

COTES ALL-ROUND THE LK MODULE

HUMIDITY
SOLUTIONS
Independently better

COTES

Dry air anywhere

The special LK water condensation module makes it possible to use Cotes All-Round dehumidifiers in all kinds of places where it'd otherwise be impossible, impractical or just too expensive because of the need for air ducting. Adding one of these easy-to-install modules means you no longer need long runs of relatively expensive, easily damaged ducting, extractor fans and other fittings to vent the moisture-laden air out into the open.

Furthermore, there's no need to establish sometimes costly ducting holes that can also have an unfortunate architectural impact on walls, roofs or other locations and structures.

With an LK module added, you're free to install Cotes All-Round dehumidifiers pretty much anywhere it suits you and your operations – whatever they may be.

Standard or retrofit

Cotes LK water condensation modules are available as standard on almost all small and medium-sized Cotes All-Round dehumidifiers.

These extra modules are enclosed in sleek, stainless steel cabinets that are a perfect match for the dehumidifiers themselves, with inlets and outlets for the incoming and outgoing regeneration air.

You can also get LK modules quickly and easily retrofitted to almost any of your existing All-Round dehumidifiers. They are very easy to install, only requiring an electrical connection and condensate tubes to the building's drain system. You simply place the module next to the dehumidifier, and push them together.

Quiet, unobtrusive

LK modules are fitted with a low-noise fan, and the stainless steel cabinets are just as well-designed as the dehumidifiers they stand beside.

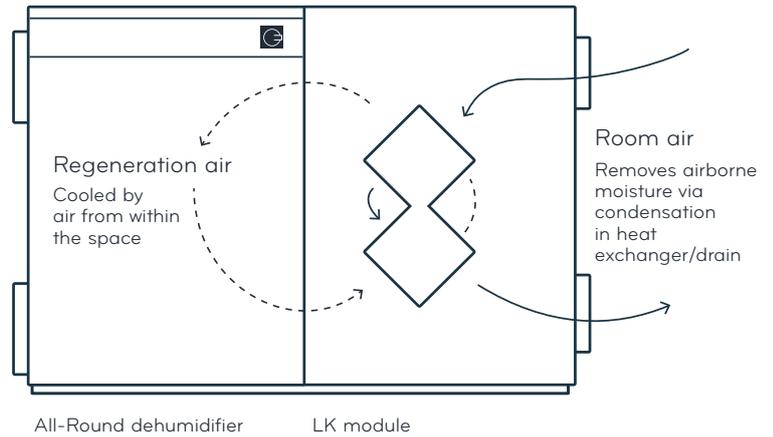
This means they can be mounted almost anywhere, even in plain sight in public spaces.



HOW IT WORKS

Cotes All-Round adsorption dehumidifiers can be fitted with LK water condensation modules in order to condense the water vapour that's present in the regeneration air leaving the dehumidifier. This then means this air doesn't have to be ducted away to an exterior wall for venting into the open. With an LK water condensation module installed, the regeneration air flow instead forms a closed circuit, using ambient air passing through a double aluminium cross-flow air-to-air heat exchanger to cool this air to below condensation temperature.

The condensed moisture is then simply led away through two drain holes in the bottom of the cabinet.



Which models

Cotes LK water condensation modules can be installed alongside most All-Round dehumidifier models. C35 and C65 dehumidifiers in BASIC configuration must be ordered with an LK kit. We do not recommend using LK modules with the special configurations available for use with high ΔX values (the All-Round D models).

MODEL	SIZE/MM	WEIGHT/KG
C30LK	555x400x785	35
C35LK	755x495x1090	70
C65LK	685x790x1615	135

Positioning almost anywhere

These add-on water condensation units make it possible to install All-Round dehumidifiers just about anywhere, because they do away with the need for long, expensive and vulnerable runs of ducting to dispose of the moisture-laden air from the dehumidifier rotor.

These modules are also ideal in situations where a re-generation air outlet is not a good idea, or simply cannot be fitted, for practical reasons.

LK MODULE COMPATIBILITY	
MODEL	CAPACITY
C30	0.9
	1.2
	1.9
C35	3.3*
	3.8*
	4.5*
	5.1*
	5.6**
C65	11.1*
	15.4**

* Cotes All-Round BASIC models must be equipped with an LK kit
 ** Control configurations B, C and D only

LK modules cannot be used with C105 dehumidifiers