



Natural and simple cooling medium large spaces.

## Natural evaporative cooler

### AD

#### Advantages

- Low energy consumption: the management cost is less than 2€ per day.
- Modular and adaptable system. Each unit can operate independently or can be integrated with other units, even afterwards.
- Available with remote control ECO or EVO for the best comfort regulation.
- Available in down (supplied as standard), side or top discharge versions.
- No specialized maintenance. The only maintenance needed is the cleaning of the filters of the evaporative pads.

#### Applications

- Industrial buildings and warehouses.
- Commercial buildings, shops and showrooms.
- Fitness centres.

#### Standard

##### equipment

- ECO Digital remote control with on-off, cooling/ventilation, fan speed selector (3 levels), diagnostic alarms.
- EVO Digital remote control with automatic/manual selector, cooling/ventilation, fan speed selector, thermostat, humidistat, diagnostic alarms.



#### Accessories

- 4 or 6-way air diffusers.
- Winter cover.



More: [http://www.robur.com/products/evaporative\\_cooler\\_ad\\_14](http://www.robur.com/products/evaporative_cooler_ad_14)

# AD EVAPORATIVE COOLER



**ROBUR GAS  
UNIT HEATERS**



**MODULAR**



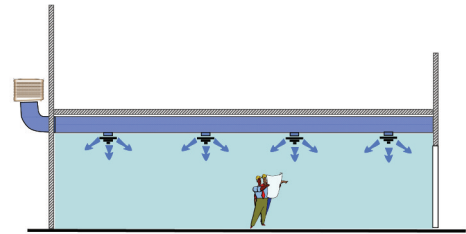
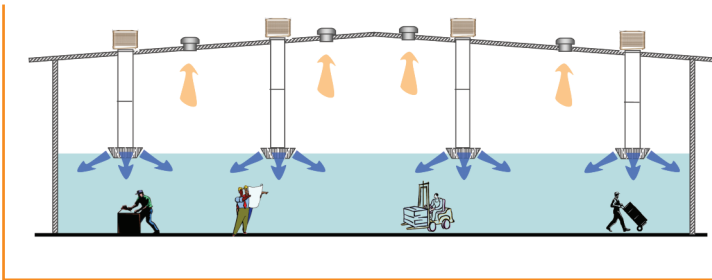
**COST  
SAVING**



**EASY  
INSTALLATION**

## AIR CHANGES/HOUR

Offices and Shops	8/10
Light manufacturing e.g. Warehouse, packing area	10/15
Normal manufacturing e.g. Machine shop, assembly area	15/20
Heavy manufacturing e.g. Injection moulding, welding shop	20/30
Extreme conditions e.g. Bakery, forge	30/40



			AD14	AD20
Air flow	max.	m <sup>3</sup> /h	13,000	20,000
	average	m <sup>3</sup> /h	9,700	15,000
	min.	m <sup>3</sup> /h	6,500	10,000
Available pressure head		Pa	80	80
Water supply pressure	max.	bar	6	6
	min.	bar	1	1
Average water consumption <sup>(1)</sup>		l/h	43	64
Voltage		230 V - 50 Hz		
Water supply connection		"M	3/8	3/8
Water discharge connection		mm	60	60
Ducting connection		mm	600x600	600x1,500
Electrical power		kW	1.1	1.8
Sound pressure at 3 m	max. speed	dB(A)	66	70
	min. speed	dB(A)	50	50
Weight	without water	kg	67	120
	with water	kg	88	146
Size	width	mm	1,150	1,650
	length	mm	1,150	1,150
	height	mm	1,050	1,050

<sup>(1)</sup> At 33 °C - R.H. 60%.