

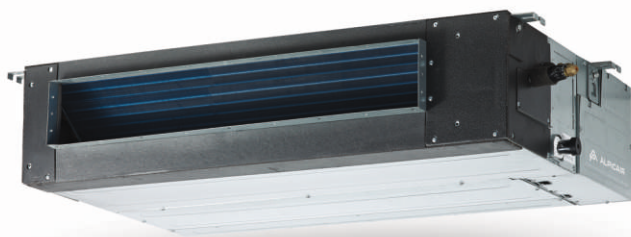
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COMFORT
FOR
YOU

DC INVERTER DUCT MOUNTED SYSTEMS

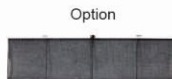


ALPICAIR

DC INVERTER DUCT MOUNTED SYSTEMS



Standard equipment



Option



Turbo mode



Low ambient cooling



Timer



Auto-restart function



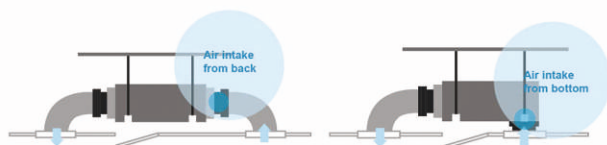
Night mode



Adjustable static pressure switch

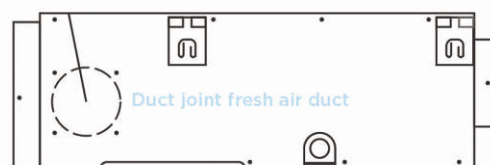
Flexible air intake ways

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.



INDOOR MODEL	ATI-53HPDC1B	ATI-71HPDC1B	ATI-105HPDC3B	ATI-140HPDC3B	ATI-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)	16,1 (4,3–18,1)	15,8 (5,0–18,1)
Power input (cooling), kW	1.7	2.3	4.0	5.1	5.3
Power input (heating), kW	1.5	1.9	2.9	4.4	5.0
Efficiency ratio (EER/COP)	3,1/3,9	3,1/3,7	2,7/3,8	2,8/3,7	3,0/3,6
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	1050/900/780	1360/1200/970	1750/1500/1280	2200/1900/1600	2200/1900/1600
Indoor unit sound pressure (L _p), dB(A)	44/40/37	46/42/38	48/45/40	50/47/44	50/47/45
Outdoor unit sound power (L _w), dB(A)	64	65	67	72	75
Indoor unit dimensions, mm	920×270×635	920×270×635	1200×300×865	1200×300×865	1200×300×865
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	31,5/26,9	31,5/28,0	51,9/43,1	51,6/43,2	51,5/43,1
Outdoor unit weight (brutto/neto), kg	38,4/35,5	51,5/49,0	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.