



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 WebSentry® 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
- WebSentry® 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 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 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