

DRY-O-TRON® LEEDer

Patent Pending

Glycol Loop

DX Indoor Pool Dehumidifier

THE ONLY **EFFICIENT** WAY TO DEHUMIDIFY!



Dectron, the inventor of the original DRY-O-TRON® energy recycling dehumidifier, introduces "DRY-O-TRON LEEDer®".

DRY-O-TRON LEEDer® is the latest innovative design product to emerge in the dehumidification industry to protect your indoor pool or natatorium against humidity and structural damage.

DRY-O-TRON LEEDer® dehumidifier products are designed and engineered with multiple features that provide the most efficient and advanced performance at minimal cost.

- ✓ **LOWEST REFRIGERANT CHARGE OF ANY INDOOR POOL DEHUMIDIFIER OF THE SAME CAPACITY**
- ✓ **INCREASED SYSTEM RELIABILITY AND COMPRESSOR LIFE**
- ✓ **LOWEST COST OF OWNERSHIP IN THE INDUSTRY**

DRY-O-TRON®
by **Dectron**

FEATURES

- Up to a 90% reduction in refrigerant charge
- LEED points
- Fully factory tested
- Ease of installation
- Packaged or split systems without field refrigeration piping
- Factory assembled and sealed refrigeration system
- Increased performance
- Eliminates fluctuations of pool water and air temperature
- Less temperature swing = better efficiency and lower operating costs

**UP to a
90% Reduction
in Refrigerant Charge***

LEEDer® ADVANTAGES

- **Increased system reliability and compressor life**
- **Lowest cost of ownership in the industry**
- Additional 6 -13 LEED points for EAc1, EAc4, EAc5, IEQc6, IEQc7 and IDc1 criteria
- DX pool dehumidifier - Lowest refrigerant charge in the industry
- Reliable and user-friendly design, 90% less refrigeration joints = 90% less leaks...30% less maintenance cost...
- Precise control of space air and pool water heat outputs
- 100% Safety - Zero possibility of pool water contamination from refrigerant and oil acids

INTEGRAL GLYCOL LOOP POOL WATER HEATING MODULATING 3-WAY VALVE

- Maintains most efficient MRE and compressor EER by refrigerant Head pressure control optimization
- Simultaneous heat distribution to pool water, supply air, outdoor air and external heat rejection device (fluid cooler etc.). Glycol can circulate through pool water heater coax HX, by-passing glycol reheat coil in order to raise loop temperature to effectively reject heat into pool water when needed.
- Compressor Total Heat will be rejected into internal glycol loop which can then be rejected **simultaneously** into Pool Water and/or Supply Air and/or Outdoor Air as required.
- OA preheat coil can be connected to the DRY-O-TRON LEEDer® internal glycol loop.

ADDITIONAL DRY-O-TRON® LEEDer FEATURES

- Fluid Cooler can be replaced with water to water heat exchanger to reject heat to external heat pump loop, cooling tower loop, chilled water loop ...
- Water to water heat exchanger can also be used for heat pump heating mode whenever compressor is not running for dehumidification during winter, absorbing heat from external loop.

***Compared with traditional indoor pool dehumidification systems with remote OACC**



USA
10898 Crabapple Road
Suite 103,
Roswell, Georgia 30075
Tel.: 770 649 0102
1 800 676 2566
Fax: 770 649 0243

CANADA
3999 Cote Vertu
Montreal, Quebec
Canada H4R 1R2
Tel.: 514 336 3330
Fax: 514 337 3336

DRY-O-TRON®
Dectron

dia
designer indoor air®

AHRI
MEMBER



1.888.dectron

info@dectron.com

dectron.com

