



Split Type Mini Air Cooled Chiller (50Hz, T1 condition) Specifications

Model			APLB-D10/N1	APLB-D12/N1		
Power supply		V/Ph/Hz	220-240/1/50	220-240/1/50		
Cooling	Capacity	W	10500	12000		
	Input	W	3912	3978		
Heating	Capacity	W	13000	14000		
	Input	W	4216	4260		
Max. input consumption		W	6150	6200		
Max. input current		A	29.2	29.4		
Refrigerant	Type		R410A	R410A		
	Weight	kg	2.7	3.6		
Throttle type			Capillary	Capillary		
Outdoor units	Compressor	Type	Digital Scroll	Digital Scroll		
		Brand	Copeland	Copeland		
		Number of compressor	1	1		
		Thermal protector	Inner	Inner		
		Refrigerant oil	ml	1892	1892	
	Condenser fan motor	Type		AC motor	AC motor	
		Brand		Welling	Welling	
		Quantity	Pieces	1	1	
		Input (Hi/Lo)	W	307/194	185/120(×2)	
		Speed (Hi/Lo)	r/min	740/530	860/610	
		Max. air flow	m³/h	4500	5800	
	Condenser coil	Number of rows		2	2	
		Fin type		Hydrophilic aluminium	Hydrophilic aluminium	
		Tube outside dia. and type	mm	Φ9.53 Inner grooved copper tube	Φ9.53 Inner grooved copper tube	
		Number of circuits		4	7	
	Other information	Throttle type		Capillary	Capillary	
		Noise level (sound pressure)	dB(A)	57	60	
		Net size(D×H×W)	mm	990×966×340	940×1250×340	
		Packing size(D×H×W)	mm	1120×1100×440	1058×1380×435	
		Net/ Gross weight	kg	109/115	122/128	
	Hydraulic module	Model		CE-SBX/N1-01	CE-SBX/N1-01A	
		Water pump	Input	W	420	420
			Pump head	m	22	20
		Expansion tank	Volume	L	3	3
Heat exchanger		Type		Plate	Plate	
		Rated water flow	m³/h	1.80	2.06	
Water flow switch			Standard	Standard		
Other information		The max. and min. water inlet	m³/h	5.0/0.5	5.0/0.5	
		Noise level (sound pressure)	dB(A)	38.4	38.9	
		Net size(D×H×W)	mm	905×370×366	905×370×366	
		Packing size(D×H×W)	mm	1057×439×436	1057×439×436	
	Net/ Gross weight	kg	52/57	54/59		
Refrigerant pipe diameter	Liquid side	mm	Φ9.5	Φ9.5		
	Gas side	mm	Φ19	Φ19		
Pipe diameter	Water inlet/outlet	mm	DN32	DN32		
Control			Wired controller APKJR-08B/BE(standard)			
Ambient temperature		°C	Cooling: 10°C~43°C Heating: -15°C~24°C	Cooling: 10°C~43°C Heating: -15°C~24°C		

Note: Specifications are based on the following conditions:

1. Cooling: chilled water inlet/outlet temperature: 12/7°C, outdoor ambient temperature 35°C DB.
2. Heating: warm water inlet/outlet temperature: 40/45°C, outdoor ambient temperature 7°C DB/6°C WB .
3. 1m away in open field(sound pressure).

Model			APLB-D14/R3N1	APLB-D16/R3N1	
Power supply			V/Ph/Hz	380-415/3/50	380-415/ 3/50
Cooling	Capacity	W	14000	16000	
	Input	W	4453	4904	
Heating	Capacity	W	16000	17000	
	Input	W	4828	4943	
Max. input consumption			W	6400	6600
Max. input current			A	12.4	12.5
Refrigerant	Type			R410A	R410A
	Weight	kg	4.1	4.4	
Throttle type			Capillary	Capillary	
Outdoor units	Compressor	Type	Digital Scroll		Digital Scroll
		Brand	Copeland		Copeland
		Number of compressor	1		1
		Thermal protector	Inner		Inner
		Refrigerant oil	ml	1892	1892
	Condenser fan motor	Type	AC motor		AC motor
		Brand	Welling		Welling
		Quantity	Pieces	2	2
		Input (Hi/Lo)	W	185/120(×2)	185/120(×2)
		Speed (Hi/Lo)	r/min	860/610	860/610
	Max. air flow	m³/h	5600	5600	
	Condenser coil	Number of rows	3		3
		Fin type	Hydrophilic aluminium		Hydrophilic aluminium
		Tube outside dia. and type	mm	Φ9.53	Φ9.53
				Inner grooved copper tube	Inner grooved copper tube
		Number of circuits	12		8
	Other information	Noise level (sound pressure)	dB(A)	60	60
		Net size(D×H×W)	mm	940×1250×340	940×1250×340
		Packing size(D×H×W)	mm	1058×1380×435	1058×1380×435
		Net/ Gross weight	kg	123/130	126/133
Hydraulic module	Model		CE-SBX/SN1-01	CE-SBX/SN1-01A	
	Water pump	Input	W	420	420
		Pump head	m	18	17
	Expansion tank	Volume	L	3	3
	Heat exchanger	Type	Plate		Plate
		Rated water flow	m³/h	2.4	2.58
	Water flow switch	Model	Standard		Standard
	Other information	The max. and min. water inlet	m³/h	5.0/0.5	5.0/0.5
		Noise level (sound pressure)	dB(A)	41.2	37.8
		Net size(D×H×W)	mm	905×370×366	905×370×366
Packing size(D×H×W)		mm	1057×439×436	1057×439×436	
Net/ Gross weight		kg	54/59	55/60	
Refrigerant pipe diameter	Liquid side	mm	Φ9.5	Φ9.5	
	Gas side	mm	Φ19	Φ19	
Pipe diameter	Water inlet/outlet	mm	DN32	DN32	
Control			Wired controller APKJR-08B/BE(standard)		
Ambient temperature			°C	Cooling: 10°C~43°C	Cooling: 10°C~43°C
				Heating: -15°C~24°C	Heating: -15°C~24°C

Note: Specifications are based on the following conditions:

1. Cooling: chilled water inlet/outlet temperature: 12/7°C, outdoor ambient temperature 35°C DB.
2. Heating: warm water inlet/outlet temperature: 40/45°C, outdoor ambient temperature 7°C DB/6°C WB .
3. 1m away in open field(sound pressure).