A modern building with a glass facade and a pool in the foreground. The building has a concrete and wood exterior. The pool is surrounded by a paved area and some greenery. The sky is blue with some clouds. The overall aesthetic is clean and contemporary.

# INVERTER MULTI-SPLIT PRO II SYSTEMS

The logo for ALPICAIR, featuring a stylized blue 'A' icon above the brand name 'ALPICAIR' in a bold, blue, sans-serif font.

**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.

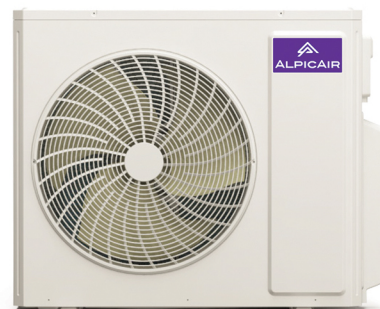
## OUTDOOR UNITS



AM20-51HRDC1A



AM30-71HRDC1A  
AM40-81HRDC1A



AM40-100HRDC1A  
AM50-120HRDC1A

# MULTI-SPLIT AIR CONDITIONER OUTDOOR UNIT

Model		AM20-51HRDC1A	AM30-71HRDC1A	AM40-81HRDC1A	AM40-100HRDC1A	AM50-120HRDC1A
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 current	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 <sub>p</sub> )	dB(A)	54,0	58,0	58,0	60,0	60,0
Sound power (L <sub>w</sub> )	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 II SERIES



Model		AWI-26HRDC1C	AWI-36HRDC1C	AWI-54HRDC1C	AWI-71HRDC1C
Cooling Capacity	kW	2.7	3.5	5.2	7.1
Heating Capacity	kW	3.5	3.8	5.6	7.8
Ventilator air flow (SH/H/MH/M/ML/L/SL)	m³/h	610/570/540/470/440/420/390	700/650/600/540/480/420/360	850/750/680/610/570/520/460	1250/1100/1000/950/900/850/800
Sound pressure (L <sub>p</sub> ) (SH/H/MH/M/ML/L/SL)	dB(A)	38/36/34/31/29/27/25	42/38/35/32/29/27/25	44/43/41/38/36/34/30	48/44/41/40/38/36/33
Sound power (L <sub>w</sub> ) (SH/H/MH/M/ML/L/SL)	dB(A)	54/48/46/43/41/39/37	57/50/47/44/41/39/37	60/56/54/51/49/47/43	64/59/56/55/53/51/48
Net dimensions (WxHxD)	mm	894×291×211	894×291×211	1017×304×221	1135×328×247
Weight (brutto/neto)	kg	13,0/11,0	13,0/11,0	16,0/13,5	19,5/16,5
Pipe connections (liquid/gas), inch (mm)		1/4 - 3/8 (6,35 - 9,52)	1/4 - 3/8 (6,35 - 9,52)	1/4 - 1/2 (6,35 - 12,7)	1/4 - 5/8 (6,35 - 15,88)



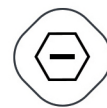
LED display



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 temperature mode



Single Multi  
IU Connectable to multi-split OU



Wired controller with MODBUS (optional)



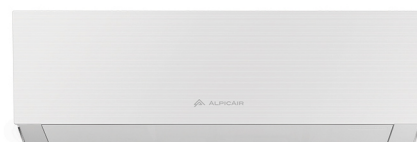
On/off access control (optional)

## 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 <sub>p</sub> ) (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 <sub>w</sub> ) (SH/H/MH/M/ML/L/SL)	dB(A)	58/51/48/45/40/37/36	60/53/45/49/46/44/38	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)

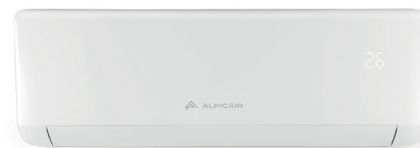
## TRENDY WHITE



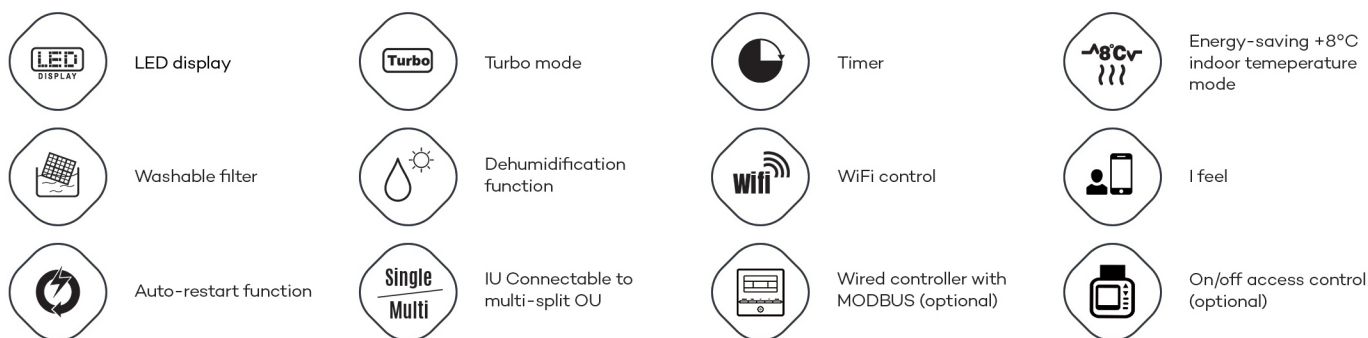
Model		AWI-26HRDC1TW	AWI-36HRDC1TW1	AWI-54HRDC1TW1	AWI-71HRDC1TW1
Cooling Capacity	kW	2.7	3.5	5.3	7.1
Heating Capacity	kW	3.0	3.8	5.3	7.3
Ventilator air flow (SH/H/MH/M/ML/L/SL)	m³/h	610/570/540/470/440/420/390	680/620/560/490/450/420/390	1000/850/760/650/580/450	1000/850/760/580/520/450/400
Sound pressure (L <sub>p</sub> ) (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 <sub>w</sub> ) (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 temperature mode		3D air flow		Wired controller with MODBUS (optional)		On/off access control (optional)

## ECO PRO III



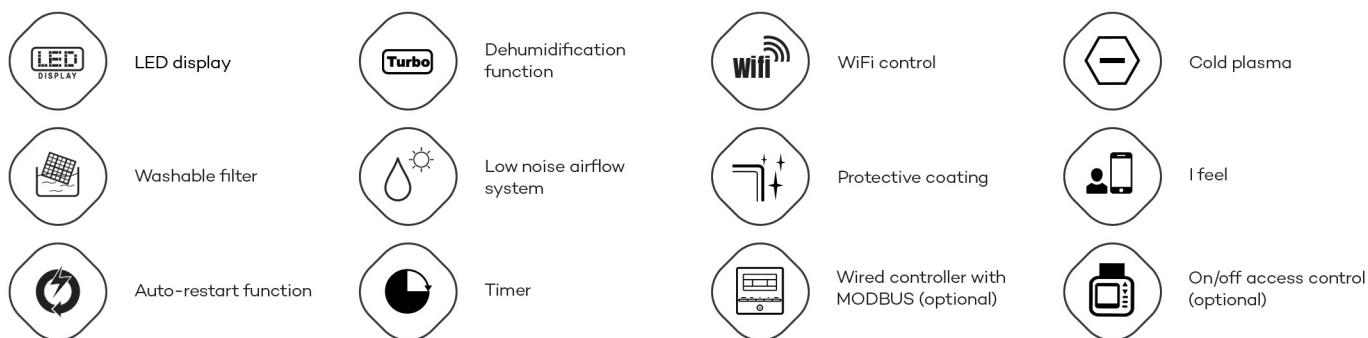
Model		AWI-26HRDC1F	AWI-33HRDC1F	AWI-51HRDC1F	AWI-71HRDC1F
Cooling Capacity	kW	2.5	3.2	4.6	6.2
Heating Capacity	kW	2.8	3.4	5.2	6.5
Ventilator air flow (SH/H/MH/M/ML/L/SL)	m³/h	500/470/430/390/320/270/250	590/520/480/400/350/320/280	1000/960/870/810/720/640/600	1050/900/740/690/640/590/540
Sound pressure (L <sub>w</sub> ) (SH/H/MH/M/ML/L/SL)	dB(A)	38/36/34//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 <sub>w</sub> ) (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	732x555x330	783x260x185	943x333x246	943x333x246
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)



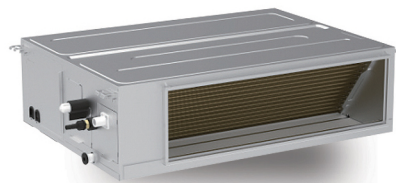
## HYPER NORDIC



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 <sub>w</sub> ) (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 <sub>w</sub> ) (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	996x301x225	996x301x225	1101x327x249	1101x327x249
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)



## 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 <sub>p</sub> ) (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 <sub>w</sub> ) (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		ACCOMI-26HRDC1A	ACCOMI-28HRDC1A	ACCOMI-36HRDC1A	ACCOMI-53HRDC1A	ACMI-70HRDC1A
Cooling capacity	kW	2.6	2.8	3.5	5.0	7.0
Heating capacity	kW	2.7	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	560/540/490/450/420/380/350	650/540/490/450/420/380/350	1100/1050/950/910/870/830/800
Sound pressure (L <sub>p</sub> ) (SH/H/MH/M/ML/L/SL)	dB(A)	40/38/36/34/32/30/28	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 <sub>w</sub> ) (SH/H/MH/M/ML/L/SL)	dB(A)	57/55/52/50/48/46/44	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	570×265×570	840×240×840
Net dimensions Panel (W×H×D)	mm	620×475×620	620×475×620	620×475×620	620×475×620	950×52×950
Weight Body (brutto/neto)	kg	22/17	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	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 - 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.

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](http://www.alpicair.com)