

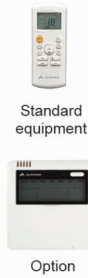
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COMFORT
FOR
YOU

DC INVERTER SUPER SLIM ROUND FLOW CASSETTE

—
PRO SERIES


ALPICAIR

DC INVERTER ROUND FLOW CASSETTE



Turbo mode



Auto-restart function



Low ambient cooling



360° air flow



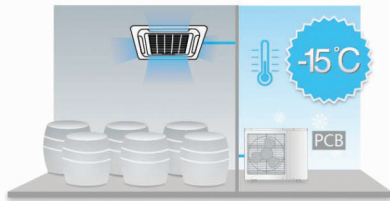
Timer



Louver position memory

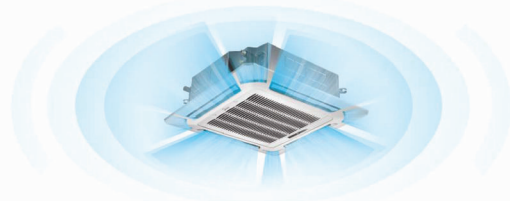
Low ambient cooling

With built-in low ambient kit or special designed PCB, outdoor fan speed can be changed automatically according to condenser temperature, even when the temperature is down to -15°C.



360° air flow panel

With the 360° air flow panel, the air can be distributed to every corner of the room.



SET MODEL	ACI/AOU-35HRDC1	ACI/AOU-53HRDC1	ACI/AOU-71HRDC1	ACI/AOU-105HRDC3	ACI/AOU-140HRDC3	ACI/AOU-180HRDC3
Cooling Capacity, kW	3,5 (1,5-5,3)	5,3 (2,9-5,7)	7,0 (3,2-8,2)	10,6 (2,9-12,0)	14,1 (4,8-14,6)	15,5 (5,3-16,7)
Heating Capacity, kW	4,4 (1,0-5,6)	5,4 (2,4-6,1)	7,6 (2,4-8,7)	11,1 (2,6-13,2)	16,1 (3,9-16,8)	18,2 (4,4-19,3)
Power input (cooling), kW	0,9 (0,4-1,6)	1,6 (0,7-1,9)	2,2 (0,5-2,9)	4,1 (1,0-4,6)	5,1 (1,2-5,6)	6,0 (1,2-6,7)
Power input (heating), kW	1,1 (0,3-1,8)	1,5 (0,7-1,9)	2,1 (0,5-2,9)	3,1 (0,9-4,7)	5,1 (1,0-5,4)	6,0 (1,0-6,5)
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)	7.8	6.1	6.2	6.1	6.1	6.1
Seasonal heating efficiency (SCOP)	4.6	4.0	4.1	4.0	4.0	4.0
Energy efficiency class (cooling/heating)	A++ / A++	A++ / A+	A++ / A+	A++ / A+	A++ / A+	A++ / A+
Refrigerant	R32 (870 g)	R32 (1150 g)	R32 (1500 g)	R32 (2400 g)	R32 (2800 g)	R32 (2950 g)
INDOOR UNIT MODEL	ACI-35HRDC1	ACI-53HRDC1	ACI-71HPDC1C	ACI-105HPDC3C	ACI-140HPDC3C	ACI-180HPDC3C
Indoor unit air flow volume m³/h	617/504/416	720/625/540	1378/1200/1032	1900/1750/1460	1715/1568/1381	1970/1737/1537
Sound pressure (L _p)	41/36/33	42,5/39/35,5	47/43/40	53/50/47	52/50/49	53/50,5/48
Dimensions Body, mm	570×260×570	570×260×570	840×205×840	840×245×840	840×287×840	840×287×840
Dimensions Panel, mm	647×50×647	647×50×647	950×55×950	950×55×950	950×55×950	950×55×950
Unit Body / Panel weight, kg	16,2/2,5	16,2/2,5	23/5	27,5/5	29/5	29,7/5
OUTDOOR UNIT MODEL	AOU-35HRDC1	AOU-53HRDC1	AOU-71HRDC1	AOU-105HRDC3	AOU-140HRDC3	AOU-180HRDC3
Sound Pressure (L _p)	55.5	55.5	62	64	66	66
Unit dimensions, mm	800×554×333	800×554×333	845×702×363	946×810×410	952×1333×415	952×1333×415
Weight, kg	34.7	33.7	49.4	66.8	106.7	111.3
Maximum refrigerant pipe length, m	25.0	30.0	50.0	65.0	65.0	65.0
Maximum height difference, m	10.0	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	-15 - +50
Operating conditions in heating mode, °C	-15 - +24	-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.