




DAKOTA FLUID POWER
COMPRESSED AIR PRODUCTS
SALES & SERVICE

Dependable Experts

FACTORY TRAINED STAFF

Dakota Fluid Power has earned an unparalleled reputation for rapid response and perseverance in solving custom problems. Nowhere is this better exemplified than by our Compressed Air Products Experts. Whether it is a 139 point **airCARESM** inspection, coordinating and performing your required proactive maintenance intervals, or getting you back up and running from an unforeseen breakdown, our on call experts are on the job day or night to make sure you experience the maximum in uptime.



Quality Maintenance Products & Comprehensive Solutions

WIDE RANGE OF MAINTENANCE PRODUCTS

As our customer, you can choose from our wide range of products and services to create a complete compressed air system tailored to your specific needs. All our service technicians are factory trained on the installation and maintenance of all major brands of rotary screw and piston compressors. Our standard maintenance products include:



- Oil
- Oil Filters
- Air Filters
- Separators
- Factory OE Parts
- After Market Parts

MAINTENANCE SOLUTIONS

Customized for all sized systems & budgets.

- Compressor Maintenance
- Piping & Compressor Installation
- In-house Repairs
- Troubleshooting
- Call-in Tech Support
- 24HR Field Service Repairs
- Inspection Plan *(Up to 139 System Checks Logged)*

airCARESM Inspection Plan

OUR 139 POINT INSPECTION

This plan offers a budget friendly assessment of your air compressor system to verify it is operating properly and efficiently. Our Inspection Plan:

- Requires no downtime for your system.
- Is beneficial for catching any potential inefficiency before they become expensive repairs, 90% of all unexpected downtimes are due to unperformed maintenance.
- Nine locations to draw personnel and resources from.

BENEFITS OF INSPECTION PLAN

- Increased Reliability of Compressor & System
- Reduced Operational & Maintenance Costs
- Extended Compressor & System Life
- Improved Operational Safety
- Stabilized Cost of Ownership
- Complete Documented Maintenance History



Complete Compressed Air System Products

Dakota Fluid Power is dedicated to providing our customers with the best products designed and manufactured by the most respected names in the market. We do our best to align ourselves with suppliers that have the same business philosophy that we do...Provide quality products and exceptional service at a competitive price.

- Rotary Screw & Piston Compressor
- Refrigerated & Desiccant Dryers
- Air Tanks
- Air Piping
- Condensate Management Components
- Instrumentation (Flow, Pressure, Dew Point, Temperature)
- In-line Filters
- Consumable Parts (Filters Separators, Oil)





AIRCARE INSIGHT

How can we help optimize your compressed air system?

- System analysis uses instrumentation for blueprinting, data collection, energy consumption analysis.

DESIGN & ENGINEERING SERVICES

At DFP, we can assist you with systems design, engineering support & development, on-site start-up, testing and troubleshooting. Dakota Fluid Power's unique strengths are comprised of our ability to come together as a team utilizing shared resources, as well as technical expertise.

SUPPLY SIDE SYSTEM WORKSHEET

Supply Side Efficiency Rating	Rating	Enter Value For
Rotary/Recip Control Mode	0	VSD or Variable
	3	Load Unwind
	4	Modulation
Dry Storage	0	10 Gallons/CF
Note Exact Size:	1	6 Gallons/CF
	2	3 Gallons/CF
	3	3 Gallons/CF
	4	3 Gallons/CF
	5	1 or less Gal/
	6	10 Gallons/CF
	7	5 Gallons/CF
	8	1 or less Gal
	9	PLC Based
	2	Compressed
	4	Pressure SW
	5	None - MA
	0	Profession
	1	In-house I
	3	Repair On
	6	Repair On
	0	Class 4th
	2	Classified
	2	Duty or
	0	Pool Co
	1	Hourly
	2	Heat of
	4	Heated
	6	Heated
	10	Heated
	0	All On
	2	Mix of
	4	Time
	5	Part
	0	E SP
	5	Part
	10	100%
Total Supply System Rating		(Add up all)

DEMAND SIDE WORKSHEET

Demand Side Efficiency Rating	Rating	Enter Value for Each Condition That Applies
System Pressure Note	1	100 - 114 psig Plant Header Pressure
	2	115 - 124 psig Plant Header Pressure
	3	125 - 134 psig Plant Header Pressure
	0	No Compressed Air Blowing or Use Low Pressure Blowers Only
	2	Minimal Blowing Applications Using Engineered Nozzles
	5	Some Compressed Air Blowing Using Tubing or Pipe Manifolds
	8	Significant Use of Comp Air Blowing on Product or Equipment
	0	No Inappropriate or Inefficient Uses Identified
	2	Vacuum Generators and Venturis Identified
	2	Spraying, Mixing of Liquids with Compressed Air
	2	Vibrators or Agitators Powered by Compressed Air
	2	Other: Diaphragm Pumps, Filter Presses
	4	Large or Multiple Pulse Type Baghouses or Dust Collector
	5	Conveying of Material with Compressed Air (not blowers)
	7	Significant Use of Air - 45 psig but Compressed to > 90 psig
	1	Aggressive Leak Repair Program Including Ultrasonic Scanning
	3	Semi or Annual Leak Repair Effort
	5	No Leak Management but Do Repair Large or Obvious Leaks
	7	Minimal Effort on Leak Repairs
Total Demand Side Rating		(Add up all ratings above)

Compressors:

Model #: _____

Serial #: _____

Dryers:

Model #: _____

Serial #: _____

Filters:

Model #: _____

Serial #: _____

Contact Information:

Company Name: _____

Contact: _____

Address: _____

Phone: _____

Email: _____

Efficiency Rating Conducted By:

Name: _____

Company Name: _____

Phone: _____

Email: _____

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