

Compressed Air Dryers

Cabinet Dryers Eliminate Moisture Problems in Electrical Cabinets and Motors

Balston CD Series Cabinet Dryers

You demand a lot from your electrical cabinets and motors. They are subject to nightly high pressure, hot wash downs and then expected to remain dry in a refrigerated area. Over time most cabinets develop moisture inside which leads to premature component failures. This interrupts production and costs you money. Expensive vortex coolers or heaters don't work. Vortex coolers use a considerable amount of air and have a high operating cost. Heaters simply raise the humidity of the air inside the cabinet and don't eliminate the moisture.

The Parker Balston Cabinet Dryer serves to reduce the humidity inside the cabinet to less than 10% RH. Any water that infiltrates the cabinet evaporates quickly. Electrical components stay clean and dry which prolongs their life.

Avoid costly down time!

Many plants struggle with moisture problems by managing downtime emergencies. Emergencies divert limited maintenance personnel and disrupt production at the cost of thousands of dollars per hour. The Cabinet Dryer reduces these maintenance and lost production costs by 80% or more. A typical customer will see savings of \$10K - 15K per year. The Cabinet Dryer will operate continuously and reliably without operator attention thus freeing up valuable maintenance personnel who are better devoted to important routine maintenance work rather than daily emergency response.

Product Features:

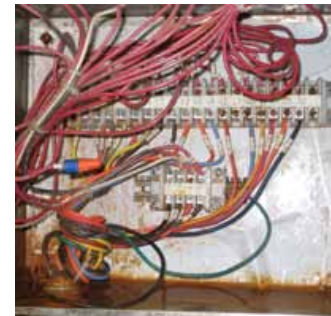
- Designed specifically for wash down areas
- Protects electrical cabinet components from damage caused by water and high humidity
- Minimizes pools of water inside cabinets
- Positive pressure keeps dust out
- Adds no heat to the cabinet
- Reduces cabinet humidity to less than 10% RH
- Requires no electricity, low operating costs
- Easy to install and maintain
- Quiet operation
- Protect motors, touch screens, drives and other critical components



Do Your Cabinets Look Like This?



Corrosion leads to premature component failure



Water accumulation in electrical cabinet

A Cabinet Dryer will keep your cabinets looking as good as new



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Principal Specifications

Model Number	CD0005	CD0010	CD0030
Cabinet Size Range (2)	0 - 4 FT ³ (0 - 0.11m ³)	4 - 12 FT ³ (0.11m ³ - 0.34m ³)	12 - 36 FT ³ (0.34m ³ - 1m ³)
Min/Max Inlet Air Temp	40°F/120°F (4°C/49°C)	40°F/120°F (4°C/49°C)	40°F/120°F (4°C/49°C)
Min/Max Ambient Air Temp	35°F/120°F (2°C/49°C)	35°F/120°F (2°C/49°C)	35°F/120°F (2°C/49°C)
Air Consumption	0.6 SCFM (17 slpm)	1.25 SCFM (35.4 slpm)	3.5 SCFM (99 slpm)
Min/Max Air Pressure	60 psi/150 psi (4.1 BAR/10.3 BAR)	60 psi/150 psi (4.1 BAR/10.3 BAR)	60 psi/150 psi (4.1 BAR/10.3 BAR)
Delivered Dew Point	-7°F(-22°C) (1)	-7°F(-22°C) (1)	-7°F(-22°C) (1)
Inlet and Outlet Port Size	1/4" NPT	1/4" NPT	1/4" NPT
Electrical Requirements	None	None	None
Dimensions	3"w x 9.2"h x 2"d (7.6cm x 2.34cm x 5cm)	3"w x 15.2"h x 2"d (7.6cm x 38.6cm x 5cm)	4.6"w x 15.3"h x 2.9"d (11.7cm x 38.9cm x 7.4cm)
Shipping Weight	1.5 lbs (0.68 kg)	2 lbs (0.9 kg)	2.5 lbs (1.1 kg)

Notes:

- 1 Delivered dewpoint is specified for saturated inlet air at 100°F (38°C) and 100 psig (6.9 BAR).
- 2 If the cabinet is not tightly sealed, consider upsizing to the next module size.
- 3 Filtration efficiency: 99.99% at 0.01micron.
- 4 For heavily contaminated air lines, install additional prefiltration.

Ordering Information For assistance call toll free at 800-343-4048, 8AM to 5PM EST

Model Number	CD0005	CD0010	CD0030
Replacement Filter Elements	070-063-BX	070-063-BX	070-063-BX
Replacement Auto Drain	C02-2392	C02-2392	C02-2392

Here's what our customers say:

"We tried heaters, fans and vortex coolers, our only solution was to use a Parker Balston dryer that continuously purges the cabinet with dry air."

- Lee Clarkson
Ross Industries

"I've been with Smithfield for 15 years and we've had issues with wet electrical cabinets for 15 years. We installed the cabinet dryer on our wet-test cabinet to see if it would work. Our Multivac™ packager was having significant issues. It was out of service 2-3 times per week due to condensation inside the cabinet. When we installed the dryer we noticed a difference right away. The water droplets on the walls of the cabinet were gone and our downtime from moisture was completely eliminated. It worked just like they told me."

Maintenance Manager
Large Meat Processing Plant



Offer of Sale

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2. Payment: Payment shall be made by Buyer within 30 days from the date of shipment. Amounts not timely paid shall bear interest at the Maximum rate permitted by law for each month or portion thereof that the Buyer is late making payment. Any claims by Buyer for omissions or shortages in a shipment shall be waived unless Seller receives notice thereof within 30 days after Buyer's receipt of the shipment.

3. Delivery: Unless otherwise provided on the face hereof, delivery shall be made F.O.B. Seller's plant. Regardless of the method of delivery, however, risk of loss shall pass to Buyer upon Seller's delivery to a carrier. Any delivery dates shown are approximate only and Seller shall have no liability for any delays in delivery.

4. Warranty: Seller warrants that the items sold hereunder shall be free from defects in material or workmanship for a period of 12 months from date of shipment to Buyer. THIS WARRANTY COMPRISES THE SOLE AND ENTIRE WARRANTY PERTAINING TO ITEMS PROVIDED HEREUNDER. SELLER MAKES NO OTHER WARRANTY, GUARANTEE, OR REPRESENTATION OF ANY KIND WHATSOEVER. ALL OTHER WARRANTIES, INCLUDING BUT NOT LIMITED TO, MERCHANTABILITY AND FITNESS FOR PURPOSE, WHETHER EXPRESS, IMPLIED, OR ARISING BY OPERATION OF LAW, TRADE USAGE, OR COURSE OF DEALING ARE HEREBY DISCLAIMED.

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5. Limitation of Remedy: SELLER'S LIABILITY ARISING FROM OR IN ANY WAY CONNECTED WITH THE ITEMS SOLD OR THIS CONTRACT SHALL BE LIMITED EXCLUSIVELY TO REPAIR OR REPLACEMENT OF ITEMS SOLD OR REFUND OF THE PURCHASE PRICE PAID BY BUYER, AT SELLER'S SOLE OPTION. IN NO EVENT SHALL SELLER BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES OF ANY KIND OR NATURE WHATSOEVER, INCLUDING BUT NOT LIMITED TO LOST PROFITS ARISING FROM OR IN ANY WAY CONNECTED WITH THIS AGREEMENT OR ITEMS SOLD HEREUNDER, WHETHER ALLEGED TO ARISE FROM BREACH OF CONTRACT, EXPRESS OR IMPLIED WARRANTY, OR IN TORT, INCLUDING WITHOUT LIMITATION, NEGLIGENCE, FAILURE TO WARN OR STRICT LIABILITY.

6. Changes, Reschedules and Cancellations: Buyer may request to modify the designs or specifications for the items sold hereunder as well as the quantities and delivery dates thereof, or may request to cancel all or part of this order, however, no such requested modification or cancellation shall become part of the contract between Buyer and Seller unless accepted by Seller in a written amendment to this agreement. Acceptance of any such requested modification or cancellation shall be at Seller's discretion, and shall be upon such terms and conditions as Seller may require.

7. Special Tooling: A tooling charge may be imposed for any special tooling, including without limitation, dies, fixtures, molds and patterns, acquired to manufacture items sold pursuant to this contract. Such special tooling shall be and remain Seller's property notwithstanding payment of any charges by Buyer. In no event will Buyer acquire any interest in apparatus belonging to Seller which is utilized in the manufacture of the items sold hereunder, even if such apparatus has been specially converted or adapted for such manufacture and notwithstanding any charges paid by Buyer. Unless otherwise agreed, Seller shall have the right to alter, discard or otherwise dispose of any special tooling or other property in its sole discretion at any time.

8. Buyer's Property: Any designs, tools, patterns, materials, drawings, confidential information or equipment furnished by Buyer or any other items which become Buyer's property, may be considered obsolete and may be destroyed by Seller after two (2) consecutive years have elapsed without Buyer placing an order for the items which are manufactured using such property. Seller shall not be responsible for any loss or damage to such property while it is in Seller's possession or control.

9. Taxes: Unless otherwise indicated on the face hereof, all prices and charges are exclusive of excise, sales, use, property, occupational or like taxes which may be imposed by any taxing authority upon the manufacture, sale or delivery of the items sold hereunder. If any such taxes must be paid by Seller or if Seller is liable for the collection of such tax, the amount thereof shall be in addition to the amounts for the items sold. Buyer agrees to pay all such taxes or to reimburse Seller therefore upon receipt of its invoice. If Buyer claims exemption from any sales, use or other tax imposed by any taxing authority, Buyer shall save Seller harmless from and against any such tax, together with any interest or penalties thereon which may be assessed if the items are held to be taxable.

10. Indemnity For Infringement of Intellectual Property Rights: Seller shall have no liability for infringement of any patents, trademarks, copyrights, trade dress, trade secrets or similar rights except as provided in this Part 10. Seller will defend and indemnify Buyer against allegations of infringement of U.S. patents, U.S. trademarks, copyrights, trade dress and trade secrets (hereinafter 'Intellectual Property Rights'). Seller will defend at its expense and will pay the cost of any settlement or damages awarded in an action brought against Buyer based on an allegation that an item sold pursuant to this contract infringes the Intellectual Property Rights of a third party. Seller's obligation to defend and indemnify Buyer is contingent on Buyer notifying Seller within ten (10) days after Buyer becomes aware of such allegations of infringement, and Seller having sole control over the defense of any allegations or actions including all negotiations for settlement or compromise. If an item sold hereunder is subject to a claim that it infringes the Intellectual Property Rights of a third party, Seller may, at its sole expense and option, procure for Buyer the right to continue using said item, replace or modify said item so as to make it noninfringing, or offer to accept return of said item and return the purchase price less a reasonable allowance for depreciation. Notwithstanding the foregoing, Seller shall have no liability for claims of infringement based on information provided by Buyer, or directed to items delivered hereunder for which the designs are specified in whole or part by Buyer, or infringements resulting from the modification, combination or use in a system of any item sold hereunder. The foregoing provisions of this Part 10 shall constitute Seller's sole and exclusive liability and Buyer's sole and exclusive remedy for infringement of Intellectual Property Rights.

If a claim is based on information provided by Buyer or if the design for an item delivered hereunder is specified in whole or in part by Buyer, Buyer shall defend and indemnify Seller for all costs, expenses or judgments resulting from any claim that such item infringes any patent, trademark, copyright, trade dress, trade secret or any similar right.

11. Force Majeure: Seller does not assume the risk of and shall not be liable for delay or failure to perform any of Seller's obligations by reason of circumstances beyond the reasonable control of Seller (hereinafter 'Events of Force Majeure'). Events of Force Majeure shall include without limitation, accidents, acts of God, strikes or labor disputes, acts, laws, rules or regulations of any government or government agency, fires, floods, delays or failures in delivery of carriers or suppliers, shortages of materials and any other cause beyond Seller's Control.

12. Entire Agreement/Governing Law: The terms and conditions set forth herein, together with any amendments, modifications and any different terms or conditions expressly accepted by Seller in writing, shall constitute the entire Agreement concerning the items sold, and there are no oral or other representations or agreements which pertain thereto. This Agreement shall be governed in all respects by the law of the State of Ohio. No actions arising out of the sale of the items sold hereunder or this Agreement may be brought by either party more than two (2) years after the cause of action accrues.