

**COTES ALL-ROUND
THE C30 RANGE**

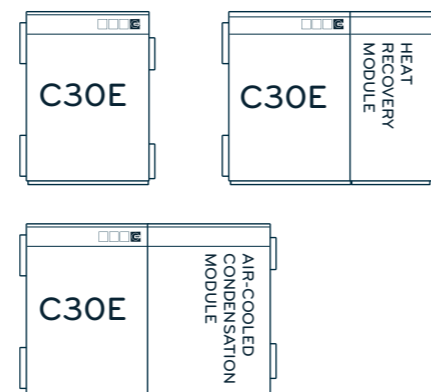


TECHNICAL DATA AND CONFIGURATIONS

COMPACT, VERSATILE AND ENERGY-EFFICIENT

THE C30 RANGE		C30E			
		0.9	1.2	1.9	
TECHNICAL DATA					
DRY AIR NOMINAL	m ³ /hour	300	300	300	
REGENERATION AIR NOMINAL	m ³ /hour	50	65	85	
VOLTAGE/PHASES *	V/Ph	230/1PH+N+PE	230/1PH+N+PE	400/3PH+N+PE	
CONNECTED LOAD	kW	1.4	1.8	2.9	
EXTERNAL FUSES	A	10	10	16	
EXT. PRESSURE PROCESS AIR	Pa	200	200	200	
EXT. PRESSURE REGENERATION AIR	Pa	140	180	150	
CAPACITY AT 20°C, 60%RH	kg/hour	0.9	1.2	1.9	
SOUND LEVEL (sound pressure)	dB(A)	52	54	54	
DIMENSIONS AND WEIGHT					
W	WIDTH	mm	554	554	554
D	DEPTH	mm	398	398	398
H	HEIGHT	mm	771	771	771
A	PROCESS AIR INLET	mm	200x200	200x200	200x200
B	PROCESS AIR OUTLET	mm	200x200	200x200	200x200
A&B	PROCESS AIR DUCT (with ILU adapter)	mm	∅200	∅200	∅200
C	REGENERATION AIR INLET	mm	∅100	∅100	∅100
D	REGENERATION AIR OUTLET	mm	∅100	∅100	∅100
WEIGHT	kg		52	53	53

* Other power connections available by request



OPTIONAL EQUIPMENT

- Heat recovery module
- Air-cooled condensation module

ANCILLARY EQUIPMENT

- Hygrostat
- Different filter configurations, as required
- Brackets for wall mounting
- Brackets for floor mounting

Easy to mount and install

Cotes All-Round C30 dehumidifiers are particularly compact, with moisture removal capacities of 0.9–1.9 kg per hour. The elegant stainless steel cabinet means these energy-efficient dehumidifiers can even be installed in places where they are on full view.

Highly versatile

Cotes All-Round C30 dehumidifiers are compact, uncomplicated units that are exceptionally robust and reliable, as well as only using a bare minimum of energy. The combination of a small footprint and high effectiveness makes them ideal for use in a vast range of places and for removing moisture from the air in many different industries.

Modular advantage

In Cotes All-Round units, the silica gel-coated rotor is mounted horizontally. This means process air enters and leaves on the same side of the casing, while regeneration air enters and leaves on the opposite side. Any additional equipment, such as a heat recovery module or an air-cooled condensation module, can be mounted in an additional casing on the side.

Heat recovery

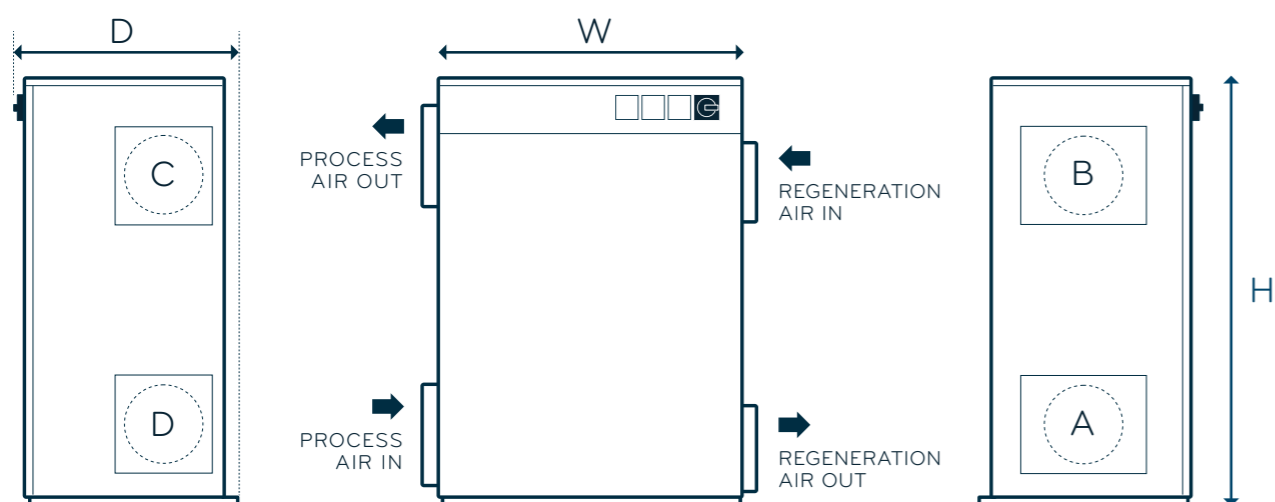
Your All-Round unit can be fitted with a highly efficient aluminium cross-flow air-to-air heat exchanger to recover heat from the regeneration air leaving the unit. This thermal energy can then be reused to preheat the incoming regeneration air. These energy-saving heat recovery units can save as much as 20% on your energy bills, resulting in payback in as little as approx. 36 months.

Condensation advantage

All-Round C30 units can be fitted with an air-cooled condensation unit to condense the water from the regeneration air – a big benefit when a regeneration air outlet is not a good idea or cannot be fitted.

Controls

All-Round C30 units can be linked to all Cotes external controls – DR10, DA20, DH24, DCC – depending on your dehumidification needs and operating requirements.



IDEAL FOR USE IN

- Food industry processing facilities
- Cold stores
- Waterworks
- General humidity management in all kinds of indoor spaces

ADVANTAGES

- Small measurements
- Sleek, elegant casing design
- High build quality
- Easy to retrofit heat recovery module
- Low energy consumption
- Free choice of external control system

BENEFITS

- Easy to build in as required
- Can be mounted even where highly visible
- Long service life and extremely low maintenance/repair costs
- Low operating costs
- Savings of up to 20% on energy bills
- Easy to install

CLOSE TO YOU

We have a worldwide network of Cotes experts ready to provide you with solutions to virtually any humidity management requirement.

YOUR LOCAL COTES REPRESENTATIVE

TALK TO US ABOUT WHAT'S POSSIBLE

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