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COMFORT
FOR
YOU

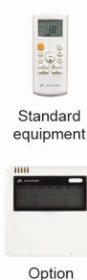
DC INVERTER CEILING & FLOOR SPLIT SYSTEMS

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ALPICAIR

DC INVERTER CEILING & FLOOR SPLIT SYSTEMS



Turbo mode



Auto-restart function



Low ambient cooling



3D air flow



Timer



Louver position memory

Turbo

This function can boost cooling or heating speed in a short period, and makes the room cool down or heat up rapidly.



3D air flow

The unit has auto horizontal swing and auto vertical swing function, which supplies more even and comfortable air flow.



INDOOR MODEL	AFI-53HPDC1B	AFI-71HPDC1B	AFI-105HPDC3B	AFI-140HPDC3B	AFI-180HPDC3B
OUTDOOR MODEL	AOU-53HPDC1B	AOU-71HPDC1B	AOU-105HPDC3B	AOU-140HPDC3B	AOU-180HPDC3B
Outdoor power supply, V/ph/Hz	220-240/1/50	220-240/1/50	380-415/3/50	380-415/3/50	380-415/3/50
Cooling capacity, kW	5,3 (0,8–6,2)	7,0 (1,2–8,2)	10,6 (2,9–12,0)	14,1 (4,1–16,4)	15,8 (5,0–18,1)
Heating capacity, kW	5,7 (0,9–7,0)	7,0 (1,2–8,7)	11,1 (2,6–13,2)	16,4 (4,4–18,5)	18,2 (5,3–20,5)
Power input (cooling), kW	1.6	2.3	4.1	5.2	6.1
Power input (heating), kW	1.5	1.9	3.0	4.8	5.6
Efficiency ratio (EER/COP)	3,2/3,9	3,1/3,7	2,6/3,8	2,7/3,4	2,6/3,2
Seasonal efficiency ratio (SEER/SCOP)	6,5/4,0	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	R410A	R410A	R410A	R410A	R410A
Indoor unit air flow volume, m³/h	900/800/700	1180/1050/850	2050/1770/1400	2100/1800/1400	2250/1660/1280
Indoor unit sound pressure (L _p), dB(A)	44/39/34	53/48/42	52/46/40	56/48/41	55/50/45
Outdoor unit sound power (L _w), dB(A)	64	65	67	72	75
Indoor unit dimensions, mm	1068×235×675	1068×235×675	1650×235×675	1650×235×675	1650×235×675
Outdoor unit dimensions, mm	800×554×333	845×702×363	946×810×410	952×1333×410	952×1333×410
Indoor unit weight (brutto/neto), kg	30,6/25,8	30/25	46,9/40,3	44,6/38,2	47/40,5
Outdoor unit weight (brutto/neto), kg	38,4/35,5	51,5/49	86,9/81,0	121,2/108,1	126/112,8
Maximum refrigerant pipe length, m	30	50	65	65	65
Maximum height difference, m	20	25	30	30	30
Pipe connections (liquid/gas), inch	1/4 - 1/2	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8
Operating conditions in cooling mode, °C	-15 – +50	-15 – +50	-15 – +50	-15 – +50	-15 – +50
Operating conditions in heating mode, °C	-15 – +24	-15 – +24	-15 – +24	-15 – +24	-15 – +24

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.