



# Dry-O-Tron LEEDeR Series

MRC Capacities > 110 to 765 lbs/hr

Supply Air > 6,000 to 64,000 CFM

Our eco-friendly DRY-O-TRON **LEEDeR Series** provides state-of-the-art humidity control with 80% less refrigerant charge. Factory-sealed, even on split systems, our **LEEDeR Series** delivers smooth operating performance, peak energy efficiency and no limitations on dry cooler location.

With **WebSentry** Technology as a standard feature, our **LEEDeR Series** is monitored 24/7 via the internet and backed by Dehumidified Air Services, our exclusive national network of factory-direct service personnel.

## LOWEST COST OF OWNERSHIP

- Cost-effective to install and maintain
- Exceptionally small, low cost refrigerant charge
- Superior, energy-efficient heat rejection

## TROUBLE-FREE, LONG-LIFE PERFORMANCE

- Eliminates costly oil migration issues
- Decreased risk of compressor damage
- 24/7 Remote internet monitoring and control

Our **LEEDeR Series** delivers proven, industry-leading design with state of the art energy efficiency and the most stable room conditions with fully modulating reheat.

- High performance, eco-friendly design can support LEED credits
- Sophisticated touchscreen controls
- **WebSentry** Technology for secure remote monitoring and control
- Critical components are protected outside of the corrosive air stream

**COST-EFFECTIVE INSTALLATION AND MAINTENANCE**

The LEEDeR Series comes with a factory sealed refrigeration circuit that eliminates the need for expensive on-site refrigeration work

- Uses a water/glycol as a secondary heat exchange fluid to greatly reduce cost and environmental risk
- Virtually eliminates oil migration issues that lead to compressor breakdown
- Uses PVC instead of copper for all exterior lines (reduces costs and risk of theft)

**CRITICAL COMPONENT PROTECTION**

Critical components of a dehumidifier can be damaged by the indoor pool atmosphere. The LEEDeR Series protects these vital components through system design.

- All critical components are located in a service vestibule outside of the air stream
- Coils are fully dipped to provide 100% corrosion protection (not just the fins)
- Compressor protection includes: pump down, crankcase heater, voltage monitor, suction accumulator, oil separator and oil monitoring with built-in refrigerant pressure transducers that can be monitored via **WebSentry**

**WEBSENTRY TECHNOLOGY - REMOTE MONITORING AND CONTROL**

Our WebSentry Monitoring technology redefines the concept of service and support by remotely monitoring, analyzing and reporting on all the critical functions of your dehumidifier 24/7 – in real time via the Internet, at no additional cost!

- Automated performance monitoring with trouble alerts, service reminders and performance data sent by email
- Factory or authorized service technicians can adjust and fine tune unit performance remotely or trouble-shoot issues
- Connection activates a premium extended 1<sup>st</sup> year labor warranty (*Conditions apply, see Warranty Statement for details*)



RATE CONDITIONS Pool Room Air: 82°F/60% R.H. Pool Water: 80°F

LD MODEL	92	102	112	152	162	182	212	242	282	322	362	412	482	562
Max. Supply Airflow (CFM)	20000	20000	20000	20000	20000	20000	34000	34000	34000	64000	64000	64000	64000	64000
Moisture Removal (lb/hr)	109.9	117.2	143.5	179.4	203.3	237.2	277.1	317.9	364.8	416.6	477.4	538.2	598	765.4
Sensible Cooling (MBH)	145.1	154.7	189.5	236.8	268.4	313.1	365.7	419.7	481.6	549.9	630.2	710.5	789.4	1010.5
Pool Water Heating (MBH)	174	204	234	273	351	390	439	478	585	682	780	878	975	1170

Max supply airflow dependent on specified static pressure and cabinet model type. Table data not intended for unit selection purposes.



Dectron is a Dehumidified Air Solutions company and member of Dehumidified Air Services, a coast-to-coast service network of local customer support specialists. Backed by the real-time remote monitoring of WebSentry technology and direct access to the engineers who designed and built your dehumidifier, Dehumidified Air Services is the only organization in North America that has the scale and expertise to deliver trouble-free pool dehumidification and unparalleled customer service.

