

—  
COMFORT  
FOR  
YOU

# DC INVERTER CEILING & FLOOR SPLIT SYSTEMS

—  
PRO II SERIES



  
**ALPICAIR**

# DC INVERTER CEILING & FLOOR SPLIT SYSTEMS PRO II SERIES



Standard equipment



Option



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.



SET MODEL	AFI/AOU-53HRDC1A	AFI/AOU-71HRDC1A	AFI/AOU-105HRDC3A	AFI/AOU-140HRDC3A	AFI/AOU-180HRDC3A
Cooling Capacity, kW	5,28 (2,71 - 5,86)	7,03 (3,22 - 7,77)	10,55 (2,73 - 11,78)	14,07 (3,52 - 15,24)	15,83 (4,10 - 16,71)
Heating Capacity, kW	5,6 (2,4-6,3)	7,62(2,72-8,29)	11,72(2,81-12,78)	16,12(4,10-17,00)	18,2 (4,4-19,6)
Power input (cooling), kW	1,45 (0,67 - 2,03)	2,3 (0,747- 2,93)	4,00 (0,89 - 4,30)	5,0 (0,90 - 5,95)	5,65 (1,10 - 6,65)
Power input (heating), kW	1,50 (0,54 - 1,64)	2,05 (0,65 - 2,85)	3,35 (0,78 - 3,95)	5,10 (1,00 - 6,05)	6,05 (1,05 - 7,10)
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
Seasonal cooling efficiency (SEER)	6.2	6.1	6.4	6.1	6.1
Seasonal heating efficiency (SCOP)	4,00 / 5,10	4,00 / 5,1	4,10 / 5,10	3,9 / 5,1	4,00 / 5,1
Energy efficiency class (cooling/heating)	A++ / A+	A++ / A+	A++ / A+	A++ / A	A++ / A+
Refrigerant	R32 (1150 g)	R32 (1500 g)	R32 (2400 g)	R32 (2900 g)	R32 (3000 g)
INDOOR UNIT MODEL	AFI-53HRDC1A	AFI-71HRDC1A	AFI-105HRDC3A	AFI-140HRDC3A	AFI-180HRDC3A
Ventilator air flow m <sup>3</sup> /h	958/839/723	1192/1023/853	1955/1728/1504	2100/1850/1600	2200/1950/1650
Sound pressure (L <sub>p</sub> )	43,5/41/36,5/24	49/46/43/32	51/47,5/44,5/39	53/50/45/36	54/50,5/46,5/38
Dimensions, mm	1068×235×675	1068×235×675	1650×235×675	1650×235×675	1650×235×675
Weight, kg	28.0	28.0	41.5	41.7	42.3
OUTDOOR UNIT MODEL	AOU-53HRDC1A	AOU-71HRDC1A	AOU-105HRDC3A	AOU-140HRDC3A	AOU-180HRDC3A
Sound Pressure (L <sub>p</sub> )	56.0	60.0	63.0	63.5	64.0
Unit dimensions, mm	805×554×330	890×673×342	946×810×410	952×1333×415	952×1333×415
Weight, kg	32.5	43.9	80.5	103.7	107.0
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	-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.