



PORTABLE AIR-CONDITIONER AND DEHUMIDIFIER

ACD 137 MONOBLOCK

TEMPORARY COOLING SOLUTIONS FOR WORKSHOPS, TENTS, OFFICES,
DATA CENTRES, RETAIL PREMISES AND MORE

AIR-CONDITIONER AND DEHUMIDIFIER

ACD 137 MONOBLOCK – 24,000 BTU/H

An innovative new product that allows multiple usage of being an air-conditioner and a dehumidifier. This durable and portable unit is ideal for emergency and temporary cooling and drying solutions including tents, mobile hospitals, work spaces and retail premises.



ACD 137
Patent pending

Advantages

- High capacity air-conditioning COLD AIR: 24,000 Btu/h (equal to 7.1kW with just 1.98kW electrical supply)
- High capacity dehumidifying DRY AIR: 130 l/day water collection with just 1.98kW electrical supply
- Ducting connections
- Powerful and quiet fans
- Compact and lightweight
- Easy to install
- Heavy-duty casters
- Ideal for emergency and temporary solutions – quick deployment for tents and mobile hospitals
- Portable spot air-conditioning for a wide range of applications like workshops, data centres, offices, retail premises

Included in the box



Twin adjustable hoses



Fix connector for flex tube

Optional accessories



Flex tube for cold air
Ø31cm, 3m, PVC
4515.572



Flex tube for cold air
Ø31cm, 3m, insulated
4515.370



Thermostat TAC for cooling – 4250.318



Air inlet plenum
Ø30cm – 4250.319



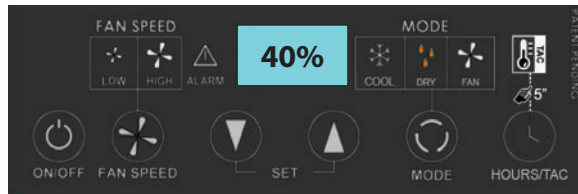
Flex tube for cold air
Ø31cm, 7.6m, nylon - 4515.360
Flex tube for warm air
Ø41cm, 7.6m, nylon – 4515.361

Specifications	Units	ACD 137 Air-conditioner Mode	ACD 137 Dryer Mode
Cooling capacity (28°C/55% RH)	kW	7.1	-
	Btu/h	24,000	-
Drying capacity (30°C/80% RH)	l/24h	-	130
Air flow	m ³ /h	1020/800	1020/800
Operating temperature range	°C	10-42	10-42
Nominal power supply (28°C/55%)	W	1,980	1,980
Nominal current (28°C/55%)	A	10	10
Max. current	A	14	14
Power supply	V/Hz	220-240/1ph/50	220-240/1ph/50
Sound level	dB(A)	55	55
Refrigerant		R1234YF A2L	R1234YF A2L
Hot air outlet	mm	400	400
Cold air outlet (standard)	mm	2 x 135	2 x 135
Cold air outlet (accessory)	mm	300	300
Product size (l x w x h) with handle	mm	790 x 620 x 1326	790 x 620 x 1326
Box size (l x w x h)	mm	580 x 700 x 1500	580 x 700 x 1500
Weight	kg	98	98

AIR-CONDITIONER AND DEHUMIDIFIER ACD 137 MONOBLOCK – 24,000 BTU/H

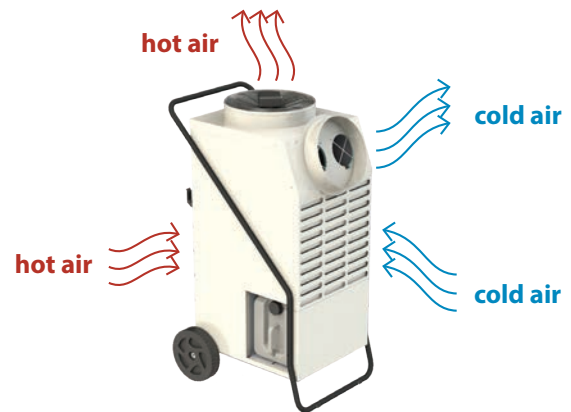
ACD 137 is an innovative portable device with multiple use:

- Air-conditioner COLD AIR: 7.1kW. Electric supply just 1.98kW
- Air dehumidifier DRY AIR: 130 l/day water collection
- Fan AIR VENTILATION



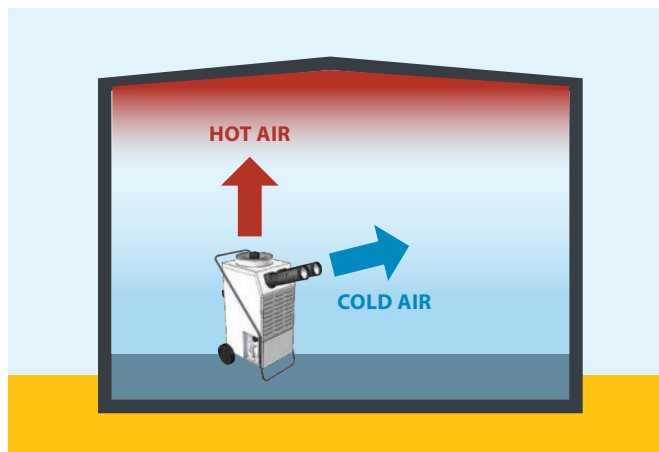
The control panel allows to select three modes:

- Air-conditioner (cooling mode)
- Air dryer (drying mode)
- Air ventilation (fan mode)

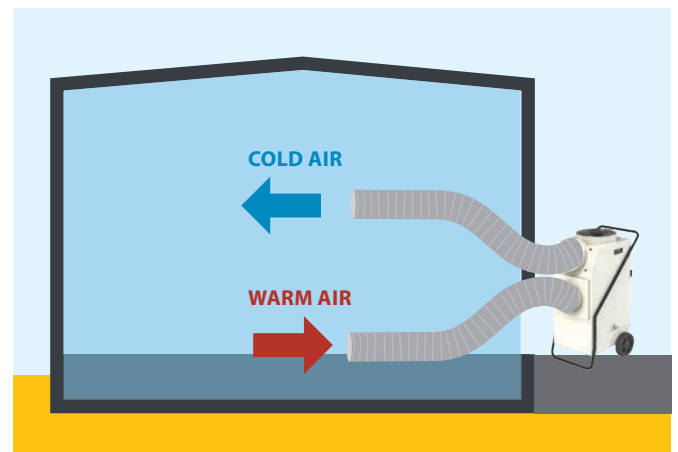


Cold and hot air circulate on the same side of ACD 137. This solution increases the efficiency of the cooling.

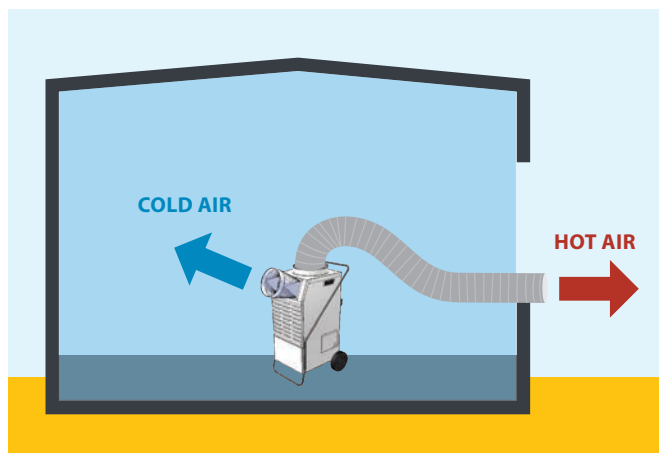
Thanks to its flexibility, the ACD 137 can be used in different situations



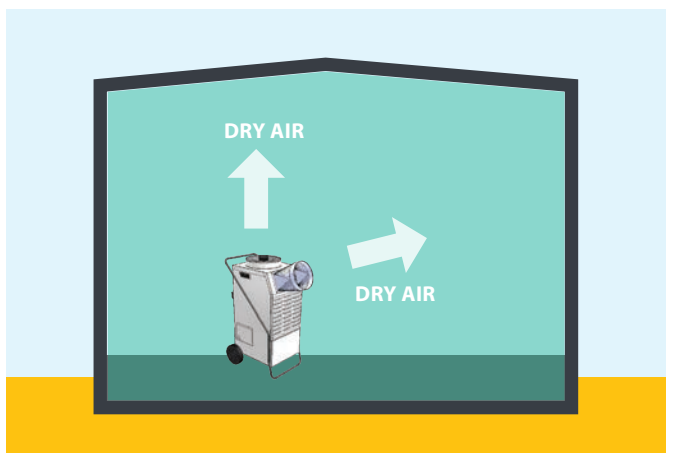
SPOT COOLING. Placed into a room the cold air is blown towards the target (for example an electronic device that needs cooling down) and the hot air is blown upwards.



ROOM COOLING. The ACD 137 is placed outside a small room. The air is recirculated. The TAC room thermostat is placed inside the room to control the temperature.



ROOM COOLING. The ACD 137 is placed inside a room and the cold air is blown into the room with the hot air ducted outside.



ROOM DRYING. With the ACD 137 placed inside the room the dry air is blown around the room. The humidity removed from the air is collected into a tank.

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