

ADVANTAGES OF PARKER'S COMPRESSED AIR TREATMENT & GAS GENERATION PRODUCTS

Parker's Industrial Gas Filtration and Generation Division redefines compressed air treatment and gas generation with premier solutions, including compressed air/gas filters and dryers, condensate management products, breathing air purifiers, process water chillers and on-site nitrogen generators for many diverse markets, industries and applications where compressed air and gas purity, product quality and technological excellence are paramount.



COMPRESSED AIR FILTERS

- Port sizes from 1/4" NPT up to 12" FLG & flows from 21 to 16,000+ scfm
- Meet or exceed requirements of ISO8573-1, the international standard for compressed air quality
- Filtration performance independently validated by Lloyds Register
- Industry leading pressure loss & energy efficiency
- FDA Title 21 CFR compliant & EX1935/2004 exempt
- Air Quality Guarantee - The only filter range to offer a one-year air quality guarantee
- 10-year guarantee on die-cast filter housings



REFRIGERATED COMPRESSED AIR DRYERS

- Non-cycling designs from 10-250 scfm & cycling designs from 325-6000 scfm
- All-in-one aluminum heat exchangers reduce potential leak points
- Low volume of refrigerant designs results in one of the lowest absorbed powers in the industry
- Large air channel design and delivers lowest pressure drop in their class (<2.0 psid)
- Robust, energy efficient scroll compressors on all PSE models
- All SPS and PSE utilize low global warming potential refrigerant - R513A



ENGINEERING YOUR SUCCESS.

DESICCANT COMPRESSED AIR DRYERS

- Modular and twin tower designs
- Multiple regeneration methods – including heatless, externally heated and blower purge
- Standard flow rates up to 7500 scfm & larger flow rates available via special request
- Equipped with industry leading filtration, systems deliver air in accordance with ISO8573-1
- Advanced control systems, including Allen Bradley® PLC's with Modbus communications
- Dewpoint dependent switching for energy savings come standard on most models
- Twin tower designs are completely configurable to fit a wide variety of applications



NITROGEN GENERATORS



- Deliver high purity nitrogen – up to 99.9995%
- Energy saving technology option reduces compressed air use, saving energy and money
- Lowest cost of maintenance, extensive working life
- Industrial compliance – Food and pharmaceutical safe, including FDA Article 21
- Easily upgradable supply – Simply add extra generators as the application requirement grows
- Standard features ensure gas quality control

PROCESS WATER CHILLERS



- Cooling capacities up to 54 tons (190 kW)
- Turnkey systems complete with water tank, immersed evaporator and pump with bypass
- Compact and easy to install solution
- Completely configurable with several options and kits to fit a wide variety of industrial applications needs
- Cycling design provides energy savings and prolonging the compressor and chiller lifetime
- IP54 rated with optional outdoor low ambient kits allow for installation in cold or freezing applications

We stand behind our products with our best-in-class warranty.



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