
GENERAL INFORMATION AND NOTICES REGARDING USE OF THIS CATALOG:

WHOLESALE ONLY. This catalog is for information purposes only and does not (i) constitute an offer by GEC, or any other party, to sell or otherwise provide any product contained in this catalog or (ii) grant any party the right to purchase from GEC, or any other party, any product contained in this catalog. Orders for products shall be placed with GEC in accordance with GEC's then current purchasing terms, conditions, policies and procedures. Placement of an order by any party shall not be binding on GEC until such order is accepted, in writing or by other verifiable means, by GEC. Any order, when so accepted, shall constitute a contract between GEC and the party placing such order, consisting of the terms of the formal acceptance issued by GEC and no other terms unless specifically approved, in writing, by GEC. GEC has no obligation to accept any order and silence on the part of GEC shall not be construed as acceptance or agreement on the part of GEC. Except as otherwise agreed in writing by the party against whom any such obligation is sought to be enforced, neither GEC nor any other party shall be obligated to (i) provide, disclose or otherwise make available any particular information, (ii) enter into, or participate in, any project, transaction or other relationship or (iii) execute any contract or other document or take, continue or forgo any action whatsoever.

Prices (like other information contained in this catalog) are subject to change by GEC, at any time and without notice. Prices for products do not include sales or use taxes. GEC sells products wholesale to the retail trade and each purchaser shall remit, directly to the proper authorities, all applicable taxes. In States requiring a resale license number, each purchaser shall furnish to GEC such purchaser's certificate number or other proof of license to buy without obligation to pay taxes.

Unless otherwise specified in the terms of formal acceptance issued by GEC in connection with an order, all products are sold ex works (as defined in Incoterms 2010). GEC reserves the right, at its discretion, to make products available for shipping from GEC's premises or the premises of the manufacturer thereof or other third parties.

Acceptance of orders is subject to credit approval by GEC. Until credit is established to GEC's satisfaction, payment by either credit card or cash-in-advance may be required. Alternatively, GEC may, at its discretion, require payment to be made at the time products are made available and collected for shipping to purchaser.

Terms of payment for established accounts are Cash In-Advance or Net 30 Days.

- Cash-In-Advance: electronic payments, checks or credit cards are accepted at time of purchase.
- Net 30 Days: electronic payments or checks are acceptable forms of payment. Credit cards can only be used at time of purchase.

Products will not be made available for shipment, on open account, to a customer whose account is past due.

Claims for shortage or overcharge must be made within ten (10) days of products being made available and collected for shipping to purchaser, and GEC's responsibility therefore ceases after expiration of such ten (10) day period.

Written permission must be obtained from GEC in order for a purchaser to return goods for credit and such return may be subject to a return handling charge. All returned products must be accompanied by the invoice number indicating date purchased and price paid.

All products are sold by GEC solely for resale or for commercial purposes. GEC makes no warranties to those defined as "Consumers" under the Magnuson-Moss Warranty – Federal Trade Commission Improvements Act. EXCEPT AS SPECIFICALLY STATED IN THE TERMS OF FORMAL ACCEPTANCE ISSUED BY GEC, GEC MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, REGARDING ANY MATTER, INCLUDING, WITHOUT LIMITATION, THE MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OF ANY PRODUCTS. Products contained in this catalog may be warranted to the final Consumer by their manufacturer and copies of such warranties are supplied with the applicable product by the applicable manufacturer or are available from the applicable manufacturer. As a convenience, GEC may obtain copies of such consumer warranties from applicable manufacturers and furnish them, free of charge and in connection with the purchase of applicable products, to purchasers from GEC who request them in writing. Address requests to **GEC Customer Service Dept.;** **P.O. Box 29242; Dallas, TX 75229.** Requests must include the GEC order number and the manufacturer's model number of each product for which a copy of the applicable consumer warranty is requested.

This catalog provides product options for consideration by potential purchasers of products from GEC. It is the responsibility of each purchaser to have its personnel (possessing sufficient technical skill, knowledge, training and expertise) thoroughly review and analyze the information set forth in this catalog (and other information as deemed necessary by such purchaser) in order to determine the appropriateness of all aspects of such purchaser's application, installation, usage, inspection and maintenance of products. Each such purchaser is solely responsible for making the final selection of any products to be purchased from GEC, and to ensure that application, installation, usage, inspection and maintenance of all products purchased shall be in compliance with all applicable specifications, instructions, manuals, performance, safety and warning requirements and provisions of NFPA #54, NFPA #58, DOT, ANSI and all applicable federal, state, local and foreign standards, codes, regulations and laws. Each such purchaser should seek further information in the event there are any doubts or questions.

Though GEC makes reasonable efforts to present accurate information in this catalog, GEC cannot guarantee that this catalog (or any other specifications, instructions, manuals or other information made available in connection with the products contained in this catalog) is completely free from error, omission or misstatement. In addition, product illustrations and descriptions are solely for identification purposes and actual products purchased from GEC will not necessarily conform to such illustrations or descriptions. TO THE FULLEST EXTENT ALLOWED BY APPLICABLE LAW, GEC DISCLAIMS ANY REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, REGARDING ANY MATTER RELATED TO THIS CATALOG OR INFORMATION CONTAINED IN THIS CATALOG (OR OTHERWISE MADE AVAILABLE IN CONNECTION WITH PRODUCTS), INCLUDING, WITHOUT LIMITATION, REPRESENTATIONS OR WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. GEC shall not be responsible for any incorrect information and shall not be liable for any death, injury or damage, whether direct, indirect, incidental, or consequential, caused by the use of this catalog or such information. Information contained in this catalog (or otherwise made available in connection with products) is subject to change by GEC, at any time and without notice. Without limiting the foregoing, it is understood that GEC makes no representation or warranty, regarding truthfulness, accuracy or otherwise, with

respect to the content of any warranty, specifications, instructions, manuals or other information created, provided or otherwise made available by any manufacturer or other third party, and expressly disclaims any liability or responsibility for the content thereof. Each purchaser of products from GEC should consult with GEC regarding more detailed information and in order to determine any changes in information contained in this catalog (or otherwise made available in connection with products).

The graphic images, symbols and text contained in this catalog are either the proprietary property of GEC or are otherwise protected under applicable U.S. and international trademark and copyright laws. The trademarks and other proprietary content of this catalog may not be reproduced, displayed, distributed or transmitted in any form or by any means, electronically, mechanically, audio-visually or otherwise, without the express prior written consent of GEC.

IMPROPER SELECTION, APPLICATION, INSTALLATION, USAGE, INSPECTION OR MAINTENANCE OF THE PRODUCTS CONTAINED IN THIS CATALOG MAY RESULT IN DEATH, INJURY AND/OR DAMAGE. GEC'S SOLE RESPONSIBILITY WITH RESPECT TO ITS PRODUCTS IS SET FORTH IN THE TERMS OF FORMAL ACCEPTANCE ISSUED BY GEC IN CONNECTION WITH THE ORDER FOR SUCH PRODUCTS. Terms of formal acceptance currently issued by GEC in connection with orders for products contained in this catalog include the Acknowledgement Terms and Conditions, dated 9/01/2011 which are [set forth in this catalog] [are available at www.gasequipment.com]. As indicated above, such Acknowledgement Terms and Conditions are subject to change by GEC with respect to future orders.

No change or waiver with respect to the foregoing General Information and Notices shall be binding on GEC unless acknowledged in writing by an authorized officer of GEC.

This is a GENERAL PRODUCTS CATALOG. If you would like additional information regarding any product contained in this catalog, please contact GEC.

Contents

General Information and Notices	i
Product Index.....	iv
Manufacturer Index	viii

Regulators & Accessories	4-24
Cylinder & Service Valves	25-33
Multivalve Assemblies	34-40
Pressure Relief Valves & Relief Valve Manifolds.....	41-53
Globe & Angle Valves	54-63
Excess Flow, Check, Filler & Vapor Equalizing Valves.....	64-83
Internal Valves & Accessories	84-97
Adapters, Connectors, & Fittings	98-105
Rotogages.....	106-107
Emergency Shutdown Valves (ESV's).....	108-111
Rego Miscellaneous.....	112-117
Repair Kits & Assemblies - Rego	118-125
Bulk Plant.....	126-134
Pumps & Compressors	135-190
Motors, Starters, & Switches	191-196
Meters.....	197-218
Electronics.....	219-223
Dispensing	224-232
Hoses	233-243
Hose Reels	244-250
Gauges	251-265
Ball & Needle Valves	266-269
Copper Tubing & Fittings, Brass Fittings	270-272
PE Pipe & Fittings	273-276
CSST & Fittings	277-289
Black Pipe Fittings	290-295
Cathodic Protection	296
Testing Equipment	297-304
Tools	305-309
Orifices	310-316
Appliance Connectors	317-318
Cylinders	319-328
Heaters, Torches, & Cookers	329-343
Vaporizers	344-351
Industrial Regulators	352-353
Decals & Signs	354-360
Carburetion	361-390
Technical Information	391-399

A

ACME Wrench.....	306
Adapters	
ACME.....	102, 324
Cap/Plug.....	100-101
Carburetion.....	383
Chek-Lok.....	74-75
Container Evacuation.....	99
Cylinder.....	324-325
Disposable Cylinder.....	325
Filler Hose.....	98-100, 113-114
Fittings.....	98-105, 242, 387
Fork Lift Truck.....	99, 114
Gaskets - ACME.....	117
Hose End.....	98-100, 113-114
Orifice Fitting.....	310
Pipe Away.....	47-50
POL.....	22-23, 104-105, 272, 324
POL Swivel.....	104
Pressure Gauge.....	24, 109
QCC Type 1.....	113, 324
Swivel.....	104, 243
Unloading.....	69, 75, 99
With Vent Valve.....	100
Angle Valves.. See Globe & Angle Valves	
Anodes.....	296
Appliance Connectors.....	317-318

B

Back Check Valves	
Filler.....	76-79
Flanged Installation.....	82
General Information.....	81
Meter Inlet.....	205, 214
Pressure.....	81-82
Swing-Away.....	82
Warning Labels.....	83
Ball Valves.....	266-268, 296
Barrel Lock.....	268
Bleeder Valves.....	115-116
Bollard Protection.....	328
Brackets	
Chock Block.....	306
Control Switch.....	389
Converter Mounting.....	390
Dial Mounting.....	259
Hose Reel.....	247
Lift Truck Cylinder.....	324
Regulator.....	23
Switch.....	390
Termination.....	287
Water Heater Vent Support.....	342
Brass Flare Fittings.....	105, 270-272
Bulk Plant	
Pneumatic Controls Compressor	
System.....	134
Pneumatic Fittings.....	133
Super Quick Exhaust Valve.....	133
Bulk Plant Layout	
Bulkhead - Double.....	128-128
Bulkhead - Single.....	126-127
Pneumatics.....	132
Bulkhead	
Standard Construction.....	130
12" Coupling Construction	
(TX Approved).....	131

Bulkhead Piping -	
Standard Construction.....	130
TX Approved.....	131
Buna-N O-rings.....	103
Bypass Valves.....	139, 164

C

Cabinet	
Crash Post Protection.....	328
Cylinder (Cages).....	326-327
Dispensing.....	231
Cable Locator.....	304
Cap	
ACME.....	101
Brass Flare.....	272
Cap Plug.....	101
Flange.....	101
Low Pressure Black Iron.....	293
POL.....	101
Relief Valve.....	47-50
Valve Lock.....	308
Vent Pipe Weather.....	308
Carbon Monoxide Analyzer.....	299
Carburetion	
Adapters.....	383
Air Filter Assemblies.....	384
Carburetors.....	361-382
Converters & Repair Kits.....	386
Electrical.....	389
Filters.....	382, 384-385
Fittings.....	387-388
Fresh Air Cannisters & Accessories .	
.....	390
Fuel Filters.....	385
Fuelock & Accessories.....	382, 384-385
Hoses & Fittings.....	387, 388
Start Assist Valve.....	384
Vacuum Fuelock.....	382
Vacuum Switch.....	384
Cathodic Protection	
Anode.....	296
Fittings.....	296
Tank Test Kit.....	297
Chek-Lok Valves	
Chek-Lok Adapters.....	75
Chek-Lok General Informantion ...	74
Excess Flow Valve.....	73
Warning Labels.....	83
Chock Blocks.....	306
Cleaning Wipes.....	306
Compressor	
Blackmer.....	187
Corken.....	188
Krug.....	189-190
Propane Vapor Recovery Chart .	188
Compressor Installation - Krug.....	189
Compressor Piping Kit - Krug.....	189
Connector	
ACME98-99, 100, 102-103, 114, 324	
ACME - Left Hand Thread.....	99
ACME - Low Emission.....	103
ACME w/Check.....	99, 103
Disposable Cylinder.....	325
DOT Cylinder Filling Adaptor.....	113
Gaskets (ACME).....	117
Hose End.....	98-99

Converter	
Repair Parts.....	361-364, 388
Two-Stage.....	361-364, 388
Cookers - Outdoor Hot Plates.....	335
Cooktops, Portable.....	335
Copper Tubing.....	270
Copper Tubing, Hang Clips.....	270
Couplings	
Black Iron (Low Pressure) Full ...	290
Black Iron XH (High Pressure) Full ..	
.....	291-293
Extended Hose End.....	98
Poly Pipe, Permasert.....	274
Reducer.....	101
Shaft - L-Type.....	196
Shaft, Motor/Pump.....	196
Short Hose End.....	98
Crash Post Protection.....	328
CSST - Corrugated Stainless Steel Tubing	
Connection Instructions.....	281-284
Cutters.....	289, 307
Fittings.....	286-288
Manifold.....	289
Modular Stub System.....	288
Mounting Hardware.....	288
Regulators.....	285
Striker Plates.....	289
System Identification.....	285
Technical Information.....	277-280
Tubing.....	285
Cutting Tools.....	307
Cylinder	
Accessories.....	322-324
Aluminum.....	319-320
Anchors.....	323
ASME.....	319
Brackets.....	324
Buffer.....	320
Cabinets/Cages.....	326-327
Caps.....	322
Carts.....	322
Collars.....	322
Connectors.....	325
Crash Protection - Bollards.....	328
Decals.....	354-360
Fork Lift Truck.....	319
Horizontal.....	319
Manifold.....	23
Portable DOT.....	320
Scales.....	321
Stamping - E-Z Stamp.....	322
Steel.....	319-320
Valve Wrench.....	322
Cylinder Cabinets.....	326-327
Cylinder Cabinets Crash Protection ..	328
Cylinder Filling System	
Hydraulic, Automatic.....	111
Cylinder Valves	
Dual.....	31
General Information.....	25-28
Heavy-Duty.....	29
Liquid and/or Vapor Withdrawal ...	31
Liquid Withdrawal.....	30-31, 37
Propylene Service.....	32
RV/Small ASME.....	29
Tamper-Resistant.....	29

Vapor Withdrawal	29-31	Excess Flow Valve		General Information.....	93-97
Warning Labels	33	Autogas Service	70	Pneumatic Actuator	92
D		Chek-Lok	73	Flow Indicator	112, 265
Decals.....	354-360	Chek-Lok Adapters.....	75	G	
Dielectric Unions		Container Service.....	68-71	Gas Detection Devices	
Ball Valves.....	267	Container Service.....	71-72	Carbon Monoxide	299
Brass.....	272	DOT Cylinders.....	73	Combustible Gas.....	299-300
Cathodic Protection	296	Flange Mounting.....	72	Leak Testing System - Presto-Tap....	
Heavy-Duty Black Iron.....	293	General Information.....	64-68	.....	301
Low Pressure Black Iron	290	Liquid or Vapor Service	69-72	Probe Bar	298
Pigtails - Copper.....	22, 296	Pressure Gauges	73	Underground	298-299
Second Stage Regulator	15	Warning Labels	83	Gaskets	
Disconnects - 3 Phase.....	192	Explosion Proof Switch Box & Switch.....		ACME	117
Dispensing Ordering		.....	192	Gauge.....	263
Step 1	224-226	EZ-Stamp	322	Gauges	
Step 2	227-228	F		Accessories	259-263
Step 3	229	Filler Valves		Adjustable.....	252
Step 4	230	ASME & DOT	76	Anhydrous Ammonia	255
Dispensing		Combination - Filler/OPD	77-78	ASME	252-253
Autogas Filling Cabinet Package		Delivery Truck.....	79	Bobtail	256
Options.....	226	Double-Check.....	76, 78-79	Bulk Storage.....	257
Cabinets.....	231	General Information.....	76	Dials - Replacement.....	260-263
Cylinder Filling Cabinet Package		Low Emission	77-78	Differential	303
Option.....	224-225	Manual Shutoff	77	DOT	253
Cylinder Filling System (Hydraulic) ..		Single Check	79	Drill & Tap Kit.....	310
.....	111	Storage Containers	79	Farm Tank	256
Delivery Hose Accessories.....	227	Warning Labels	83	Flanges.....	259
Delivery Hose Package Options	227	Filter		Gaskets.....	263
Dispensing System with Skid	231	Carburetion.....	382, 384-385	High Pressure Adaptor	24
Electrical Conduit Kit	230	Flowmatic	93-94	How to Order	251
Electronic Dispensers - Parafour.....	232	Gritrol Fuel Line.....	115	Lift Truck.....	254
Electronic Dispensers Options	232	Vacuum Fuelock.....	382	Light Module.....	259
Hose Assemblies.....	227	Fire Barrier Paint	233, 309	Magnehelic Test Kit	303
Motor Fuel	232	Fittings.....	Adapters	Magnetel®	257-260
Motor Fuel Cabinet Package Options		See Adapters		Motor Fuel	256
.....	226	Brass	270-272	N-Serve	255
Motor Fuel Nozzle	228	Bulkhead	387	NH3	255
Options & Accessories	230	Carburetion.....	387-388	OPD Valve Assembly	264
Piping Kit	229	CSST.....	286-288	Pressure.....	264, 301-303
Plumbing Kit	229	Disposable Cylinder	325	RegO Liquid Level.....	116
Pneumatic Kit	229	Flare, Brass.....	105, 270-272	RegO Pressure.....	116
Purging Kit.....	230	Forged Steel (Extra Heavy).....	291-293	RoboGauge.....	256
Remote Shutoff Options	229	Hose Barb	243	Rotogauge Replacement.....	256
Skid Package Options	231	Hose End.....	243	Rotogauges	106
Tank legs	230	Inlet.....	22	Screws.....	263
Tank to Pump Piping Kit Options	229	Low Pressure Hose	243	Test Assemblies	304
Vertical.....	233	Malleable Iron (Low Pressure).....	290	Transmitter	259
Drill Set - Gauging Orifice.....	310	Pipe	290-293	Transport	256
E		Pneumatic	133	Gauging Drill Set	310
Electronic Metering		POL	22-23, 73, 104-105	Globe & Angle Valves	
Data Management System (DMS)	221	Purging.....	230	"V"-Ring Seal.....	57-58
Dispenser Meter/Register.....	217	Range Connector	317-318	ACME	55
Metering Systems.....	219-220	Reducing	101, 286, 271-275,	Automatic Back Check	58
Emergency Shut-off Valves (ESV)....	Bulk	.....	290-294	Bobtail	55
Plant	110-111	Schedule 80 Pipe	291-293	Charging Hoses.....	56
Electric Actuator	110	Tank Evacuation	324	Combination	115
General Information.....	108-109	Flanges & Gaskets	294	Crop Driers.....	56
Pneumatic Actuator	110	Flare Kit, Manual Propane.....	309	Dispensing Hoses	56
Pneumatic Actuator Kit.....	111	Flare Tools	307	Dispensing Stations.....	55
Pneumatic Controls	110-111, 132	Flashlight	306	Filler Valve.....	62
Swing-Check	110	Flex Connectors	295	Flange Seal	59-60
		Flomatic Internal Valve & Accessories		Flanged	61
		3-Way Quick Acting Valve	92	General Information.....	54, 57, 59
		Filter	92	High Capacity - NH3.....	58
		Flomatic.....	92	Low Emission	55

Multipurpose.....61-62
 Quick-Acting.....55-56
 Quick-Acting - Hose-End.....55
 Quick-Acting - Minimum Loss.....55
 Tank Car.....60
 Transports.....55
 Vent Valves.....115
 Warning Labels.....63
 Gloves.....305

H

Hand Pump - Krug.....190
 Hand Pump Piping Kit - Krug.....190
 Heaters
 Agriculture.....335
 Blue Flame.....331, 333
 Construction.....335, 336
 Convection.....335
 Fireboxes.....329
 Fireplaces.....329
 Garage.....336
 Hearth.....329
 Infrared.....334, 337
 Log Heaters.....329
 Portable.....334, 336
 Radiant.....330, 332
 Radiant Tube.....338
 Shop.....336, 337
 Vented.....329

Hose

Assemblies - Liquid Transfer.....236
 Assemblies - Vapor.....240-241
 Carburetion.....255, 398
 End Swivel Joints.....244
 Fittings.....240-241, 243
 Low Pressure.....243
 Permeation.....235
 Protection.....238
 Pull-Away Coupling.....239
 Safety & Technical Information.....
 234-235
 SmartHose.....237
 Stainless Steel Wire Braid & Fittings
 238-239, 388, 390
 Hose Clamps.....244
 Hose Reel.....245-246
 Hose Reel Parts.....247-251
 Hotplates - Cast Iron.....335
 Hydraulic Automatic Cylinder
 Filling System.....111

I

Industrial Regulators.....352-353
 Insulated Unions.....290
 Internal Valve

 Bobtail.....88
 Flanged.....89-90
 Flomatic.....92
 Flomatic General Information..93-97
 General Information.....84-87
 Pneumatic Actuator.....87-92
 Remote Cable Controls.....91
 Remote Thermal Release.....90
 Small Capacity Pumping System.88
 Straight Through.....89
 Thermal Latch.....87-92
 Threaded.....88, 91-92

Internal Valve Accessories
 3-Way Quick Acting Valve.....92
 Flomatic Filter.....92
 Pneumatic Actuator.....88-92
 Remote Cable Controls.....91
 Remote Thermal Release.....90
 Rotary Actuator.....91-92
 Thermal Latch.....88-92

L

Leak Detection Devices.....299-302
 Leak Detector Solutions.....298
 Line Locator.....304
 Line Sizing Chart
 Liquid Propane.....351
 Vapor.....11-12
 Lock Caps.....308
 LP Gas, General Information.....391-399

M

Magnetic Starters.....191
 Manifolds
 Regulator Cylinder.....23
 Regulator Tee Check.....23
 Manometer, Electronic.....303
 Manometer, Water.....23, 303
 Manual Flare.....309
 Manual Starters.....192
 Metallic Locator Tape.....274
 Meters
 Change Gears.....217
 Electronic.....197-199
 Electronic - Repair.....200-202
 LC Meter Selection.....197
 Liquid Flow.....198-199
 Locks.....268
 Registers.....203
 Repair - Liquid Controls.....200-202
 Repair - Neptune.....204-216
 Troubleshooting - Neptune.....216
 Vapor.....218
 Vapor Accessories.....218

Methanol.....306
 Methanol Injector.....306
 Motor Fuel Filling Nozzle.....228
 Motor Shaft Coupling.....196
 Motor Starter/Switches.....191-192
 Motors, Explosion Proof.....164, 194
 Multi-Port Relief Valve.....51-52
 Multipurpose Valves.....61-62
 Multivalve Assemblies
 ASME - Vapor Withdrawal.....36-39
 DOT - Liquid Withdrawal.....37
 DOT - Vapor Withdrawal.....37-38
 General Information.....34-35
 General Information - DOT & ASME
 40
 Warning Labels.....39
 Multivalve Wrench.....306

N

Needle Valves.....117, 269

O

O-rings.....103
 Orifice
 Cap.....314
 Fixed.....393
 Pilot.....314-316

Plug.....312-314
 Orifice Fittings
 Adapter Kit.....311
 Adapters.....310
 Thermocoupler.....311
 Orifice Tools
 Broaches.....310
 Drill Kit.....310
 Reamers.....310

P

Paint - Passive Fire Barrier.....233, 309
 Paint.....Call for Details
 Parafour
 Dispenser & Accessories.....232
 Eco-Air.....134
 Phase Converters.....193-194
 Pigtails
 Copper.....22
 Copper Pigtails - Bent.....103
 Copper Pigtails - Straight.....103
 Dielectric.....22
 Flexible.....241
 Presto-Tap.....302
 Thermoplastic.....241
 Pipe Fitting Resistance Chart.....393
 Pipe Fittings
 Forged Steel Heavy Duty....291-294
 Low Pressure Black Pipe.....290
 Pipe Sealants.....297
 Pipe Selection Guide.....10-12
 Placards.....359, 360
 Plastic Polyethylene Piping
 Anodeless Flex Risers.....275
 Anodeless Service Line Risers...275
 Connection Instructions.....273
 Couplings.....274-276
 Fittings.....274-275
 Locator Tape.....274
 Pipe.....274
 Shut Off Valves.....276
 Sizing.....10-12
 Tools & Accessories.....276
 Tracer Wire.....274
 Transition Fittings.....276
 Plugs
 ACME.....101
 Orifice.....314
 Pipe Fitting.....293
 POL.....100
 Plumbing Kits.....229
 Pneumatic Operating Pressures.....91
 Pneumatic Tubing.....133
 Post Guard.....328
 Pressure Gauges.....23, 264, 301-304
 Pressure Testing Equipment
 Gauge Assemblies.....304
 Magnehelic Differential.....303
 Manometer.....303
 Presto-Tap.....301-302
 Propane Flare.....310
 Pump Motors - Explosion Proof.....194
 Pump Motors - Replacement - Corken....
 195
 Pumps
 Installation Guide.....183
 Pump Repair Troubleshooting.....

..... 184-185

Shaft Coupling..... 196

Side Channel..... 186

Pumps - Blackmer

Autogas Pumps..... 135, 136

Bobtail Pumps..... 137

Bulk Plant Pumps..... 137

Bypass Valves..... 137

Cold Climate Pumps..... 138

Cylinder Filling Pumps..... 135

Flanged Mounted Pumps..... 139

High Capacity..... 137

Liquid Transfer Assembly..... 138

Motor Fuel Filling Pumps..... 136

Multi Purpose Pumps..... 137

Multi-Cylinder Filling Pumps..... 136

Pump Repair..... 140-163

Terminal Pumps..... 137

Transport Pumps..... 137

Truck Pumps..... 137

V-Belt Style..... 137

Pumps - Corken

Autogas Pumps..... 165

Bypass Valves..... 164

Coro-Vane..... 166-167

Coro-Vane Selection Guide..... 167

Cylinder Filling Pumps..... 164

Motor Fuel Dispensing Pumps... 164

Pump Repair..... 168-182

Stationary Bottle Pumps..... 166

Stationary Pumps..... 166

Truck Pumps..... 166

VFD..... 195

Q

Quick Connectors..... 325

R

Reamer..... 310

Registers

Change Gears..... 217

Data Management System..... 221

Electronic..... 219

LCR II Parts..... 220

Red Seal / Neptune..... 217

Veeder-Root..... 217

Regulator

2 PSIG..... 17, 19

Age Chart..... 1

Automatic Changeover... 18, 20, 324

Back-Mount..... 16

Compact..... 14, 16, 18, 20

Dielectric..... 15

First Stage..... 14, 324

General Information..... 4-13

High Pressure..... 14, 20-21

High Temperature..... 21

Industrial..... 352-353

Industrial/Commercial..... 20-21

Low Pressure..... 14-17

Maxitrol..... 285

Outfits..... 19-20

Pounds-to-Pounds..... 20-21

Second Stage..... 14-17, 324

Selection..... 4

Single Stage..... 14, 324

Tobacco Barn..... 17

Twin Stage..... 18-19

Two Stage..... 19

Warranty..... 2

Regulator Accessories

Brackets..... 23

Copper Pigtails..... 22

Dielectric Pigtails..... 22

High Pressure Gauge Adapter..... 24

Inlet Fittings..... 22

Low Pressure Test Kit..... 23

Multiple Cylinder Manifolds..... 23

Relief Valves..... 22

Tee Check Manifolds..... 23

Vent Kits..... 23

Warning Labels..... 24

Water Manometer Kit..... 23

Relief Valve

External - ASME & Bulk Plant..... 49

External - ASME & DOT..... 50

External - Hydrostatic..... 50

General Information..... 41-46

Internal - Bobtails & Transports.... 47

Internal - DOT Forklift..... 48

Internal - Motor Fuel..... 48

Multiport..... 51-52

Rain Cap..... 47

Semi-Internal - ASME..... 47

Semi-Internal - Storage..... 49

Stacks (Stand Pipe)..... 127

Vapor..... 22

Vents..... 390

Warning Labels..... 53

Weather Caps..... 308

Relief Valve Manifold

Bolt & Studs..... 52

Delta Port..... 51

DuoPort..... 51

General Information..... 41-46

Multiport..... 52

Warning Labels..... 53

Remote Fill Kit..... 390

Remote Shutdown

Facility..... 222-223

Vehicle..... 223

Repair Kits

Blackmer Pumps..... 140-163

Bonnet Assemblies..... 119

Charging Manifolds..... 120

Check Connectors..... 120

Chek-Lok..... 123

Converters..... 361-364, 379, 382

Corken Pumps..... 168-182

Cylinder Valves..... 120

Duoport Relief Valve Manifolds.. 121

Filler Valves..... 120, 123, 125

Filling Connectors..... 120

Flomatic Valves..... 121

Hose Reel..... 247-250

Liquid Controls Meter..... 200-202

Manual Internal Valves..... 122

Manual Internal Valves Spring Kits... .. 122

Multi Purpose Valves..... 121

Multiport Relief Valve Manifolds.. 121

Multivalve Obsolete - Repair Parts... .. 125

Multivalves..... 123

Multivalves - Bonnet Assemblies..... .. 121,124

Multivalves - Filler Valves... 121, 124

Multivalves - Vapor Equalizing..... .. 121, 124

Neptune Meter..... 204-215

Pull-Away Couplings..... 120

Quick Acting Hose End Valves... 120

Quick Acting Valves..... 120

Relief Valves..... 123

Service Valve..... 118, 120

Shut Off Valves..... 122

Spare Gasket Ordering Information . .. 125

Transfer Valves..... 121

Vacuum Fuelock..... 382, 386

Vapor Return Valves..... 121, 124

Rotogauges..... 106

S

Saf-T-Loc - POL Service Valves..... 308

Safety Head Gear..... 305

Scale, Beam..... 230, 231, 321

Service Valves

ASME..... 30-31

DOT..... 30-32

Forklift..... 32

General Information..... 25-28

Motor Fuel..... 31

Saf-T-Lock..... 308

Vapor Fuel Line..... 30

Warning Labels..... 33

Sight Flow Indicator..... 112

Signs..... 133, 354-360

SmartHose..... 236

Snubber..... 264

Stamping..... 322

Stanchion..... 126-131

Stand Pipes (Stacks)

Weather Caps..... 308

Stand Pipes (Stacks)..... 127

Starters

Explosion Proof..... 191-192

Magnetic..... 191

Manual..... 192

Phase Converters..... 193-194

VFD (Corken)..... 195

Strainers

"Y"..... 292

Meter..... 201, 204, 209

Switch

3-Way..... 389

Bracket..... 389

Explosion Proof Motor..... 191-192

Manual Motor Starter..... 192

Primer..... 389

Rocker..... 389

Swivel Joints..... 243

T

Tank Evacuation System..... 190

Tank Saddle..... 306

Tank Stands..... 230

Tank Test Kit..... 297

Technical Information..... 391-399

Teflon Tape..... 297

Testing, Regulator Low Pressure	23
Thermocouples	311
Thermometers	265
Thermoplastic Pigtail	241
Thread Sealants	297
Torches	339
Tracer Wire	274
Trencher	304
Troubleshooting	
Carburetion.....	403-406
Neptune Meters.....	217
Pumping System	99-100, 148-150
Tube Cutters	276, 289, 307
Tubing Selection Guide	10-12

U

Unions	
Black Iron (Low Pressure).....	290
Black Iron XH (High Pressure)...	293
Brass	270-272
Dielectric (Insulated) .....	.....See Dielectric Union
Flare	271

V

Valve Locks	309
Valve Wrench	306
Valves	
Angle	58-60
Back Check	81-83
Ball	266-268
Bleeder	115-116
Break-Away	107, 238
Bypass - Blackmer	138
Bypass - Corken.....	164
Caps.....	101, 308
Chek-Lok.....	73-75, 83
Combination	114
Cylinder	25-33
Differential - Neptune	204, 214
Emergency Shut-off (ESV) ..	108-111
Excess Flow	64-74, 83

Filler.....	76-79, 83
Fixed Liquid Level Gauge....	115-116
Flanged	59-60
Fromatic Internal Valve & Accessories	92-97
Gaskets (ACME)	117
Globe & Angle	54-63
Internal	84-97
Internal Valves Accessories.....	90-92
Locks	308
Minimum Loss Hose End	55
Multi-Port Manifold	52
Multi-Port Relief	52
Multipurpose	61-62
Multivalves.....	34-40
Needle.....	117, 269
Overfill Protection Device (OPD).....	77-78, 264, 324
Pneumatic	13-133
Pneumatic Actuator ..	88-92, 110-111
Polyethylene Shut Off.....	276
Pull-Away	107, 238
Quick Acting	54-56, 92
Relief.....	41-53
Relief Valve Manifolds ..	41-46, 51-53
Resistance Chart.....	393
Service	25-28, 30-33
Sight Flow Indicator	112
Swing-Check with Flow Indicator	112
Tamper Resistant Cylinder	29
Vapor Equalizing	80-83
Vent	115
Wrenches	306
Vapor Equalizing Valves	
ASME & DOT	80-81
Double-Check.....	80
General Information.....	80
Single Check	81
Warning Labels	83
Vapor Meter	218
Vapor Pressures of LP Gas (Chart) ..	392

Vaporation Rate (Chart)	395
Vaporization Capacity (Chart)	394
Vaporizers	
Direct-Fired.....	344, 345, 346, 347
Electric - Single Core.....	349
Electric - Small	348
Natural Gas Replacement System ...	..... 349
Tank Heater	350
Technical Information	351
Typical Installation.....	344
Waterbath	346, 347, 348
Vent Pipe (Water Heater)	342-343
Vent Stacks	127
VFD	195

W

Washers, ACME	117
Water Heaters - Tankless	
Accessories	342
Residential & Commercial	341
Venting	342-343
Weather Caps	308
Wrenches	
ACME	306
Bot-L.....	322
Multivalve	306
Valve.....	306

Manufacturer Index

ALGAS-SDI (vaporizers)	347-350
American Meter (regulators).....	353
Ansell Edmont (gloves).....	305
Baldor Electric (motors).....	194
Base Engineering	222-223
Belgas.....	352-353
Blackmer.....	135-163, 187
Century Carburetion	365-366
Contego International	233, 309
Corken.....	164-182, 188, 195
Dormont (SS flexible connectors) 317-318	
Douglass Screen Printers (decals)	354-360
Dragon Shield.....	344
E-Z Trench.....	304
Empire (hearth products).....	330-331
Enerco (heating products) 334, 336, 338	
Fairbanks Scales.....	230-231, 321
Flame Engineering	309, 340
FlashShield (CSST).....	277-289
Gastite (CSST)	277-289
Hannay Reels.....	244-249

Hearthrite (hearth products)	332-333
Heatstar (heating products).....	337-338
Impco Carburetion	362-382, 384
Jomar (cutoff & ball valves)	266-269
Krug (compressors).....	189-190
LB White (heaters).....	335
Liquid Controls (meters)	319-320
Lock America	308
Manchester Tank	319-320
Marshall Gas Controls	242
Maxitrol	324
MESA (anodes)	296
Metris.....	218
Minute Man Anchors	323
Mr Heater.....	355
Neptune (Red Seal Measurement) (meters).....	203-217
Parafour	134, 232, 321
Parker Hannifin (hose) .235, 237, 239-240	
Perfection, Honeywell (PE fittings)	273-276
Presto-Tap	301-302

Ransome (vaporizers)	345-347
Red Dragon	339
Red Seal Measurement (Neptune) (meters).....	203-217
REGO	1-125
Rinnai America (tankless water heaters)	340-343
Rochester Gauges.....	251-265
SBI Industrial (cylinder cages) ..	326-328
Sensit Technologies (combustible gas detectors)	298-300
SERO Pump Systems (side channel pumps)	186
Smart-Hose Technologies	238
Veeder-Root	217
Worthington Cylinders	319-320