capacity and reduces time to reach set temperature, thus you can enjoy cooling and heating in seconds.



### Compressor Heating Belt

Auxiliary heating belt can increase compressor oil temperature in winter and prevent defrosting water accumulated, which improves heat transfer efficiency.

Model	Indoor		ADS-36T1P1A	ADS-48T1P3A	ADS-60T1P3A
	Outdoor		ADS-36T1P1A (U)	ADS-48T1P3A (U)	ADS-60T1P3A (U)
Power Supply	V/Ph/Hz		220~240/1/50	380~415/3/50	380~415/3/50
Cooling	Capacity	Btu/h	36000	48000	55000
		kW	10.55 (3.00~11.00)	14.06 (4.20~15.12)	16.12 (4.80~17.30)
	Power Input	kW	3.30 (0.93~4.01)	5.02 (1.29~7.50)	5.97 (1.49~6.85)
	Current	A	14.33 (4.45~19.19)	9.00 (2.27~12.00)	10.80 (2.57~12.50)
Heating	Capacity	Btu/h	40000	52000	63500
		kW	11.7 (3.45~13.23)	15.24 (4.60~17.50)	18.61 (4.90~19.80)
	Power Input	kW	3.50 (0.95~4.12)	4.57 (0.92~5.66)	4.96 (0.98~6.00)
	Current	A	15.22 (4.55~19.71)	8.90 (2.23~11.50)	11.00 (2.54~12.00)
Indoor Performance	Air Flow Volume	m <sup>3</sup> /h	1500/1300/1100	1900/1600/1400	2030/1880/1670
		cfm	900/780/660	1150/950/850	1220/1130/1000
	Noise Level	dB (A)	46/44/41	53/50/44	53/50/44
	ESP	Pa	0-160	0~120	0~120
Outdoor Performance	Air Flow Volume	m <sup>3</sup> /h	2470	7000	7000
		cfm	1480	4200	4200
	Noise Level	dB (A)	59	60	60
	EER	W/W	3.2	2.8	2.7
	COP	W/W	3.34	3.33	3.06
Indoor Dimension (W×D×H)	Net	mm	1000×700×245	1400×700×245	1400×700×245
	Packing	mm	1230×830×300	1630×830×300	1630×830×300
Outdoor Dimension (W×D×H)	Net	mm	900×350×700	940×370×1325	940×370×1325
	Packing	mm	1020×430×770	1080×430×1440	1080×430×1440
Indoor Weight	Net/Gross	kg	32/38	47/54	47/54
Outdoor Weight	Net/Gross	kg	66/70	90/100	90/100
Indoor Piping Size	Drain	mm (inch)	DN20 (R3/4)	DN20 (R3/4)	DN20 (R3/4)
Outdoor Piping Size	Liquid Side	mm (inch)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)
	Gas Side	mm (inch)	15.88 (5/8)	19.05 (3/4)	19.05 (3/4)
	Max. Length	m	30	50	50
	Max. Height	m	25	30	30

نگاه نو، نفس تازه ...!

شرکت آرشه کار

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تلفن تماس: ۰۲۱ - ۸۸ ۱۴ ۱۶ ۱۶

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