

A modern office interior featuring a long wooden desk, a brown leather office chair, and a large window with vertical blinds. The room is brightly lit, and the ceiling has a grid of recessed lights. The overall design is sleek and professional.

DC INVERTER SUPER SLIM ROUND FLOW CASSETTE

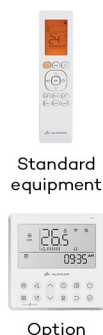
PRO III SERIES



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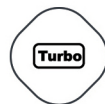
COMFORT FOR YOU

DC INVERTER ROUND FLOW CASSETTE PRO III SERIES



Standard equipment

Option



Turbo mode



Auto-restart function



Low ambient cooling



360° air flow



Timer



Individual louver control

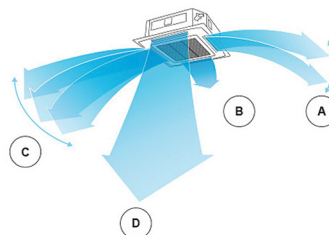
NEW AOU-140/180HRDC3C outdoor unit

The upgraded outdoor unit now features one fan instead of two, making it smaller and easier to handle. Its reduced size and weight improve installation flexibility without compromising cooling and heating power.



Individual louver control

With its advanced design, the new cassette panel provides independent louver control. Users can customize airflow in different directions, improving flexibility and overall comfort.



Model			ACI/AOU-35HRDC1A	ACI/AOU-53HRDC1A	ACI/AOU-71HRDC1C	ACI/AOU-105HRDC3A	ACI/AOU-140HRDC3C	ACI/AOU-180HRDC3C
Capacity	Cooling	kW	3,52 (0,85 - 4,16)	5,28 (2,90 - 5,59)	7,03 (3,29 - 7,91)	10,55 (2,7 - 11,43)	14,07 (3,52 - 15,83)	15,24 (4,10 - 16,12)
	Heating	kW	3,81 (0,47 - 4,34)	5,57 (2,37 - 6,10)	7,62 (2,79 - 8,50)	11,14 (2,78 - 12,66)	16,12 (4,10 - 17,29)	18,17 (4,40 - 19,05)
Power input	Cooling	kW	1,02 (0,16 - 1,45)	1,55 (0,72 - 2,04)	2,32 (0,78 - 2,75)	4,00 (0,89 - 4,15)	4,98 (0,81 - 6,35)	5,70 (1,00 - 6,25)
	Heating	kW	1,02 (0,125 - 1,39)	1,56 (0,70 - 1,95)	1,90 (0,61 - 2,30)	3,00 (0,78 - 4,00)	4,58 (0,91 - 5,90)	5,70 (1,02 - 6,35)
Power supply		V/Ph/Hz	230/1/50	230/1/50	230/1/50	380-415/3/50	380-415/3/50	380-415/3/50
Seasonal cooling efficiency (SEER)		-	6.8	6.5	6.3	6.3	6.1	6.1
Seasonal heating efficiency (SCOP)		-	4.1 / 5.1	4.1 / 5.1	4.10 / 5.4	3.90 / 5.10	4.0 / 5.1	4.0 / 4.9
Energy efficiency class		Cooling/heating	A++ / A+	A++ / A+	A++ / A+	A++ / A	A++ / A+	A++ / A+
Refrigerant			R32 (720 g)	R32 (1150 g)	R32 (1400 g)	R32 (2400 g)	R32 (2900 g)	R32 (3200 g)

Indoor unit model			ACI-35HRDC1C	ACI-53HRDC1C	ACI-71HRDC1A	ACI-105HRDC1A	ACI-140HRDC3A	ACI-180HRDC3A
Indoor unit air flow volume	m³/h		620/520/330	660/540/300	1247/1118/992	1800/1600/1400	1900/1750/1600	2000/1850/1650
Sound pressure (L _p)	db (A)		42/38,5/31,5/25,5	44/41/31,5/25	45/42,5/37/27,5	50/47,5/44,5/39	51,5/49/46,5/38,5	53/50,5/45,5/40
Dimensions Body	mm		570×240×570	570×240×570	830×205×830	830×245×830	830×287×830	830×287×830
Dimensions Panel	mm		620×50×620	620×50×620	950×55×950	950×55×950	950×55×950	950×55×950
Unit Body/Panel weight	kg		16,1/2,7	16,2/2,7	21,6/6,0	27,2/6,0	29,3/6,0	29,3/6,0

Outdoor unit model			AOU-35HRDC1A	AOU-53HRDC1A	AOU-71HRDC1C	AOU-105HRDC3A	AOU-140HRDC3C	AOU-180HRDC3C
Sound Pressure (L _p)	db (A)		57	58	60	63	64	65
Unit dimensions	mm		765×555×303	805×554×330	890×673×342	946×810×410	980×975×415	980×975×415
Weight	kg		26.6	32.5	41.9	80.5	90	92
Maximum refrigerant pipe length	m		25.0	30.0	50.0	75.0	75.0	75.0
Maximum height difference	m		10.0	20.0	25.0	30.0	30.0	30.0
Operating conditions in cooling mode	m		-15 - +50	-15 - +50	-15 - +50	-15 - +50	-15 - +50	-15 - +50
Operating conditions in heating mode	m		-20 - +24	-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