

INNOVATORS IN REFRIGERATION AND COOLING TECHNOLOGIES

## Desicon "MINI" Dehumidifier



**Removes 2 to 3 Times the Moisture of  
Conventional Refrigerated Dehumidifiers**



# Introducing the newest member of our Desicon family

## THE CDH-126-2.0 "MINI"

The "MINI" has been designed to remove 2 to 3 times the moisture of a conventional refrigerated dehumidifier in a compact enclosure suitable for indoor or outdoor mounting on existing platforms. The only connections required are a natural gas supply line, two 10" or 12" ducts to the outside, and three phase power to operate the fans. For optimum performance, a 40' run of 18" or 20" supply duct is recommended within the arena.

- ☑ Stainless steel interior, galvanized exterior construction
- ☑ Gas or electric regeneration
- ☑ Remote humidistat option
- ☑ Optional heating and cooling coil modules

### WHY A CIMCO DESICON?

DESICON is unsurpassed in its capability to absorb moisture from the air. Instead of condensing moisture like an air conditioner, the DESICON system removes moisture directly using a rugged, long lasting desiccant rotor. The moisture from the arena is continuously removed from the desiccant using inexpensive natural gas heating, and



expelled directly outside. While conventional refrigerated dehumidifiers maintain relative humidity levels that eliminate fog and drip, DESICON technology dries the air so thoroughly that ice conditions are optimized, the refrigeration load is reduced, the compressors run less frequently, and you save on energy costs.

### Unit Specifications

Air Flow CFM @ 2" ESP	Supply Air Fan HP	Regen. Air Fan HP	Reactivation Duct Dia. Inches	Supply Duct Dia Inches	CFH Gas Max Usage LP	Dimensions LxWxH Inches	Weight Pounds
2,000	3	1.5	10 or 12	18 or 20	143	70 x 32 x 47	565

### Nominal Lb. Moisture Removal per Hour

Entering Air Dry Bulb (dF)	Entering Air Relative Humidity (%)							
	100%	90%	80%	70%	60%	50%	40%	30%
80	57.7	57.7	53.6	49.5	44.6	38.7	32.5	26.8
75	59.4	55.7	51.9	46.9	41.9	36.5	31.2	25.1
70	57.2	52.7	48.6	44.2	39.4	34.9	29.5	22.9
65	53.8	50.1	45.7	41.4	37.4	32.5	27.0	20.3
60	50.6	43.7	40.2	36.9	32.6	28.1	24.1	18.7
55	46.2	42.9	39.5	35.2	30.9	26.4	24.1	17.4
50	42.8	38.9	35.2	31.5	27.6	23.7	19.8	15.9
45	37.8	33.2	30.4	26.8	26.4	20.3	17.8	14.7
40	33.4	30.8	28.1	25.4	22.4	19.0	15.5	12.0

\*\*Normal Operating Range for Arena Operation.



### CIMCO REFRIGERATION

65 Villiers Street, Toronto, Ontario M5A 3S1  
Tel: (416) 465-7581 Fax: (416) 465-8815

St. John's • Dartmouth • Moncton • Alma • Quebec City • Montreal • Gaspé  
Ottawa • Toronto • London • Windsor • Winnipeg • Regina • Saskatoon • Calgary  
Edmonton • Vancouver • Kelowna • Victoria • Hartford • Salt Lake City  
Houston • Dallas/Ft. Worth • Phoenix • Syracuse • London, UK • Beijing, PR. China

Visit our website at [www.cimcorefrigeration.com](http://www.cimcorefrigeration.com)



*Cimco.  
Expect the  
best*