

R32 | R410A

4-Way Cassette



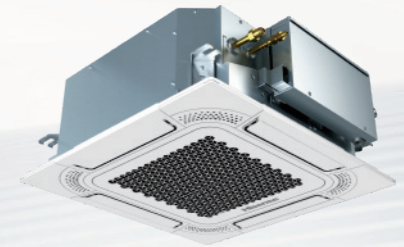
Model	AVBC-09 HJDBA	AVBC-12 HJDBA	AVBC-15 HJDBA	AVBC-19 HJDBA	AVBC-22 HJDBA	AVBC-24 HJDBA	AVBC-27 HJDBA	AVBC-30 HJDBA	AVBC-38 HJDBA	AVBC-48 HJDBA	AVBC-54 HJDBA			
Power supply	AC 1 φ, 220V~240V/50Hz/60Hz													
Capacity	Cooling	kW	2.8	3.6	4.5	5.6	6.3	7.1	8.0	9.0	11.2	14.0	16.0	
		Btu/h	9,600	12,300	15,300	19,100	21,500	24,200	27,300	30,700	38,200	47,800	54,600	
Capacity	Heating	kW	3.2	4.0	5.0	6.3	7.1	8.0	9.0	10.0	12.5	16.0	18.0	
		Btu/h	10,900	13,700	17,100	21,500	24,200	27,300	30,700	34,100	42,700	54,600	61,400	
Power Input	Cooling	W	20	30	40	50	50	60	70	70	80	130	130	
		W	20	30	40	50	50	60	70	70	80	130	130	
Sound Pressure	Cooling	dB(A)	30/28/28/27/26/26	32/29/29/28/27/26	33/31/29/29/27/26	34/31/30/28/28/26	36/33/32/31/29/28	36/33/32/33/31/30	37/36/35/33/31/30	37/36/35/36/34/33	42/40/38/38/36/34	46/44/40/40/38/36	46/44/41/40/38/36	
		dB(A)	30/28/28/27/26/26	32/29/29/28/27/26	33/31/29/29/27/26	34/31/30/28/28/26	36/33/32/31/29/28	36/33/32/33/31/30	37/36/35/33/31/30	37/36/35/36/34/33	42/40/38/38/36/34	46/44/40/40/38/36	46/44/41/40/38/36	
Air Flow Rate	Cooling	m³/min	15.0/12.8/12.0/10.8/10.0/8.8	17.0/14.0/12.8/11.8/10.8/9.1	19.0/15.0/13.9/12.6/11.4/10.5	19.0/15.0/13.9/12.6/11.8/10.5	26.0/20.0/18.3/17.0/15.1/13.0	27.0/21.1/19.1/18.0/15.8/14.7	25.0/21.1/19.6/17.9/16.1/14.7	25.0/22.3/20.3/18.3/16.9/15.3	31.0/29.5/28.7/26.0/23.5/20.5	37.0/34.0/30.7/28.9/24.2/22.4	37.0/34.0/30.7/28.9/24.2/22.4	
		m³/min	15.0/12.8/12.0/10.8/10.0/8.8	17.0/14.0/12.8/11.8/10.8/9.1	19.0/15.0/13.9/12.6/11.4/10.5	19.0/15.0/13.9/12.6/11.8/10.5	26.0/20.0/18.3/17.0/15.1/13.0	27.0/21.1/19.1/18.0/15.8/14.7	25.0/21.1/19.6/17.9/16.1/14.7	25.0/22.3/20.3/18.3/16.9/15.3	31.0/29.5/28.7/26.0/23.5/20.5	37.0/34.0/30.7/28.9/24.2/22.4	37.0/34.0/30.7/28.9/24.2/22.4	
Piping	Connection Type	-	Flare-nut Connection(with Flare Nuts)											
		Liquid	mm	φ6.35	φ6.35	φ6.35	φ6.35	φ6.35	φ9.53	φ9.53	φ9.53	φ9.53	φ9.53	φ9.53
			inch	(1/4)	(1/4)	(1/4)	(1/4)	(1/4)	(3/8)	(3/8)	(3/8)	(3/8)	(3/8)	(3/8)
		Gas	mm	φ12.7	φ12.7	φ12.7	φ12.7	φ12.7	φ15.88	φ15.88	φ15.88	φ15.88	φ15.88	φ15.88
			inch	(1/2)	(1/2)	(1/2)	(1/2)	(1/2)	(5/8)	(5/8)	(5/8)	(5/8)	(5/8)	(5/8)
Condensate Drain	-	O.D. 32												
Weight	Net Weight	kg	20	20	20	20	21	21	23	23	26	26	26	
		Gross Weight	kg	24	24	24	24	25	25	27	27	31	31	31
Dimensions	External	H mm	238	238	238	238	238	238	238	238	288	288	288	
		W mm	840	840	840	840	840	840	840	840	840	840	840	
		D mm	840	840	840	840	840	840	840	840	840	840	840	
	Packaging	H mm	292	292	292	292	292	292	292	292	342	342	342	
		W mm	945	945	945	945	945	945	945	945	945	945	945	
		D mm	945	945	945	945	945	945	945	945	945	945	945	
Decoration Panel	Model	-	HPE-GNK1											
		Color	-	Neutral White										
	Body	H mm	47	47	47	47	47	47	47	47	47	47	47	
		W mm	950	950	950	950	950	950	950	950	950	950	950	
	Dimensions	D mm	950	950	950	950	950	950	950	950	950	950	950	
		H mm	100	100	100	100	100	100	100	100	100	100	100	
	Packaging	W mm	1022	1022	1022	1022	1022	1022	1022	1022	1022	1022	1022	
		D mm	1022	1022	1022	1022	1022	1022	1022	1022	1022	1022	1022	
	Net Weight	kg	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	
	Gross Weight	kg	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	

Notes:

- The nominal cooling capacity and heating capacity are based on following conditions:  
Cooling Operation Conditions  
Indoor Air Inlet Temperature: 27°C DB (80°F DB), 19.0°C WB (66.2°F WB)  
Outdoor Air Inlet Temperature: 35°C DB (95°F DB)  
Piping Length: 7.5 Meters Piping Lift: 0 Meter  
Heating Operation Conditions  
Indoor Air Inlet Temperature: 20°C DB (68°F DB)  
Outdoor Air Inlet Temperature: 7°C DB (45°F DB), 6°C WB (43°F WB)
- The sound pressure level is based on following conditions: 1.5m beneath the unit.  
The above data was measured in an anechoic chamber so that reflected sound should be taken into consideration in the field.

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Mini 4-Way Cassette



Model	AVC-05HJDBA	AVC-07HJDBA	AVC-09HJDBA	AVC-12HJDBA	AVC-15HJDBA	AVC-17HJDBA	AVC-19HJDBA			
Power supply	AC 1 φ, 220V~240V/50Hz/60Hz									
Capacity	Cooling	kW	1.5	2.2	2.8	3.6	4.5	5.0	5.6	
		Btu/h	5,100	7,500	9,600	12,300	15,300	17,000	19,100	
Capacity	Heating	kW	2.0	2.5	3.3	4.2	5.0	5.6	6.3	
		Btu/h	6,800	8,500	11,200	14,300	17,000	19,100	21,500	
Power Input	Cooling	W	14	14	14	16	22	30	40	
		W	14	14	14	16	22	30	40	
Sound Pressure	Cooling	dB(A)	30/29/28/26	30/29/28/26	32/30/28/26	34/32/29/26	38/36/31/28	42/39/36/31	45/42/38/34	
		dB(A)	30/29/28/26	30/29/28/26	32/30/28/26	34/32/29/26	38/36/31/28	42/39/36/31	45/42/38/34	
Air Flow Rate	m³/min	7.2/6.5/6.2/5.6	7.2/6.5/6.2/5.6	7.8/7.2/6.5/5.8	7.8/7.2/6.5/5.8	9.3/8.7/7.1/6.7	11.0/9.5/8.7/7.1	12.5/10.8/9.3/8.0		
Piping	Connection Type	-	Flare-nut Connection(with Flare Nuts)							
		Liquid	mm	φ6.35	φ6.35	φ6.35	φ6.35	φ6.35	φ6.35	φ6.35
			inch	(1/4)	(1/4)	(1/4)	(1/4)	(1/4)	(1/4)	(1/4)
		Gas	mm	φ12.7	φ12.7	φ12.7	φ12.7	φ12.7	φ12.7	φ12.7
			inch	(1/2)	(1/2)	(1/2)	(1/2)	(1/2)	(1/2)	(1/2)
Condensate Drain	-	O.D. 32								
Weight	Net Weight	kg	14.5	14.5	14.8	14.8	15.8	15.8	15.8	
		Gross Weight	kg	17.3	17.3	17.6	17.6	18.6	18.6	18.6
Dimensions	External	H mm	215	215	215	215	215	215	215	
		W mm	570	570	570	570	570	570	570	
		D mm	570	570	570	570	570	570	570	
	Packaging	H mm	292	292	292	292	292	292	292	
		W mm	730	730	730	730	730	730	730	
		D mm	668	668	668	668	668	668	668	
Decoration Panel	Model	-	HPE-DNK1							
		Color	-	Neutral White						
	Body	H mm	37	37	37	37	37	37	37	
		W mm	620	620	620	620	620	620	620	
	Dimensions	D mm	620	620	620	620	620	620	620	
		H mm	115	115	115	115	115	115	115	
	Packaging	W mm	690	690	690	690	690	690	690	
		D mm	680	680	680	680	680	680	680	
	Net Weight	kg	2.7	2.7	2.7	2.7	2.7	2.7	2.7	
	Gross Weight	kg	4.0	4.0	4.0	4.0	4.0	4.0	4.0	

Notes:

- The nominal cooling capacity and heating capacity are based on following conditions:  
Cooling Operation Conditions  
Indoor Air Inlet Temperature: 27°C DB (80°F DB), 19.0°C WB (66.2°F WB)  
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- The sound pressure level is based on following conditions: 1.5m beneath the unit.  
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RELIABILITY  
EFFICIENCY  
COMFORT  
FLEXIBILITY  
OUTDOOR UNIT  
INDOOR UNIT  
CONTROL SYSTEM  
ACCESSORY