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COMFORT
FOR
YOU

INVERTER MULTI-SPLIT SYSTEMS



ALPICAIR

INVERTER MULTI-SPLIT 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

-15°C Low Temperature Option

• Operate finely when cooling at -15°C.

OUTDOOR UNITS



AM20-51HRDC1



AM30-71HRDC1
AM40-81HRDC1



AM40-100HRDC1
AM50-120HRDC1

MULTI-SPLIT AIR CONDITIONER OUTDOOR UNIT

MODEL	AM20-51HRDC1	AM30-71HRDC1	AM40-81HRDC1	AM40-100HRDC1	AM50-120HRDC1
Cooling capacity, kW	5,2 (2,1-5,8)	7,1 (2,3-8,5)	8,0 (2,3-10,3)	10,5 (2,6-12,0)	12,0 (2,6-13,0)
Heating capacity, kW	5,4 (2,6-5,9)	8,5 (3,7-8,8)	9,5 (3,7-10,3)	12,0 (2,6-13,5)	13,0 (2,6-14,5)
Power input (cooling), kW	1,5 (0,4-1,6)	1,9 (0,5-2,9)	1,5 (0,5-3,6)	3,1 (0,2-4,0)	3,5 (0,2-4,0)
Power input (heating), kW	1,3 (0,8-1,8)	2,2 (1,3-2,9)	2,7 (1,3-3,6)	3,2 (0,4-4,0)	3,5 (0,4-4,0)
Power supply, V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Rated current, A	8.3	12.7	15.9	20.0	20.0
Efficiency ratio (SEER/COP)	6,1/4,0	6,1/4,0	6,1/4,0	6,1/4,0	6,1/4,0
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)	55.0	58.0	58.0	60.0	60.0
Sound power (L _w), dB(A)	65.0	68.0	68.0	70.0	70.0
Net dimensions (W×H×D), mm	899×596×378	980×790×427	980×790×427	1087×1103×440	1087×1103×440
Weight (brutto/neto), kg	46/43	73/68	74/69	98/90	98/90
Piping distance (horizontal (one/all)), m	10/20	20/60	20/70	25/75	25/75
Piping distance (vertical), m	5.0	10.0	10.0	15.0	15.0
Operating conditions in cooling mode, °C	-15 - +45	-15 - +45	-15 - +45	-15 - +45	-15 - +45
Operating conditions in heating mode, °C	-22 - +24	-22 - +24	-22 - +24	-22 - +24	-22 - +24

INDOOR UNITS

WALL MOUNTED PREMIUM PRO SERIES



MODEL	AWI-25HRDC1C	AWI-35HRDC1C	AWI-53HRDC1C	AWI-70HRDC1C
Cooling capacity, kW	2.7	3.5	5.2	7.0
Heating capacity, kW	3.0	3.7	5.3	7.4
Ventilator air flow (SHi/Hi/Med/Low), m³/h	610/540/440/390	680/560/450/390	800/650/570/470	1250/1000/900/750
Sound pressure (L _p) (SHi/Hi/Med/Low), dB(A)	40/35/30/26	42/35/30/26	45/41/35/31	48/42/37/33
Sound power (L _w) (SHi/Hi/Med/Low), dB(A)	54/46/41/33	57/47/42/38	59/55/49/45	63/57/52/48
Net dimensions (W×H×D), 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	16,5/13,5	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 - 1/2 (6,35 - 12,7)	1/4 - 5/8 (6,35 - 15,88)



LED display



R32 refrigerant



Timer



Cold plasma



Washable filter



Dehumidification function



Child lock



I feel



Auto-restart function



Low noise airflow system

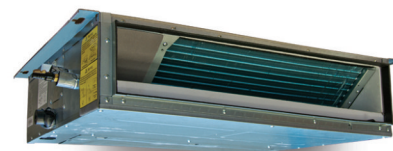


WiFi control



Self-diagnosis

DUCT TYPE



MODEL	ATMI-26HRDC1	ATMI-36HRDC1	ATMI-53HRDC1
Cooling capacity, kW	2.5	3.5	5.0
Heating capacity, kW	2.8	3.9	5.5
Ventilator air flow (SHi/Hi/Med/Low), m³/h	450/350/280	550/400/300	700/600/500
Sound pressure (L _p) (SHi/Hi/Med/Low), dB(A)	37/34/31	39/35/32	41/36/33
Sound power (L _w) (SHi/Hi/Med/Low), dB(A)	47/41	49/42	51/43
Net dimensions (W×H×D), mm	700×200×615	700×200×615	900×200×615
Weight (brutto/neto), kg	26/21	28/22	32/26
Pipe connections (liquid/gas), inch	1/4 - 3/8	1/4 - 3/8	1/4 - 1/2



Turbo mode



Auto-restart function



Timer



I feel



Self-diagnosis



Washable filter



Dehumidification function



Clock

4-WAY CASSETTE



MODEL	ACMI-26HRDC1	ACMI-36HRDC1	ACMI-53HRDC1	ACMI-70HRDC1
Cooling capacity, kW	2.6	3.5	4.5	7.1
Heating capacity, kW	2.7	4.0	5.0	8.0
Power input, W	30.0	30.0	40.0	65.0
Ventilator air flow (Hi/Med/Low), m³/h	650/560/520/450	650/560/520/450	710/670/590/450	1280/1220/1100/880
Sound pressure (L _p) (Hi/Med/Low), dB(A)	44/41/38/34	44/41/38/34	47/45/41/35	47/45/41/36
Sound power (L _w) (Hi/Med/Low), dB(A)	55/52/49/45	55/52/49/45	58/56/52/46	58/56/52/47
Net dimensions Body (W×H×D), mm	596×240×596	596×240×596	596×240×596	840×240×840
Net dimensions Panel (W×H×D), mm	670×50×670	670×50×670	650×50×650	950×60×950
Weight Body (brutto/neto), kg	24/20	24/20	24/20	32/26
Weight Panel (brutto/neto), kg	5/3,5	5/3,5	5/3,5	11/7
Pipe connections (liquid/gas), inch	1/4 - 3/8	1/4 - 3/8	1/4 - 1/2	3/8 - 5/8



Turbo mode



Auto-restart function



Timer



I feel



Self-diagnosis



Washable filter



Dehumidification function



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