



Pryco's "front" offices in Mechanicsburg, Illinois

Since 1980, **PRYCO, INC.** has been a leading supplier of Standby Power fuel systems throughout the world.

Over the years we have pioneered and upgraded the fuel systems by listening to our customer needs. We enjoy the secure feeling of defining and implementing the cutting edge of engineered tank design that is imitated by the rest. We have earned the reputation of being versatile enough to work with our customers to fulfill the requirements of their complex, non-standard projects.

Pryco's facilities are equipped with modern equipment capable of high production and quality control

Our policy and manufacturing methods demand quality and accuracy. This most

certainly has contributed to Pryco's strong position as the leader of the manufacture of diesel fuel systems in the World.

Our company policy is to continue to expand and develop new products. We are very proud of the personnel of our Research and Development Department. They are continually concentrating on improved methods of manufacture and the development of additional components used in standby fuel systems.

A network of sales firm represent Pryco across the United States. We also have international exporting representation. For professional assistance, we encourage you to call the sales rep firm in your area. They are listed on pages four and five of this section.

**The Content Of This Catalog Is Subject To Change Without Notice.  
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### ***SALES PRICES and TERMS***

All quotations are made in accordance with Pryco's interpretation of the specifications.

Quotations are void unless accepted within 60 days from the date thereof, unless otherwise provided.

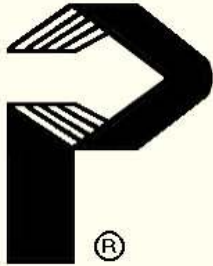
### ***DELIVERY***

All sales are made F.O.B. point of shipment, Mechanicsburg, Illinois. Title shall pass upon delivery to the carrier at point of shipment, and thereafter, all risk of loss or damage shall be upon the buyer.

### ***PAYMENT TERMS***

Terms are Net 30 days from date of invoice for purchasers with established credit. If credit is not established, please include payment with order or authorize COD terms.

Invoices not paid within terms are subject to a finance charge.



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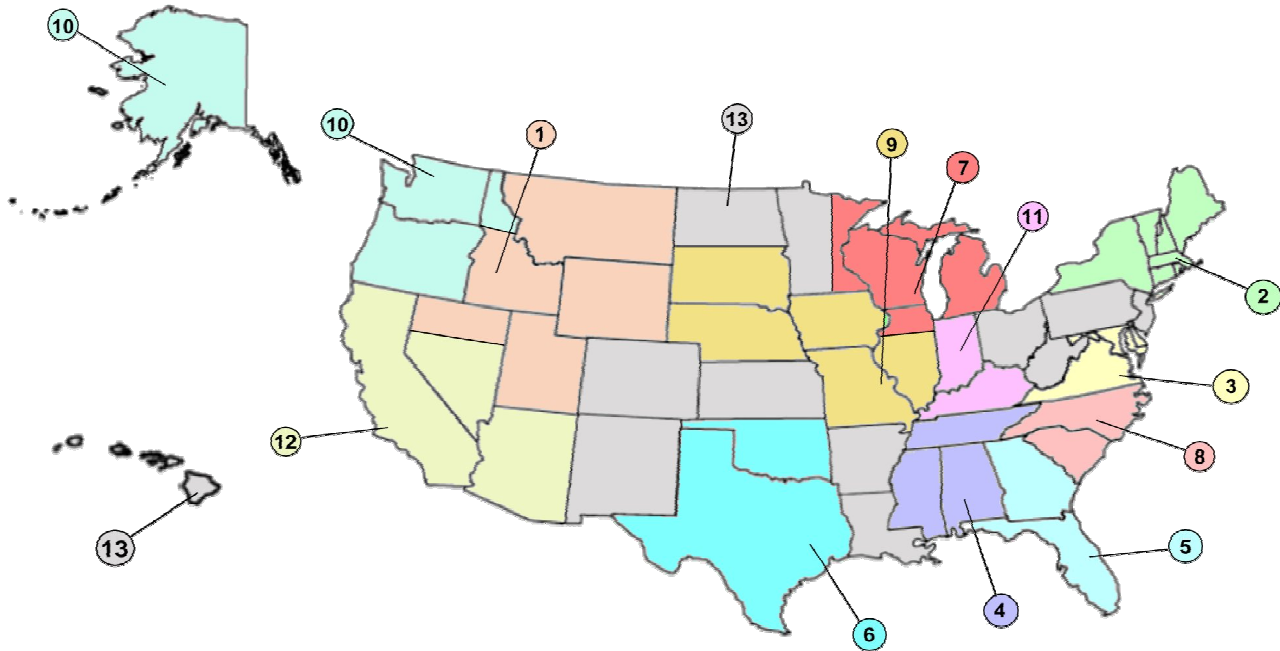


Over two acres under one roof is the home of Pryco — industry pioneers of safety, standards, and codes for fuel systems for emergency and standby power generation systems.

*Pryco, Inc. reserves the right to modify this catalog or any portion thereof without prior notice.*

# SALES REPRESENTATIVES

# PRYCO, INC.



MAP REF	SALES REP FIRM	PHONES & ONLINE	TERRITORIES
1	<b>Advanced Fuel Systems</b> <b>Kelly York</b> 510 East 17th Street, #310 Idaho Falls, ID 83404	Phone—208 / 360-2944 Fax—208 / 542-6262  Email— <a href="mailto:kelly@advfuelsys.com">kelly@advfuelsys.com</a> Website— <a href="http://www.advfuelsys.com">www.advfuelsys.com</a>	Southern Idaho, Montana, Wyoming, Utah, and Northern Nevada
2	<b>All New England Sales</b> <b>Jon Dunn &amp; Peter Dunn</b> 410 Great Road, 3rd Floor P. O. Box 1443 Littleton, MA 01460-4443	Phone—800 / 466-8151 Cell—617 / 513-3274 Fax—978 / 486-9318 Email— <a href="mailto:jdunn@allnesales.com">jdunn@allnesales.com</a> Website— <a href="http://www.allnesales.com">www.allnesales.com</a>	Maine, Vermont, New Hampshire, Rhode Island, Connecticut, Massachusetts, and New York
3	<b>Bruster and Associates</b> <b>Dave Bruster</b> 2300 Corner Rock Road Midlothian, VA 23113-2284	Phone—804 / 794-4136 Fax—804 / 794 3879 Email— <a href="mailto:sales@brusterassociates.com">sales@brusterassociates.com</a> Website— <a href="http://www.brusterassociates.com">www.brusterassociates.com</a>	Maryland, Virginia, and District of Columbia
4	<b>Control Equipment &amp; Sales</b> <b>Bob Melton</b> 212 Red Bay Dr. Maylene, AL 35114	Phone—205 / 621-6850 Fax—205 / 621-6852  Email— <a href="mailto:cntrleqp12@aol.com">cntrleqp12@aol.com</a>	Alabama, Mississippi, and Tennessee
5	<b>Davidson Sales, Inc.</b> 839 Bill France Boulevard Daytona Beach, FL 32117	Phone—386 / 274-2079 & 2179 Cell—386 / 871-2791 Fax—386 / 274-2279 Email— <a href="mailto:dsc@davidsonsales.com">dsc@davidsonsales.com</a>	Georgia, Florida, and Puerto Rico

# SALES REPRESENTATIVES

# PRYCO, INC.

MAP REF	SALES REP FIRM	PHONES & ONLINE	TERRITORIES
6	<b>EPAC, Sales &amp; Service Co.</b> <b>Ken Jones</b> 116-A W. Harwood Road, #A Hurst, TX 76054	Phone—817 / 485-9383 Fax—800 / 875-3720 E-Mail— <a href="mailto:Info@epacsales.com">Info@epacsales.com</a> Web — <a href="http://www.epacsales.com">www.epacsales.com</a>	Texas, and Oklahoma
7	<b>H. Ertel, Inc</b> <b>Harry Ertel</b> 2700 Erie Street, Box 4640 Racine, WI 53402	Phone—262 / 639-8763 Cell—262 / 909-4052 Fax—262 / 639-2820 E-Mail— <a href="mailto:h.ertel@att.net">h.ertel@att.net</a>	Wisconsin, Minnesota (Eastern Area), Iowa, Northern Illinois (North of I-80), and Michigan
8	<b>Lawing and Associates</b> <b>Alex Lawing</b> 608 The Cape Blvd Wilmington, NC 28412	Phone—910 / 392-5274 Cell—704 / 517-5288 Fax—336 / 232-1442  Email— <a href="mailto:ALawing@bellsouth.net">ALawing@bellsouth.net</a>	North Carolina, and South Carolina
9	<b>Power Source Midwest</b> <b>Mike DeMauro</b> 18 Hawk Ridge Blvd., Suite 120 Lake St. Louis, MO 63367	Phone—636 / 625-4771 & 4772 Cell—314 / 422-2578 Fax—636 / 625-4773 Email— <a href="mailto:sales@powersourcemidwest.com">sales@powersourcemidwest.com</a>	Missouri, Kansas, Nebraska, South Dakota, and Illinois (South Of I-80)
10	<b>S. F. Griggs &amp; Associates</b> <b>Steve Griggs</b> 15301 N.E. 90th Street Redmond, WA 98052	Phone—425 / 869-5867 Fax—425 / 869-9797  Email— <a href="mailto:sales@sfgriiggs.com">sales@sfgriiggs.com</a>	Washington, Oregon, Alaska, and “Panhandle” of Idaho
11	<b>Sobek Enterprises, Inc.</b> <b>Bob Sobek</b> 225 So. Emerson Ave, Suite 181 Greenwood, IN 46143	Phone—317 / 881-1580 Fax—317 / 881-2069  Email— <a href="mailto:bsobek@sobekenterprises.com">bsobek@sobekenterprises.com</a>	Indiana, and Kentucky
12	<b>R. F. Partridge &amp; Assoc.</b> <b>Dick Partridge</b> 13875 Cerritos Corp. Drive, #B Cerritos, CA 90703	Phone—562 / 802-7345 Fax—562 / 802-3186  Email: <a href="mailto:dick@rfpartridge.com">dick@rfpartridge.com</a>	California, Nevada, and Arizona
	<b>R. N. K. International, Inc.</b> <b>Rohit Israni &amp; Amin Shidi</b> 23276 South Pointe Dr., Suite 111 Laguna Hills, CA 92653	Phone—949 / 829-8690 Fax—949 / 829-8693	International
13	<b>Pryco, Inc.</b> 301 Garvey Street P. O. Box 108 Mechanicsburg, IL 62545	Phone—217 / 364-4467 Fax—217 / 364-4494 Email— <a href="mailto:pryco@pryco.com">pryco@pryco.com</a> Web— <a href="http://www.Pryco.com">www.Pryco.com</a>	All states shown in gray (not listed above for other Sales Reps), all U.S. Terri- tories, and foreign coun- tries.

## *Terms & Conditions*

### **PRYCO, INC**

**P.O.Box 108  
Mechanicsburg, IL 62545**

**THE FOLLOWING CONDITIONS SHALL GOVERN PURCHASE ORDERS BASED ON PRYCO INC, QUOTATIONS:**  
Quotations are not binding upon Pryco Inc. ("Seller") until accepted by an authorized employee of the Seller

1. **ACCEPTANCE** – The receipt of a purchase order from the party identified on a Pryco Inc. quotation as the buyer (the "Buyer") for the goods described on said quotation (the "Goods") shall be conclusively deemed an unconditional acceptance by the Buyer of this offer and all terms and conditions hereof notwithstanding and provisions of any purchase order or other document provided or offered by the Buyer to the contrary. Seller reserves the right to accept or reject all purchase orders received pursuant to this quotation.
2. **AGENT'S AUTHORITY** - Buyer agrees that no agent, employee or representative of Seller has authority to bind Seller to any affirmation, representation, or warranty concerning the Goods other than those warranties expressly set forth herein.
3. **PRICES** – Prices quoted are only for quantities of Goods specified on the quotation. Unless specifically noted, pricing is valid for thirty (30) days. Pryco Inc. reserves the right to adjust prices at any point in the future. The purchase price for Goods specified in the purchase order for less than the quantity on the quotation will be the Seller's price for the next lower quantity. If the Buyer requests preproduction samples or that an order be filled in partial quantities, the Buyer agrees to pay additional charge, to be determined by the Seller.
4. **SHIPMENT** – Shipment shall be F.O.B. Seller's plant. Seller reserves the right to designate routing and means on all shipments. Seller will attempt to honor, but does not guarantee, any shipping date requested by Buyer. All risk of loss shall pass to Buyer upon delivery of Goods to a carrier F.O.B. Seller's plant. Orders may be filled by partial or complete shipments. Delay in delivery of any part of the Goods shall not relieve Buyer from its obligation to accept and pay for the remaining Goods.
5. **PAYMENT** – In the event payment is not made by the Buyer as provided herein, Buyer agrees to pay interest on the unpaid amount at the rate of the lesser of 2% per month, or the greatest rate allowed by law. Notwithstanding the forgoing, if, at any time, Seller, in good faith, determines that Buyer's credit shall have become impaired, Seller may decline to make shipment hereunder, except in exchange for cash in advance.
6. **WARRANTIES** – Seller warrants the Goods will be as described on the face hereof, will be free from any defects in material and workmanship at the time of delivery and will be manufactured in accordance with the Fair Labor Standard Act of 1938, as amended. SELLER MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, AND ALL IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY DISCLAIMED. In order to assert a claim for breach of warranty, Buyer must contact Seller within one (1) year from date of sale determined by invoice date and which Seller's examination shall disclose to its satisfaction to thus defective. This remedy is agreed by Buyer and Seller to constitute a sole and exclusive remedy and all sales are made subject to the conditions that Seller is not liable for consequential damage or for personal injuries of Buyer or its agents thereof. Seller will not warrant installation of Goods by Buyer or its agents.
7. **EXCLUSIVE REMEDY** – The exclusive remedy of the Buyer for any breach of the warranties set out in Section (7) will be, in Seller's sole discretion, the replacement or repair of the Defective Goods without charge to Buyer, provided Buyer pays shipping charges for return of such Goods to Seller.
8. **LIMITATION OF DAMAGE** – In the event of a breach hereof, Seller will not under any circumstance be liable for consequential or incidental damage or expenses of the Buyer including without limitation lost profits, whether or not the Seller has been advised of the same.
9. **BUYER'S INDEMNITY** – The Buyer shall indemnify and hold Seller harmless from and against any and all losses, damages and expenses (including attorneys' fees and other costs of defending any action) that the Seller may sustain or incur as a result of any claim of negligence, breach of implied warranty or strict liability by the Buyer, its successors, agents, assigns or customers, whether direct or indirect, in connection with the use of the Goods.
10. **FORCE MAJEURE; ALLOCATIONS** – Failure of Seller to make or Buyer to take all or any shipment hereunder, if such failure is due to act of God, war, embargoes, and any other similar cause beyond the control of the party so failing, shall not subject such party to any liability to the other party, and in such event, at the request of either party the total quantity of products to be shipped due to such causes. Should Seller at any time be unable to supply its own and all of its customers requirements (including customers not under supply contract) of any product, Seller will allocate its available supply of products to its customers on such terms as it, in the exercise of its discretion, deems advisable, and in such event Seller will not be liable for failure to ship Buyer the full quantity of such products and the balance of the order not shipped will be cancelled. For purpose hereof, Seller's customers shall be deemed to include the subsidiaries and affiliates of Seller.

**CONTINUED**

## *Terms & Conditions*

### CONTINUED

11. **CANCELLATIONS** – Orders for Goods may be cancelled by the Buyer only upon immediate payment by Buyer of all of the foregoing: (a) for all completed work, the individual unit price of the order, (b) for all partially completed work, the percentage of completion (as determined by Seller in its sole discretion) multiplied by the individual unit price of the order, and (c) for all raw material, packaging, components, and engineering work, the actual cost of Seller therefore, plus reasonable handling and general overhead charges as determined by the Seller.
12. **STOP ORDERS** – Buyer may put its purchase order on hold only if it provides to Seller a written stop work order, which shall be valid for only fourteen (14) days from receipt by Seller. No later than fourteen (14) days after the date of the stop work order, Buyer shall proceed with its purchase order or shall pay cancellation charges as noted in Section 11. If the Buyer fails to indicate its decision, it shall be deemed to have elected to pay cancellation charges.
13. **INFRINGEMENT** – In the event that Buyer has specified certain requirements for the Goods, the Buyer shall defend, indemnify and hold harmless against any and all claims, expenses (including reasonable attorneys' fees), or losses suffered or incurred by Seller as a result of or arising out of a claim that any Goods infringe on any patent, trademark, service mark, copyright or other intellectual property right of any other person or entity.
14. **PROPRIETARY INFORMATION – CONFIDENTIALITY** – Buyer shall consider all information furnished by Seller to be confidential and shall not disclose any such information to any other person or entity. This obligation shall apply to viewings of Seller's process and production facilities, drawings, specifications, or other documents prepared by Seller for Buyer. The prior two sentences shall not apply to any information that is generally publicly known at the time of disclosure to the Buyer, or that is subsequently publicly disclosed without any breach by any obligation or duty to the Seller. Unless otherwise agreed in writing, no commercial, financial or technical information disclosed in any manner or at any time by Buyer to Seller shall be deemed secret or confidential and Buyer shall have no rights against Seller with respect thereto except such rights as may exist under patent laws.
15. **WAIVER** – Waiver by either Seller or Buyer of a breach of any provision hereof shall not be deemed a waiver of any current or future noncompliance therewith and such provision shall remain in full force and effect.
16. **SOLE AGREEMENT** – This writing is intended by parties as a final and complete expression of their agreement with respect to the subject matter hereof, and shall supersede all prior understandings, writings, negotiations and agreement with respect thereto. The terms and conditions set out herein may be amended only by a writing specifically referencing that it is intended to modify this quotation and signed by duly authorized agent of the parties. The express terms hereof shall not be varied by any course of dealing, performance or usage of trade. Any different, conflicting or additional terms in any purchase order, document or the like provided or offered by the Buyer are hereby expressly rejected.
17. **DISPUTES** – Any dispute arising under this quotation which is not settled by agreement of the parties may, upon the election of Seller, be decided by arbitration pursuant to the rules of the American Arbitration Association. Pending any decision, appeal or judgement in such proceedings or the settlement of any dispute arising under this order. Buyer shall pay for all Goods delivered and Seller may elect to proceed or to stop performance hereunder.
18. **WEBSITE DOCUMENTS** – Seller Standard Terms and Conditions and any updates thereto are incorporated herein and are binding on Buyer, and Buyer acknowledges having access to such documents. If Buyer is unable to access the Sellers website, Buyer may notify Seller by phone at 217-364-4467 to obtain a copy from Seller.

## PUMP / MOTOR SIZING

The flow rate and pressure determine the size of pump and motor. Select pump motor by horsepower rating & characteristics.

### 2 GPM PUMP - 1800 RPM MOTOR @ 60° F.

PRES-SURE (PSI)	FLOW RATE (GPM)	HP REQ.	MOTOR HP
40	1.86	.14	1/3*
60	1.74	.18	1/3*
80	1.62	.23	1/3*
100	1.50	.28	1/3

\* Also ¼ HP DC Motors

### 4 GPM PUMP - 1800 RPM MOTOR @ 60° F.

PRES-SURE (PSI)	FLOW RATE (GPM)	HP REQ.	MOTOR HP
40	3.41	.22	1/3
60	3.08	.29	1/3
80	3.23	.36	1/2
100	3.03	.43	1/2

### 8 GPM PUMP - 1800 RPM MOTOR @ 60° F.

PRES-SURE (PSI)	FLOW RATE (GPM)	HP REQ.	MOTOR HP
40	7.90	.55	3/4
60	7.50	.75	3/4
80	7.00	.95	1
100	6.50	1.15	1 ½

### 10 GPM PUMP - 1800 RPM MOTOR @ 60° F.

PRES-SURE (PSI)	FLOW RATE (GPM)	HP REQ.	MOTOR HP
40	10.10	.90	1
60	9.90	1.20	1 ½
80	9.60	1.50	1 ½
100	9.40	1.75	2

### 23 GPM PUMP - 1800 RPM MOTOR @ 60° F.

PRES-SURE (PSI)	FLOW RATE (GPM)	HP REQ.	MOTOR HP
40	22.50	1.53	1 ½
60	22.10	1.92	2
80	21.70	2.25	5
100	21.30	2.70	5

### 40 GPM PUMP - 1200 RPM MOTOR @ 60° F.

PRES-SURE (PSI)	FLOW RATE (GPM)	HP REQ.	MOTOR HP
40	36.00	1.70	2
60	34.00	2.30	5
80	32.00	2.80	5
100	30.00	3.50	5

## PUMP MOTORS

All motors are Thermal Protected unless noted "Not T/P" in CHARACTERISTICS.

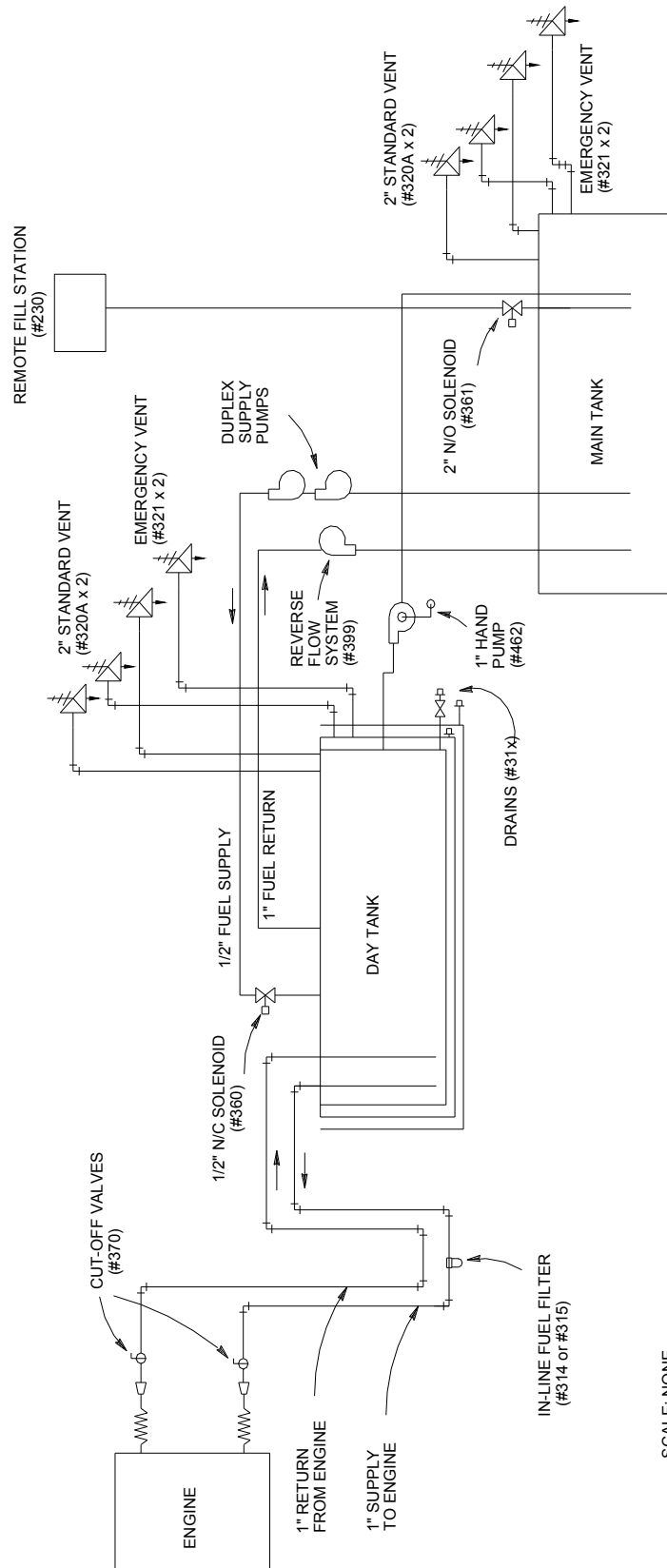
HP RATING	VOLTAGE	PHASE	CYCLES	CHARACTERISTICS	OPTION CODE
1/4	12 vdc			Not T/P	410
1/4	24-28 vdc			Not T/P	411
1/3	115	1	60		414
1/3	115	1	60	TEFC	424
1/3	115	1	60	Explosion Proof	425
1/3	115	1	50		426
1/3	230	1	60		428
1/3	230	1	60	TEFC	428T
1/3	230	1	60	Explosion Proof	428X
1/3	230	1	50		429
1/3	230/460	3	60	Not T/P	433
1/2	12 vdc			Not T/P	440
1/2	24-28 vdc			Not T/P	441
1/2	115	1	60		444
1/2	115	1	60	TEFC	445
1/2	115	1	60	Explosion Proof	446
1/2	115	1	50		447
1/2	230	1	60		448
1/2	230	1	60	TEFC	448T
1/2	230	1	60	Explosion Proof	448X
1/2	230	1	50		449
1/2	230	3	60	TEFC	451
1/2	460	3	60	Not T/P-Mtr Strt Rq'd	452
1/2	230	3	60	Not T/P-Mtr Strt Rq'd	454
3/4	115	1	60		455
3/4	230/460	3	60	Not T/P-Mtr Strt Rq'd	456
1	115	1	60		457
1	230/460	3	60	Not T/P-Mtr Strt Rq'd	458
2	115	1	60		459
2	230/460	3	60	Not T/P-Mtr Strt Rq'd	459
5	115	1	60		460
5	230/460	3	60	Not T/P-Mtr Strt Rq'd	460

**TEMPERATURE INFLUENCES OF THE PROPERTIES OF  
#2 FUEL OIL**

TEMPERATURE (DEG. F.)	DENSITY (LBS / FT <sup>3</sup> )	WEIGHT (LBS / GAL)	SPECIFIC GRAVITY	VISCOSITY (cP)	VISCOSITY (cS)
0	56.10	7.50	0.899	27.9	31.0
20	55.50	7.42	0.890	16.6	18.7
40	54.80	7.33	0.879	10.0	11.4
60	54.10	7.23	0.867	7.2	8.3
80	53.50	7.15	0.858	4.8	5.6
100	52.90	7.07	0.848	3.3	3.9
120	52.60	7.03	0.843	2.5	3.0
140	52.40	7.00	0.840	2.1	2.5
160	52.20	6.98	0.837	1.6	1.9
180	52.00	6.95	0.834	1.4	1.7
200	51.40	6.87	0.824	1.2	1.5
300	49.20	6.58	0.789	0.6	0.7
400	46.70	6.25	0.749	0.3	0.4

**CONVERSION TABLE  
PRESSURE (PSI) TO FEET OF HEAD**

PSI	FT. OF HEAD	PSI	FT. OF HEAD	PSI	FT. OF HEAD	PSI	FT. OF HEAD
1	2.31	10	23.10	19	43.90	60	138.60
2	4.62	11	25.40	20	46.20	65	150.10
3	6.93	12	27.70	25	57.70	70	161.70
4	9.24	13	30.00	30	69.30	75	173.20
5	11.60	14	32.30	35	80.80	80	184.80
6	13.90	15	34.60	40	92.40	85	198.30
7	16.20	16	37.00	45	103.90	90	207.90
8	18.50	17	39.30	50	115.50	95	219.40
9	20.80	18	41.60	55	127.00	100	230.90



SCALE: NONE  
 NOT ALL FITTINGS SHOWN  
 PRYCO OPTION CODES ARE PRECEDED BY #)

## TYPICAL FUEL SYSTEM PIPING DIAGRAM