



Up to 20.0 SEER2 Rating

SINGLE-ZONE SLIM DUCT



Out-of-the-Box

*With Product
Registration*





SINGLE-ZONE SLIM DUCT

MINI SPLIT HEAT PUMP SYSTEM



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



Features:

- Ultra-Thin Ducted Design
- Quiet, Comfortable Operation
- Built-In Condensate Lift Pump
- Fresh Air Intake Support
- 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**

Slim Duct:



Wall Thermostat included with
Ceiling Cassette Unit



Indoor

Indoor Model			AB-TS09DT-230VI	AB-TS12DT-230VI	AB-TS18DT-230VI	AB-TS24DT-230VI
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
Heating	Capacity	Btu/h	10,000	12,000	18,500	24,000
Indoor Air Flow (Turbo/Hi/Mi/Lo/Si)		CFM	335/305/276/182/182	360/330/270/217/194	500/426/370/300/283	741/623/558/529/470
Indoor Noise Level (Turbo/Hi/Mi/Lo/Si)		dB(A)	42/39/34/28/28	42/39/34/28/28	48/44/41/36/33	51/49/46/39/34
Indoor Unit	Dimensions (WxDxH)	in	27.56×17.8×7.87	27.56×17.8×7.87	36.22×17.8×7.87	43.31×17.8×7.87
	Packing (WxDxH)	in	35.43×21.85×9.84	35.43×21.85×9.84	44.09×21.85×9.84	50.79×22.24×9.65
	Net / Gross Weight	lbs.	33.1 / 39.7	33.1 / 39.7	39.7 / 47.4	50.7 / 58.4
Refrigerant Piping	Liquid Side / Gas Side	in	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		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	2000~12300	6000~19400	7550~24600
	Rated Current	A	3.2	4.1	6.3	8.1
	EER2		11.0	9.5	9.5	9.5
	SEER2		20.0	20.0	20.0	20.0
Heating	Capacity Min ~ Max	Btu/h	2500~12300	3100~12300	4000~21400	8700~28500
	Rated Current	A	3.5	4.5	7.8	8.8
	COP	W/W	3.8	3.5	2.9	3.5
	HSPF4		9.5	9.5	9.5	9.5
	HSPF5		8.8	7.3	9.2	8.8
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	in	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		-4~75	-4~75	-4~75	-4~75



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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