

The logo for SPXX, featuring the letters 'SP' in a dark grey, bold, sans-serif font, followed by 'XX' in a bright green, bold, sans-serif font. A registered trademark symbol (®) is located to the right of the second 'X'.

**SPXX**®

A green chevron icon pointing to the right, positioned to the left of the tagline text.

**Where Ideas Meet Industry**



# Radiodetection

Dielectric Technologies  
AN SPX BRAND

## Model 200

SERIES A - D  
SPECIAL APPLICATION AIR DRYERS



### Features

- Adjustable system pressure allows for altitude compensation to assure peak efficiency at any elevation.
- Built-in air storage tank provides .25 cubic foot of dry air storage to reduce cycling and extend component life.
- Self-regenerating twin tower heatless drying system for years of trouble free operation.
- Compact and efficient design makes this unit ideal for all small capacity dry air requirements.

Dielectric's Model 200 series air dryers are fully self contained compressor dehydrators capable of providing dry air for small volume demands. These compact free-standing units are small enough to be easily mounted in even the most out-of-the-way spaces, yet provide a normal output of up to 200 S.C.F.D. (standard cubic feet per day) and a maximum capacity of 300 S.C.F.D.. The Model 200 series is available in four alarm/output pressure configurations and in 115V/60-50Hz or 220V/50-60Hz to provide optimum capabilities for all applications. With an adjustable outlet pressure of 2 to 15 PSIG (0.1 to 2.0 PSIG in the "D" series) standard units are available to fit most requirements.

The Model 200 Series air dryers are ideally suited for all your specialty pressurization requirements including toll cable, microwave repeater sites, CEV(Controlled Environment Vault), broadcast transmission line and waveguide pressurization. In addition, these units can be manufactured to military specifications for applications in ground based and mobile radar systems.

The Model 200 series air dryers utilize a reliable twin tower heatless drying system and a long life oilless compressor well suited for operation even at high altitudes. In addition, special consideration has been given to accessibility and ease of maintenance to provide a versatile, full featured pressurization package.

## OPTION DESIGNATIONS

### OPTIONS ARE KEYED TO LAST LETTER OF MODEL DESIGNATION

#### LETTER

-A The output pressure regulator allows adjustment of the output pressure from 2 to 15 PSIG. This unit comes equipped with a color-change Humidity Indicator, an adjustable Low Output Pressure Alarm, Power Off Alarm, Power On indicator light, and Summary Alarm Terminal Board. Both "Closed in Alarm" and "Open in Alarm" conditions can be monitored from the alarm terminal board.

-B The output pressure regulator allows adjustment of the output pressure from 2 to 15 PSIG. This unit is equipped with an Electronic Humidity Alarm factory preset to alarm at 2% RH (-20° dew point). Other standard features include an adjustable Low Output Pressure Alarm, and Power Off Alarm Power-On Indicator Light and a Summary Alarm Terminal Board. Both "Closed in Alarm" and "Open in Alarm" conditions can be monitored from the alarm terminal board.

-C The output pressure regulator allows adjustment of the output pressure from 2 to 15 PSIG. This unit is equipped with an Electronic Humidity Alarm, factory preset to alarm at 2% RH (-20° dew point), and a Humidity Bypass with automatic reset. Other standard features include an adjustable Low Output Pressure Alarm, adjustable High Output Pressure Alarm, Excessive Operation Alarm, and Power Off alarm. Front Panel indicator lights provide confirmation of alarm status and a segregated Alarm Terminal Board provides for remote recognition of 5 separate alarm conditions or a single "Summary" alarm condition. Both "Closed in Alarm" and "Open in Alarm" conditions can be monitored from the alarm terminal board.

-D A precision low pressure regulator allows adjustment of the output pressure from 0.1 to 2.0 PSIG. This model is equipped with an Electronic humidity alarm, factory preset to alarm at 2% RH (-20° dew point), and a Humidity Bypass with automatic reset. Other standard features include adjustable Low Output and High Output Pressure Alarms, Excessive Operation Alarm, and Power Off Alarm. Front panel indicator lights provide verification of alarm status and a Segregated Alarm Terminal Board provides remote recognition of five separate alarm conditions or a single "Summary" alarm condition. Both "Closed in Alarm" and "Open in Alarm" conditions can be monitored from the alarm terminal board.

## SPECIFICATIONS

CHARACTERISTICS	Model 200, Series A - D
Normal Capacity	200 SCFD
Maximum Capacity	300 SCFD
Dew Point	-40°F (-40°C)
Operating Voltage	115V/60-50Hz, 230V/60-50Hz
Operating Amps	1.0 Amps (230V), 2.0 Amps (115V)
Circuit Protection (manual reset)	1.25 Amp (230V), 5 Amp (115V)
Compressor	1/8 H.P.
Width	15.0 Inches
Height	16.5 Inches
Depth	8.0 Inches
Weight	35 lbs.
Air Outlet	3/8" O.D. Tube Fitting

# 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.

### America

#### Radiodetection

154 Portland Road  
Bridgton, ME 04009, USA  
Tel: +1 (207) 647 9495  
Toll Free: +1 (877) 247 3797  
Fax: +1 (207) 647 9496  
Email: rd.sales.us@spx.com  
Web: www.radiodetection.com

#### Pearpoint

72055 Corporate Way  
Thousand Palms CA 92276, USA  
Tel: +1 800 688 8094  
Tel: +1 760 343 7350  
Fax: +1 760 343 7351  
Email: pearpoint.sales.us@spx.com  
Web: www.radiodetection.com

#### Radiodetection (Canada)

344 Edgeley Boulevard, Unit 34  
Concord, Ontario L4K 4B7, Canada  
Tel: +1 (905) 660 9995  
Toll Free: +1 (800) 665 7953  
Fax: +1 (905) 660 9579  
Email: rd.sales.ca@spx.com  
Web: www.radiodetection.com

### Europe

#### Radiodetection Ltd (UK)

Western Drive  
Bristol BS14 0AF, UK  
Tel: +44 (0) 117 976 7776  
Fax: +44 (0) 117 976 7775  
Email: rd.sales.uk@spx.com  
Web: www.radiodetection.com

#### Radiodetection (France)

13 Grande Rue, 76220  
Neuf Marché, France  
Tel: +33 (0) 232 8993 60  
Fax: +33 (0) 235 9095 58  
Email: rd.sales.fr@spx.com  
Web: http://fr.radiodetection.com

#### Radiodetection (Benelux)

Industriestraat 11  
7041 GD 's-Heerenberg, Netherlands  
Tel: +31 (0) 314 66 47 00  
Fax: +31 (0) 314 66 41 30  
Email: rd.sales.nl@spx.com  
Web: http://nl.radiodetection.com

#### Radiodetection (Germany)

Groendahlscher Weg 118  
46446 Emmerich am Rhein, Germany  
Tel: +49 (0) 28 51 92 37 20  
Fax: +49 (0) 28 51 92 37 520  
Email: rd.sales.de@spx.com  
Web: http://de.radiodetection.com

### Asia-Pacific

#### Radiodetection (Asia-Pacific)

Room 708, CC Wu Building  
302-308 Hennessy Road, Wan Chai  
Hong Kong SAR, China  
Tel: +852 2110 8160  
Fax: +852 2110 9681  
Email: rd.sales.cn@spx.com  
Web: www.radiodetection.com

#### Radiodetection (China)

Hongfu Mansion, Room 61622  
Zheng Ge Zhuang, Bei Qi Jia Town  
Chang Ping District  
Beijing 102209, China  
Tel: +86 (0) 10 8975 5540  
Fax: +86 (0) 10 8975 5640  
Email: rd.service.cn@spx.com  
Web: http://cn.radiodetection.com

#### Radiodetection (Australia)

Unit 14, 5-7 Prosperity Parade  
Warriewood NSW 2102, Australia  
Tel: +61 (0) 2 9979 8555  
Fax: +61 (0) 2 9979 7733  
Email: rd.sales.au@spx.com  
Web: www.radiodetection.com

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**Radiodetection**  
AN SPX COMPANY



Global Headquarters  
13515 Ballantyne Corporate Place  
Charlotte, North Carolina 28277  
United States

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[www.spx.com](http://www.spx.com)