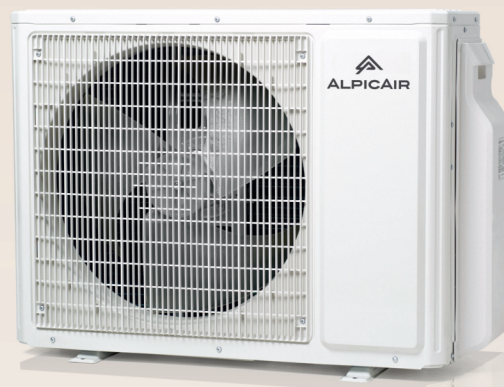


MULTI SPLIT HEAT PUMP SYSTEMS



Free Match Multi Split Outdoor Unit

AlpicAir stylish air conditioners are made of **strong material** and **high-grade components**. Using brushless DC motors ensures **low energy consumption** and **quiet operation**, which helps to save energy and achieve more comfort.



	AM20-18UHPDC2A	AM30-27UHPDC2A	AM40-36UHPDC2A	AM50-48UHPDC2A
Nominal Cooling, BTU/h	18000	27000	36000	48000
Nominal Heating, BTU/h	18000	27000	36000	48000
SEER, BTU / kW	21.3	22.0	22.5	21.5
HSPF, BTU / kW	10.0	9.8	10.3	10.4
EER Cooling, BTU / kW	12.5	12.0	10.0	11.6
Cooling Operating Range, F ° Degrees	-13-122	-13-122	-13-122	-13-122
Heating Operating Range, F ° Degrees	-13-86	-13-86	-13-86	-13-86
Electrical				
Voltage / Phase / Frequency, V/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
Recommended In / Out Cable	14 AWG/4	14 AWG/4	14 AWG/4	14 AWG/4
Minimum Circuit Ampacity, A	18	25	30	35
Recommended Fuse Size, A	25	35	45	50
Specification				
Outdoor Noise Level, dB(A)	62.4	63.4	62.3	64.0
Combined Minimum Length, ft.	10	10	10	10
Combined Maximum Length, ft.	131	197	262	262
Maximum Vertical Differential, ft.	49	49	49	49
Physical				
Net Weight, LBS	105/114	149/160	156/167	223/255
Height Condensing Unit, in.	27.64	31.89	31.89	52.48
Depth Condensing Unit, in.	14.29	16.14	16.14	16.34
Width Condensing Unit, in.	33.27	37.24	37.24	37.48
Refrigerant Type	R410A	R410A	R410A	R410A
Refrigerant Charge, oz.	68	88.2	95	176
Refrigerant piping - Liquid side/ Gas side, in.	1/4" / 3/8"	1/4" / 3/8"	4 x 1/4" / 3 x 3/8" 1 x 1/2"	5 x 1/4" / 3 x 3/8" 2 x 1/2"

Free Match Wall Mounted Indoor Unit

At any moment the user can select for the air conditioner the **most effective** and **favorable operating mode**. LED display ensures a quick overview of the unit operation.



	AWMI-09UHPDC2A	AWMI-12UHPDC2A	AWMI-18UHPDC2A	AWMI-24UHPDC2A
Cooling Capacity, BTU/h	9000	12000	18000	24000
Power Supply, V/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
Indoor Air Flow (Hi/Med/Lo), CFM	264/205/141	306/212/147	559/365/306	618/471/324
Indoor Noise (Hi/Med/Lo), dB(A)	39/-/24.5	39/-/25	45.5/-/34.5	50/-/35.5
Net Dimension (WxDxH), in.	31.57 x 7.44 x 11.69	31.57 x 7.44 x 11.69	42.52 x 8.90 x 13.19	42.52 x 8.90 x 13.19
Packing Dimension (WxDxH), in.	34.45 x 11.22 x 14.76	34.45 x 11.22 x 14.76	45.47 x 16.34 x 12.40	45.47 x 16.34 x 12.40
Net Weight, lb.	18.1	18.1	29.1	29.1
Gross Weight, lb.	22.0	22.0	37.0	37.0
Piping Size Liquid/Gas, in.	1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"	1/4" - 1/2"
Refrigerant Type	R410A	R410A	R410A	R410A

The data measured under the following conditions (ISO-T1). Cooling: Indoor temp. 81°FDB, 66°FWB, and outdoor temp. of 95°FDB. Heating: Indoor temp. 68°FDB, and outdoor temp. of 45°FDB, 43°FWB.

Images of products are provided for illustrative purposes only and the actual products may differ from the image displayed in the catalogue.

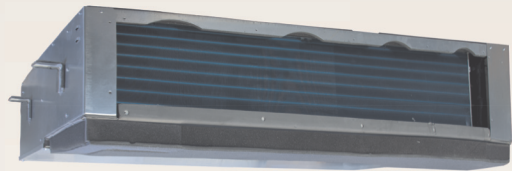
Free Match Cassette Indoor Unit

	ACMI-12UHPDC2A	ACMI-18UHPDC2A
Cooling Capacity, BTU/h	12000	18000
Power Supply, V/Ph/Hz	208-230/60/1	208-230/60/1
Indoor Air Flow (Hi/Med/Lo), CFM	338/288/248	5628/485/439
Indoor Noise (Hi/Med/Lo), dB(A)	41/38/35	46/43/41
Net Dimension Body/Panel (WxDxH), in.	22.44 x 22.44 x 10.24 / 25.47 x 25.47 x 1.97	22.44 x 22.44 x 10.24 / 25.47 x 25.47 x 1.97
Packing Dimension Body/Panel (WxDxH), in.	25.79 x 25.79 x 11.42 / 28.15 x 28.15 x 4.84	25.79 x 25.79 x 11.42 / 28.15 x 28.15 x 4.84
Net Weight Body/Panel, lb.	35.27 / 5.51	39.68 / 5.51
Gross Weight Body/Panel, lb.	41.88 / 9.92	46.3 / 9.92
Piping Size Liquid/Gas, in.	1/4" / 1/2"	1/4" / 1/2"
Refrigerant Type	R410A	R410A












Free Match Ducted Indoor Unit

	ATMI-12UHPDC1	ATMI-18UHPDC1
Cooling Capacity, BTU/h	12000	18000
Power Supply, V/Ph/Hz	208-230/60/1	208-230/60/1
Indoor Air Flow (Hi/Med/Lo), CFM	370/325/270	470/380/310
Indoor Noise (Hi/Med/Lo), dB(A)	40/36/33	43/36/33
Net Dimension (WxDxH), in.	27.56 x 25 x 8.27	36.22 x 25 x 8.27
Packing Dimension (WxDxH), in.	36.02 x 25.79 x 11.42	44.68 x 25.79 x 11.42
Net Weight, lb.	44.09	50.71
Gross Weight, lb.	55.12	63.93
Piping Size Liquid/Gas, in.	1/4" / 1/2"	1/4" / 1/2"
Refrigerant Type	R410A	R410A



Standard Features

 LED Display	 Turbo mode	 Anti-cold air
 Protective coating	 Dehumidification function	 Night mode
 3D DC inverter	 Temperature compensation	 Washable filter
 Low noise airflow system	 Two-directional airflow	 Cleanable panel

Recommended interconnection Cable Type Stranded Cooper Conductors THHN 600V Wire.
Power wiring cable must comply with applicable national and local codes.

Test conditions are based on AHRI 210/240.

The data measured under the following conditions (ISO-T1). Cooling: Indoor temp. 81°FDB, 66°FWB, and outdoor temp. of 95°FDB.
Heating: Indoor temp. 68°FDB, and outdoor temp. of 45°FDB, 43°FWB.

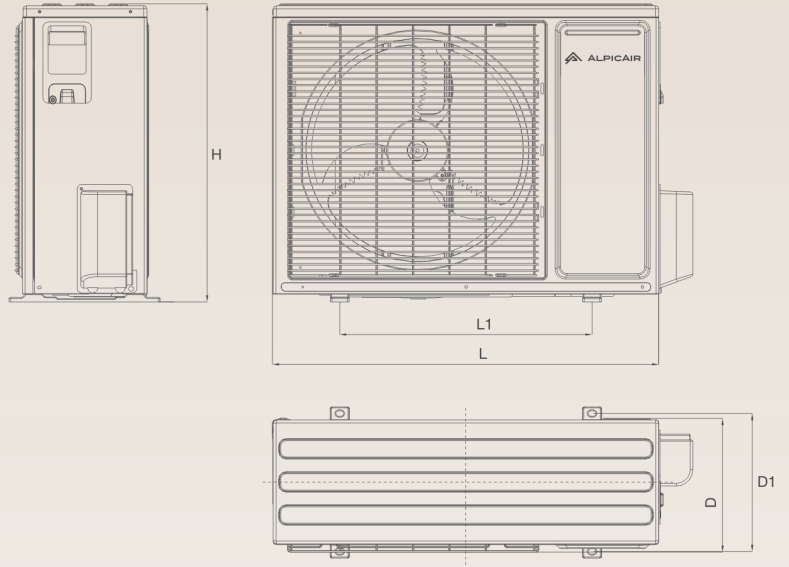
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Outdoor Unit Dimensions

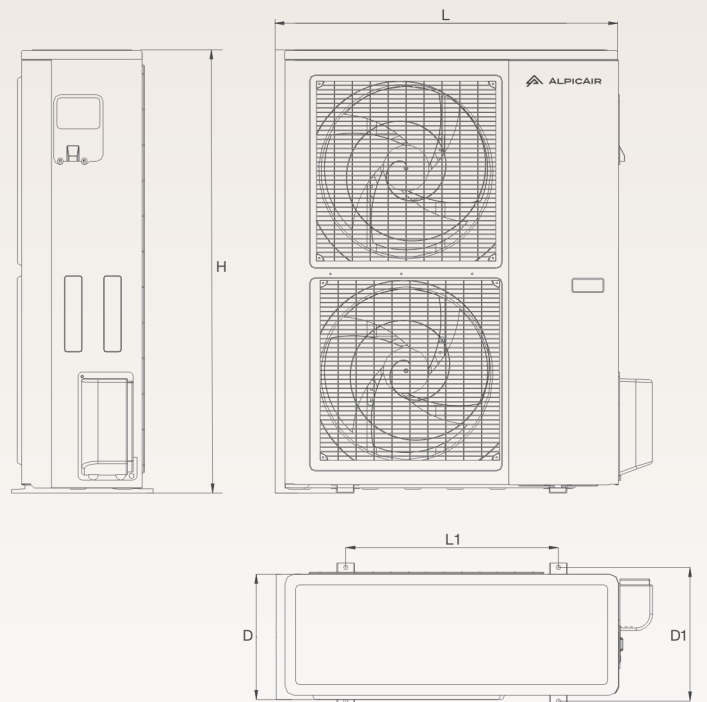
AM20-18UHPDC2A	L	H	D	L1	D1
Inches	33.3	27.6	12.6	22	13.2
Millimetres	845	700	320	560	335

AM30-27UHPDC2A	L	H	D	L1	D1
Inches	35.4	33.9	12.4	23.2	13.1
Millimetres	900	860	315	590	333

AM40-36UHPDC2A	L	H	D	L1	D1
Inches	39	38	13.6	24.6	14.4
Millimetres	990	968	345	624	366



AM50-48UHPDC2A	L	H	D	L1	D1
Inches	36.9	53.9	14.6	25	15.9
Millimetres	938	1369	370	634	405



V 3.15.8

* Under our policy of continuous improvement, we reserve the right to change specifications and design without prior notice.

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