



# Refrigerated Compressed Air Dryers



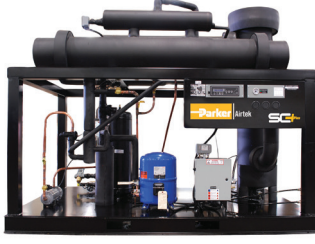

Product Selection

aerospace  
climate control  
electromechanical  
**filtration**  
fluid & gas handling  
hydraulics  
pneumatics  
process control  
sealing & shielding

# Parker Airtek Refrigerated Compressed Air Dryers



Model (Flow)	ZDHHT (15 - 100 scfm)	PRD (10 - 175 scfm)	PNC (200 - 1,200 scfm)
Mode of Operation	Non-cycling Direct Expansion	Non-cycling Direct Expansion	Non-cycling Direct Expansion
Refrigerant	R134a	R134a	R404a
Air System	Advanced 5 in 1 drying system (Aluminum / Stainless Steel)	3 in 1 heat exchanger (Aluminum / Stainless Steel)	4 in 1 heat exchanger (Aluminum Block)
Code	cETLus	cETLus CRN (Ontario, Quebec, and Saskatchewan only)	cETLus CRN (All Provinces)
Control Type	Electromechanical	Electromechanical	Electromechanical
Compressor	Hermetic Piston	Hermetic Piston	Hermetic Piston
Condenser	Air Cooled Only	Air Cooled Only	Air Cooled Only
Separator Type	Demister Pad	Demister Pad	Demister Pad
Electrical Protection	IP20	IP20	IP20
Drain Type	Float	PRD10 (Float) PRD15 - PRD175 (Timed Drain)	Timed Drain
Dewpoint	ISO8573-1:2010 Air Quality Class 6	ISO8573-1:2010 Air Quality Class 6	ISO8573-1:2010 Air Quality Class 5
Maximum Operating Pressure	232 psig (16 bar)	232 psig (16 bar)	203 psig (14 bar)
Maximum Inlet Temperature	200°F (93°C) (use correction factors if exceeding 180°F (82°C))	140°F (60°C) (use correction factors if exceeding 100°F (38°C))	140°F (60°C) (use correction factors if exceeding 100°F (38°C))
Minimum / Maximum Ambient Temperature	41°F (5°C) / 115°F (46°C)	41°F (5°C) / 122°F (50°C)	41°F (5°C) / 115°F (46°C)
Pre-filtration	Internal (std)	Required	Required

			
<b>DRD</b> <b>(200 - 3,000 scfm)</b>	<b>PTM</b> <b>(200 - 1,000 scfm)</b>	<b>SCP</b> <b>(1,250 - 3,000 scfm)</b>	<b>MSC</b> <b>(4,000 - 25,000 scfm)</b>
Non-cycling DRD200 - DRD250 Cycling DRD265 - DRD3000	Thermal Mass Cycling	Cycling - Tri Mode (Load / No Load) (Start / Stop) (Auto Select)	Cycling - (Load / No Load) (Start / Stop)
R407c	R404c	R404a	R404a
4 in 1 heat exchanger (Aluminum Block)	4 in 1 heat exchanger (Aluminum Block)	Tube and shell with cold coalescer (Two Stage)	Tube and shell with cold coalescer (Two Stage)
cETLus CRN (Except Alberta, New- foundland, and Labrador)	cETLus CRN (All Provinces)	cETLus CRN (Optional)	cETLus CRN (Optional)
Microprocessor	Microprocessor	Microprocessor	Microprocessor
DRD200 - DRD325 (Hermetic Piston) DRD400 - DRD3000 (Scroll Compressor)	Hermetic Piston	Hermetic Piston	Semi-Hermetic Cylinder Unloading
Air Cooled (Standard) Water Cooled (Optional) (DRD700 - DRD3000)	Air Cooled (Standard) Water Cooled (Optional) (PTM250 - PTM1000)	Air Cooled (Standard) Water Cooled (Optional)	Water Cooled (Standard) Remote Air Cooled (Optional)
Demister Pad	Demister Pad	Two Stage Cold Coalescing Filter	Two Stage Cold Coalescing Filter
NEMA 1	NEMA 1	NEMA 1	NEMA 1
DRD200 - DRD250 (Timed Drain) DRD325 - DRD3000 (Zero Air Loss Drain)	PTM200 - PTM325 (Timed Drain) PTM400 - PTM1000 (Zero Air Loss Drain)	Zero Air Loss Drain (Qty. 2)	Zero Air Loss Drain (Qty. 2)
ISO8573-1:2010 Air Quality Class 5	ISO8573-1:2010 Air Quality Class 5	ISO8573-1:2010 Air Quality Class 4 to 5	ISO8573-1:2010 Air Quality Class 4 to 5
203 psig (14 bar)	200 psig (13.8 bar)	SCP1200 - SCP1500 (200 psig (13.8 bar) std) SCP2000 - SCP3000 (150 psig (10.3 bar) std)	150 psig (10.3 bar) std
140°F (60°C) (use correction factors if exceeding 100°F (38°C))	140°F (60°C) (use correction factors if exceeding 100°F (38°C))	131°F (55°C) (use correction factors if exceeding 100°F (38°C))	131°F (55°C) (use correction factors if exceeding 100°F (38°C))
41°F (5°C) / 122°F (50°C)	41°F (5°C) / 115°F (46°C)	41°F (5°C) / 115°F (46°C)	41°F (5°C) / 115°F (46°C)
Required	Required	Recommended	Recommended

# Worldwide Filtration Manufacturing Locations

## North America

### Compressed Air Treatment Filtration & Separation/Balston

Haverhill, MA  
978 858 0505  
[www.parker.com/balston](http://www.parker.com/balston)

### Finite Airtek Filtration Airtek/domnick hunter/Zander

Lancaster, NY  
716 686 6400  
[www.parker.com/faf](http://www.parker.com/faf)

### Finite Airtek Filtration/Finite

Oxford, MI  
248 628 6400  
[www.parker.com/faf](http://www.parker.com/faf)

### Engine Filtration & Water Purification Racor

Modesto, CA  
209 521 7860  
[www.parker.com/racor](http://www.parker.com/racor)

Holly Springs, MS  
662 252 2656  
[www.parker.com/racor](http://www.parker.com/racor)

Beaufort, SC  
843 846 3200  
[www.parker.com/racor](http://www.parker.com/racor)

### Racor – Village Marine Tec.

Gardena, CA  
310 516 9911  
[desalination.parker.com](http://desalination.parker.com)

### Parker Sea Recovery

Carson, CA  
310 637 3400  
[www.searecovery.com](http://www.searecovery.com)

### Hydraulic Filtration Hydraulic Filter

Metamora, OH  
419 644 4311  
[www.parker.com/hydraulicfilter](http://www.parker.com/hydraulicfilter)

Laval, QC Canada  
450 629 9594  
[www.parkerfarr.com](http://www.parkerfarr.com)

### Process Filtration domnick hunter Process Filtration

Oxnard, CA  
805 604 3400  
[www.parker.com/processfiltration](http://www.parker.com/processfiltration)

Madison, WI  
608 824 0500  
[www.scilog.com](http://www.scilog.com)

Phoenixville, PA  
610 933 1600  
[www.parker.com/processfiltration](http://www.parker.com/processfiltration)

### Aerospace Filtration

Velcon Filtration  
Colorado Springs, CO  
719 531 5855  
[www.velcon.com](http://www.velcon.com)

## Europe

### Compressed Air Treatment domnick hunter Filtration & Separation

Gateshead, England  
+44 (0) 191 402 9000  
[www.parker.com/dhfn](http://www.parker.com/dhfn)

### Parker Gas Separations

Etten-Leur, Netherlands  
+31 76 508 5300  
[www.parker.com/dhfn](http://www.parker.com/dhfn)

### Hiross Zander

Padova Business Unit  
Padova, Italy  
+39 049 9712 111  
[www.parker.com/hzd](http://www.parker.com/hzd)

### Hiross Zander

Essen Business Unit  
Essen, Germany  
+49 2054 9340  
[www.parker.com/hzd](http://www.parker.com/hzd)

### Engine Filtration & Water Purification Racor

Dewsbury, England  
+44 (0) 1924 487 000  
[www.parker.com/rfde](http://www.parker.com/rfde)

### Racor Research & Development

Stuttgart, Germany  
+49 (0)711 7071 290-10  
[www.parker.com/rfde](http://www.parker.com/rfde)

### Hydraulic Filtration Hydraulic Filter

Arnhem, Holland  
+31 26 3760376  
[www.parker.com/hfde](http://www.parker.com/hfde)

### Ujala Operation

Ujala, Finland  
+358 20 753 2500  
[www.parker.com/hfde](http://www.parker.com/hfde)

### Condition Monitoring Centre

Norfolk, England  
+44 (0) 1842 763 299  
[www.parker.com/hfde](http://www.parker.com/hfde)

### Parker Kittiwake

West Sussex, England  
+44 (0) 1903 731 470  
[www.kittiwake.com](http://www.kittiwake.com)

### Parker Procal

Peterborough, England  
+44 (0) 1733 232 495  
[www.kittiwake.com](http://www.kittiwake.com)

### Process Filtration domnick hunter Process Filtration

Birtley, England  
+44 (0) 191 410 5121  
[www.parker.com/processfiltration](http://www.parker.com/processfiltration)

### Parker Twin Filter BV

Zaandam, Netherlands  
+31(0)75 655 50 00  
[www.twinfilter.com](http://www.twinfilter.com)

## Asia Pacific

### Australia

Castle Hill, Australia  
+61 2 9634 7777  
[www.parker.com/australia](http://www.parker.com/australia)

### China

Shanghai, China  
+86 21 5031 2525  
[www.parker.com/china](http://www.parker.com/china)

### India

Navi Mumbai, India  
+91 22 651 370 8185  
[www.parker.com/india](http://www.parker.com/india)

### Parker Fowler

Bangalore, India  
+91 80 2783 6794  
[www.johnfowlerindia.com](http://www.johnfowlerindia.com)

### Japan

Tokyo, Japan  
+81 45 870 1522  
[www.parker.com/japan](http://www.parker.com/japan)

### Parker Techno

Osaka, Japan  
+81 66 340 1600  
[www.techno.taiyo-ltd.co.jp](http://www.techno.taiyo-ltd.co.jp)

### Korea

Hwaseon-City  
+82 31 359 0852  
[www.parker.com/korea](http://www.parker.com/korea)

### Singapore

Jurong Town, Singapore  
+65 6887 6300  
[www.parker.com/singapore](http://www.parker.com/singapore)

### Thailand

Bangkok, Thailand  
+66 2186 7000  
[www.parker.com/thailand](http://www.parker.com/thailand)

## Latin America

### Parker Comercio Ltda. Filtration Division

Sao Paulo, Brazil  
+55 12 4009 3500  
[www.parker.com/br](http://www.parker.com/br)

### Pan American Division

Miami, FL  
305 470 8800  
[www.parker.com/panam](http://www.parker.com/panam)

## Africa

Aeroporto Kempton Park, South Africa  
+27 11 9610700  
[www.parker.com/africa](http://www.parker.com/africa)

