



NEW FOR 2021

## **ACD 137 MONOBLOCK**

PORTABLE AIR-CONDITIONER AND DEHUMIDIFIER

## 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 centers, 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



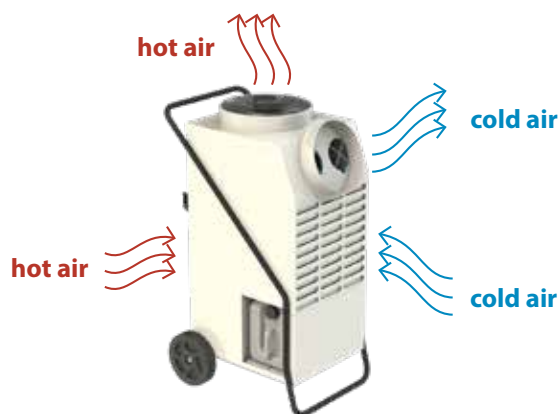
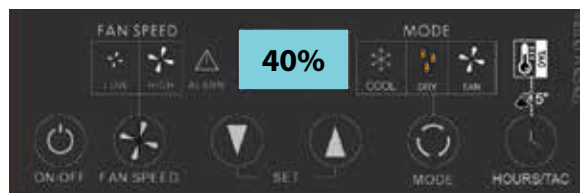
**Flex tube for cold air**  
Ø31cm, 7.6m, nylon - 4515.360  
**Flex tube for warm air**  
Ø41cm, 7.6m, nylon – 4515.361

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 <sup>3</sup> /h	1020/800	1020/800
Operating temperature range	°C	10-42	10-42
Nominal power supply (28°C/55%)	W	1980	1980
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

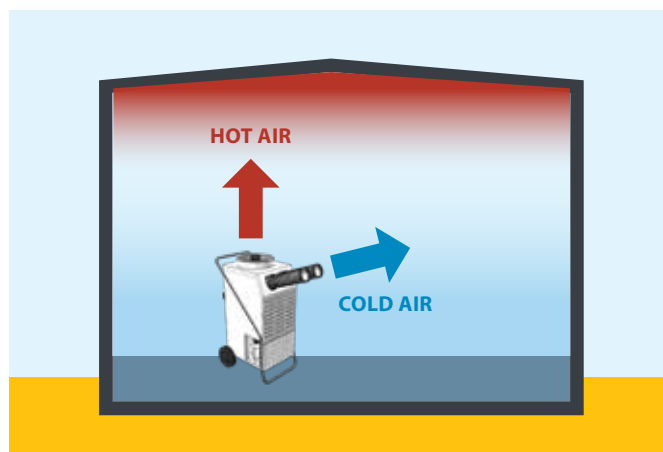


The control panel allows to select three modes:

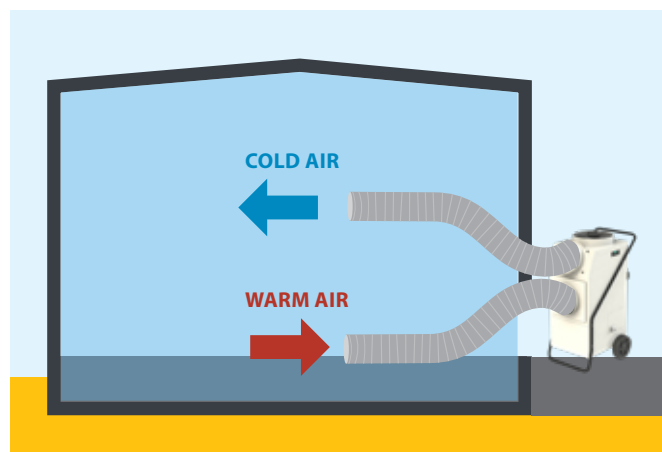
- Air-conditioner (cooling mode)
- Air dryer (drying mode)
- Air ventilation (fan mode)

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

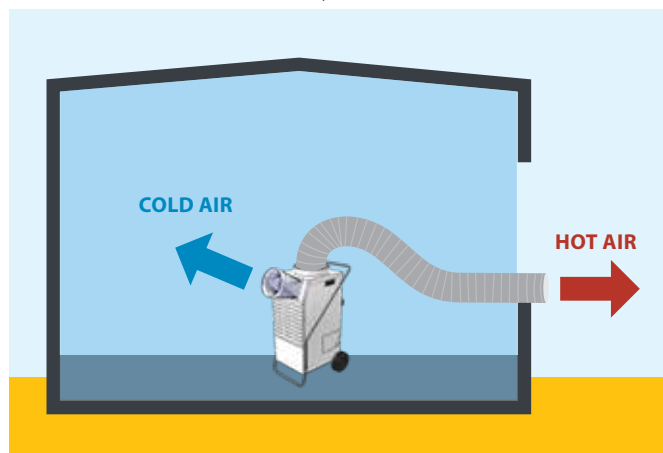
## Thanks to its flexibility, the ACD 137 can be used in different situations



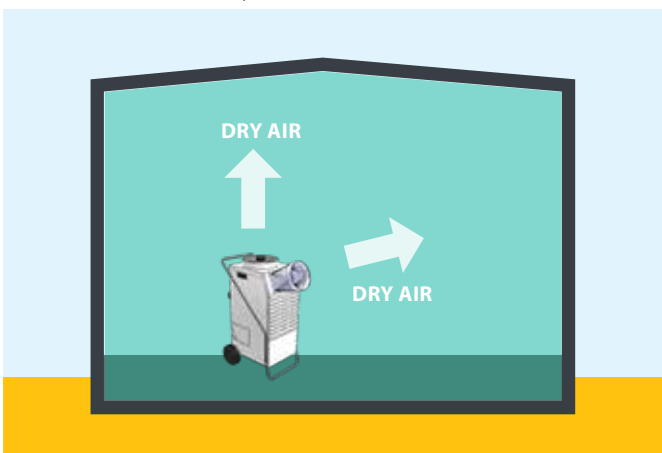
**SPOT COOLING.** Placed into a room the cold air is blown towards the target (for example an electronic device that needs cooling down) and the hot air is blown upwards.



**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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