



 **Where Ideas Meet Industry**



Radiodetection
Dielectric Technologies
AN SPX BRAND

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 innovative 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 oilless compressor for optimum pressurization and dry air performance.

Model	Part No.	Description
5000	52476	5000 S.C.F.D. Normal Output Air Dryer
7200	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.

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.

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

World leaders



Radiodetection is a proud member of the SPX group of companies, which provide technical products and service solutions worldwide.

Radiodetection and its associated companies specialize in the design and manufacture of products for the location and maintenance of underground pipes and cables. Our aim is to be viewed as the supplier of choice of 'high performance' quality equipment using advanced product technologies. We are also committed to both design innovation and customer support.

Technical support



Radiodetection equipment users have easy access to technical support. A call to your regional representative, or the Radiodetection head office, will put you in contact with our team of field-experienced technical experts.

Servicing and repair



Radiodetection has a team of factory-trained service technicians and dedicated service facilities. Turnaround is fast, and costs are very competitive.

Training



Product training for your operators and training personnel is available on your site, or at Radiodetection's headquarters. Training is with qualified instructors and each trainee receives a certificate to confirm they have received the training.

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