DC INVERTER CEILING & FLOOR SPLIT SYSTEMS PRO III SERIES



Standard equipment



Option



- Turbo mode
- Auto-restart function
- WiFi control
- 360° air flow
- Timer
- Louver position memory

Vertical and horizontal mounting

This floor and ceiling air conditioner offers flexible installation options—mount it vertically or horizontally to suit your space. Ideal for large commercial interiors like service areas, meeting rooms, and event halls.



3D air flow

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



Model			AFI/AOU-53HRDC1A	AFI/AOU-71HRDC1C	AFI/AOU-105HRDC3A	AFI/AOU-140HRDC3C	AFI/AOU-180HRDC3C
Capacity	Cooling	kW	5,28 (2,71-5,86)	7,03 (3,22 - 7,95)	10,55 (2,73 - 11,78)	14,07 (3,52 - 15,24)	15,24 (4,10 - 16,12)
	Heating	kW	5,57 (2,42-6,30)	7,62 (2,72 - 8,50)	11,72 (2,81 - 12,78)	16,12 (4,10 - 17,59)	18,17 (4,40 - 19,35)
Power input	Cooling	kW	1,45 (0,67 - 2,03)	2,30 (0,75 - 2,73)	4,00 (0,89 - 4,30)	5,00 (0,91 - 6,20)	5,90 (1,10 - 6,50)
	Heating	kW	1,50 (0,54 - 1,64)	1,98 (0,65 - 2,94)	3,35 (0,78 - 3,95)	4,80 (0,95 - 5,95)	5,95 (1,12 - 6,35)
Power supply		V/ph/Hz	230/1/50	230/1/50	380-415/3/50	380-415/3/50	380-415/3/50
Seasonal cooling efficiency (SEER)		-	6.2	6.3	6.4	6.1	6.1
Seasonal heating efficiency (SCOP)		-	4,0 / 5,1	4,10 /5,4	4,10 / 5,10	4,0 / 5,1	4,0 / 5,1
Energy efficiency class	Cooling/heating		A++ / A+	A++ / A+	A++ / A+	A++ / A+	A++ / A+
Refrigerant			R32 (1150 g)	R32 (1400 g)	R32 (2400 g)	R32 (2900 g)	R32 (3200 g)

Indoor unit model		AFI-53HRDC1A	AFI-71HRDC1A	AFI-105HRDC3A	AFI-140HRDC3A	AFI-180HRDC3A
Indoor unit air flow volume	m^3/h	958/839/723	1192/1023/853	1955/1728/1504	2100/1850/1600	2200/1950/1650
Sound pressure (L_p)	db (A)	43,5/41/36,5/24	49,5/45,5/36,5/22,5	51/47,5/44,5/39	51/49/43/35	53/50/42/36
Dimensions Body	mm	1068×235×675	1068×235×675	1650×235×675	1650×235×675	1650×235×675
Unit weight	kg	28	28	41,5	41,7	42,3

Outdoor unit model		AOU-53HRDC1A	AOU-71HRDC1C	AOU-105HRDC3A	AOU-140HRDC3C	AOU-180HRDC3C
Sound Pressure (L_p)	db (A)	56	60.5	63	64	65
Unit dimensions	mm	805×554×330	890×673×342	946×810×410	980x975x415	980×975×415
Weight	kg	32.5	41.9	80.5	90	92
Maximum refrigerant pipe length	m	30.0	50.0	75.0	75.0	75.0
Maximum height difference	m	20.0	25.0	30.0	30.0	30.0
Operating conditions in cooling mode	°C	-15 - +50	-15 - +50	-15 - +50	-15 - +50	-15 - +50
Operating conditions in heating mode	°C	-20 - +24	-20 - +24	-20 - +24	-20 - +24	-20 - +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.

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