



INVERTER MULTI-SPLIT SYSTEMS



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Various Combinations

• Different units for choices, the same comfortable feeling for you.

Inverter Technology

- Lower power consumption
- Lower noise, more comfort
- Precise temperature control

-15°C Low Temperature Option

• Operate finely when cooling at -15°C.

OUTDOOR UNITS



AM20-51HPDC1B



AM30-71HPDC1B
AM40-81HPDC1B



AM40-100HPDC1B
AM50-120HPDC1

SPECIFICATIONS

	For 2 rooms	For 3 rooms	For 4 rooms	For 4 rooms	For 5 rooms
MODEL	AM20-51HPDC1D	AM30-71HPDC1D	AM40-81HPDC1D	AM40-100HPDC1D	AM50-120HPDC1D
Cooling capacity, kW	5,0 (2,1-6,2)	7,1 (2,2-10,0)	8,0 (2,2-10,0)	10,5 (2,1-11,0)	12,1 (2,1-13,6)
Heating capacity, kW	5,6 (2,5-6,7)	8,5 (3,6-11,0)	9,3 (2,8-11,0)	11,0 (2,6-13,0)	13,0 (2,6-14,0)
Power input (cooling), kW	1,6 (0,5-2,0)	2,3 (0,7-4,5)	2,5 (0,7-4,5)	3,0 (1,3-4,6)	3,6 (1,3-4,9)
Power input (heating), kW	1,6 (0,6-2,0)	2,4 (1,0-4,0)	2,6 (1,0-4,0)	3,8 (1,3-4,1)	3,5 (1,3-4,4)
Power supply, V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Max current (cooling), A	11,0	20,5	20,5	20,9	22,3
Max current (heating), A	11,0	18,2	18,2	18,6	20,0
Seasonal efficiency ratio (SEER/SCOP)	5,6/3,8	5,1/3,8	5,1/3,8	5,1/3,8	3,4/3,7 (EER/COP)
Energy efficiency class (cooling/heating)	A+/A	A/A	A/A	A/A	A/A
Refrigerant	R410A	R410A	R410A	R410A	R410A
Sound pressure (L _p), dB(A)	56,0	58,0	58,0	57,0	54,0
Sound power (L _w), dB(A)	63,0	68,0	68,0	67,0	64,0
Net dimensions (W×H×D), mm	955×700×396	980×790×427	980×790×427	1015×1103×440	1015×1103×440
Packing dimensions (W×H×D), mm	1029×750×458	1083×855×488	1083×855×488	1158×1235×493	1158×1235×493
Weight (brutto/neto), kg	55/50	74/69	65/60	104/94	112/102
Piping distance (horizontal (one/all)), m	10/20	20/60	20/70	20/70	25/80
Piping distance (vertical), m	5,0	10,0	10,0	15,0	15,0
Operating conditions in cooling mode, °C	-15 - +43	-15 - +43	-15 - +43	-15 - +43	-15 - +48
Operating conditions in heating mode, °C	-15 - +24	-15 - +24	-15 - +24	-15 - +24	-15 - +24

INDOOR UNITS



ECO SERIES

MODEL	AWI-21HPDC1D	AWI-25HPDC1D	AWI-32HPDC1D	AWI-50HPDC1D
Cooling capacity, kW	2,1	2,5	3,2	4,6
Heating capacity, kW	2,6	2,8	3,6	5,2
Ventilator air flow (SHi/Hi/Med/Low), m ³ /h	560/490/430/330	480/370/320/210	560/480/410/290	850/720/610/520
Sound pressure (L _p) (SHi/Hi/Med/Low), dB(A)	39/36/32/26	40/36/34/29	42/37/34/28	45/41/37/33
Sound power (L _w) (SHi/Hi/Med/Low), dB(A)	55/52/44/38	50/47/44/39	55/47/44/38	58/53/50/45
Net dimensions (W×H×D), mm	790×275×200	790×275×200	790×275×200	970×300×224
Packing dimensions (W×H×D), mm	852×355×273	852×355×273	852×355×273	1041×383×320
Weight (brutto/neto), kg	9/11	9/11	9/11	13,5/16,5
Pipe connections (liquid/gas), inch (mm)	1/4 - 3/8 (6,35 - 9,53)	1/4 - 3/8 (6,35 - 9,53)	1/4 - 3/8 (6,35 - 9,53)	1/4 - 3/8 (6,35 - 9,53)



PREMIUM SERIES

MODEL	AWI-25HPDC1C	AWI-35HPDC1C	AWI-53HPDC1C	AWI-70HPDC1C
Cooling capacity, kW	2,6	3,5	5,3	6,5
Heating capacity, kW	2,8	3,8	5,6	7,0
Ventilator air flow (SHi/Hi/Med/Low), m ³ /h	600/520/370/280	680/560/410/300	800/680/560/460	1000/800/700/550
Sound pressure (L _p) (SHi/Hi/Med/Low), dB(A)	41/38/30/24	42/39/31/25	45/40/37/32	51/47/42/34
Sound power (L _w) (SHi/Hi/Med/Low), dB(A)	55/52/44/38	56/53/45/39	60/55/51/44	63/57/53/46
Net dimensions (W×H×D), mm	770×283×201	770×283×201	865×305×215	1007×315×219
Packing dimensions (W×H×D), mm	847×345×276	847×345×276	948×383×310	1076×398×328
Weight (brutto/neto), kg	9,5/8	10,5/9	15/12	17/14
Pipe connections (liquid/gas), inch (mm)	1/4 - 3/8 (6,35 - 9,53)	1/4 - 3/8 (6,35 - 9,53)	1/4-1/2 (6,35-12,7)	1/4 - 5/8 (6,35-15,88)

NORDIC SERIES



MODEL	AWI-25HPDC1B	AWI-35HPDC1B	AWI-53HPDC1B	AWI-70HPDC1B
Cooling capacity, kW	2,6	3,5	5,3	6,5
Heating capacity, kW	3,0	4,0	5,8	7,0
Ventilator air flow (SHi/Hi/Med/Low), m ³ /h	600/500/400/300	600/500/400/300	850/780/650/550	1000/800/700/550
Sound pressure (L _p) (SHi/Hi/Med/Low), dB(A)	42/39/34/28	42/40/35/30	45/43/37/33	51/47/42/39
Sound power (L _w) (SHi/Hi/Med/Low), dB(A)	54/50/45/40	54/51/46/42	58/53/50/45	63/57/52/49
Net dimensions (W×H×D), mm	848×274×189	848×274×189	945×298×211	1018×315×223
Packing dimensions (W×H×D), mm	926×371×267	926×371×267	1013×383×300	1086×398×328
Weight (brutto/neto), kg	12/10	12/10	16/13	18,5/15
Pipe connections (liquid/gas), inch (mm)	1/4 - 3/8 (6,35 - 9,53)	1/4 - 3/8 (6,35 - 9,53)	1/4-1/2 (6,35-12,7)	1/4 - 5/8 (6,35-15,88)

4-WAY CASSETTE



MODEL	ACMI-26HPDC1	ACMI-36HPDC1	ACMI-53HPDC1
Cooling capacity, kW	2,6	3,5	4,5
Heating capacity, kW	2,7	4,0	5,0
Power input, W	35,0	35,0	35,0
Ventilator air flow (Hi/Med/Low), m ³ /h	600/520/410	600/520/410	600/520/410
Sound pressure (L _p) (Hi/Med/Low), dB(A)	46/43/41	46/43/41	46/43/41
Sound power (L _w) (Hi/Med/Low), dB(A)	55/51/50	55/51/50	55/51/50
Net dimensions Body (W×H×D), mm	570x230x570	570x230x570	570x230x570
Net dimensions Panel (W×H×D), mm	650x50x650	650x50x650	650x50x650
Packing dimensions Body (W×H×D), mm	851x325x731	851x325x731	851x325x731
Packing dimensions Panel (W×H×D), mm	733x117x673	733x117x673	733x117x673
Weight Body (brutto/neto), kg	23/18	23/18	23/18
Weight Panel (brutto/neto), kg	10/6,5	10/6,5	10/6,5
Pipe connections (liquid/gas), inch (mm)	1/4 - 3/8	1/4 - 3/8	1/4 - 1/2

DUCT TYPE



MODEL	ATMI-26HPDC1	ATMI-36HPDC1	ATMI-53HPDC1
Cooling capacity, kW	2,5	3,5	5,0
Heating capacity, kW	2,8	3,9	5,5
Ventilator air flow (Hi), m ³ /h	450	500	700
Sound pressure (L _p) (Hi/Low), dB(A)	37/31	39/32	41/33
Sound power (L _w) (Hi/Low), dB(A)	47/41	49/42	50/33
Net dimensions (W×H×D), mm	700×200×615	700×200×615	900×200×615
Weight Body (brutto/neto), kg	27/22	29/23	36/27
Pipe connections (liquid/gas), inch (mm)	1/4 - 3/8	1/4 - 3/8	1/4 - 1/2

The data is measured under the following conditions (ISO-T1). Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.

V 3.15.0 * Under our policy of continuous improvement, we reserve the right to change specifications and design without prior notice. www.alpicair.com