

P4-Series LPG Dispensers



P4-100, Single Hose



**P4-150, Single Hose
Cylinder & Autogas**



P4-200, Dual Hose

ETL Listed to UL-495 NTEP Certified for Retail Sale

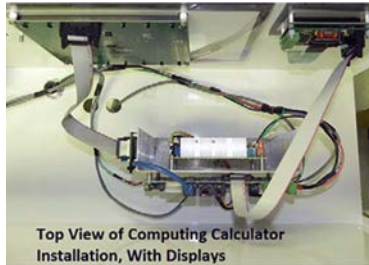
The Next Generation in LPG Refueling Dispensers

Parafour's "P4-Series" offer the next generation in advanced LPG refueling dispensing systems. From electronic upgrades to existing "Cabinet" style mechanical dispensers, to dual purpose cylinder and Autogas refueling dispensers, through full retail "Pay at the Pump" Autogas untended dispensers with fuel management systems, The P4-Series offer

the best technology at the best price. You won't find a more feature rich and capable dispenser at a better price. Built to exacting standards and designed around ALL applicable codes and regulations (NFPA 58, NEC, UL-495 & NCWM Handbook 44), ONLY Parafour offers the most capable and compliant dispensers on the market today.

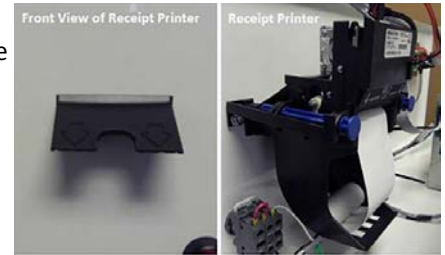
Computer Features:

- Single large display with total Sale, Price per gallon and gallons
- Easy to read back-lit LCD displays
- Intuitive programming w/secure keypad
 - 16 Key alpha-numeric keypad
 - 5-level secured access programming
 - 110 vac/60Hz OR 220vac/50 Hz power supply
 - Communicates to most fuel management systems
 - Integral Gilbarco 2-wire communication protocol



Standard Features:

- Automatic Temperature Compensation
- Advanced Electronic "touch" Calibration
- Enhanced Accuracy w/quadrature pulser
- 5-level Preset Pricing
- Leak/Theft Detection
- Integrated Fuel management System Interface
- Liqua-Tech LPM102 or Neptune 4D-MD meters
- NOW with optional Mass Flow Meters
- Integrated 12 gpm pump for dual purpose LPG resellers



Optional Equipment:

- 3" roll Receipt Printer
- Pedestal/Post mount Options
- Integrated Fleet Fuel Management with RFID key FOB
- Spanish, Russian and other Language versions available

Attractive, Compact, Robust and Reliable & Robust, The P4-Series have no rivals. Designed and built by the most accomplished and experienced LPG dispenser design team in North America, you simply will not find a better product, better support, or better price!

Parafour Innovations is dedicated to quality, technology & affordability, with a focus on technology, support, and future expandability to meet the needs of a rapidly evolving and growing LPG refueling market. Invest today in a product which will give you years of faithful service and upgradeable enhancements to improve your efficiency and customer service as your business grows!

Invest in **Parafour...the Next Generation LPG Dispenser Technologies!**

ADVANCED TECHNOLOGY – COMPETITIVE PRICE!

ParaFLEET

A Basic Small Fleet Fuel Management System



Low Cost basic fleet management for small fleets where basic information is required, or where it is impractical to run fixed communication line.

Features:

- RFID operated with Key FOB or Card***
- Close Proximity communication for security***
- USB thumb drive data retrieval***
- Common file formats, .xls or .csv***
- Networkable ability with Ethernet port***
- Built into the dispenser, no additional installation cost***
- Available in fall of 2016***

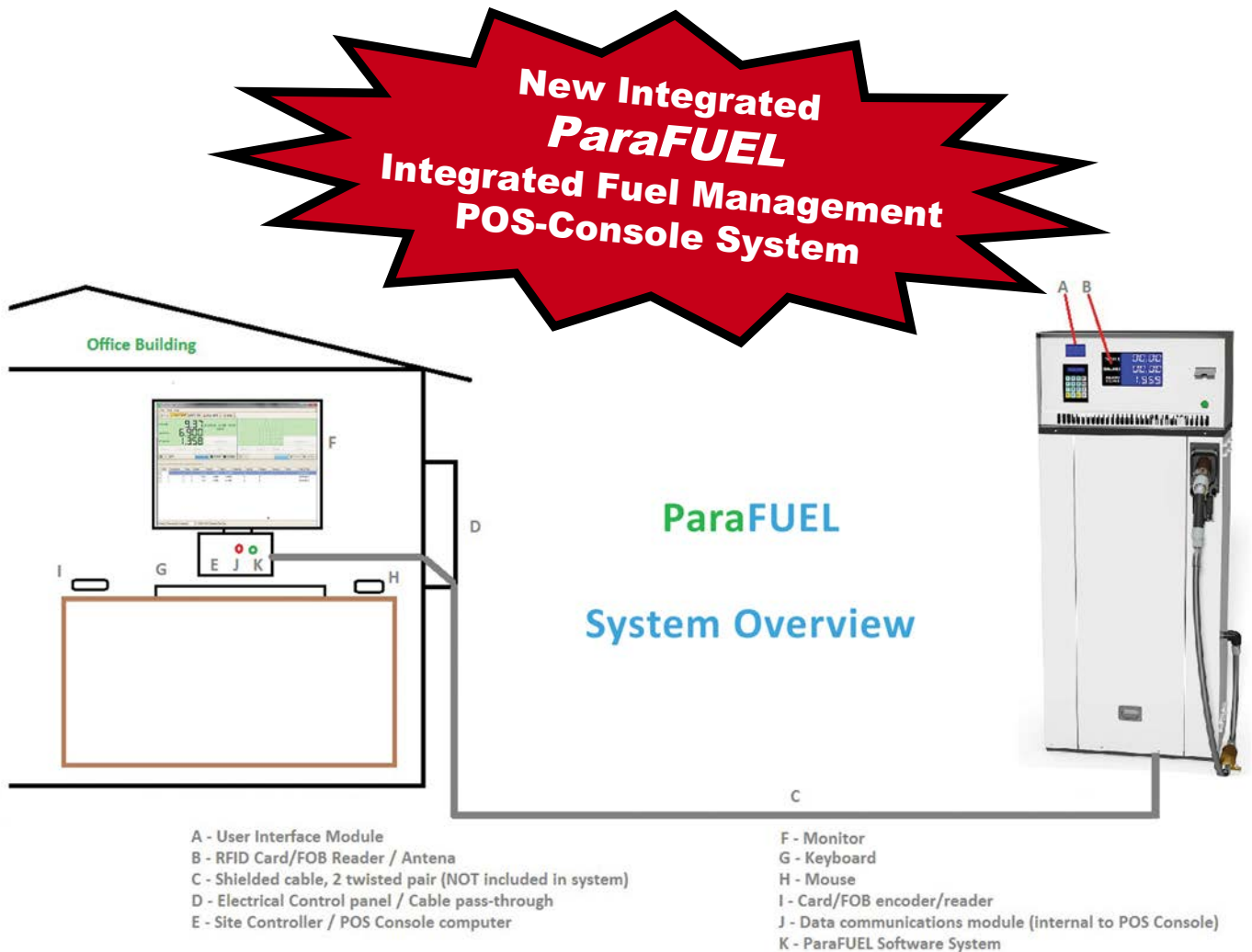
ParaFUEL Fleet Fueling Report

Period:		April 30, 2016 - May 30, 2016					
Transactions	31	Total Gal.	289.6	Errors	0		
Trans. #	Date	Hose #	Vehicle	Gallons	User	Product	Mileage
1	4/30/2016	1	126	33.2	Jones	Autogas	26141
2	5/1/2016		131	17.9	Murphy		19624
3	5/2/2016		1193	21.6	Marchenko		31408
4	5/3/2016			9.4	Moore		964
5	5/4/2016		131	29	Marchenko		150459
6	5/5/2016			6			Jones
7	5/6/2016		126	30	Marchenko		26141
8	5/7/2016	2	126	31.4	Jones		19624
9	5/8/2016		1193	33.2			Marchenko
10	5/9/2016	1	131	17.9	Murphy		964
11	5/10/2016		131	21.6	Jones		150459
12	5/11/2016		126	9.4	Murphy		98624
13	5/12/2016		131	29	Marchenko		26141

ParaFUEL

A Comprehensive Fleet Fuel Management System

ParaFUEL Fuel Management System



ParaFUEL is a comprehensive fuel management system, which can be used as either a private fleet fuel management system, or as a general retail fuel sales management and control system. The RFID reader can be installed inside the head of most Parafour P4 dispensers; not requiring a separate standalone card reader. The ParaFUEL POS Console package includes a console computer, monitor, keyboard, mouse, card/FOB encoder/reader, internal communications module, and ParaFUEL software. The system DOES require a data cable connection between each dispenser and the Site Controller, installed in the facility building. The ParaFUEL system consists of 2 main subsystems:

1. The **User Interface System** mounted in the dispenser for convenience and interfacing with

the dispenser computer, through the **Site Controller**.

2. The **Site Controller**, which communicates with, and controls both the **User Interface Module** and the dispenser calculating computer, with the ParaFUEL software and database.

The system is activated by an RFID device, registered to the ParaFUEL database, by simply waving in front of the RFID icon on the main display.

Options for vehicle/driver ID include:

1. RFID Card (Similar in size and shape to a credit card)
2. RFID keychain FOB or tag, similar to a memory stick
3. Both can be labeled or marked for ID by the user

PV-100

A Basic Small Fleet Fuel Management System

OPW-Petrovend PV-100 Fuel Management Pedestal System Manual on-site USB Memory-Stick Data Transfer Only

Effective: 1 June 2017

Full Service Distributor Pricing With Discount

Part Number	Description
PV-100-50-2	Pedestal FMS, 2 pump capable, 50 user, Pin code entry only
PV100-100-2	Pedestal FMS, 2 pump capable, 100 user, Pin code entry only
PV100-250-2	Pedestal FMS, 2 pump capable, 250 user, Pin code entry only
PV-100-50-2-MSR	Pedestal FMS, 2 Hose capable, 50 user, Mag-Stripe reader with 50 cards
PV100-100-2-MSR	Pedestal FMS, 2 Hose capable, 100 user, Mag-Stripe reader with 50 cards
PV100-250-2-MSR	Pedestal FMS, 2 Hose capable, 250 user, Mag-Stripe reader with 50 cards
PV-100-50-2-RFID	Pedestal FMS, 2 Hose capable, 50 user, RFID reader with 50 Key-FOBs
PV100-100-2-RFID	Pedestal FMS, 2 Hose capable, 100 user, RFID reader with 50 Key-FOBs
PV100-250-2-RFID	Pedestal FMS, 2 Hose capable, 250 user, RFID reader with 50 Key-FOBs
PV-MSCard-W	Single Mag-Stripe Card, White
PV-MSCard-B	Single Mag-Stripe Card, Blue
PV-RFID Card	Single Proximity RFID Card, with Clip hole, White
PV-RFID FOB	Single Proximity Key FOB, White
PV-100-4H	4 Hose Control Option (2 each 2 hose pump control modules)
P4-PV-Kit-1	PV100 to P4-100XX or P4-150XX Series Installation kit, for 19" separation, includes conduit, fittings, J-Box, sealouts and harness assembly, for
P4-PV-Kit-2	PV100 to P4-200XX Series Installation kit, for 19" separation, includes conduit, fittings, J-Box, sealouts and harness assembly, for

PV-100-XX-X



PV-MSCard-W



PV-RFID Card



PV-RFID FOB



The All NEW P4-050

Low Cost Electronic Dispenser Head for Existing Mechanical Meter Stations



**ETL Listed to UL-495/1203/1238
and 913 NTEP Certified as RMFD
for retail sale**

(ETL-C and Measurement Canada Pending)

FEATURES AND OPTIONS

Computer Features:

- Single large display with total Sale, Price per gallon and gallons
- Easy to read back-lit LCD displays
- Intuitive programming with secure keypad
- 16 Key alpha-numeric keypad
- 5-level secured access programming
- 110 vac / 60Hz OR 220vac / 50 Hz power supply
- Communicates to most fuel management systems

Standard Features:

- Automatic Temperature Compensation
- Advanced Electronic "touch" Calibration
- Enhanced Accuracy with quadrature pulser
- 5-level Preset Pricing
- Leak / Theft Detection
- Integrated Fuel management System Interface
- Approved for LPG / DME / NH3 and other Normal Liquids
- 102 vac / 60 Hz or 220 / 50 Hz power
- Solenoid control
- 1 or 2 hose selectable operation
- Direct mount to certain model meters
- Option Pedestal mount
- Remote mount up to 12'















Compatible with the following meters:












- Liquate4ch LPM102
- Red-Seal Neptune 4DMD
- LC MA4
- Red-Seal MO-XXXXX Mass Flow Meters
- Micro Motion FO-XXXX Mass Flow meters

Optional Equipment:

- 3" roll Receipt Printer
- Pedestal / Post mount Options
- Integrated Fleet Fuel Management with RFID key FOB
- Flow control solenoid kit
- Pedestal mount kit

**Call to see how you can upgrade your mechanical station
to a full electronic dispenser, with full NTEP Certification
and ETL/UL Listing**

Effective Date:	1 June 2017	2017
Version:	ver 4.3	Description
	Model	P4 Series Dispensers & Options
	P4-100XX	Single Hose Dispenser , 1 Autogas Hose (XX= "LT" for Liqua-Tech LPM10 / "NP" for Red-Seal 4DMD) (Non-Listed Models Available While Supplies Last)
	P4-100XX-L	Single Hose Dispenser , 1 Autogas Hose ETL Listed To UL-495 / 1238 / 1203 (XX= "LT" for Liqua-Tech LPM10 / "NP" for Red-Seal 4DMD)
	P4-150XX	Two Hose Dispenser , Single meter, 1 Autogas hose, 1 Cyl Hose (XX= "LT" for Liqua-Tech LPM10 / "NP" for Red-Seal 4DMD) (Non-Listed Models Available While Supplies Last)
	P4-150XX-L	Two Dispenser , Single meter, 1 Autogas hose, 1 Cyl Hose ETL Listed To UL-495 / 1238 / 1203 (XX= "LT" for Liqua-Tech LPM10 / "NP" for Red-Seal 4DMD)
	P4-200XX	Dual Hose Dispenser , 2 Autogas Hoses, Island Orientation (XX= "LT" for Liqua-Tech LPM10 / "NP" for Red-Seal 4DMD) (Non-Listed Models Available While Supplies Last)
	P4-200XX-L	Dual Hose Dispenser , 2 Autogas Hoses, Island Orientation ETL Listed To UL-495 / 1238 / 1203 (XX= "LT" for Liqua-Tech LPM10 / "NP" for Red-Seal 4DMD)
	Option-PR	Printer Option , 2-1/4" Thermal roll, Dispenser specific design for use in outdoor applications
	LC Meter Option	LC MA-4 Meter with POD-5 Pulsar, upgrade to P4 dispensers (Insert "LC" in the "XX" suffix on all P4-Series models)
	HA-0021	GG20HSL Hose & Nozzle kit , 18" x 3/4" whip hose, 11' x 3/4" Delivery Hose, MEC Pullaway & GG20L Autogas Nozzle
	HA-0014	Italian Style Hose & Nozzle Kit , 18"x 1/2" whip hose, 11' x 1/2" Delivery Hose, MEC Pullaway & OPW Autogas Nozzle
		Euro-Style Hose & Nozzle Kit , 18"x 1/2" whip hose, 11' x 1/2" Delivery Hose, MEC Pullaway & OPW Autogas Nozzle
	HA-0022	QCC Cylinder Hose & Nozzle kit , 11' x 1/2" deliver hose & MEC Quick Connect QCC Nozzle
	HK-0003	P4-Series Safety System , Knock Over Protection for installation under dispenser (requires elevated skid frame or dispenser pit) Price varies with dispenser model. Model as priced fits P4-100 & P4-150
	HK-0004	Hose Retractor Kit for P4-Series Dispenser, Vertical, Mounts to Hose outlet Side, with installation kit. (Requires drilling holes in dispenser cabonet, and bas anchor to island or station skid) Requires Final Installation on site, with provided installation kit
	GG20HSL	Gasguard GG20L LPG Autogas Nozzle , Latching, 1-3/4" ACME , with Strainer, With Low Handle Pressure (prices subject to change in currency exchange rate)
	BN300A	OPW "Italian-Style" Nozzle , Quick Connect (prices subject to change in currency exchange rate)
	ZVG2	ELAFLEX "Euro-Bayonet Style" Nozzle , Quick Connect (prices subject to change in currency exchange rate)

Effective Date:	1 June 2017	2017
Version:	ver 4.3	Description
	Model	P4 Series Dispenser Accessories
	P4-SECP-NMS	Economy Station Electrical Control panel, Single phase, for use with external VFD, NO-MOTOR STARTER, 3-7.5 HP motors. Includes NEMA 4X enclosure, E-STOP, LOTO Disconnect switch dispenser circuit breaker, FMS circuit breaker, Time Delay Relay for Pump, Data Disconnect Relay, Pre-Wired with General Electrical schematic. 2 Hose Maximum. Base Price. Built to order, must provide voltage and full load current with order.
	P4-SECP-1P	Economy Station Electrical Control panel, Single phase, for 3-5 HP motors. Includes NEMA 4X enclosure, E-STOP, LOTO Disconnect switch, Motor starter, current overload protection, dispenser circuit breaker, FMS circuit breaker, Time Delay Relay for Pump, Data Disconnect Relay, Pre-Wired with General Electrical schematic. 2 Hose Maximum. Base Price. Built to order, must provide voltage and full load current with order.
	P4-SECP-3P	Economy Station Electrical Control panel, 3 Phase, for 5-7.5 HP motors. Includes NEMA 4X enclosure, E-STOP, LOTO Disconnect switch, Motor starter, current overload protection, dispenser circuit breaker, FMS circuit breaker, Time Delay Relay for Pump, Data Disconnect Relay, Pre-Wired with General Electrical schematic. 2 Hose Maximum. Base Price. Built to order, must provide voltage and full load current with order.
	P4-SFCP-3P	Full Size Station Electrical Control panel, 3 phase, for 5-10 HP motors. Includes NEMA 4X enclosure, E-STOP, LOTO Disconnect switch, Motor starter, current overload protection, dispenser circuit breaker, FMS circuit breaker, Time Delay Relay for Pump, Data Disconnect Relay, Pre-Wired with General Electrical schematic. 2 Hose Maximum. Base Price. Built to order, must provide voltage and full load current with order.
	P4-SVFCP-1P	VFD Electrical Control panel, Single phase, for 5-7.5HP motors. Includes NEMA 4/12 enclosure with thermostat and cooling fans, E-STOP, LOTO Disconnect switch, Motor starter, current overload protection, dispenser circuit breaker, FMS circuit breaker, Time Delay Relay for Pump, Data Disconnect Relay, Pre-Wired with General Electrical schematic. Includes VFD and associated controls Base Price. Built to order, must provide voltage and full load current with order.
	P4-K800 Hybrid	OPW/Petrovend K800 Hybrid Fuel management system, Configured for P4-Series Dispenser, Starter system with 50 cards, Site controller, P4-Series dispenser harness and interface, FMS Software, and tech-support package, 2 hose capable starter system (NOTE: Requires onsite setup & training by local OPW distributor)
	P4-PV100	OPW/Petrovend PV100 Basic Fuel management system, Configured for P4-Series Dispenser, 50 vehicle maximum (Expandable to 250), Pin code entry (Optional Card or RFID) USB Memory stick data transfer, With expanded data option, with Pedestal or Wing Bracket (Specify when ordering) Price varies with specific configuration. Call for exact pricing.
	P4-ParaFUEL	ParaFUEL Fleet/Retail Fuel Management/POS system, single hose package, Unlimited customer, vehicle, or furl category types, RFID CARD of FOB (Specify when ordering) For Advanced Fleet fuel management or Retail LPG Resellers. Includes all dispenser components installed, and Office POS/Console computer system (Computer, Monitor, Mouse, Keyboard and FOB encoder device) Requires dedicated conduit to dispenser with min 18 ga, two twisted/shielded wire pair.
	P4-ParaFLEET	ParaFLEET Fuel Management System - for small fleets requiring basic fuel transaction information. Fully integrated into the P4-Series dispensers, UL listed and NTEP Certified. Report data may be downloaded to a USB memory stick, or the ParaFLEET module can be connected to the local network and assigned a static IP address for remote report access. Remote access requires a dedicated dataconduit (NOT shared with electrical lines) with an ethernet cable run to the local network switch. AVAILABLE Q3 2017
	P4-Eco-Air-6912D	P4-ECO-AIR system, with line temperature monitoring and control for remote valve shutdown. Self-contained Compressor and control system for compliance with NFPA-58, Section 6.9.1.2(D). Remote closure of piping inside a building between 20 and 50psi, when temp drops to below the condensation point. Field adjustable pressure and temperature trigger point. Alarm options available. Requires separate pneumatic controlled valve sized to the application.
	P4-ECO-Air	Internal Valve Actuator System, PLC Driven Compressor, NEMA 4/12 Enclosure, with leak detection and warning lights, 2 gallon reservoir, Self maintaining. Alarm options available. Larger capacity systems custom built to order. Call with specification of needs for quotation.

Electrical Control Panels

ALL PANELS ARE UL508 COMPLIANT (FULLY LISTED PANELS AVAILABLE)

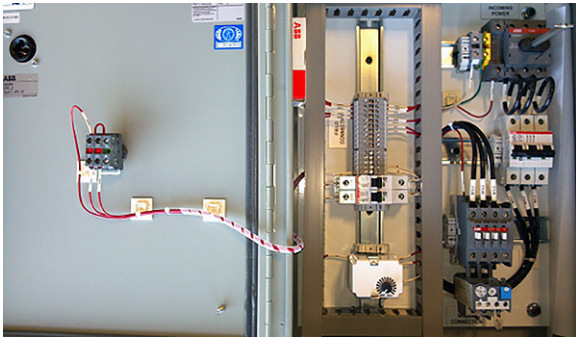
The P4-Series Electrical Control Panels are an economical and easy to install alternative to having local electricians assemble station controls on-site. They also eliminate many of the installation and start-up problems so common with new Autogas stations, in regards to wiring and code integration. Fully integrated and pre-assembled with internal wiring, these panels conveniently integrate the power and control of dispenser, pump motor with time delay, internal valve automation, and E-STOP, in full compliance with NEC / NFPA70. A GREAT product at a GREAT price! Just connect conduit, pull wires, and land connections on the provided DIN rail connections, and electrical installation is easy and error free! Custom built to your specific site needs and have Optional UL 508 Listing.

SECP Series - ECONOMY Control Panel:



- NEMA 4X Poly enclosure
- E-STOP Button, IP66 rated
- Pump motor control and protection UL508
- Time delay relay for pump start
- Dispenser Circuit Breaker UL489 / 1077
- 1 – 10 hp, 208 -460 vac
- Up to 80 amps, UL508 disconnect & starter
- Maximum of 1 pump, and 2 dispensers
- DIN rail connectors, pre-wired and tested

SFCP Series - Single Phase & 3 Phase Panels –Full Size:



- Pump motor control and protection
- Time delay relay for pump start
- Dispenser Circuit Breaker
- Card reader circuit breaker
- EPO push button
- Expansion room for accessories
- 5 - 7.5 hp, 208 / 230 / 460 vac, up to 120 amps
- For Autogas stations with High-DP pumps
- NEMA 4/12 or 4X enclosure

SVCP Series - VFD Panel For Single / Three Phase Sites:



- For sites requiring 3 - 25 hp
- 208 – 230 / 460 vac
- Three Phase control, or single to three Phase conversion
- 7.5 to 50 hp rated continuous duty VFD for phase conversion
- Thermostat controlled cooling fan enclosure with filters
- Pump motor control and protection
- Time delay relay for pump start
- Dispenser Circuit Breaker
- Card reader circuit breaker
- EPO push button with through panel disconnect
- NEMA 4/12 powder coated enclosure



P4 GUIDE 06/17

GAS EQUIPMENT COMPANY, Inc

SINCE 1937



Atlanta GA
(800) 241-4155
Kansas City MO
(800) 821-5062

Dallas TX
(800) 821-1829
Little Rock AR
(800) 643-8222

Fayetteville NC
(800) 447-1625
Orlando FL
(800) 821-0631

Houston TX
(800) 334-7816
Richmond VA
(800) 368-4013

Indianapolis IN
(800) 241-1971
St. Louis MO
(800) 423-4685

