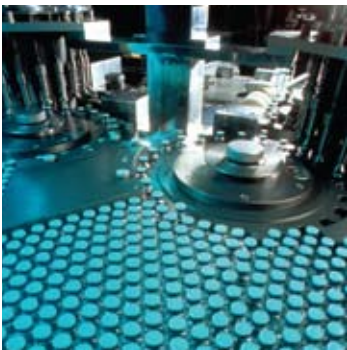


aerospace
climate control
electromechanical
filtration
fluid & gas handling
hydraulics
pneumatics
process control
sealing & shielding



PDRD Refrigeration Dryers

Features and Benefits

Bulletin 0700-B3



ENGINEERING YOUR SUCCESS.

PDRD Refrigeration Dryers

Features and Benefits

Point-Of-Use Clean Dry Air System

- High quality clean dry air in a compact design exactly where it is needed.
- Compact, simple and cost effective way of providing clean dry air at the point-of-use for applications.



Easy To Maintain and Operate

- Compact dimensions
- Easy dryer positioning (condenser air flow, compressed air connections and drain connections all maintained within two operating sides, leaving other free).
- Full internal access to major components by removing single canopy, maintenance from one single side.
- The dryer utilizes an automatic bypass control that precisely controls the operation of the dryer – no seasonal adjustment.
- Virtually maintenance free.
- Drain mounted inside a niche.



Simple “Plug & Play” Design

- PDRD10 - PDRD125 dryers are supplied with 6 foot power cord for easy installation and operation.



PDRD Refrigeration Dryers

Features and Benefits

Innovative PlusPack Heat Exchanger (patent pending)

- Robust all-in-one aluminum construction.
- 3-in-1 construction of housing, evaporator, and heat exchanger.
- Integrated air connections increase overall robustness and reliability by reducing potential refrigerant leak points.
- Air-to-air freecooler on all models (reduces power consumptions, no sweating downstream, and protects dew point).
- Ultralow 1.45 PSIG differential pressure provides energy savings.
- Includes pre-cooler/re-heater for greater energy efficiency and eliminates pipe sweating downstream.



“Slow Flow” Demister Separation Technology

- Non velocity dependent moisture separation technology. Unlike centrifugal separators, it maintains excellent moisture separation efficiency at reduced air flows.
- Ensures dew point performance (moisture removal) across all operating conditions.

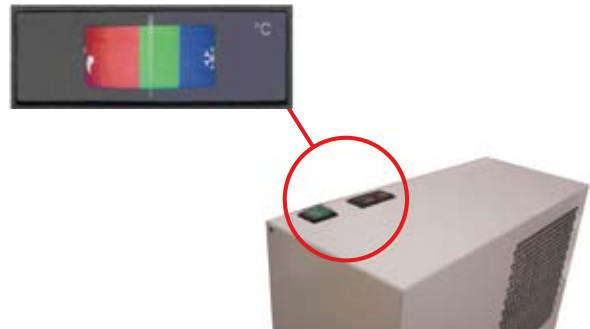


PDRD Refrigeration Dryers

Features and Benefits

Control Section

- On / Off switch with lamp.
- Three zone dew point indicator provides at a glance indication of dryer performance.
- Avoid damage to equipment and problems downstream.



Virtually Maintenance Free Operation

- The dryer utilizes an automatic bypass control that precisely controls the operation of the dryer – no seasonal adjustment.



R134a Refrigerant on All Models

- Environmentally friendly.
- Low global warming potential and unlike R22 (2010), there is no phase out planned (Montreal Protocol compliant).
- Very well suited for efficient operation in warm ambient temperatures.



Bulletin 0700-B3 06/2008



Parker Hannifin Corporation
Pneumatic Division
8676 E. M89
P.O. Box 901
Richland, MI 49083 USA
Tel: 269 629 5000
Fax: 269 629 5385

Applications Engineering

Phone: 877 321 4PDN Option #2
E-mail: pdnapps@parker.com

Customer Support

Phone: 877 321 4PDN Option #1
E-mail: pdncustsvc@parker.com
Web site: www.parker.com/pneumatics