

INNOVATORS IN REFRIGERATION AND COOLING TECHNOLOGIES

Desicon "ET" EcoTechnology Electric Desiccant Dehumidifier



**Today's most environmentally-friendly
dehumidifying system**

TOROMONT

CIMCO

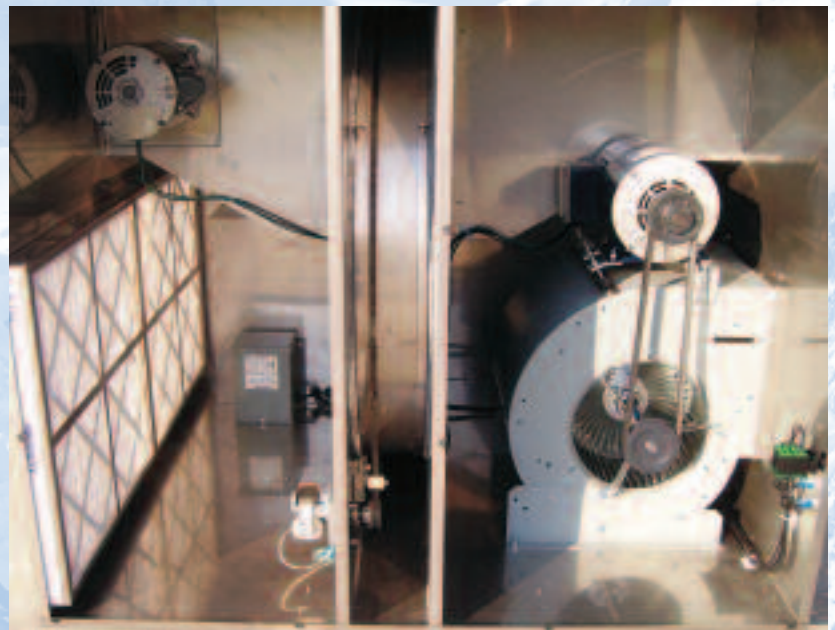
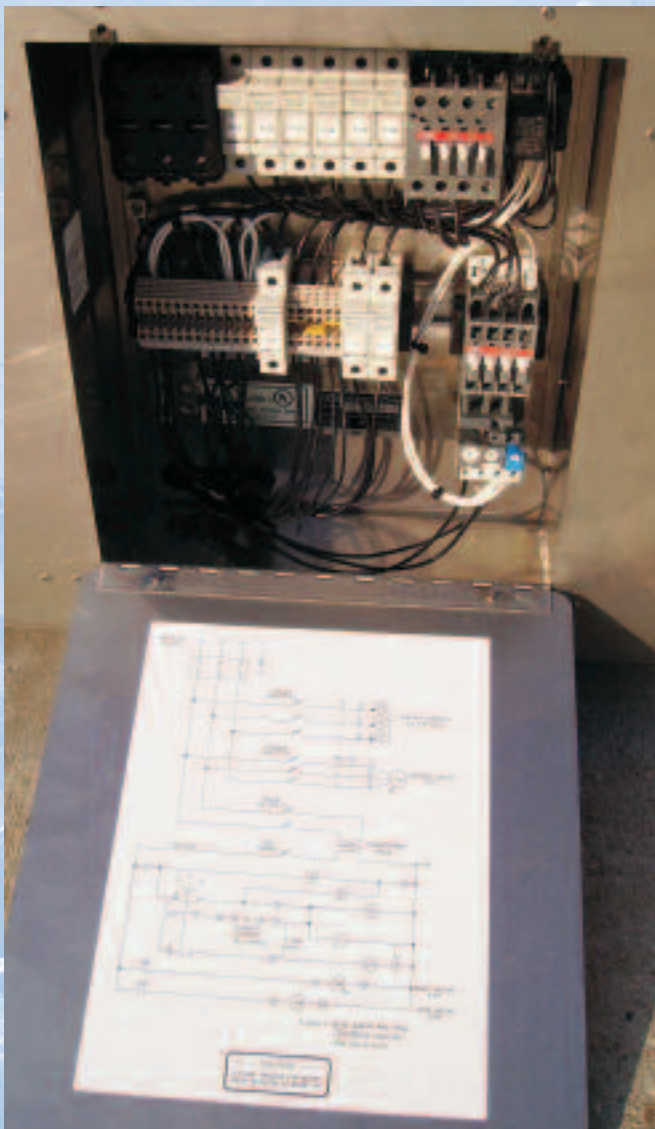
Introducing... Desicon *ET*

Today the effects of greenhouse gases on our environment combined with the current, increasing gas rates are the cause of serious concern for all ice rink owners and operators.

CIMCO's new electrically powered desiccant dehumidifier, Desicon *ET*, is designed to be a "green" alternative to existing systems.

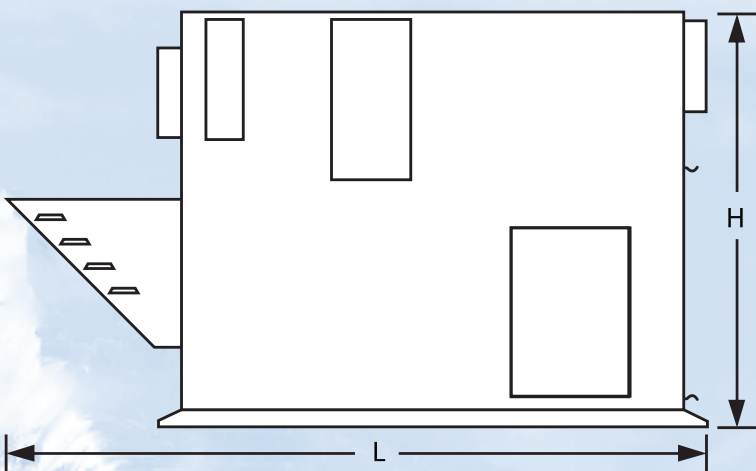
Features include:

- electric regeneration requiring no gas or propane burner, so no greenhouse gas emissions
- no refrigerants required
- no drainlines requiring heat tracing
- re-uses existing Humicon platforms and wiring
- no compressor, refrigerant coils or defrosting system required, reducing maintenance
- enhanced moisture removal



Desicon *ET* Desiccant Dehumidifier is ideal for smaller recreational, practice and curling rinks. The system is engineered to mimic the physical and power consumption profiles of typical mechanical refrigeration dehumidifiers, making it an excellent replacement system. Desicon *ET* provides considerably more drying capacity with minimal retrofit cost. It delivers 2600 scfm of dry air and runs on less than 16 amps of electricity at 600 volts. Its deep grain depression makes it the best choice for moisture control in ice surface venues.

MODEL	CFM	FUEL TYPE	LENGTH	WIDTH	HEIGHT	WEIGHT
Desicon ET	2600	Electric	61 1/4"	40 1/8"	36 1/2"	350 lbs



Entering Air Dry Bulb (dF)	Nominal lbs. Moisture Removal Per Hour							
	Entering Air Relative Humidity (%)							
	100%	90%	80%	70%	60%	50%	40%	30%
80	31.4	28.3	27.2	25.9	24.5	22.6	20.3	17.9
75	31.6	27.4	26.4	25.3	24	22.2	20.2	17.6
70	29.1	26.8	26.2	25.2	23.6	21.8	19.9	17.2
65	27.8	26.4	25.6	24.5	22.9	21.4	19.4	16.7
60	27.5	25.8	25.1	24	22.5	20.9	18.9	15.9
55	27	25.3	24.3	23.1	21.8	20.2	18	14.8
50	25.9	24.7	23.6	22.4	21.1	19.4	16.9	13.5
45	25.1	23.8	22.7	21.5	20.2	18.2	15.5	12
40	24.5	22.8	21.7	20.5	18.8	16.6	13.7	10.4

Standard Features:

- 8" Round Reactivation Connections
- 30% Efficiency Pleated Filters
- 304 Stainless Construction

Available Options:

- Remote Humidistat Connection
- Reactivation Duct Installation Kit
- 208/3/60 Power Transformer

Weights and Dimensions subject to change without notice

CIMCO

The Cold Specialists

Design & Engineering

CIMCO has built its reputation by having the best technical sales, manufacturing and refrigeration engineers. From coast to coast, our team of application specialists can draw on over 90 years of experience to design the refrigeration and process

cooling plants that will meet your specific needs. From initial concept, through site supervision, to project commissioning, CIMCO engineers are available to ensure the success of your project.

Manufacturing

We have established our reputation by using the latest manufacturing techniques to produce the world's leading refrigeration equipment. In fact, many of the products that become part of our refrigeration systems are manufactured by CIMCO,

such as: shell and tube heat exchangers; pressure vessels; dehumidifiers; water tanks and pumping sets; microprocessor and relay logic control systems and complete packaged refrigeration and process cooling systems.

Components

At CIMCO, we ensure that every component used in our systems is chosen based on the knowledge gained from past experience. Each product is carefully evaluated, tested and proven before it becomes part of a CIMCO system. From the

compressor, through to the simplest control, each unit is carefully assessed and matched with components of proven dependable performance to keep our clients and their products cool.

Installation & Service

A key aspect of our success has been our experience in preparation, installation, start-up and balancing of our systems. CIMCO offers preventive maintenance and service inspection programs with reliable,

professional follow-up service. When it comes to keeping things cold or on ice, only CIMCO does it better than Mother Nature.

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**CIMCO
REFRIGERATION**

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best*