



Dry-O-Tron DS-D Series

MRC Capacities > 45 to 200 lbs/hr

Supply Air > 2,600 to 13,000 CFM

Our DRY-O-TRON **DS-D Series** is an ingenious innovation that provides twice the dehumidification in the same footprint as a regular unit. It's compact, 2-stage design provides scalable capacity and performance of two complete systems in one, controlled by a single, sophisticated brain.

With **Vision 2.0** Technology as a standard feature, our **DS-D Series** is monitored 24-7 via the Internet and backed by Dehumidified Air Services, our exclusive national network of local, factory-direct service personnel.

MODULAR DESIGN - IDEAL FOR RETROFIT

- Models 04D to 07D fit through a 32" doorway and deliver up to 6,400 CFM and 84 lbs./hr. MRC
- Split installations require nothing more than a wire harness to connect

MULTIPLE SUPPLY AIR CONNECTION OPTIONS PROVIDE MAXIMUM FLEXIBILITY

- Outdoor air connection for code-required minimum ventilation is built-in, complete with filter and manually adjustable damper

TRUSTED, PROVEN, RELIABLE, TROUBLE-FREE

- State of the art, corrosion resistant, ultra-efficient, quiet fans that maximize air flow and minimize noise with no belts or pulleys to wear out or adjust
- A dehumidifier that protects all critical components from corrosion by isolating them from the pool air stream in a separate vestibule
- Industry leading moisture removal, dehumidifying your facility efficiently and reducing operational energy costs

Our DS-D Series delivers the the reliability of 2 independent, fully redundant circuits that provide optimum, scalable energy efficiency under all conditions.

- Small footprint, ultra-efficient dehumidification technology
- Sophisticated touchscreen controls
- **Vision 2.0** Technology for secure remote monitoring and control
- Critical components are protected outside of the corrosive air stream

SMALL FOOTPRINT, HIGH PERFORMANCE

The DS-D Series is a fully modular system with 2 compressors, 2 supply air fans and 2 cabinets in one compact package.

- Provides the peace of mind that comes with redundant systems
- Delivers the energy efficiency of single or dual circuit performance to manage variable load requirements under all conditions
- Both horizontal and vertical configurations available

CRITICAL COMPONENT PROTECTION

Critical components within an environmental control system can be damaged by the indoor pool atmosphere. The DS-D Series protects these vital components through system design.

- All critical components are located in 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 **Vision 2.0**



VISION 2.0 TECHNOLOGY - REMOTE MONITORING AND CONTROL

Our Vision 2.0 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 alerts, service reminders and performance data sent by email
- Factory or authorized service technicians can trouble-shoot issues and fine tune unit performance remotely
- Connection activates premium extended 1st year labor warranty (Conditions apply, see Warranty Statement for details)

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

| DS-D MODEL | 04D | 05D | 06D | 07D | 08D | 10D | 11D | 12D | 15D |
|---------------------------|------|------|------|-------|-------|-------|-------|-------|-------|
| Max. Supply Airflow (CFM) | 6400 | 6400 | 6400 | 6400 | 13000 | 13000 | 13000 | 13000 | 13000 |
| Moisture Removal (lb/hr) | 47.8 | 59.8 | 71.8 | 83.7 | 95.7 | 119.6 | 143.5 | 153.4 | 186.6 |
| Sensible Cooling (MBH) | 63.2 | 78.9 | 94.7 | 110.5 | 126.3 | 157.9 | 189.5 | 202.6 | 246.4 |
| Pool Water Heating (MBH) | 72 | 87 | 102 | 126 | 144 | 186 | 252 | 280 | 310 |