



Up to 20.0 SEER2 Rating

SINGLE-ZONE CEILING CASSETTE



Out-of-the-Box

With Product
Registration





SINGLE-ZONE CEILING CASSETTE

MINI SPLIT HEAT PUMP SYSTEM



16' Line Set and Drain Lines,
21' Communication Cable Included

Features:

- 360° Air Flow
- Built-In Condensate Lift Pump
- Low-Profile Ceiling Design
- Fresh Air Knockout
- Whisper-Quiet Operation
- High-efficiency Inverter Technology for consistent comfort and energy savings
- Uses environmentally friendly R32 refrigerant for improved performance
- AHRI and ETL listed
- Wide operating range for reliable heating and cooling performance
- Advanced airflow control for even temperature distribution
- Smart Sync Built-In
- **16' Line Set and Drain Lines, 21' Communication Cable Included**



(Panel Sold Separately)

AB-PNL09-18CT
25.59×25.59×1.18 in.
Panel Net Weight: 6.0 lb

AB-PNL24CT
37.4×37.4×1.3 in.
Panel Net Weight: 13.2 lb

Ceiling Cassette: 360° Airflow



Wall Thermostat included with
Ceiling Cassette Unit



Indoor

Indoor Model			AB-TS09CT-230VI	AB-TS12CT-230VI	AB-TS18CT-230VI	AB-TS24CT-230VI
Panel Model Number (Sold Separately)			AB-PNL09-18CT	AB-PNL09-18CT	AB-PNL09-18CT	AB-PNL24CT
Power Supply		V-Ph-Hz	208~230-1-60	208~230-1-60	208~230-1-60	208~230-1-60
Cooling	Capacity	Btu/h	9,000	12,000	18,000	24,000
	Capacity	Btu/h	9,000	12,000	18,500	24,000
Indoor Air Flow (Turbo/Hi/Mi/Lo/Si)		CFM	329/300/270/217/194	360/320/260/200/190	441/394/335/282/253	836/765/630/530/482
Indoor Noise Level (Turbo/Hi/Mi/Lo/Si)		dB(A)	43/41/37/33/32	45/43/39/35/32	48/46/42/39/37	51/48/44/40/37
Indoor Unit	Dimensions (WxDxH)	in	22.44×22.44×10.24	22.44×22.44×10.24	22.44×22.44×10.24	32.99×32.99×10
	Packing (WxDxH)	in	28.27×25.87×11.85	28.27×25.87×11.85	28.27×25.87×11.85	36.81×36.81×11.42
	Net / Gross Weight	lbs.	31.9 / 38.6	31.9 / 38.6	31.9 / 38.6	51.8 / 59.5
Panel	Dimensions (WxDxH)	in	25.59×25.59×1.18	25.59×25.59×1.18	25.59×25.59×1.18	37.4×37.4×1.3
	Packing (WxDxH)	in	28.94×28.94×4.33	28.94×28.94×4.33	28.94×28.94×4.33	41.54×41.54×3.54
	Net / Gross Weight	lbs.	6.0 / 9.5	6.0 / 9.5	6.0 / 9.5	13.2 / 19.8
Refrigerant Piping		Liquid Side / Gas Side	1/4" / 3/8"	1/4" / 3/8"	1/4" / 3/8"	1/4" / 1/2"
Ambient Temperature Range	Cooling	°F	62~89	62~89	62~89	62~89
	Heating	°F	32~86	32~86	32~86	32~86

Outdoor

Outdoor Model			AB-TS09LS-230VO	AB-TS12LS-230VO	AB-TS18LS-230VO	AB-TS24LS-230VO
Power Supply		V-Ph-Hz	208~230-1-60	208~230-1-60	208~230-1-60	208~230-1-60
Cooling	Capacity Min ~ Max	Btu/h	2000~10400	2000~13600	6000~19400	7550~25200
	Rated Current	A	3.3	4.3	5.9	8.7
	EER2		11.0	9.5	9.5	9.5
	SEER2		20.0	20.0	20.0	20.0
Heating	Capacity Min ~ Max	Btu/h	2500~12500	3100~12700	4000~21400	8700~28300
	Rated Current	A	3.1	4.2	7.1	8.5
	COP	W/W	3.8	3.5	2.9	3.5
	HSPF4		9.5	9.5	9.5	9.5
	HSPF5		9.0	8.9	7.4	9.4
Min. Circuit Ampacity		A	10	11	12	17
Max Fuse		A	15	15	20	25
Outdoor Noise Level		dB(A)	53	55	55	60
Outdoor Unit	Dimensions (WxDxH)	in	30.98×11.42×19.61	31.5×12.01×21.69	33.54×13.74×23.7	36.1×14.76×27.56
	Packing (WxDxH)	in	32.2×12.8×20.28	32.87×13.39×23.03	35.04×15.16×24.72	37.4×16.54×28.82
	Net / Gross Weight	lbs.	50.7 / 57.3	51.8 / 58.4	66.8 / 74.5	88.2 / 97.0
Refrigerant Type / Pre-charge		oz	R32 / 21.16	R32 / 20.46	R32 / 37.74	R32 / 42.33
Refrigerant Pre-charge Length		ft.	25	25	25	25
Additional refrigerant charge >25ft.		oz/ft.	0.11	0.11	0.11	0.11
Refrigerant Piping		Liquid Side / Gas Side	1/4" / 3/8"	1/4" / 3/8"	1/4" / 3/8"	1/4" / 1/2"
Maximum Line Length		ft.	49	49	65	65
Max Height Diff Between Indoor and Outdoor		ft.	33	33	49	49
Ambient Temperature Range	Cooling	°F	5~127	5~127	5~127	5~127
	Heating	°F	-4~75	-4~75	-4~75	-4~75



Proud Sponsor



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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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