

—
COMFORT
FOR
YOU

DC INVERTER DUCT MOUNTED SYSTEMS

—
PRO II SERIES



ALPICAIR

DYNAMIC INVERTER DUCT MOUNTED SYSTEMS PRO II SERIES



Standard equipment



Option



Turbo mode



Low ambient cooling



Timer



Auto-restart function



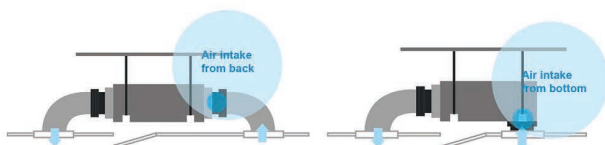
Night mode



Adjustable static pressure switch

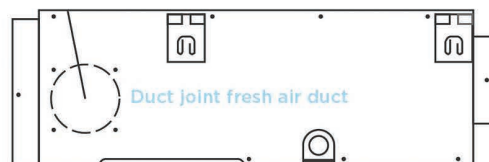
Flexible air intake ways

Air inlet from back standard and from bottom optional. The size of a plate from bottom and flange from back is the same, it's easy for installer to change the air inlet from back to bottom.



Fresh air

Fresh air hole is as standard, it's easy to connect with air from outside. It makes fresh and comfortable feeling.



SET MODEL	ATI/AOU-53HRDC1A	ATI/AOU-71HRDC1A	ATI/AOU-105HRDC3A	ATI/AOU-140HRDC3A	ATI/AOU-180HRDC3A
Cooling Capacity, kW	5,28 (2,55 - 5,86)	7,03 (3,28 - 8,16)	10,55 (2,73 - 11,78)	14,07 (3,52 - 15,53)	15,24 (4,10 - 17,29)
Heating Capacity, kW	5,57 (2,20 - 6,15)	7,62 (2,81 - 8,49)	11,72 (2,78 - 12,84)	16,12 (4,10 - 18,17)	18,17 (4,40 - 20,52)
Power input (cooling), kW	1,53 (0,71 - 2,15)	2,19 (0,75 - 2,96)	4,00 (0,89 - 4,20)	4,80 (0,88-6,00)	5,25 (1,03 - 6,65)
Power input (heating), kW	1,51 (0,74 - 1,76)	1,90 (0,64 - 2,58)	3,25 (0,78 - 4,00)	4,50 (0,95 - 5,70)	5,15 (0,95 - 6,60)
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)	6.5	6.2	6.1	6.1	6.1
Seasonal heating efficiency (SCOP)	4,0 / 5,1	4,0 / 5,1	4,0 / 5,1	3,80 / 5,00	4,0 / 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	ATI-53HRDC1A	ATI-71HRDC1A	ATI-105HRDC1A	ATI-140HRDC1A	ATI-180HRDC1A
Ventilator air flow m³/h	911/706/515	1229/1035/825	2100/1800/1500	2400/2040/1680	2600/2210/1820
Sound pressure (L _p)	41/38/34/26	42/40/37/27	49,5/48/46/42,5	50/49/47/42	52,5/49/47
Dimensions, mm	880×210×674	1100×249×774	1360×249×774	1200×300×874	1200×300×874
Weight, kg	24,4	32,3	40,5	47,6	47,4
OUTDOOR UNIT MODEL	AOU-53HRDC1A	AOU-71HRDC1A	AOU-105HRDC3A	AOU-140HRDC3A	AOU-180HRDC3A
Sound Pressure (L _p)	56.0	60.0	63.0	63,5	64.0
Unit dimensions, mm	805x554x330	890x673x342	946x810x410	952x1333x415	952x1333x415
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.