



RAC LCAC AIR CONDITIONERS



WALL MOUNTED DC INVERTER SPLIT SYSTEMS

HYPER NORDIC SERIES

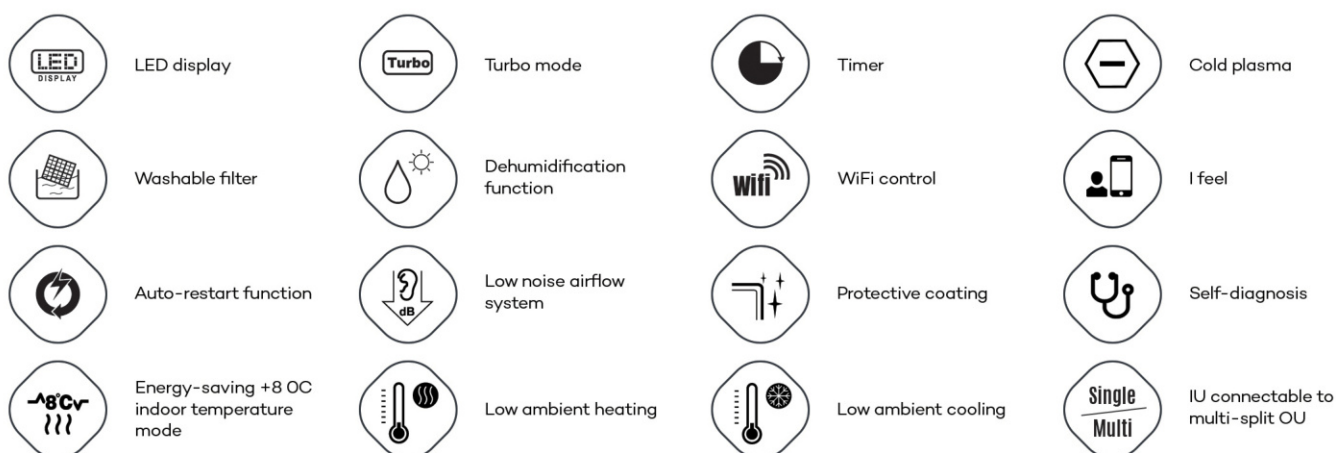


ALPICAIR

COMFORT FOR YOU

DC INVERTER HYPER NORDIC SERIES

Experience year-round comfort with the energy-efficient AlpicAir inverter air conditioner. Designed to perform in extreme weather, it delivers powerful yet quiet cooling and can keep indoor temperatures as low as +8 °C.



Model		AWI/AWO-20HRDC1A	AWI/AWO-40HRDC1A	AWI/AWO-60HRDC1A	AWI/AWO-80HRDC1A
Cooling Capacity	kW	2.7 (0.7–5.0)	3.5 (0.8–5.0)	5.3 (1.2–7.2)	7.0 (2.0–9.0)
Heating Capacity	kW	3.5 (0.7–6.5)	4.2 (0.9–7.2)	5.6 (1.2–9.2)	7.0 (2.0–9.5)
Power input	Cooling	0.6 (0.1–1.8)	0.8 (0.1–1.9)	1.3 (0.4–2.5)	1.9 (0.5–3.7)
Power input	Heating	0.7 (0.1–2.4)	1.0 (0.1–2.6)	1.3 (0.4–3.3)	1.8 (0.4–3.8)
Power supply	V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50
Seasonal cooling efficiency (SEER)	-	8.50	8.50	6.60	6.50
Seasonal heating efficiency (SCOP)	-	5.10	5.10	4.40	4.10
Energy efficiency class	Cooling/heating	A+++ / A+++	A+++ / A+++	A++ / A+	A++ / A+
Indoor unit air flow volume	m³/h	800/630/350	800/630/430	1200/950/600	1200/900/750
Indoor unit sound pressure (L _p)	dB(A)	44/36/22	46/38/21	46/38/21	50/41/35
Outdoor unit sound pressure (L _p)	dB(A)	53	54	56/55	58
Indoor unit dimensions (WxHxD)	mm	998×301×225	998×301×225	1101×327×249	1101×327×249
Outdoor unit dimensions (WxHxD)	mm	899×596×378	899×596×378	980×790×427	980×790×427
Indoor unit weight	kg	13.0	13.5	16.5	16.5
Outdoor unit weight	kg	44.5	45.5	62.5	65.0
Refrigerant		R32 (1000 g)	R32 (1000 g)	R32 (1500 g)	R32 (2000 g)
Maximum refrigerant pipe length	m	15	40	40	50
Maximum height difference	m	10	20	20	30
Operating conditions in cooling mode	°C	-25 ~ +52	-25 ~ +52	-25 ~ +52	-25 ~ +52
Operating conditions in heating mode	°C	-30 ~ +24	-30 ~ +24	-30 ~ +24	-30 ~ +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.

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WALL MOUNTED DC INVERTER SPLIT SYSTEMS

PREMIUM PRO III SERIES

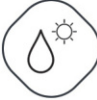
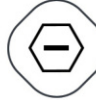


COMFORT FOR YOU

DC INVERTER PREMIUM PRO III SERIES

AlpicAir inverter conditioners are silent and efficient, providing a good ambient environment with low energy consumption. New fashionable design and environment friendly refrigerant R32 is applied in the unit.



	LED display		Dehumidification function		Child lock		Cold plasma
	Washable filter		Low noise airflow system		WiFi control		I feel
	Auto-restart function		Low ambient heating		3D air flow		Self-diagnosis
	Energy-saving +8°C indoor temperature mode		IU Connectable to multi-split OU		Wired controller with MODBUS (optional)		On/off access control (optional)

Model		AWI/AWO-26HRDC1G	AWI/AWO-36HRDC1G	AWI/AWO-54HRDC1G	AWI/AWO-71HRDC1G
Cooling Capacity	kW	2,7 (0,80–3,60)	3,5 (0,90–4,30)	5,3 (1,00–6,40)	7,1 (2,00–8,85)
Heating Capacity	kW	3,0 (0,90–3,80)	3,8 (0,90–4,70)	5,6 (1,20–6,80)	7,8 (1,80–9,45)
Power input	Cooling	kW	0,7 (0,10–1,30)	0,9 (0,12–1,50)	1,5 (0,10–2,30)
Power input	Heating	kW	0,7 (0,15–1,40)	0,9 (0,18–1,80)	1,4 (0,20–2,35)
Power supply	V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50
Seasonal cooling efficiency (SEER)	-	8,40	7,10	7,30	7,00
Seasonal heating efficiency (SCOP)	-	4,50	4,10	4,20	4,20
Energy efficiency class	Cooling/heating	A++ / A+	A++ / A+	A++ / A+	A++ / A+
Indoor unit air flow volume	m³/h	610/530/500/440/380/310/280	650/580/440/380/330/310	1000/960/870/810/720/640/600	1250/1100/1000/950/900/850/800
Indoor unit sound pressure (L _p)	dB(A)	38/36/34/31/26/24/22	43/39/37/34/31/28/25	47/45/43/41/35/30/28	48/44/41/40/38/37/35
Outdoor unit sound pressure (L _p)	dB(A)	51	52	56	59
Indoor unit dimensions (WxHxD)	mm	867×276×206	867×276×206	978×333×248	1116×333×248
Outdoor unit dimensions (WxHxD)	mm	732×555×330	732×555×330	802×555×350	958×660×402
Indoor unit weight	kg	9	9	13,5	15,5
Outdoor unit weight	kg	24,5	25,5	31,5	41,5
Refrigerant		R32 (510 g)	R32 (550 g)	R32 (850 g)	R32 (1500 g)
Maximum refrigerant pipe length	m	15	20	25	25
Maximum height difference	m	10	10	10	10
Operating conditions in cooling mode	°C	-15 - +50	-15 - +50	-15 - +50	-15 - +50
Operating conditions in heating mode	°C	-25 - +30	-25 - +30	-25 - +30	-25 - +30

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.

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WALL MOUNTED DC INVERTER SPLIT SYSTEMS

TRENDY SERIES



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COMFORT FOR YOU

DC INVERTER TRENDY BLACK SERIES

Trendy black series has new fashionable design. The ultraviolet lamp inhibits the growth of bacteria and viruses.



LED display



Dehumidification function



R32 refrigerant



Ultraviolet lamp



Washable filter



Low noise airflow system



Child lock



I feel



Auto-restart function



Low ambient heating



WiFi control



IU connectable to multi-split OU



Energy-saving +8°C indoor temperature mode



3D air flow



Wired controller with MODBUS (optional)



On/off access control (optional)

Model		AWO/AWI-26HRDC1TB	AWO/AWI-36HRDC1TB	AWO/AWI-54HRDC1TWB
Cooling Capacity	kW	2,7 (0,8–3,7)	3,51 (0,9–4,4)	5,3 (0,85–6,3)
Heating Capacity	kW	3,0 (0,9–4,1)	3,81 (0,9–4,7)	5,35 (1,05–7,0)
Power input	Cooling	0,67 (0,10–1,30)	0,99 (0,22–1,40)	1,58 (0,10–2,30)
Power input	Heating	0,68 (0,15–1,40)	0,96 (0,22–1,65)	1,39 (0,24–2,35)
Power supply	V/ph/Hz	230/1/50	230/1/50	230/1/50
Seasonal cooling efficiency (SEER)	-	8,5	7,2	7,3
Seasonal heating efficiency (SCOP)	-	4,6	4,1	4,2
Energy efficiency class	Cooling/heating	A+++ / A++	A++ / A+	A++ / A+
Indoor unit air flow volume	m³/h	610/570/540/470/440/420/390	680/620/560/490/450/420/390	1000/850/760/650/580/520/450
Indoor unit sound pressure (L _p)	dB(A)	38/37/34/31/26/23/22	41/38/36/33/30/27/25	45/42/40/37/34/29/26
Outdoor unit sound pressure (L _p)	dB(A)	50	52	56
Indoor unit dimensions (WxHxD)	mm	837×293×200	837×293×200	993×311×222
Outdoor unit dimensions (WxHxD)	mm	732×555×330	732×555×330	802×555×350
Indoor unit weight	kg	9,5	9,5	12,5
Outdoor unit weight	kg	25,0	25,5	31,5
Refrigerant		R32 (530g)	R32 (570g)	R32 (850g)
Maximum refrigerant pipe length	m	15,0	20,0	25,0
Maximum height difference	m	10,0	10,0	10,0
Operating conditions in cooling mode	°C	-15 - +50	-15 - +50	-15 - +50
Operating conditions in heating mode	°C	-25 - +30	-25 - +30	-25 - +30

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.

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WALL MOUNTED DC INVERTER SPLIT SYSTEMS

TRENDY SERIES



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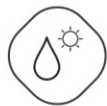
COMFORT FOR YOU

DC INVERTER TRENDY WHITE SERIES

Trendy white series has new fashionable design. The ultraviolet lamp inhibits the growth of bacteria and viruses.



LED display



Dehumidification
function



R32 refrigerant



Ultraviolet lamp



Washable filter



Low noise airflow
system



Child lock



I feel



Auto-restart function



Low ambient heating



WiFi control



IU connectable to
multi-split OU



Energy-saving +8°C
indoor temperature
mode



3D air flow



Wired controller with
MODBUS (optional)



On/off access control
(optional)

Model			AWO/AWI-26HRDC1TW	AWO/AWI-36HRDC1TW1	AWO/AWI-54HRDC1TW1	AWO/AWI-71HRDC1TW1
Cooling Capacity		kW	2,7 (0,8–3,7)	3,51 (0,9–4,4)	5,3 (0,85–6,3)	7,1 (1,8–7,8)
Heating Capacity		kW	3,0 (0,9–4,1)	3,81 (0,9–4,7)	5,35 (1,05–7,0)	7,3 (1,5–9,4)
Power input	Cooling	kW	0,67 (0,1–1,3)	0,989 (0,22–1,4)	1,582 (0,1–2,3)	2,03 (0,45–2,9)
Power input	Heating	kW	0,68 (0,15–1,4)	0,957 (0,22–1,65)	1,393 (0,24–2,35)	1,87 (0,350–3,5)
Power supply		V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50
Seasonal cooling efficiency (SEER)		-	8,50	7,20	7,30	7,00
Seasonal heating efficiency (SCOP)		-	4,60	4,10	4,20	4,30
Energy efficiency class	Cooling/heating		A++ / A+	A++ / A+	A++ / A+	A++ / A+
Indoor unit air flow volume		m³/h	610/570/540/470/440/420/390	680/620/560/490/450/420/390	1000/850/760/650/580/520/450	1000/850/760/580/520/450/400
Indoor unit sound pressure (L _p)		dB(A)	38/37/34/31/26/23/22	41/38/36/33/30/27/25	45/42/40/37/34/29/26	48/44/41/40/38/36/33
Outdoor unit sound pressure (L _p)		dB(A)	50	52	56	59
Indoor unit dimensions (WxHxD)		mm	837×293×200	837×293×200	993×311×222	993×311×222
Outdoor unit dimensions (WxHxD)		mm	732×555×330	732×555×330	802×555×350	958×660×402
Indoor unit weight		kg	9,5	9,5	12,5	13
Outdoor unit weight		kg	25,0	25,5	31,5	45,0
Refrigerant			R32 (530g)	R32 (570g)	R32 (850g)	R32 (1400g)
Maximum refrigerant pipe length		m	15	20	25	25
Maximum height difference		m	10	10	10	10
Operating conditions in cooling mode		°C	-15 - +50	-15 - +50	-15 - +50	-15 - +50
Operating conditions in heating mode		°C	-25 - +30	-25 - +30	-25 - +30	-25 - +30

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.

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WALL MOUNTED DC INVERTER SPLIT SYSTEMS

ECO X SERIES

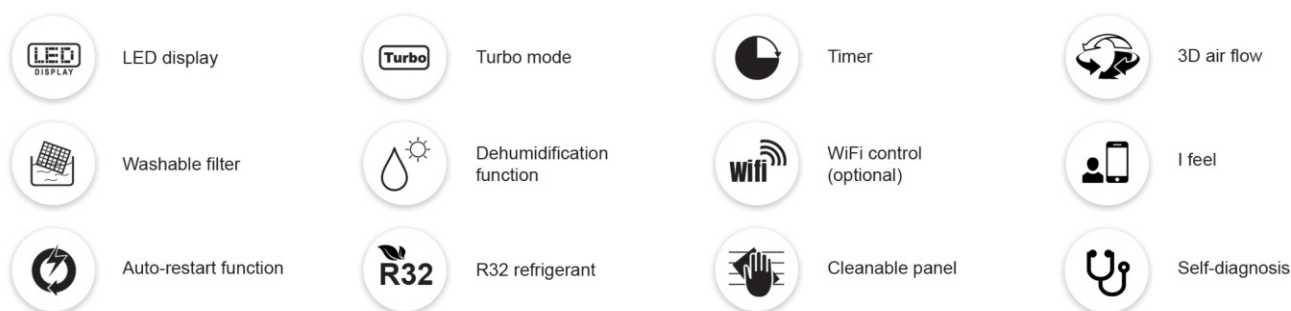


ALPICAIR

COMFORT FOR YOU

DC INVERTER ECO X SERIES

NEW ECO X is a modern and stylish design air conditioner that matches any interior décor. Environment friendly refrigerant R32 is applied in the unit. The operating mode is conveniently displayed on the appliance's LED screen.



Model		AWI/AWO-25HRDC1XD	AWI/AWO-35HRDC1XD	AWI/AWO-54HRDC1XC	AWI/AWO-71HRDC1XC
Cooling Capacity	kW	2,65 (0,6-3,1)	3,5 (0,8-3,8)	5,1 (1,3-5,3)	7,3 (1,8-7,4)
Heating Capacity	kW	2,7 (0,8-3,4)	3,6 (1,0-4,1)	5,2 (1,3-5,3)	7,2 (1,8-8,0)
Power input	Cooling	kW	0,81 (0,1-1,6)	1,067 (0,28-1,8)	2,2 (0,23-2,76)
Power input	Heating	kW	0,72 (0,3-1,6)	1,40 (0,22-1,5)	2,2 (0,23-2,53)
Power supply	V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50
Seasonal cooling efficiency (SEER)	-	6,50	6,20	6,70	6,53
Seasonal heating efficiency (SCOP)	-	4,00	4,00	4,00	4,09
Energy efficiency class	Cooling/heating	A++ / A+	A++ / A+	A++ / A+	A++ / A+
Indoor unit air flow volume	m³/h	600/530/480/420	600/520/460/390	850/770/680/600	1300/1150/1010/870
Indoor unit sound pressure (L _p)	dB(A)	43/38/34/30/27	43/38/34/30/27	47/44/41/36/31	50/46/42/37/32
Outdoor unit sound pressure (L _p)	dB(A)	53	52	57	63
Indoor unit dimensions (WxHxD)	mm	750x285x200	750x285x200	900x310x225	1082x330x233
Outdoor unit dimensions (WxHxD)	mm	649x456x244	708x530x258	715x537x280	900x700x350
Indoor unit weight	kg	7,5	8,0	10,0	12,5
Outdoor unit weight	kg	18,5	21,0	23,0	39,0
Refrigerant		R32 (570g)	R32 (540g)	R32 (540g)	R32 (1300g)
Maximum refrigerant pipe length	m	20	20	25	50
Maximum height difference	m	10	10	15	25
Operating conditions in cooling mode	°C	-10 - +49	-10 - +49	-10 - +49	-10 - +49
Operating conditions in heating mode	°C	-15 - +30	-15 - +30	-15 - +30	-15 - +32

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.

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WALL MOUNTED DC INVERTER SPLIT SYSTEMS

ECO PRO III SERIES



ALPICAIR

COMFORT FOR YOU

DC INVERTER ECO PRO III SERIES

NEW ECO PRO III is a modern and stylish design air conditioner that matches any interior décor. Environment friendly refrigerant R32 is applied in the unit. The operating mode is conveniently displayed on the appliance's LED screen.



LED display



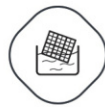
Turbo mode



Timer



Energy-saving +8°C indoor temperature mode



Washable filter



Dehumidification function



WiFi control



I feel



Auto-restart function



IU Connectable to multi-split OU



Wired controller with MODBUS (optional)



On/off access control (optional)

Model		AWI/AWO-26HRDC1F	AWI/AWO-33HRDC1F	AWI/AWO-51HRDC1F	AWI/AWO-71HRDC1F
Cooling Capacity	kW	2,5 (0,50–3,25)	3,2 (0,90–3,60)	4,6 (1,00–5,40)	6,2 (1,80–6,90)
Heating Capacity	kW	2,8 (0,50–3,70)	3,4 (0,90–4,00)	5,2 (0,75–5,80)	6,5 (1,30–7,00)
Power input	Cooling	kW	0,7 (0,15–1,30)	1,0 (0,22–1,30)	1,3 (0,15–1,90)
Power input	Heating	kW	0,7 (0,14–1,50)	0,9 (0,22–1,50)	1,3 (0,16–1,90)
Power supply	V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50
Seasonal cooling efficiency (SEER)	-	6,60	6,00	7,20	6,80
Seasonal heating efficiency (SCOP)	-	4,10	7,50	4,00	4,00
Energy efficiency class	Cooling/heating	A++ / A+	A++ / A+	A++ / A+	A++ / A+
Indoor unit air flow volume	m³/h	500/470/430/390/320/270/250	590/520/480/400/350/320/280	1000/960/870/810/720/640/600	1050/900/740/690/640/590/540
Indoor unit sound pressure (L _p)	dB(A)	38/36/34/32/28/25/21	41/37/35/33/30/26/24	47/45/43/41/35/30/28	50/46/44/42/40/36/32
Outdoor unit sound pressure (L _p)	dB(A)	50	52	55	59
Indoor unit dimensions (WxHxD)	mm	708×260×185	783×260×185	943×333×246	943×333×246
Outdoor unit dimensions (WxHxD)	mm	732×555×330	732×555×330	732×555×330	873×555×376
Indoor unit weight	kg	7	8	13	13,5
Outdoor unit weight	kg	24,5	25	27,5	36,5
Refrigerant		R32 (480 g)	R32 (550 g)	R32 (770 g)	R32 (1210 g)
Maximum refrigerant pipe length	m	15	20	25	25
Maximum height difference	m	10	10	10	10
Operating conditions in cooling mode	°C	-15 - +43	-15 - +43	-15 - +43	-15 - +43
Operating conditions in heating mode	°C	-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.

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INVERTER MULTI-SPLIT PRO II SYSTEMS



COMFORT FOR YOU

INVERTER MULTI-SPLIT PRO II SYSTEMS



Various Combinations

Different units for choices, the same comfortable feeling for you.

Inverter Technology

- Lower energy consumption
- Lower noise, more comfort
- Precise temperature control

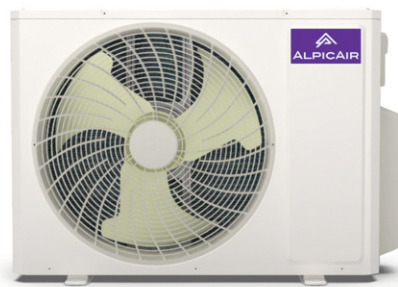
-22°C Low Temperature Option

Operate finely when heating at -22°C.

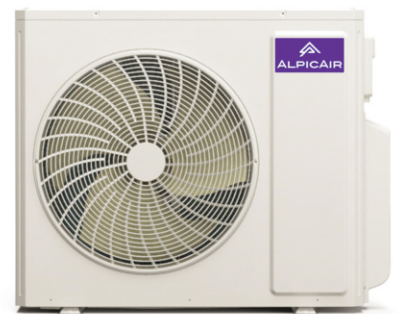
OUTDOOR UNITS



AM20-51HRDC1A



AM30-71HRDC1A
AM40-81HRDC1A



AM40-100HRDC1A
AM50-120HRDC1A

MULTI-SPLIT AIR CONDITIONER OUTDOOR UNIT

Model			AM20-51HRDC1A	AM30-71HRDC1A	AM40-81HRDC1A	AM40-100HRDC1A	AM50-120HRDC1A
Cooling capacity		kW	5,3 (2,1-5,8)	7,1 (2,3-9,2)	8,0 (2,3-11,0)	10,6 (2,6-12,0)	12,1 (2,6-15,2)
Heating capacity		kW	5,6 (2,6-6,5)	8,6 (2,8-9,2)	9,5 (2,8-10,2)	12,0 (3,0-14,0)	13,0 (3,0-15,5)
Power input	Cooling	kW	1,4 (0,3-2,5)	1,9 (0,6-3,4)	2,1 (0,8-3,6)	3,0 (0,8-4,6)	3,4 (0,8-4,6)
Power input	Heating	kW	1,2 (0,4-2,5)	2,2 (0,6-3,0)	2,2 (0,7-3,6)	3,0 (1,0-5,0)	3,2 (1,0-5,0)
Power supply		V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Rated current		A	11	15	25	30	30
Efficiency ratio (SEER/COP)		-	7,20/4,20	7,10/4,30	7,20/4,20	7,20 4,00	7,20 4,00
Energy efficiency class	Cooling/heating		A++/A+	A++/A+	A++/A+	A++/A+	A++/A+
Refrigerant			R32	R32	R32	R32	R32
Sound pressure (L _p)		dB(A)	54,0	58,0	58,0	60,0	60,0
Sound power (L _w)		dB(A)	64,0	68,0	68,0	70,0	72,0
Net dimensions (W×H×D)		mm	822×550×352	964×660×402	964×660×402	1020×826×427	1020×826×427
Weight (brutto/neto)		kg	34,5/32	52/47,5	55,5/51	79/72	80/73
Piping distance (horizontal (one/all))		m	20/40	20/60	20/70	25/80	25/100
Piping distance (vertical)		m	15	15	15	25	25
Operating conditions in cooling mode		°C	-15 - +43	-15 - +43	-15 - +43	-15 - +43	-15 - +43
Operating conditions in heating mode		°C	-22 - +24	-22 - +24	-22 - +24	-22 - +24	-22 - +24

INDOOR UNITS

WALL MOUNTED PREMIUM PRO III SERIES



Model		AWI-26HRDC1G	AWI-36HRDC1G	AWI-54HRDC1G	AWI-71HRDC1G
Cooling Capacity	kW	2.7	3.51	5.3	7.1
Heating Capacity	kW	3.0	3.81	5.6	7.8
Ventilator air flow (SH/H/MH/M/ML/L/SL)	m³/h	610/530/500/440/380/310/280	650/580/440/380/330/310	1000/960/870/810/720/640/600	1250/1100/1000/950/900/850/800
Sound pressure (L _p) (SH/H/MH/M/ML/L/SL)	dB(A)	38/36/34/31/26/24/22	43/39/37/34/31/28/25	47/45/43/41/35/30/28	48/44/41/40/38/37/35
Sound power (L _w) (SH/H/MH/M/ML/L/SL)	dB(A)	58/50/48/45/40/38/36	59/51/49/46/43/40/37	60/58/56/54/48/44/41	64/59/56/55/53/51/48
Net dimensions (WxHxD)	mm	867×276×206	867×276×206	978×333×248	1116×333×248
Weight (brutto/neto)	kg	11,0 / 9,0	11,0/9,0	16,0/13,5	18,5/15,5
Pipe connections (liquid/gas), inch (mm)		1/4 - 3/8 (6,35 - 9,52)	1/4 - 3/8 (6,35 - 9,52)	1/4 - 1/2 (6,35 - 12,7)	1/4 - 5/8 (6,35 - 15,88)



LED display



Dehumidification function



Child lock



Cold plasma



Washable filter



Low noise airflow system



WiFi control



I feel



Auto-restart function



Low ambient heating



3D air flow



Self-diagnosis



Energy-saving +8°C indoor temperature mode



Single
Multi



Wired controller with MODBUS (optional)



On/off access control (optional)

TRENDY BLACK



Model		AWI-26HRDC1TB	AWI-36HRDC1TB	AWI-54HRDC1TB
Cooling Capacity	kW	2.7	3.5	5.2
Heating Capacity	kW	3.0	3.8	5.6
Ventilator air flow (SH/H/MH/M/ML/L/SL)	m³/h	610/570/540/470/440/420/390	720/600/570/530/500/460/430	880/760/650/620/600/550
Sound pressure (L _p) (SH/H/MH/M/ML/L/SL)	dB(A)	38/37/34/31/26/23/22	43/39/37/35/32/30/24	45/42/40/37/34/29/26
Sound power (L _w) (SH/H/MH/M/ML/L/SL)	dB(A)	58/51/48/45/40/37/36	60/53/45/49/46/44/38	60/57/54/52/49/44/41
Net dimensions (WxHxD)	mm	837×293×200	837×293×200	993×311×222
Weight (brutto/neto)	kg	11,5/9,5	11,5/9,5	15,5/13,0
Pipe connections (liquid/gas), inch (mm)		1/4 - 3/8 (6,35 - 9,52)	1/4 - 3/8 (6,35 - 9,52)	1/4 - 1/2 (6,35 - 12,7)

TRENDY WHITE



Model		AWI-26HRDC1TW	AWI-36HRDC1TW1	AWI-54HRDC1TW1	AWI-71HRDC1TW1
Cooling Capacity	kW	2.7	3.5	5.3	7.1
Heating Capacity	kW	3.0	3.8	5.3	7.3
Ventilator air flow (SH/H/MH/M/ML/L/SL)	m³/h	610/570/540/470/440/420/390	680/620/560/490/450/420/390	1000/850/760/650/580/450	1000/850/760/580/520/450/400
Sound pressure (L _p) (SH/H/MH/M/ML/L/SL)	dB(A)	38/37/34/31/26/23/22	41/38/36/33/30/27/25	45/42/40/37/34/29/26	48/44/41/40/38/36/33
Sound power (L _w) (SH/H/MH/M/ML/L/SL)	dB(A)	58/51/48/45/40/37/36	60/52/50/47/44/41/39	60/55/53/50/47/42/39	65/59/56/55/53/51/48
Net dimensions (WxHxD)	mm	837×293×200	837×293×200	993×311×222	993×311×222
Weight (brutto/neto)	kg	11,5/9,5	11,5/9,5	15/12,5	15,5/13,0
Pipe connections (liquid/gas), inch (mm)		1/4 - 3/8 (6,35 - 9,52)	1/4 - 3/8 (6,35 - 9,52)	1/4 - 1/2 (6,35 - 12,7)	1/4 - 5/8 (6,35 - 15,9)

	LED display		Dehumidification function		Timer		Ultraviolet lamp
	Washable filter		Low noise airflow system		Child lock		I feel
	Auto-restart function		Low ambient heating		WiFi control		Self-diagnosis
	Energy-saving +8°C indoor temperature mode		3D air flow		Wired controller with MODBUS (optional)		On/off access control (optional)

ECO PRO III



Model		AWI-26HRDC1F	AWI-33HRDC1F	AWI-51HRDC1F	AWI-71HRDC1F
Cooling Capacity	kW	2.5	3.2	4.6	6.2
Heating Capacity	kW	2.8	3.4	5.2	6.5
Ventilator air flow (SH/H/MH/M/ML/L/SL)	m³/h	500/470/430/390/320/270/250	590/520/480/400/350/320/280	1000/960/870/810/720/640/600	1050/900/740/690/640/590/540
Sound pressure (L _w) (SH/H/MH/M/ML/L/SL)	dB(A)	38/36/34/32/28/25/21	41/37/35/33/30/26/24	47/45/43/41/35/30/28	50/46/44/42/40/36/32
Sound power (L _w) (SH/H/MH/M/ML/L/SL)	dB(A)	55/48/46/44/40/37/33	55/49/47/45/42/38/36	60/58/56/54/48/44/41	65/56/54/52/50/46/42
Net dimensions (WxHxD)	mm	732x555x330	783x260x185	943x333x246	943x333x246
Weight (brutto/neto)	kg	8,5/7,0	9,5/8,0	15,5/13	16,0/13,5
Pipe connections (liquid/gas), inch (mm)		1/4 - 3/8 (6,35 - 9,52)	1/4 - 3/8 (6,35 - 9,52)	1/4 - 3/8 (6,35 - 9,52)	1/4 - 1/2 (6,35 - 12,7)

	LED display		Turbo mode		Timer		Energy-saving +8°C indoor temperature mode
	Washable filter		Dehumidification function		WiFi control		I feel
	Auto-restart function		IU Connectable to multi-split OU		Wired controller with MODBUS (optional)		On/off access control (optional)

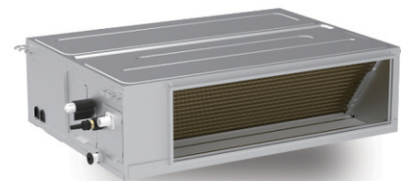
HYPER NORDIC



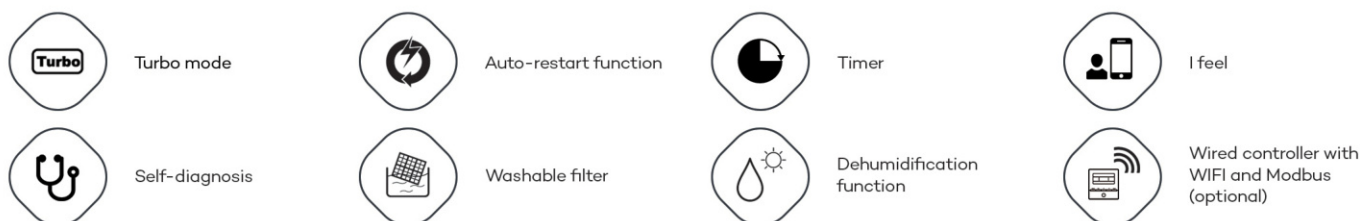
Model		AWI-20HRDC1A	AWI-40HRDC1A	AWI-60HRDC1A	AWI-80HRDC1A
Cooling Capacity	kW	2.7	3.5	5.3	7.0
Heating Capacity	kW	3.5	4.2	5.57	7.0
Ventilator air flow (SH/H/MH/M/ML/L/SL)	m³/h	800/730/680/630/580/450/350	800/730/680/630/580/530/430	1200/1150/1050/950/850/780/600	1200/1050/950/900/850/900/750
Sound pressure (L _w) (SH/H/MH/M/ML/L/SL)	dB(A)	44/43/38/36/31/24/22	46/43/41/38/36/34/21	48/45/43/40/37/35/33	50/46/43/41/39/37/35
Sound power (L _w) (SH/H/MH/M/ML/L/SL)	dB(A)	58/53/48/46/41/34/32	58/55/53/50/48/46/33	60/57/55/52/49/47/45	64/60/57/55/53/51/49
Net dimensions (WxHxD)	mm	996x301x225	996x301x225	1101x327x249	1101x327x249
Weight (brutto/neto)	kg	16/13	16,5/13,5	20,0/16,5	20/16,5
Pipe connections (liquid/gas), inch (mm)		1/4 - 3/8 (6,35 - 9,52)	1/4 - 3/8 (6,35 - 9,52)	1/4 - 5/8 (6,35 - 15,88)	1/4 - 5/8 (6,35 - 15,88)

	LED display		Dehumidification function		WiFi control		Cold plasma
	Washable filter		Low noise airflow system		Protective coating		I feel
	Auto-restart function		Timer		Wired controller with MODBUS (optional)		On/off access control (optional)

DUCT TYPE



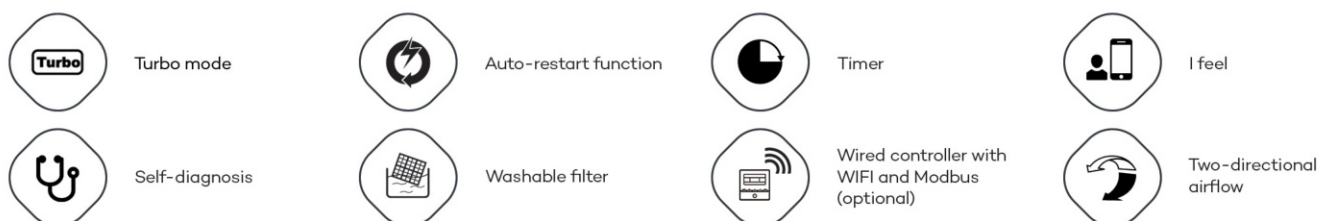
Model		ATMI-26HRDC1A	ATMI-36HRDC1A	ATMI-53HRDC1A
Cooling Capacity	kW	2.65	3.5	5.0
Heating Capacity	kW	2.8	4.0	5.5
Ventilator air flow (SH/H/MH/M/ML/L/SL)	m³/h	700/670/640/610/580/550/520	650/560/520/480/450/410/380	880/840/810/790/770/750/730
Sound pressure (L _p) (SH/H/MH/M/ML/L/SL)	dB(A)	41/39/38/37/36/35/34	39/37/36/35/34/33/32	41/39/39/38/38/37/34
Sound power (L _w) (SH/H/MH/M/ML/L/SL)	dB(A)	57/55/54/53/52/51/50	55/53/52/51/50/49/48	57/55/55/54/54/53/50
Net dimensions (WxHxD)	mm	710×200×450	710×200×450	1010×200×450
Weight (brutto/neto)	kg	22,5/18,5	23/19	30/25
Pipe connections (liquid/gas), inch (mm)		1/4 - 3/8 (6,35 - 9,52)	1/4 - 3/8 (6,35 - 9,52)	1/4 - 1/2 (6,35 - 12,7)



4-WAY CASSETTE



Model		ACCOMI-28HRDC1A	ACCOMI-36HRDC1A	ACCOMI-53HRDC1A	ACMI-70HRDC1A
Cooling capacity	kW	2.8	3.5	5.0	7.0
Heating capacity	kW	2.8	4.0	5.5	8.0
Ventilator air flow (SH/H/MH/M/ML/L/SL)	m³/h	560/540/490/450/420/380/350	560/540/490/450/420/380/350	650/540/490/450/420/380/350	1100/1050/950/910/870/830/800
Sound pressure (L _p) (SH/H/MH/M/ML/L/SL)	dB(A)	40/38/36/34/32/30/28	40/38/36/34/32/30/28	43/39/36/34/32/30/28	44/43/42/40/39/38/37
Sound power (L _w) (SH/H/MH/M/ML/L/SL)	dB(A)	57/55/52/50/48/46/44	57/55/52/50/48/46/44	59/55/52/50/48/46/44	62/61/60/59/58/57/55
Net dimensions Body (W×H×D)	mm	570×265×570	570×265×570	570×265×570	840×240×840
Net dimensions Panel (W×H×D)	mm	620×475×620	620×475×620	620×475×620	950×52×950
Weight Body (brutto/neto)	kg	22/17	22/17	22/17	36/29
Weight Panel (brutto/neto)	kg	4,0/3,0	4,0/3,0	4,0/3,0	9,5/6,0
Pipe connections (liquid/gas), inch (mm)		1/4 - 3/8 (6,35 - 9,53)	1/4 - 3/8 (6,35 - 9,53)	1/4 - 1/2 (6,35 - 12,7)	1/4 - 5/8 (6,35 - 15,88)



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.

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PORTABLE AIR CONDITIONER



LED display



Washable filter



Auto-restart
function



Dehumidification
function



Timer



Night mode



Auto swing



Self-diagnosis



Clock

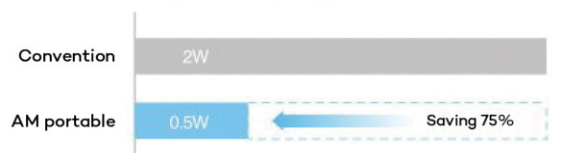
R290 Eco-friendly refrigerant

There's no chlorine atoms in the molecule of R290. Therefore, R290'S ODP is 0 and it will not destroy the ozone sphere. Moreover, compared with HFC which also will not destroy the ozone sphere, R290's GWP value is almost 0.



0.5W Standby

AlpicAir new air conditioners save your money even when it is off. Intelligent on-off technology enables Alpicair products automatically enter energy saving mode when on standby mode, cut energy consumption from conventional 2W to 0.5W which counts 75% of saving.



Model		AM-35CNR1A
Cooling capacity	kW	3,5
Power input	kW	1,4
Operation temperature (room)	°C	+17 - +35
Sound pressure (L _p) (Hi/Med/Low)	dB(A)	52/51/50,5
Refrigerant		R290
Application area	m ²	16 - 23
Net dimensions (W×H×D)	mm	467×765×397

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.

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DEHUMIDIFIER



Washable filter



Comfortable dehumidifying system



LED display



Auto-restart function



Timer



Low noise airflow system



Turbo boost clothes drying system



Self-diagnosis

Fast drying

Put the clothes and dehumidifier in a closed indoor space when using drying function. The air outlet of dehumidifier shall face the clothes; better drying effect can be reached after starting drying mode. When the drying indicator is on, it enters into drying mode and the unit keeps operating under this mode. After drying is completed, room humidity shall be maintained within certain ranges to prevent the clothes from going moldy.



Accurate humidity control

With high precision humidity sensor, user can conduct setting within the range between 35% 85%. According to the ambient humidity detected automatically, the unit controls ON and OFF precisely.



Model		AR-24TN1	AR-40TN1
Power supply	(V/ph/Hz)	230/1/50	230/1/50
Capacity	L/24h	20	40
Power input	W	345	570
Rated current	A	1.9	3.1
Ventilator air flow (Hi/Low)	m³/h	130/115/105	230/195/170
Sound pressure (L _p) (Hi/Low)	dB(A)	43/41/39	46/43/41
Net dimensions (W×H×D)	mm	367×582×246	390×628×286
Packing dimensions (W×H×D)	mm	431×620×314	464×670×351
Weight	kg	15/16.5	22/23.5
Water tank size	L	3.5/4	6.5/7
Control		Electronic	Electronic

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.

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CAMPER AC

DC INVERTER



ALPICAIR

COMFORT FOR YOU

CAMPER AC



COMPACT SIZE

We use high quality PP plastic for the casing of the outdoor unit (EPP foam for the base) to ensure a solid body. The weight of the outdoor unit is down by 17.6%, which lowers the gravity center of the vehicle and makes the driving agile and steady. Flexible material is adopted to reduce mechanical vibration and avoid sympathetic vibration, enabling a quiet space inside the vehicle.



OUTDOOR UNIT



PP PLASTIC

- Lighter outdoor unit
- Less mechanical vibration
- Quiet and more comfortable

Model		AMI/AMO-25HRDC1	
Cooling Capacity	kW	2.6 (1.15-2.93)	
Heating Capacity	kW	2.5 (1.15-2.80)	
Power input	Cooling	kW	0.9 (0.55-1.30)
Power input	Heating	kW	0.8 (0.43-0.95)
Power supply	V/ph/Hz	230/1/50	
Cooling efficiency (EER)	-	2.8	
Heating efficiency (COP)	-	3.2	
Ventilator air flow volume	m³/h	340/290/225	
Sound pressure (L _p)	dB(A)	53/49/42	
Outdoor unit sound pressure (L _p)	dB(A)	54	
Indoor unit dimensions (WxHxD)	mm	610×485×49	
Outdoor unit dimensions (WxHxD)	mm	1077×720×283	
Indoor unit weight	kg	2.7	
Outdoor unit weight	kg	29.5	
Refrigerant		R32	
Operating conditions in cooling mode	°C	18~46	
Operating conditions in heating mode	°C	-5~24	

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.

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A modern office interior featuring a long wooden desk, a brown leather office chair with a gold base, and a large window with vertical blinds. The room is lit with warm, ambient lighting. The background shows a city skyline through the window.

DC INVERTER SUPER SLIM ROUND FLOW CASSETTE

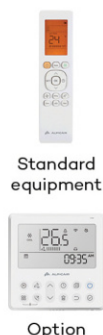
PRO III SERIES



ALPICAIR

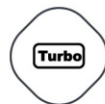
COMFORT FOR YOU

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

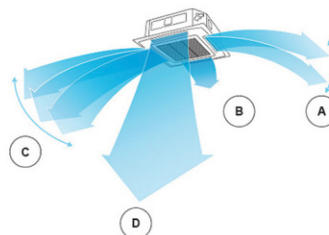
NEW AOU-140/180HRDC3C outdoor unit

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.

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DC INVERTER DUCT MOUNTED SYSTEMS

PRO III SERIES



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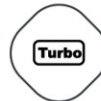
DYNAMIC INVERTER DUCT MOUNTED SYSTEMS PRO III SERIES



Standard equipment



Option



Turbo mode



Auto-restart function



Low ambient cooling



Built-in drain pump



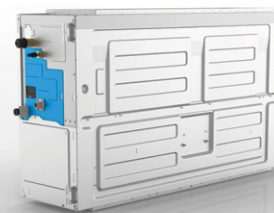
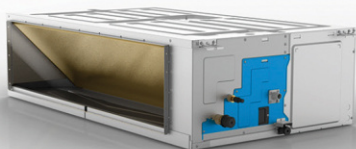
Timer



Adjustable static pressure switch

Two-ways of Installation

Two types of installation methods can be selected: ceiling concealed and floor concealed. AlpicAir duct machine does not need to replace the water tray and the water pump is compatible with two installation methods.



Model			ATI/AOU-53HRDC1A	ATI/AOU-71HRDC1C	ATI/AOU-105HRDC3A	ATI/AOU-140HRDC3C	ATI/AOU-180HRDC3C
Capacity	Cooling	kW	5,28 (1,32 - 6,16)	7,09 (3,23 - 7,92)	10,55 (2,726 - 11,73)	14,07 (3,52 - 15,83)	15,24 (4,10 - 17,29)
	Heating	kW	6,01 (1,50 - 6,31)	8,0 (2,79 - 8,56)	11,72 (2,78 - 12,84)	16,12 (4,11 - 17,59)	18,18 (4,40 - 20,52)
Power input	Cooling	kW	1,59 (0,36 - 2,13)	2,28 (0,75 - 2,86)	3,90 (0,89 - 4,20)	4,50 (0,81 - 6,45)	5,25 (1,03 - 6,65)
	Heating	kW	1,62 (0,50 - 1,85)	2,00 (0,64 - 2,50)	3,30 (0,78 - 4,00)	4,60 (0,95 - 5,80)	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	6.6	6.1	6.1	6.1
Seasonal heating efficiency (SCOP)	-		4.1	4.2	4.0	4.0	4.0
Energy efficiency class	Cooling/heating		A++ / A+	A++ / A+	A++ / A+	A++ / A+	A++ / A+
Refrigerant			R32 (1150 g)	R32 (1400 g)	R32 (2400 g)	R32 (2900 g)	R32 (3200 g)

Indoor unit model			ATI-53HRDC1C	ATI-71HRDC1C	ATI-105HRDC3C	ATI-140HRDC3C	ATI-180HRDC3C
Ventilator air flow	m³/h		900/780/650	1200/1000/700	1700/1400/1100	2000/1700/1300	2200/1900/1500
External static pressure	-		25 (0-160)	25 (0-160)	37 (0-160)	50 (0-160)	50 (0-160)
Sound pressure (L _p)	db (A)		36,5/34/31	33,5/32,5/31	40/37/34	43,5/41,5/39,5	44,5/43/41,5
Dimensions	mm		700x245x750	1000x245x750	1200x245x750	1200x245x750	1200x300x750
Weight	kg		24,44	31,8	38,4	40,4	42,9

Outdoor unit model			AOU-53HRDC1A	AOU-71HRDC1C	AOU-105HRDC3A	AOU-140HRDC3C	AOU-180HRDC3C
Sound Pressure (L _p)	db (A)		59,0	60,0	63,0	64,0	65,0
Unit dimensions	mm		805x554x330	890x673x342	946x810x410	980x975x415	980x975x415
Weight	kg		32,5	41,9	75,5	90,0	92,0
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		-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.

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DC INVERTER CEILING & FLOOR SPLIT SYSTEMS

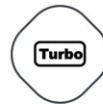
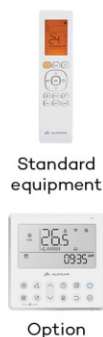
PRO III SERIES



ALPICAIR

COMFORT FOR YOU

DC INVERTER CEILING & FLOOR SPLIT SYSTEMS PRO III SERIES



Turbo mode



Auto-restart function



WiFi control



360° air flow



Timer



Louver position memory

Vertical and horizontal mounting

This floor and ceiling air conditioner offers flexible installation options—mount it vertically or horizontally to suit your space. Ideal for large commercial interiors like service areas, meeting rooms, and event halls.



3D air flow

The unit has auto horizontal swing and auto vertical swing function, which supplies more even and comfortable air flow.



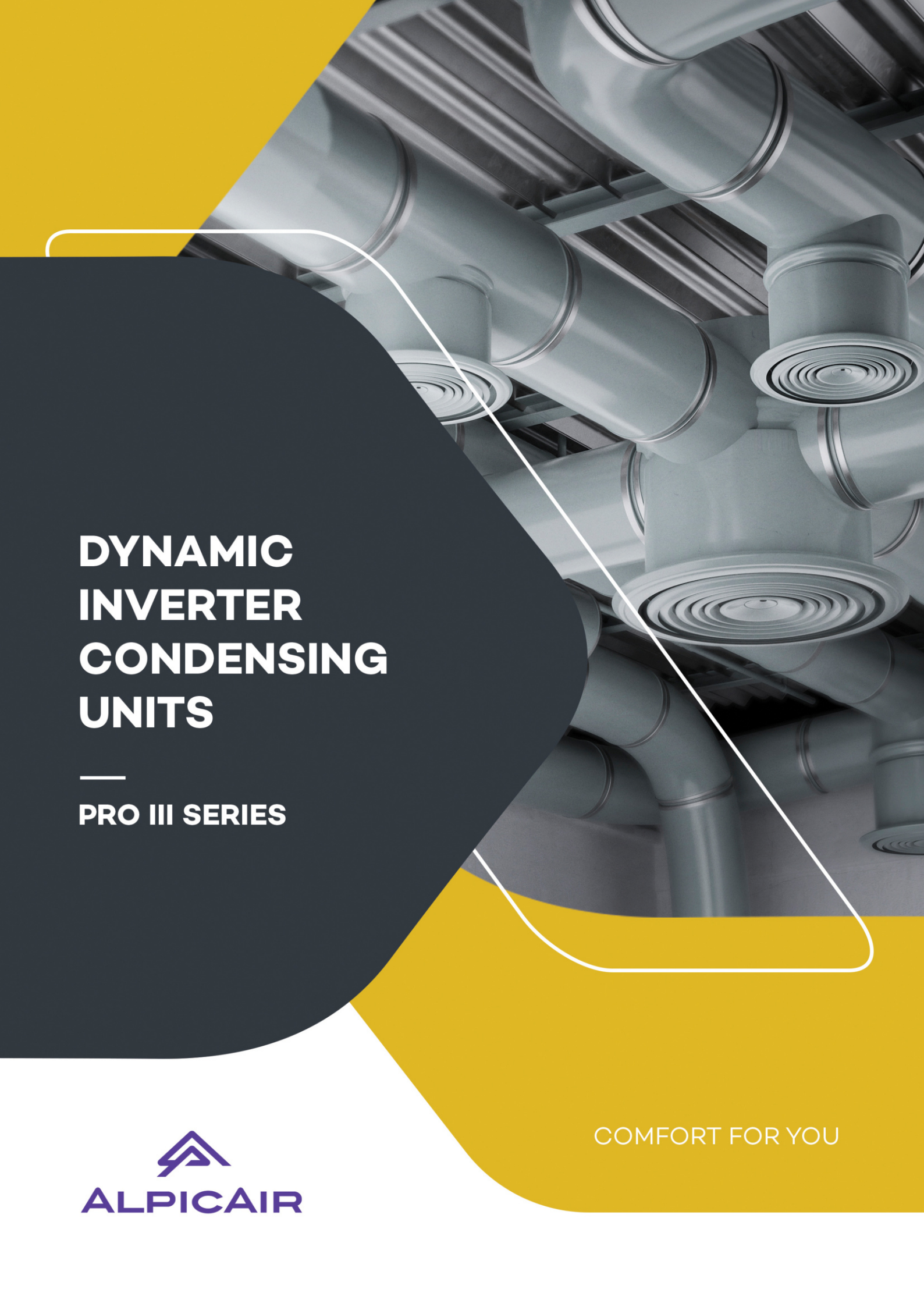
Model			AFI/AOU-53HRDC1A	AFI/AOU-71HRDC1C	AFI/AOU-105HRDC3A	AFI/AOU-140HRDC3C	AFI/AOU-180HRDC3C
Capacity	Cooling	kW	5,28 (2,71-5,86)	7,03 (3,22 - 7,95)	10,55 (2,73 - 11,78)	14,07 (3,52 - 15,24)	15,24 (4,10 - 16,12)
	Heating	kW	5,57 (2,42-6,30)	7,62 (2,72 - 8,50)	11,72 (2,81 - 12,78)	16,12 (4,10 - 17,59)	18,17 (4,40 - 19,35)
Power input	Cooling	kW	1,45 (0,67 - 2,03)	2,30 (0,75 - 2,73)	4,00 (0,89 - 4,30)	5,00 (0,91 - 6,20)	5,90 (1,10 - 6,50)
	Heating	kW	1,50 (0,54 - 1,64)	1,98 (0,65 - 2,94)	3,35 (0,78 - 3,95)	4,80 (0,95 - 5,95)	5,95 (1,12 - 6,35)
Power supply		V/ph/Hz	230/1/50	230/1/50	380-415/3/50	380-415/3/50	380-415/3/50
Seasonal cooling efficiency (SEER)		-	62	63	64	61	61
Seasonal heating efficiency (SCOP)		-	4,0 / 5,1	4,10 / 5,4	4,10 / 5,10	4,0 / 5,1	4,0 / 5,1
Energy efficiency class		Cooling/heating	A++ / A+	A++ / A+	A++ / A+	A++ / A+	A++ / A+
Refrigerant			R32 (1150 g)	R32 (1400 g)	R32 (2400 g)	R32 (2900 g)	R32 (3200 g)

Indoor unit model		AFI-53HRDC1A	AFI-71HRDC1A	AFI-105HRDC3A	AFI-140HRDC3A	AFI-180HRDC3A
Indoor unit air flow volume	m³/h	958/839/723	1192/1023/853	1955/1728/1504	2100/1850/1600	2200/1950/1650
Sound pressure (L _p)	db (A)	43,5/41/36,5/24	49,5/45,5/36,5/22,5	51/47,5/44,5/39	51/49/43/35	53/50/42/36
Dimensions Body	mm	1068×235×675	1068×235×675	1650×235×675	1650×235×675	1650×235×675
Unit weight	kg	28	28	41,5	41,7	42,3

Outdoor unit model		AOU-53HRDC1A	AOU-71HRDC1C	AOU-105HRDC3A	AOU-140HRDC3C	AOU-180HRDC3C
Sound Pressure (L _p)	db (A)	56	60,5	63	64	65
Unit dimensions	mm	805×554×330	890×673×342	946×810×410	980×975×415	980×975×415
Weight	kg	32,5	41,9	80,5	90	92
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	-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.

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DYNAMIC INVERTER CONDENSING UNITS

PRO III SERIES



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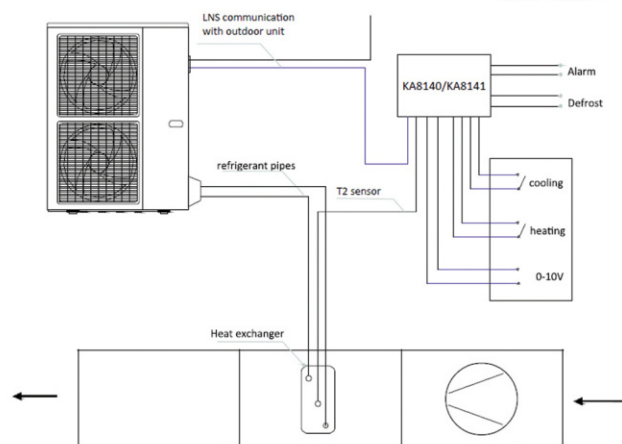
DC INVERTER CONDENSING UNITS PRO III SERIES

AlpicAir Condensing Units

Experience performance, reliability, and efficiency with AlpicAir's wide range of condensing units — engineered to deliver the perfect solution for any application, large or small. Thanks to their extended operating range in both heating and cooling modes, AlpicAir units perform effortlessly even in the most demanding conditions.

Key Benefits:

- **Cost-effective investment** – enjoy affordable equipment and installation without compromising on quality
- **Low maintenance** – designed for long-term reliability
- **Built to last** – robust design ensures a long service life and consistent performance year after year
- **Energy efficient** – optimized components reduce power consumption and lower operating costs
- **Flexible installation** – compact design and multiple configuration options make setup easy in any environment



Model			AOU-35HRDC1B	AOU-53HRDC1B	AOU-71HRDC1B	AOU-105HRDC3A	AOU-140HRDC3C	AOU-180HRDC3C
Capacity	Cooling	kW	3,5 (1,37 - 4,31)	5,3 (1,93 - 6,27)	7,03 (3,02 - 8,79)	10,55 (2,7 - 11,43)	14,07 (3,52-15,83)	15,24 (4,10-17,29)
	Heating	kW	3,81 (1,07 - 4,38)	5,5 (1,29 - 7,0)	7,3 (1,52 - 9,46)	11,14 (2,78 - 12,66)	16,12 (4,11-17,59)	18,18 (4,40-20,52)
Power input	Cooling	kW	1,14 (0,12 - 1,65)	1,55 (0,15 - 2,25)	2,34 (0,34 - 3,45)	4,00 (0,89 - 4,15)	4,50 (0,81 - 6,45)	5,25 (1,03 - 6,65)
	Heating	kW	1,08 (0,11 - 1,48)	1,50 (0,22 - 2,35)	2,13 (0,30 - 3,15)	3,00 (0,78-4,00)	4,60 (0,95 - 5,80)	5,15 (0,95 - 6,60)
Power supply	V/Ph/Hz		230/1/50	230/1/50	230/1/50	380/3/50	380/3/50	380/3/50
Max current	A		72	100	150	100	105	115
Sound Pressure (L _p)	dB(A)		56,0	55,5	60,5	63,0	64,0	65,0
Sound Power (L _p)	dB(A)		65,0	64,0	66,0	70,0	73,0	74,0
Refrigerant			R32 (550 g)	R32 (1100 g)	R32 (1450 g)	R32 (2400 g)	R32 (2900 g)	R32 (3200 g)
Net dimensions (W×H×D)	mm		720×495×270	805×554×330	890×673×342	946×810×410	980×975×415	980×975×415
Weight (brutto/neto)	kg		25/23,2	33,5/36,1	43,9/46,9	85,0/80,5	105/90	107/92
Pipe connections	inch		1/4 - 3/8	1/4 - 1/2	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8
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	°C		-15 - +50	-15 - +50	-15 - +50	-15 - +50	-15 - +50	-15 - +50
Operating conditions in heating mode	°C		-20 - +24	-20 - +24	-20 - +24	-20 - +24	-20 - +24	-20 - +24

*For bigger capacity please refer to AlpicAir VRF catalogue.

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.

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ALPICAIR AIR CONDITIONING

Note: AlpicAir is committed to continuously improving its products to ensure the highest quality and reliability standards and to meet local regulations and market requirements.

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