

# ComPak<sup>®</sup> StakPak Series



Our ComPak<sup>®</sup> StakPak Series is an ingenious innovation that provides twice the dehumidification in the same footprint as a regular unit. It's compact, two-stage design provides scalable capacity and performance of two complete systems in one, controlled by a single, sophisticated brain.

With the Virtual-Tech<sup>®</sup> as a standard feature, our StakPak Series is monitored 24/7 via the internet and backed by Dehumidified Air Services, our exclusive national network of factory-direct service personnel.

## MODULAR DESIGN - IDEAL FOR RETROFIT

- Models 1414 to 2626 fit through a 32" doorway and deliver up to 6,800 CFM and 79 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

- 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

MRC Capacities 45 to 200 lbs/hr  
Supply Air from  
2,600 to 13,000 CFM

Our StakPak Series delivers the reliability of two independent, fully redundant circuits that provide optimum, scalable energy efficiency under all conditions.

- Small footprint, ultra-efficient dehumidification technology
- Sophisticated touchscreen controls
- Virtual-Tech<sup>®</sup> technology for secure remote monitoring and control
- Critical components are protected outside of the corrosive air stream

## DURABLE SYSTEM CONSTRUCTION

### 1 Small Footprint, High Performance

The StakPak Series is a fully modular system with two compressors, two supply air fans and two 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

### 2 Critical Component Protection

Critical components within an environmental control system can be damaged by the indoor pool atmosphere. The StakPak 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 Virtual-Tech®.

### 3 Virtual-Tech® Remote Monitoring and Control

Our monitoring and control 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 first year labor warranty (*Conditions apply, see Warranty Statement for details.*)



## PERFORMANCE SUMMARY

StakPak Series	TYPE	1414	1818	2222	2626	3030	3535	4040	4545	5050
Moisture Removal Capacity	Lb./Hr.	47.8	59.8	71.8	83.7	95.7	119.6	143.5	153.4	186.6
Maximum Supply Airflow	CFM	6400	6400	6400	6400	13000	13000	13000	13000	13000
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

Rated Conditions | Pool room air: 82°F / 60% R.H. | Pool Water: 80°F | Average outside air dew point 60°F

Due to continuous development the right to alter specifications without notice is reserved. E&OE



PoolPak 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 real-time remote monitoring of Virtual-Tech® technology and direct access to the engineers who design and build 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.

