



Up to 15.2 SEER2 Rating

SINGLE-ZONE A-COIL SYSTEM



Out-of-the-Box

*With Product
Registration*





24V Wall Thermostat may be purchased separately



SINGLE-ZONE ENCASED A-COIL SYSTEM

Indoor Model		AB-ACL18-24B
Outdoor Model		AB-SD18HI-230VO
Power Supply (Indoor)		V-Hz24~60
Power Supply (Outdoor)		V-Ph-Hz208~230-1-60
Communication		V24
Cooling	Rated Capacity	Btu/h18,000
	Capacity Min-Max	5,350~20,000
	EER2	Btu/h11.2
	SEER2	Btu/h15.2
Heating at 47°F	Rated Capacity	Btu/h18,000
	Capacity Min-Max	5,600~19,000
	HSPF2	Btu/h8.0
	COP	W/W3.5
Indoor air flow (Turbo/Hi/Mi/Lo)		CFM700
Indoor Unit	Dimensions (WxDxH)	in17.5x21x18
	Packing (WxDxH)	in21.3x27.4x20.3
	Net/Gross Weight	lbs.42 / 50
Ambient Temperature Range	Cooling	°F60~90
	Heating	60~90
Minimum Circuit Ampacity (Outdoor)		A16
Max Fuse (Outdoor)		A20
Compressor	Type	ROTARY
	Rated current(RLA)	A7
	Cpacity	W4370
Outdoor Unit	Dimensions (WxDxH)	in36.03 × 25.59 × 13.58
	Packing (WxDxH)	in40.16 × 28.94 × 17.13
	Net/Gross Weight	lbs.84 / 92
Refrigerant System	Type	R32
	Pre-charge	oz56.44
	Add'l Charge per ft.	0.5
	Liquid Side / Gas Side	in3/8 - 3/4
	Max. Refrigerant Pipe Length	ft.98
	Max. Different Level	ft.66
Outdoor Air Flow		CFM2000.0
Outdoor Noise Level (High)		dB(A)54.0
Ambient Temperature Range	Cooling	°F5~131
	Heating	-4~75

Cross compatible with any
3rd party 24V unit

A-Coil:



AB-ACL18-24B	AB-ACL30-36B	AB-ACL30-36C	AB-ACL48-60C	AB-ACL48-60D	AB-ACL48-60C	AB-ACL48-60D
AB-SD24HI-230VO	AB-SD36HI-230VO	AB-SD36HI-230VO	AB-SD48HI-230VO	AB-SD48HI-230VO	AB-SD60HI-230VO	AB-SD60HI-230VO
24~60	24~60	24~60	24~60	24~60	24~60	24~60
208~230-1-60	208~230-1-60	208~230-1-60	208~230-1-60	208~230-1-60	208~230-1-60	208~230-1-60
24	24	24	24	24	24	24
24,000	34,200	34,200	46,00	46,000	51,000	51,000
7,200~27000	8,300~38,000	8,300~38,000	16,000~48,000	16,000~48,000	21,000~55,000	21,000~55,000
10.8	10.2	10.2	8.4	8.4	7.8	7.8
14.5	14.3	14.3	14.5	14.5	14.3	14.3
24,000	35,000	35,000	46,000	46,000	54,000	54,000
7,100~27,000	6,700~38,000	6,700~38,000	15,000~49,000	15,000~49,000	26,000~55,000	26,000~55,000
7.8	7.5	7.5	7.8	7.8	7.5	7.5
3.2	3.1	3.1	3.2	3.2	3	3
800	800	850	950	1050	950	1050
17.5x21x18	17.5x21x23.5	21x21x23.5	21x21x27.8	24.5x21x27.8	21x21x27.8	24.5x21x27.8
21.3x27.4x20.3	21.3x27.4x26	24.8x27.4x25.8	24.8x27.4x30.3	28.3x27.4x30.3	24.8x27.4x30.3	28.3x27.4x30.3
42 / 50	59.5 / 68	64 / 74	81 / 92	97 / 115	81 / 92	97 / 115
60~90	60~90	60~90	60~90	60~90	60~90	60~90
60~90	60~90	60~90	60~90	60~90	60~90	60~90
20	25	25	37	37	42	42
25	30	30	40	40	50	50
ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
9	9	9	5	5	5	5
7715	7715	7715	9765	9765	9765	9765
36.03 × 25.59 × 13.58	37.98 × 31.89 × 15.75	37.98 × 31.89 × 15.75	37.98 × 31.89 × 15.75	37.98 × 31.89 × 15.75	37.98 × 31.89 × 15.75	37.98 × 31.89 × 15.75
40.16 × 28.94 × 17.13	42.13 × 34.64 × 20.67	42.13 × 34.64 × 20.67	42.13 × 34.64 × 20.67	42.13 × 34.64 × 20.67	42.13 × 34.64 × 20.67	42.13 × 34.64 × 20.67
84 / 92	132 / 140	132 / 140	152 / 160	152 / 160	152 / 160	152 / 160
R32	R32	R32	R32	R32	R32	R32
58.2	84.66	84.66	105.82	105.82	105.82	105.82
0.5	0.5	0.5	0.5	0.5	0.5	0.5
3/8 - 3/4	3/8 - 3/4	3/8 - 3/4	3/8 - 3/4	3/8 - 3/4	3/8 - 3/4	3/8 - 3/4
164	246	246	246	246	246	246
82	98	98	98	98	98.4	98.4
2000.0	2650.0	2650.0	2650.0	2650.0	2950.0	2950.0
55.0	56.0	56.0	56.0	56.0	60.0	60.0
5~131	5~131	5~131	5~131	5~131	5~131	5~131
-4~75	-4~75	-4~75	-4~75	-4~75	-4~75	-4~75

Features:

- Environmentally friendly R32 refrigerant
- AHRI and ETL listed
- Compatible with 3rd party 24V Wall Thermostat
- 4-position flexible installation
- GoldFin A-Coil
- Cross compatible with any 3rd party 24V unit



Proud Sponsor



STRENGTHENING EVERY **CONNECTION** IN HVAC



For Technical Support, reach out to our team Monday through Friday at 1-888-293-9252.
For General Inquiries, call 1-800-910-7349 or write to us at: info@armbridge.us



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