DIELECTRIC®

SPX

Models 5000 / 7200

Dual System Air Dryers

The models 5000 and 7200 dehydrators each feature two (2) independent drying subsystems. Each subsystem can be operated independently for small flow requirements, or can be operated together for higher flow situations as well as for emergency conditions such as a leaking cable. Cabinet flow-through forced air ventilation and vibration isolation techniques further help to optimize service life. Special design consideration has been given to accessibility and ease of overall service.

The model 5000 dryer offers a subsystem output flow of up to 3000 SCFD and a duplexed (both subsystems working) output flow of up to 6000 SCFD. Similarly the Model 7200 offers a subsystem output flow of up to 4200 SCFD and a duplexed output flow of up to 8400 SCFD. The innovate design of these dryers provides the small to moderate size central offices with the greatest amount of flexibility and safety with a backup or automatically recycling system.

The Humidity alarm, preset at 2% RH at 70°F, with a humidity bypass is standard on both models. These units feature Dielectric's patented DRY-PAK® twin tower, heatless drying system with repackable drying towers for easy maintenance and a long life oil-less compressor for optimum pressurization and dry air performance.

FEATURES

- Solid state Components; purge timers, humidistats, and excess run timers.
- Oil-less 100 PSIG compressors with two connection removal and offers thermal overload protection as well as enlarged cooling fans for more efficient operation.
- DRY-PAK® twin-tower heatless dryer. Efficient internal check-ball valving with purge controlled by two-way solenoid valves.
- Humidity bypass, automatically vents wet air to atmosphere in the event of a humidity alarm.
- Large 1.6 cubic feet ASME dry air storage tank reduces compressor cycling for improved component life.

ORDERING INFORMATION

PART NO.	DESCRIPTION
52476	5000 S.C.F.D. Normal Output Air Dryer
52478	7200 S.C.F.D. Normal Output Air Dryer

QUIET OPERATION

New cabinet design allows for greatly reduced noise output. These dryers operate under 70db.

FULL ALARM CAPABILITY

Five independent alarms including high humidity, high and low line pressure, excess run and a power alarm. Each of the five independent alarm circuits can be monitored individually or as a single C.O. alarm. Excepting power alarm, each is signaled by a red alarm light on the front panel. Common, NO and NC terminals are provided.

COMPONENT PROTECTION

In the event of an overload the compressor and/or control circuit breaker will prevent any damage either to the compressor or electronics.

BUILT-IN HOUR METER

The hour meters on the front panel allow accurate tracking of compressor operation to facilitate effective routine maintenance.

REPACKABLE DESICCANT TOWERS

The NS style heatless DRY-PAK® facilitates desiccant change should the dryer media become contaminated.

SPECIFICATIONS

CHARACTERISTICS	MODEL 5000		MODEL 7200	
	60 Hz	50 Hz	60 Hz	50 Hz
Normal Capacity	5000 SCFD	4170 SCFD	7200 SCFD	6000 SCFD
Emergency Capacity	6000 SCFD	5000 SCFD	8400 SCFD	7000 SCFD
Weight	300 lbs.		335 lbs.	
Electrical Requirement	220V, 50Hz, 1ph 230V, 60Hz, 1ph		220V, 50Hz, 1ph 230V, 60Hz, 1ph	
Compressor	3/4 HP		1 HP	
Operating Current	11 amps		13 amps	
Compressor Protection	7.5 amp C.B.		10 amp C.B.	
Circuit Protection	0.5 amp C.B.		0.5 amp C.B.	

Specialists in Cable Pressurization

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