

NEW

PORTABLE AIR CONDITIONERS

DOLCECLIMA AIR PRO 16

[NW]

Size	16
For rooms up to	125 m³
Energy class	A
Filtration	antidust activated carbons



Pro Power Technology

4.1 kW cooling capacity, to cool even large environments, such as open spaces or small commercial premises.

Italian design awarded internationally

Designed by the Italian studio EMO Design, it is immediately recognisable thanks to its essential and original lines, which were awarded the prestigious Good Design Award in 2019. Minimal visual impact also for the capacitive touchscreen display and the motorised flap.

TECHNICAL INFO

- Electrostatic filter with anti-dust function and activated carbon filter, effective against odor.
- No canister: automatic condensate disposal.
- Handy side handles and swivel casters.
- Mobile and fixed installation kits included.



-  **Cooling**
-  **Dehumidification**
-  **Ventilation**
-  **Auto Blue Air**
-  **Auto-diagnosis**
-  **Auto-restart**
-  **Eco Mode**
-  **Temperature Sensor**
-  **Silent Mode**
-  **Sleep Mode**
-  **Vertical swing**
-  **Timer**
-  **Turbo Mode**



NEW

TECHNICAL DATA

				Dolceclima Air Pro A++ WIFI	Dolceclima Air Pro 13 A+ NW	Dolceclima Air Pro 14 HP NW	Dolceclima Air Pro 16 NW
Product code				02143	02027	02029	02675
EAN code				8021183021431	8021183020274	8021183020298	8021183026757
Nominal cooling capacity	Pnominale (1)	kW	 2,4	 2,9	 3,5	 4,1	
Nominal heating capacity	Pnominale (1)	kW	-	-	 2,9	-	
Nominal power consumption for cooling	PEER (1)	kW	0,66	0,95	1,35	1,58	
Nominal absorption in cooling	(1)	A	2,9	4,5	5,90	7,0	
Nominal power consumption for heating	PCOP (1)	kW	-	-	1,05	-	
Nominal absorption for heating	(1)	A	-	-	5,00	-	
Nominal energy efficiency index	EERd (1)		3,6	3,1	2,6	2,6	
Nominal efficiency coefficient	COPd (1)		-	-	2,8	-	
Energy efficiency class in cooling	(1)		A++	A+	A	A	
Energy efficiency class in heating mode	(1)		-	-	A+	-	
Energy consumption in "thermostat off" mode	PTO	W	55,0	1,0	1,0	60	
Energy consumption in "standby" mode (EN 62301)	PSB	W	0,5	0,5	0,5	0,5	
Energy consumption for single-duct equipment - cooling	QSD (1)	kWh/h	0,66	0,95	1,35	1,58	
Energy consumption for single-duct equipment - heating	QSD (1)	kWh/h	-	-	1,05	-	
Supply voltage		V-F-Hz	220/240-1-50	220/240-1-50	220/240-1-50	220/240-1-50	
Supply voltage (min/max)		V	198 / 264	198 / 264	198 / 264	198 / 264	
Maximum power consumption in cooling mode	(1)	W	800	1150	1450	2000	
Maximum absorption in cooling mode	(1)	A	3,5	6,0	8,0	10	
Maximum power consumption in heating mode	(4)	W	-	-	1450	-	
Maximum absorption in heating mode	(4)	A	-	-	8,0	-	
Dehumidification capacity	(2)	l/h	2,4	3,0	3,4	3,8	
Air flow rate (max/med/min)		m³/h	410 / 360 / 340	420 / 370 / 355	420 / 370 / 355	425/392/365	
Fan speed			3	3	3	3	
Flexible pipe (length x diameter)		mm	1500 x 150	1500 x 150	1500 x 150	1500 x 150	
Maximum remote control range (distance/angle)		m / °	8 / ±80°	8 / ±80°	8 / ±80°	8 / ±80°	
Dimensions (WxHxD) (without packaging)		mm	490 x 765 x 425	490 x 765 x 425	490 x 765 x 425	490 x 765 x 425	
Dimensions (WxHxD) (with packaging)		mm	535 x 890 x 487	535 x 890 x 487	535 x 890 x 487	535 x 890 x 487	
Weight (without packaging)		kg	32,0	32,0	35,0	34,0	
Weight (with packaging)		kg	36,0	37,0	38,0	38,0	
Sound pressure level (min-max)	(3)	dB(A)	50,5-52,5	50-51,7	50,6 - 52	52-54	
Sound power level (indoor only) (EN 12102)	LWA	dB(A)	 63	 62	 64	 65	
Degree of protection of casing			IPX0	IPX0	IPX0	IPX0	
Refrigerant gas	(5)	Type	R290	R290	R290	R290	
Global warming potential	GWP		3	3	3	3	
Refrigerant gas charge		kg	0,22	0,20	0,22	0,23	
Maximum operating pressure		MPa	2,6	2,6	2,6	3,7	
Maximum operating pressure on the suction side		MPa	1,0	1,0	1,0	1,0	
Lower flammable limit	LFL	kg/m³	0,038	0,038	0,038	0,038	
Minimum floor area for installation, use and storage		m²	11	10	11	12	
Power cable (N° pole x section mmq)			3 x 1,5	3 x 1,5	3 x 1,5	3 x 1,5	
Fuse			10AT	10AT	10AT	10AT	
Conformity mark			CE	CE	CE	CE	
Wireless control			✓	✓	✓	✓	

LIMITS OF OPERATING CONDITIONS

Indoor environment	Operating temperatures in cooling mode (min/max)	DB 16°C / DB 35°C	DB 16°C / DB 35°C	DB 16°C / DB 35°C	DB 16°C / DB 35°C
		Operating temperatures in heating mode (min/max)	-	-	DB 7°C / DB 27°C

- (1) Test conditions: the data refer to the EN14511 standard.
 - (2) Test conditions in dehumidification mode: DB 30°C WB 27.1°C
 - (3) Declaration of test data in a semi-anechoic chamber at a distance of 2 m, minimum pressure in ventilation only
 - (4) High-load test condition and maximum heating yield
 - (5) Hermetically sealed equipment.
- Energy efficiency classes refer to a range between A+++ and D.