



Dry-O-Tron DS Series

MRC Capacities > 10 to 35 lbs/hr

Supply Air > 550 to 8,000 CFM

Our DRY-O-TRON **DS Series** provides the very best in classic compressorized humidity control. Proven engineering and design, plus premium components makes DRY-O-TRON **DS Series** both energy efficient and exceptionally reliable.

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

COMPACT VERTICAL AND HORIZONTAL DESIGNS

- Models DS-10 to DS-35 fit through a 32" doorway, ideal for retrofit applications
- Horizontal units from DS-20 to DS-102 available for indoor or outdoor applications

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 series delivers proven, industry-leading design with state of the art energy efficiency and performance enhancements that make it the smartest choice for small to medium size facilities.

- 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 Series is designed to fit into compact spaces and provide premium performance that saves installation, operating and maintenance costs.

- Space efficient design allows for the system to fit through small doorways and into small spaces in equipment rooms
- Direct drive, backward inclined plenum fans provide higher static pressures, quieter operation and superior energy efficiency

CRITICAL COMPONENT PROTECTION

Critical components within an environmental control system can be damaged by the indoor pool atmosphere. The DS 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 MODEL	10	15	20	25	30	35	40	50	60	70	80	82	102
Max. Supply Airflow (CFM)	1200	1200	3400	3400	3400	3400	6800	6800	6800	6800	6800	8200	8200
Moisture Removal (lb/hr)	12	17.9	24.9	28.4	35.9	41.4	45.3	58.6	71.8	76.7	89.7	95.7	119.6
Sensible Cooling (MBH)	15.8	23.7	32.8	37.5	47.4	54.6	59.8	77.4	94.7	101.3	118.4	126.3	157.9
Pool Water Heating (MBH)	18	28	36	45	51	63	72	93	126	140	144	144	186