

INVERTER MULTI-SPLIT PRO II SYSTEMS

ALPICAIR

COMFORT FOR YOU

INVERTER MULTI-SPLIT PRO II SYSTEMS



Various Combinations
Different units for choices, the same comfortable feeling for you.

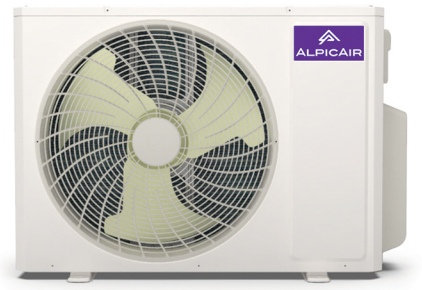
Inverter Technology
- Lower energy consumption
- Lower noise, more comfort
- Precise temperature control

-22°C Low Temperature Option
Operate finely when heating at -22°C.

OUTDOOR UNITS



AM20-51HRDC1A



AM30-71HRDC1A
AM40-81HRDC1A



AM40-100HRDC1A
AM50-120HRDC1A

MULTI-SPLIT AIR CONDITIONER OUTDOOR UNIT

Model			AM2O-51HRDC1A	AM3O-71HRDC1A	AM4O-81HRDC1A	AM4O-100HRDC1A	AM5O-120HRDC1A
Cooling capacity		kW	5,3 (2,1–5,8)	7,1 (2,3–9,2)	8,0 (2,3–11,0)	10,6 (2,6–12,0)	12,1 (2,6–15,2)
Heating capacity		kW	5,6 (2,6–6,5)	8,6 (2,8–9,2)	9,5 (2,8–10,2)	12,0 (3,0–14,0)	13,0 (3,0–15,5)
Power input	Cooling	kW	1,4 (0,3-2,5)	1,9 (0,6-3,4)	2,1 (0,8-3,6)	3,0 (0,8-4,6)	3,4 (0,8-4,6)
Power input	Heating	kW	1,2 (0,4-2,5)	2,2 (0,6-3,0)	2,2 (0,7-3,6)	3,0 (1,0-5,0)	3,2 (1,0-5,0)
Power supply		V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Rated curent		A	11	15	25	30	30
Efficiency ratio (SEER/COP)		-	7,20/4,20	7,10/4,30	7,20/4,20	7,20 4,00	7,20 4,00
Energy efficiency class	Cooling/heating		A++/A+	A++/A+	A++/A+	A++/A+	A++/A+
Refrigerant			R32	R32	R32	R32	R32
Sound pressure (L_p)		dB(A)	54.0	58.0	58.0	60.0	60.0
Sound power (L_w)		dB(A)	64.0	68.0	68.0	70.0	72.0
Net dimensions (W×H×D)		mm	822×550×352	964×660×402	964×660×402	1020×826×427	1020×826×427
Weight (brutto/neto)		kg	34,5/32	52/47,5	55,5/51	79/72	80/73
Piping distance (horizontal (one/all))		m	20/40	20/60	20/70	25/80	25/100
Piping distance (vertical)		m	15	15	15	25	25
Operating conditions in cooling mode		°C	-15 - +43	-15 - +43	-15 - +43	-15 - +43	-15 - +43
Operating conditions in heating mode		°C	-22 - +24	-22 - +24	-22 - +24	-22 - +24	-22 - +24

INDOOR UNITS

WALL MOUNTED
PREMIUM PRO III SERIES



Model		AWI-26HRDC1G	AWI-36HRDC1G	AWI-54HRDC1G	AWI-71HRDC1G
Cooling Capacity	kW	2.7	3.51	5.3	7.1
Heating Capacity	kW	3.0	3.81	5.6	7.8
Ventilator air flow (SH/H/MH/M/ML/L/SL)	m³/h	610/530/500/440/380/310/280	650/580/440/380/330/310	1000/960/870/810/720/640/600	1250/1100/1000/950/900/850/800
Sound pressure (L_p) (SH/H/MH/M/ML/L/SL)	dB(A)	38/36/34/31/26/24/22	43/39/37/34/31/28/25	47/45/43/41/35/30/28	48/44/41/40/38/37/35
Sound power (L_w) (SH/H/MH/M/ML/L/SL)	dB(A)	58/50/48/45/40/38/36	59/51/49/46/43/40/37	60/58/56/54/48/44/41	64/59/56/55/53/51/48
Net dimensions (WxHxD)	mm	867×276×206	867×276×206	978×333×248	1116×333×248
Weight (brutto/neto)	kg	11,0 / 9,0	11,0/9,0	16,0/13,5	18,5/15,5
Pipe connections (liquid/gas), inch (mm)		1/4 - 3/8 (6,35 - 9,52)	1/4 - 3/8 (6,35 - 9,52)	1/4 - 1/2 (6,35 - 12,7)	1/4 - 5/8 (6,35 - 15,88)

- LED display
- Dehumidification function
- Child lock
- Cold plasma
- Washable filter
- Low noise airflow system
- WiFi control
- I feel
- Auto-restart function
- Low ambient heating
- 3D air flow
- Self-diagnosis
- Energy-saving +8°C indoor temeperature mode
- IU Connectable to multi-split OU
- Wired controller with MODBUS (optional)
- On/off access control (optional)

TRENDY BLACK



Model		AWI-26HRDC1TB	AWI-36HRDC1TB	AWI-54HRDC1TB
Cooling Capacity	kW	2.7	3.5	5.2
Heating Capacity	kW	3.0	3.8	5.6
Ventilator air flow (SH/H/MH/M/ML/L/SL)	m³/h	610/570/540/470/440/420/390	720/600/570/530/500/460/430	880/760/650/620/600/550
Sound pressure (L_p) (SH/H/MH/M/ML/L/SL)	dB(A)	38/37/34/31/26/23/22	43/39/37/35/32/30/24	45/42/40/37/34/29/26
Sound power (L_w) (SH/H/MH/M/ML/L/SL)	dB(A)	58/51/48/45/40/37/36	60/53/451/49/46/44/38	60/57/54/52/49/44/41
Net dimensions (WxHxD)	mm	837×293×200	837×293×200	993×311×222
Weight (brutto/neto)	kg	11,5/9,5	11,5/9,5	15,5/13,0
Pipe connections (liquid/gas), inch (mm)		1/4 - 3/8 (6,35 - 9,52)	1/4 - 3/8 (6,35 - 9,52)	1/4 - 1/2 (6,35 - 12,7)

TRENDY WHITE



Model		AWI-26HRDC1TW	AWI-36HRDC1TW1	AWI-54HRDC1TW1	AWI-71HRDC1TW1
Cooling Capacity	kW	2.7	3.5	5.3	7.1
Heating Capacity	kW	3.0	3.8	5.3	7.3
Ventilator air flow (SH/H/MH/M/ML/L/SL)	m³/h	610/570/540/470/440/420/390	680/620/560/490/450/420/390	1000/850/760/650/580/450	1000/850/760/580/520/450/400
Sound pressure (L_p) (SH/H/MH/M/ML/L/SL)	dB(A)	38/37/34/31/26/23/22	41/38/36/33/30/27/25	45/42/40/37/34/29/26	48/44/41/40/38/36/33
Sound power (L_w) (SH/H/MH/M/ML/L/SL)	dB(A)	58/51/48/45/40/37/36	60/52/50/47/44/41/39	60/55/53/50/47/42/39	65/59/56/55/53/51/48
Net dimensions (WxHxD)	mm	837×293×200	837×293×200	993×311×222	993×311×222
Weight (brutto/neto)	kg	11,5/9,5	11,5/9,5	15/12,5	15,5/13,0
Pipe connections (liquid/gas), inch (mm)		1/4 - 3/8 (6,35 - 9,52)	1/4 - 3/8 (6,35 - 9,52)	1/4 - 1/2 (6,35 - 12,7)	1/4 - 5/8 (6,35 - 15,9)

- LED display
- Dehumidification function
- Timer
- Ultraviolet lamp
- Washable filter
- Low noise airflow system
- Child lock
- I feel
- Auto-restart function
- Low ambient heating
- WiFi control
- Self-diagnosis
- Energy-saving +8°C indoor temeperature mode
- 3D air flow
- Wired controller with MODBUS (optional)
- On/off access control (optional)

ECO PRO III



Model		AWI-26HRDC1F	AWI-33HRDC1F	AWI-51HRDC1F	AWI-71HRDC1F
Cooling Capacity	kW	2.5	3.2	4.6	6.2
Heating Capacity	kW	2.8	3.4	5.2	6.5
Ventilator air flow (SH/H/MH/M/ML/L/SL)	m³/h	500/470/430/390/320/270/250	590/520/480/400/350/320/280	1000/960/870/810/720/640/600	1050/900/740/690/640/590/540
Sound pressure (L_p) (SH/H/MH/M/ML/L/SL)	dB(A)	38/3634//32/28/25/21	41/37/35/33/30/26/24	47/45/43/41/35/30/28	50/46/44/42/40/36/32
Sound power (L_w) (SH/H/MH/M/ML/L/SL)	dB(A)	55/48/46/44/40/37/33	55/49/47/45/42/38/36	60/58/56/54/48/44/41	65/56/54/52/50/46/42
Net dimensions (WxHxD)	mm	732×555×330	783×260×185	943×333×246	943×333×246
Weight (brutto/neto)	kg	8,5/7,0	9,5/8,0	15,5/13	16,0/13,5
Pipe connections (liquid/gas), inch (mm)		1/4 - 3/8 (6,35 - 9,52)	1/4 - 3/8 (6,35 - 9,52)	1/4 - 3/8 (6,35 - 9,52)	1/4 - 1/2 (6,35 - 12,7)

- LED display
- Turbo mode
- Timer
- Energy-saving +8°C indoor temeperature mode
- Washable filter
- Dehumidification function
- WiFi control
- I feel
- Auto-restart function
- IU Connectable to multi-split OU
- Wired controller with MODBUS (optional)
- On/off access control (optional)

HYPER NORDIC



Model		AWI-20HRDC1A	AWI-40HRDC1A	AWI-60HRDC1A	AWI-80HRDC1A
Cooling Capacity	kW	2.7	3.5	5.3	7.0
Heating Capacity	kW	3.5	4.2	5.57	7.0
Ventilator air flow (SH/H/MH/M/ML/L/SL)	m³/h	800/730/680/630/580/450/350	800/730/680/630/580/530/430	1200/1150/1050/950/850/780/600	1200/1050/950/900/850/900/750
Sound pressure (L_p) (SH/H/MH/M/ML/L/SL)	dB(A)	44/43/38/36/31/24/22	46/43/41/38/36/34/21	48/45/43/40/37/35/33	50/46/43/41/39/37/35
Sound power (L_w) (SH/H/MH/M/ML/L/SL)	dB(A)	58/53/48/46/41/34/32	58/55/53/50/48/46/33	60/57/55/52/49/47/45	64/60/57/55/53/51/49
Net dimensions (WxHxD)	mm	996×301×225	996×301×225	1101×327×249	1101×327×249
Weight (brutto/neto)	kg	16/13	16,5/13,5	20,0/16,5	20/16,5
Pipe connections (liquid/gas), inch (mm)		1/4 - 3/8 (6,35 - 9,52)	1/4 - 3/8 (6,35 - 9,52)	1/4 - 5/8 (6,35 - 15,88)	1/4 - 5/8 (6,35 - 15,88)

- LED display
- Dehumidification function
- WiFi control
- Cold plasma
- Washable filter
- Low noise airflow system
- Protective coating
- I feel
- Auto-restart function
- Timer
- Wired controller with MODBUS (optional)
- On/off access control (optional)

DUCT TYPE



Model		ATMI-26HRDC1A	ATMI-36HRDC1A	ATMI-53HRDC1A
Cooling Capacity	kW	2.65	3.5	5.0
Heating Capacity	kW	2.8	4.0	5.5
Ventilator air flow (SH/H/MH/M/ML/L/SL)	m³/h	700/670/640/610/580/550/520	650/560/520/480/450/410/380	880/840/810/790/770/750/730
Sound pressure (L_p) (SH/H/MH/M/ML/L/SL)	dB(A)	41/39/38/37/36/35/34	39/37/36/35/34/33/32	41/39/39/38/38/37/34
Sound power (L_w) (SH/H/MH/M/ML/L/SL)	dB(A)	57/55/54/53/52/51/50	55/53/52/51/50/49/48	57/55/55/54/54/53/50
Net dimensions (WxHxD)	mm	710×200×450	710×200×450	1010×200×450
Weight (brutto/neto)	kg	22,5/18,5	23/19	30/25
Pipe connections (liquid/gas), inch (mm)		1/4 - 3/8 (6,35 - 9,52)	1/4 - 3/8 (6,35 - 9,52)	1/4 - 1/2 (6,35 - 12,7)

Turbo mode

Auto-restart function

Timer

I feel

Self-diagnosis

Washable filter

Dehumidification function

Wired controller with WIFI and Modbus (optional)



4-WAY CASSETTE

Model		ACCMI-28HRDC1A	ACCMI-36HRDC1A	ACCMI-53HRDC1A	ACMI-70HRDC1A
Cooling capacity	kW	2.8	3.5	5.0	7.0
Heating capacity	kW	2.8	4.0	5.5	8.0
Ventilator air flow (SH/H/MH/M/ML/L/SL)	m³/h	560/540/490/450/ 420/380/350	560/540/490/450/ 420/380/350	650/540/490/450/ 420/380/350	1100/1050/950/910/ 870/830/800
Sound pressure (L_p) (SH/H/MH/M/ML/L/SL)	dB(A)	40/38/36/34/32/30/28	40/38/36/34/32/30/28	43/39/36/34/32/30/28	44/43/42/40/39/38/37
Sound power (L_w) (SH/H/MH/M/ML/L/SL)	dB(A)	57/55/52/50/48/46/44	57/55/52/50/48/46/44	59/55/52/50/48/46/44	62/61/60/59/58/57/55
Net dimensions Body (W×H×D)	mm	570×265×570	570×265×570	570×265×570	840×240×840
Net dimensions Panel (W×H×D)	mm	620×47.5×620	620×47.5×620	620×47.5×620	950×52×950
Weight Body (brutto/neto)	kg	22/17	22/17	22/17	36/29
Weight Panel (brutto/neto)	kg	4.0/3.0	4.0/3.0	4.0/3.0	9.5/6.0
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)

Turbo mode

Auto-restart function

Timer

I feel

Self-diagnosis

Washable filter

Wired controller with WIFI and Modbus (optional)

Two-directional airflow

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

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