

# STANDARD DAY TANKS

## DOUBLE-WALL

SIZE IN GALLONS	U/L VENT	WIDTH (Inches)	DEPTH (Inches)	HEIGHT [1] (Inches)	WEIGHT (Lbs.)	BASIC MODEL	U/L Listed MODEL
5	2	30	14	25	125	PY5DW	PY5ULDW
10	2	30	18	25	170	PY10DW	PY10ULDW
15	2	30	18	31	200	PY15DW	PY15ULDW
25	2	30	18	36	230	PY25DW	PY25ULDW
50	2	30	24	45	375	PY50DW	PY50ULDW
60	3	30	24	53	457	PY60DW	PY60ULDW
75	3	30	24	58	470	PY75DW	PY75ULDW
100	3	30	30	58	510	PY100DW	PY100ULDW
150	3	30	42	58	715	PY150DW	PY150ULDW
200	4	30	60	60	935	PY200DW	PY200ULDW
275	4	33	72	60	1040	PY275DW	PY275ULDW
300	4	34	72	60	1100	PY300DW	PY300ULDW
400	4	40	78	60	1260	PY400DW	PY400ULDW
500	4	48	78	60	1330	PY500DW	PY500ULDW
600	4	48	86	60	1375	PY600DW	PY600ULDW
700	4	54	88	60	1510	PY700DW	PY700ULDW
800	4	58	92	60	1620	PY800DW	PY800ULDW
900	6	62	96	60	1735	PY900DW	PY900ULDW
1000	6	62	102	60	1835	PY1000DW	PY1000ULDW

[1] - Height includes an 8½” cover and a set of internal tank legs (1½” on 5 - 25 and 200 - 1000 gal. or 3” on 50 -150 gal.), and a set of external legs (1½” on 5 - 150 or 3” and 200 - 1000 gal.),

### DOUBLE WALL TANKS

A totally enclosed outer shell may be added to all day tanks and subbase tanks resulting in a minimum 110% capacity secondary containment area.

Both the inner and the outer tanks are vented separately and are pressure tested at 5 psi.

When enclosing a U/L Listed day tank, an additional emergency vent is added to the outer tank the same size as the inner tank. (The U/L Listing is “Secondary Containment Aboveground Tank for Flammable Liquids”, File MH12807.)

All threaded connections are located on the tank top except the overflow, drains, and the double wall vent. The inner tank drain is piped through the outer shell.



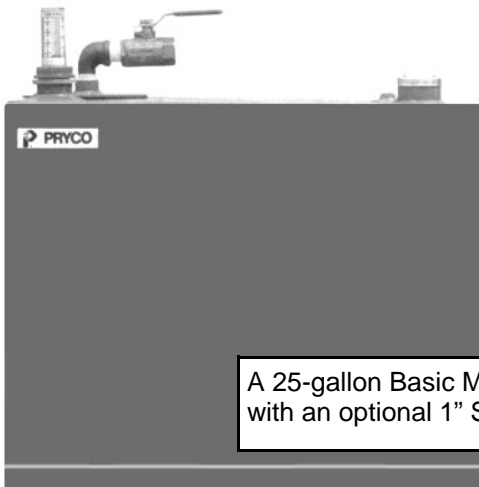
**Tank Dimensions  
subject to change  
without notice**

# MANUAL DAY TANKS

## SINGLE-WALL

SIZE IN GALLONS	U/L VENT	WIDTH (Inches)	DEPTH (Inches)	HEIGHT [1] (Inches)	WEIGHT (Lbs.)	BASIC MODEL	U/L Listed MODEL
5	2	24	8	14	35	PY5M	PY5MUL
10	2	24	12	14	60	PY10M	PY10MUL
15	2	24	12	20	70	PY15M	PY15MUL
25	2	24	12	25	105	PY25M	PY25MUL
50	2	24	18	33½	160	PY50M	PY50MUL
60	3	24	18	41½	175	PY60M	PY60MUL
75	3	24	18	46½	190	PY75M	PY75MUL
100	3	24	24	46½	210	PY100M	PY100MUL
150	3	24	36	46½	370	PY150M	PY150MUL
200	4	24	54	50	450	PY200M	PY200MUL
275	4	27	66	50	500	PY275M	PY275MUL
300	4	28	66	50	525	PY300M	PY300MUL
400	4	34	72	50	595	PY400M	PY400MUL
500	4	42	72	50	620	PY500M	PY500MUL
600	4	42	80	50	650	PY600M	PY600MUL
700	4	48	82	50	715	PY700M	PY700MUL
800	4	52	86	50	775	PY800M	PY800MUL
900	6	56	90	50	840	PY900M	PY900MUL
1000	6	56	96	50	895	PY1000M	PY1000MUL

[1] - Height includes a set of 1½” legs on 5-25 gal. and 200-1000 gal. Manual tanks and 3” legs on 50 -150 gal. tanks. For non-U/L Listed Manual tanks, add 4½” to height for Sight Gauge. Add 8½” to height for Standard Cover on U/L Listed Manual tanks.



A 25-gallon Basic Manual Day Tank fitted with an optional 1” Shut-Off Valve.

Large Manual tanks are often used as a main storage tank — consider a double wall configuration.



Need a 3-sided, corner, wall-mounted day tank, or a special dimension tank? Pryco can manufacture any custom tanks. We will fit any options and accessories to your specifications.

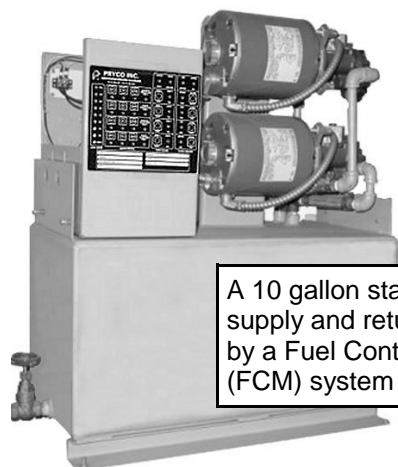
**Dimensions subject to change without notice**

# MANUAL DAY TANKS

## DOUBLE-WALL

SIZE IN GALLONS	U/L VENT	WIDTH (Inches)	DEPTH (Inches)	HEIGHT [1] (Inches)	WEIGHT (Lbs.)	BASIC MODEL	U/L Listed MODEL
5	2	30	14	15½	125	PY5MDW	PY5MULDW
10	2	30	18	15½	170	PY10MDW	PY10MULDW
15	2	30	18	21½	200	PY15MDW	PY15MULDW
25	2	30	18	26½	230	PY25MDW	PY25MULDW
50	2	30	24	35	375	PY50MDW	PY50MULDW
60	3	30	24	43	457	PY60MDW	PY60MULDW
75	3	30	24	48	470	PY75MDW	PY75MULDW
100	3	30	30	48	510	PY100MDW	PY100MULDW
150	3	30	42	48	715	PY150MDW	PY150MULDW
200	4	30	60	51½	935	PY200MDW	PY200MULDW
275	4	33	72	51½	1040	PY275MDW	PY275MULDW
300	4	34	72	51½	1100	PY300MDW	PY300MULDW
400	4	40	78	51½	1260	PY400MDW	PY400MULDW
500	4	48	78	51½	1330	PY500MDW	PY500MULDW
600	4	48	86	51½	1375	PY600MDW	PY600MULDW
700	4	54	88	51½	1510	PY700MDW	PY700MULDW
800	4	58	92	51½	1620	PY800MDW	PY800MULDW
900	6	62	96	51½	1735	PY900MDW	PY900MULDW
1000	6	64	102	51½	1835	PY1000MDW	PY1000MULDW

[1] - Height includes a set of 1½” internal Manual tank legs and either 3” legs on 5-150 gal. Double Wall tanks or 1½” legs on 200-1000 gal. Double Wall tanks. For non-U/L Listed Manual tanks, add 4½” to height for Sight Gauge. Add 8½” to height for Standard Cover on U/L Listed Manual tanks.



A 10 gallon standard day tank with supply and return pumps controlled by a Fuel Control and Monitoring (FCM) system (option #700 )



### PRIME POWER GENERATION

If your fuel supply system is to be used to provide fuel for Prime Power Generation, we recommend:

- For **DAY TANKS** - always specify ultra heavy duty float level sensors (Item #295) or an FCM (option 700)
- For **SUBBASE TANK** - specify isolator pads (option 537) for spring isolators (supplied by others) to reduce vibration.

Dimensions subject to change without notice

# TRIM DAY TANKS



## SINGLE-WALL

SIZE IN	U/L	WIDTH	DEPTH	HEIGHT [1]	WEIGHT	BASIC	U/L Listed
10	2	24	8	32	85	PY10T	PY10TUL
25	2	36	8	33½	105	PY25T	PY25TUL
50	2	36	8	57	160	PY50T	PY50TUL
60	3	36	10	57	175	PY60T	PY60TUL
75	3	36	12	57	190	PY75T	PY75TUL
100	3	36	16	57	210	PY100T	PY100TUL

[1] - Height includes an 8½” Cover and 1½” legs .

## DOUBLE-WALL

SIZE IN GALLONS	U/L VENT	WIDTH (Inches)	DEPTH (Inches)	HEIGHT [1] (Inches)	WEIGHT (Lbs.)	BASIC MODEL	U/L Listed MODEL
10	2	30	14	35	170	PY10TDW	PY10TULDW
25	2	42	14	36½	230	PY25TDW	PY25TULDW
50	2	42	14	60	375	PY50TDW	PY50TULDW
60	3	42	16	60	457	PY60TDW	PY60TULDW
75	3	42	18	60	470	PY75TDW	PY75TULDW
100	3	42	22	60	510	PY100TDW	PY100TULDW

[1] - Height includes an 8½” Cover and 1½” internal legs and 3” external legs .

## PUMP SETS

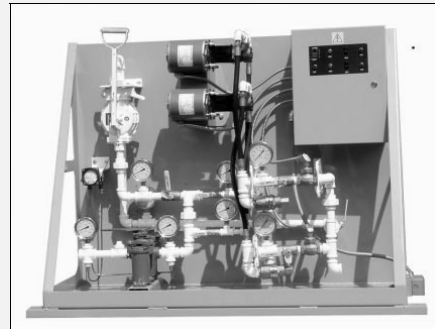
Pryco Pump Sets are high performance fuel system drivers. They are fully integrated, pre-plumbed and pre-wired for trouble-free, “connect and go” installation. Pryco offers a wide range of configurations that will fulfill your requirements. They are intended for use with #2 fuel oil.

The following configurations are available:

- Model **PYPS1000** series — “pad” designed for floor placement
- Model **PYPS2000** series — for mounting on a wall or resting upon legs
- Model **PYPS3000** series — custom design for special requirements.

### Standard Features include:

- Heavy Gauge Steel throughout
- 2 GPM Pump & 1/3 HP Motor
- High Pressure, Crimp Hose connections
- Drip Pan with ½ ” Drain Plug Port
- Priming Tee on intake (#312)
- 3” Formed Channel Legs on Pad Floor
- Common Ports - Suction & Discharge
- Interface with Tank Control Circuits
- Gray or Industrial Color Paint



*Please call the sales rep in your area or the factory for more details.*

## SUBBASE TANKS

Pryco's Subbase Tanks are designed specifically for generator set mounting. The physical size of each depends upon the foot print of the gen set and required capacity. Subbase Tanks are available in a **Standard** or a **U/L Listed** design. Each has the following characteristics:

- **Heavy Gauge Steel** - 7-gauge for the top and side channels; 12-gauge for bottom, ends, and internal baffles.
- **Internal Structural Baffles** - located every mounting point and a hot/cold fuel separation baffle.
- **Drain** - 3/8" in tanks up to 200 gallons and 1" in 200+ gallon tanks.
- **Connections** - (1 ea.) 1½" for fuel level gauge; (2 ea.) 2" NPT for lockable fill cap and for vent; and (2 ea.) ½" for engine suction and for engine return.
- **Welded by Certified Welders and Tested to 5psi.**
- **Finish** - Primer and choice of industrial color enamel.

Additionally, a Standard or U/L Listed Subbase may be fitted with **Double-Wall** ("Secondary Containment") construction. **Custom** designed tanks are available to accommodate large capacity Double Wall and Rupture Basin requirements.

U/L Listed Subbase Tanks have additional sized vents for the tank and the double wall area, if present. These restrictions apply to U/L Listed tanks:

- Width cannot exceed 82" — Height cannot exceed 30"
- Capacity - 2000 gallons or less



## SUBBASE OPTIONS

Option	Description
503	<b>LOW FUEL LEVEL ALARM</b> - Separate
504	<b>HEAVY DUTY SOCKET and RELAY</b> for Option #503 (10 amp. relay, dry)
505	<b>LOW FUEL LEVEL SWITCH</b> - Separate float switch for remote annunciator only.
507	<b>HIGH FUEL LEVEL ALARM</b> - Separate
508	<b>HEAVY DUTY SOCKET and RELAY</b> for Option #505 (10 amp. relay, dry)
509	<b>HIGH FUEL LEVEL SWITCH</b> - Separate float switch for remote annunciator only.
509RB	<b>LEAK DETECTOR SWITCH</b> - Rupture Basin or Double Wall (10 watts, dry)
530	<b>2" RAISED MANUAL FILL</b> - with lockable cap, 8" high (ship loose).
531	<b>EXTRA FITTING</b> through double wall (up to 2")

Option Code	Description
532	<b>ADDITIONAL SET of GEN-SET MOUNTING HOLES</b> (over 3 sets).
533	<b>MOUNTING RAILS</b> to bolt gen-set to wider tanks
534	<b>"BOLT-ON" END</b> for stub up (not for Custom tanks)
535	<b>"BOLT-ON" EXPANDED METAL END</b> for stub up (not for Custom tanks)
536	<b>GENERATOR SET MOUNTING</b> - up to 500 KW. Route your gen-set to Pryco to be mounted to your Subbase Tank, connect fuel lines and ship on to job site or your facility.
537	<b>ISOLATOR PADS</b> - attached at each mounting point to receive spring isolators supplied by others.
540	<b>ENCLOSURE</b> – For Level Sensors (Used Primarily for Day Tank versions)
544	<b>ENCLOSURE</b> – For Control Panel (Used Primarily for Day Tank versions)

## CUSTOM SUBBASE TANK TRAILERS

When portability is essential, a Pryco tank/trailers is a must. The tank, a subbase tank (sold separately), is integrated into the design of the trailer — all of which centers around the make and model of the gen-set and required total gross vehicle weight (GVW).

The trailer frame and tongue are formed with extra heavy 7-gauge steel. The fenders and step pads are made of heavy gauge formed steel. The step pads also include non-skid surfaces.

Standard equipment includes:

- USDOT required lighting package:
  - Protected Brake Lights
  - Park Lights
  - Turn Lights
  - Side Marker Lights
  - License Plate Bracket
- 3-foot Heavy Duty Safety Chains
- Sand Shoe Tongue Jack
- Ball Coupler
- Primer & Light Gray Enamel Finish or An Industrial Color Of Choice



**SUBBASE TANK SOLD SEPARATELY (See Previous Page).  
U/L LISTED TANKS NOT APPLICABLE FOR PORTABLE USE.**

### SINGLE AXLE TRAILERS

MODEL NUMBER	GVW (In lbs.)
PTS1000	1000
PTS2000	2000
PTS3500	3500
PTS4000	4000
PTS5000	5000
PTS6000	6000

### TANDEM AXLE TRAILERS

MODEL NUMBER	GVW (In lbs.)
PTT4000	4000
PTT5000	5000
PTT6000	6000
PTT7000	7000
PTT8000	8000
PTT9000	9000
PTT10000	10,000
PTT12000	12,000

### TRAILER OPTIONS

DESCRIPTION	
600	<b>PARKING BRAKE</b> with Hydraulic Actuator/Coupler
610	<b>ELECTRIC BRAKES</b>
611	- Single Axle 3,500 lbs.
612	- Tandem Axle 7,000 lbs.
620	<b>SURGE HYDRAULIC BRAKES</b>
621	- Single Axle 6,000 lbs.
	- Tandem Axle 12,000 lbs.
630	<b>STABILIZER JACK</b> (Pair) - 1,200 lbs. each
640	<b>SWIVEL JACK and WHEEL</b>
650	<b>TOWING RING</b>
651	<b>ADJUSTABLE COUPLER and TOWING RING</b> (Trailer Capacity Priced)
652	<b>BREAK-AWAY KIT</b> (Electric Brakes Only)
670	<b>PAINT</b> (other than Pryco Gray)
671	- Single Axle
	- Tandem Axle

**Pryco can build tank/trailers to your specifications.**

## OPTIONAL ACCESSORIES (IN ADDITION TO STANDARD TANK) ELECTRICAL OPTIONS

Option Code	Description
200	<b>PILOT LIGHT, Green</b> - Indicates <b>power available</b> to tank.
201	<b>PILOT LIGHT, Red</b> - indicates <b>low fuel level</b> in the remote main storage tank. Signal from external tank must be supplied. (Specify voltage.)
201R	<b>TERMINALS, SOCKET, RELAY and WIRING</b> for Option #201 (3 amp. relay, dry contacts)
202	<b>PUMP RUN-OFF-AUTOMATIC SWITCH</b> - Three position selector switch that replaces "Press-To-Test" switch. Includes Option #200.
203	<b>LOW FUEL LEVEL ALARM</b> - Separate float switch activates red light on control panel.
204	<b>TERMINALS, SOCKET, RELAY and WIRING</b> for Option #203 (3 amp. relay, dry contacts)
205	<b>LOW FUEL LEVEL SWITCH</b> - Separate float switch for remote annunciator only. (10 watts, dry contacts)
206	<b>CRITICAL LOW FUEL ALARM, ENGINE SHUTDOWN</b> - Separate float switch activates red light on control panel. Provides signal for remote annunciator. Prevents loss of engine fuel prime. (Dry contacts)
207	<b>HIGH FUEL LEVEL ALARM</b> - Separate float switch activates red light on control panel.
208	<b>TERMINALS, SOCKET, RELAY and WIRING</b> for Option #207 (3 amp. relay, dry contacts)
209	<b>HIGH FUEL SWITCH</b> - Separate float switch for remote annunciator only. (10 watts, dry contacts)

Option Code	Description
209RB	<b>RUPTURE BASIN or DOUBLE WALL LEAK DETECTOR</b> - (10 watts, dry contacts).
210	<b>HIGH / LOW COMBINATION FUEL LEVEL ALARM</b> - Separate dual float switches activates red lights on control panel.
211	<b>TERMINALS, SOCKET, RELAY and WIRING</b> for Option #210 (3 amp. relay, dry contacts)
212	<b>HIGH / LOW COMBINATION FUEL LEVEL SWITCH</b> - Separate dual float switches for remote annunciator only. (10 watts, dry contacts)
213	<b>CRITICAL HIGH FUEL PUMP-MOTOR SHUT DOWN</b> - Shut down of pump-motor on day tank; activates red light on day tank control panel; coil on relay for remote annunciation; closes normally open solenoid valve. (15 amp., dry contacts)
214	<b>EXPLOSION-PROOF FLOAT SWITCH</b> - replaces basic Standard
215	<b>FLOAT VALVE</b> - replaces basic Standard Float Switch (for gravity filling)
216	<b>CIRCUIT BREAKER</b> - For motors mounted on day tank: 1-10 - Single ph A/C, 1 pole, 10 amp. 1-15 - Single ph A/C, 1 pole, 15 amp. 1-20 - Single ph A/C, 1 pole, 20 amp. 1-30 - Single ph A/C, 1 pole, 30 amp 2-15 - Single ph A/C, 2 pole, 15 amp. 3-15A - Three ph A/C 230vac - 15 amp. 3-15B - Three ph A/C 460vac - 15 amp. DC - D/C motors - 30 amp.
217	<b>STANDARD FLOAT SWITCH</b> - 15 amp.
218	<b>DPDT FLOAT SWITCH</b> - 15 amp.

## ELECTRICAL (Continued)

Option Code	Description
219	<b>HEATER &amp; THERMOSTAT</b> w/controls to shut down heater on low fuel level: A - PY5 thru PY25 - 300 watt, 120vac B - PY50 thru PY100 - 1000 watt, 120vac C - PY150 thru PY300 - 1500 watt 120vac D - PY400 thru PY500 - 2000 watt 120vac E - PY600 thru PY800 - 4000 watt 240vac F - PY900 thru PY1000 - 8000 watt 240vac
220	<b>LOW FUEL LEVEL - HEATER SHUT DOWN SWITCH</b> - Dry contacts
221	<b>EXPLOSION PROOF LOW LEVEL</b>
222	<b>EXPLOSION PROOF HIGH LEVEL SWITCH</b>
223	<b>ALARM HORN</b> - AC / DC
224	<b>ALARM HORN</b> - weatherproof
225	<b>FLASHING LIGHT</b> - yellow on HOA "OFF"
226	<b>REMOTE FUEL FILL PANEL</b> - NEMA 3R enclosure, remotely mounted. At 90% fuel fill, alarm horn activates and light illuminates (alarm horn and silence switch included), 95% alarm horn activates, light illuminates, and an optional N/O solenoid valve (opt #361) closes allowing no more fuel to enter tank.
227	<b>SPILL CONTAINER</b> - 7.5 gallon container (with wall-mount bracket) to prevent over-spill from contaminating soil, floor, etc. High speed drain valve included.

Option Code	Description
227G	<b>SPILL CONTAINER</b> - 5 gallon container (for in-ground, grade level) to prevent over-spill from contaminating soil, etc. High speed drain valve included.
228	<b>4" FILL ADAPTER</b> - with cap for option #227
229	<b>DRIP BASIN</b> - one gallon container, lockable w/gasket for manual filling of Day Tank or Subbase
230	<b>REMOTE FILL STATION</b> - A lockable NEMA 3R enclosed, remotely mounted station for filling fuel storage tanks via hose connection. Two isolated compartments—one to house electrical components, the other for fueling.
240	<b>ALARM TEST SWITCH</b> - A momentary contact switch that test all alarm circuits.
242	<b>ALARM SILENCE SWITCH</b> - A momentary contact switch that resets sounding alarm
244	<b>PUMP RUNNING CONTACTS</b> - Provides dry contact signal for remote annunciator indicating a pump is running
295	<b>LEAK DETECTOR - DOUBLE WALL or RUPTURE BASIN</b> - pump/motor shut down, alarm light on control panel, and contacts for remote signal (15 amp, dry contacts)




## MECHANICAL OPTIONS

Option Code	Description
301	<b>MANUAL FUEL FILL, LOCKING CAP, 2" NPT</b>
302	<b>MANUAL FUEL FILL, THREADED - 2" NPT</b>
305	<b>WALL MOUNTING BRACKETS</b> - 10 and 25 gallon tanks

Option Code	Description
310	<b>PIPE STANDS, ADAPTER ONLY</b> A - PY10 - PY25 . B - PY50 - PY100 . C - PY150 - PY275
312	<b>PRIMING TEE</b> - for easy pump priming. A - 1/2" B - 1"
313	<b>COMPOUND GAUGE</b> - for monitoring pump press and vacuum, 2-1/2" dial


## MECHANICAL (Continued)

Option Code	Description
314	<b>FUEL STRAINER 40 MESH, 2"</b> (ship loose)
315	<b>FUEL STRAINER 60 MESH, 1"</b> (ship loose)
316	<b>REPLACEMENT FILTER AND GASKET</b> A - for option 314    B - for option 315
317	<b>DUPLEX STRAINER w/3-WAY VALVES</b> (ship loose)
318	<b>FUEL FILTER / WATER SEPARATOR - 1-1/2"</b> (ship loose)
320	<b>VENT CAP</b> (ship loose) A - 2" NPT    B - 3" NPT    C - 4" NPT
321	<b>VENT CAP, PRESSURE RELIEF</b> (ship loose) A - 2" NPT    C - 4" NPT B - 3" NPT    D - 6" NPT
322	<b>VENT U/L KIT, SINGLE WALL</b> - Includes one working vent cap and one emergency pressure relief vent cap. (ship loose) A - 2" NPT    C - 4" NPT B - 3" NPT    D - 6" NPT
323	<b>VENT U/L KIT, DOUBLE WALL</b> - Includes <u>two</u> working vent caps, and <u>two</u> emergency pressure relief vent caps. (ship loose) A - 2" NPT    C - 4" NPT B - 3" NPT    D - 6" NPT
324	<b>VENT OVERFLOW DETECTOR</b> - A sensor to detect any fuel overflowing into the vent. Pump motor shut down and alarm activation (15 amp).
325	<b>SIGHT GLASS (PLASTIC)</b> - with valve at lower end, guard included
326	<b>SIGHT GLASS (GLASS)</b> - with two hand valves, guard included
330	<b>EXTRA PIPE CONNECTION, 1" NPT</b> on tank
331	<b>EXTRA PIPE CONNECTION, 1-1/4" to 2"</b> on tank

Option Code	Description
332	<b>EXTRA PIPE CONNECTION, 3" to 4"</b> on tank
333	<b>EXTRA FITTING for D/W PIPE-THROUGH</b> A - 1" NPT B - 2" NPT 
334	<b>COVER, STANDARD</b> - single pump
335	<b>COVER, WEATHERPROOF</b> A - single pump and motor B - duplex pump and motor
335RB	<b>STEEL WEATHERPROOFING OF RUPTURE BASIN</b>
A	10 - 25 gal.
B	50 - 75 gal.
C	100 - 150 gal.
D	200 - 300 gal.
E	400 - 600 gal.
F	700 - 800 gal.
G	900 - 1000 gal.
336	<b>COVER, TRIM</b> - for trim tanks
337	<b>COVER, DUPLEX PUMP and MOTOR</b>
338	<b>ENCLOSURE, PUMP SET</b> A - Wall Mount, NEMA-1, Single Pump B - Wall Mount, NEMA-1, Duplex Pump C - Wall Mount, NEMA-3R, Single Pump D - Wall Mount, NEMA-3R, Duplex Pump E - Pad Mount, NEMA-1, Single Pump F - Pad Mount, NEMA-1, Duplex Pump G - Pad Mount, NEMA-3R, Single Pump H - Pad Mount, NEMA-3R, Duplex Pump X - Custom 
339	<b>DOOR INTERLOCK w/CIRCUIT BREAKER</b> for Wall Mount Enclosures 
340	<b>DRAIN PETCOCK VALVE</b> - replaces threaded plug in end at bottom of tank
341	<b>DRAIN, PIPED THRU</b> - for use with Rupture Basin (includes option 340)
345	<b>DRAIN, NOMINAL 10 GPM</b> - includes manual valve
350	<b>DRAIN, EMERGENCY FOR REMOTE ACTUATION</b> - nominal 10 GPM. Signaled valve gravity drains day tank to main tank using existing plumbing. Indicator light on control panel illuminates and pump-motor disconnects

# MECHANICAL (Continued)

Option Code	Description
352	<b>OIL COOLER</b> - mounted on day tank for cooling hot return fuel from engine
353	<b>TEMPERATURE SWITCH</b> - to auto-matically control on/off of cooler motor
354	<b>HIGH TEMPERATURE RETURN VALVE - THERMOSTATIC</b> - 1" NPT (specify temp.)
355	<b>CHECK VALVE</b> - installed on pump intake to prevent loss of pump prime
360 A B	<b>SOLENOID VALVE, A/C</b> - installed on pump intake to prevent tank flooding A - 1/2" N/C (2 - 8 gpm pumps) B - 1" N/C (10-40 gpm pumps)
361	<b>SOLENOID VALVE, 2", Normally Open</b> - for option 226
362 A B C D	<b>SOLENOID VALVE, Normally Open</b> A - 1/2" A/C (2 - 8 gpm pumps) B - 1" A/C (10-40 gpm pumps) C - 1/2" D/C (2 - 8 gpm pumps) D - 1" D/C (10-40 gpm pumps)
365 A B	<b>SOLENOID VALVE, DC systems</b> (same as option 360) A - 1/2" N/C (2 - 8 gpm pumps) B - 1" N/C (10-40 gpm pumps)
366	<b>SOLENOID VALVE</b> w/manual override, 1/2", N/C - AC or DC
367	<b>SOLENOID VALVE</b> w/manual override, 1", N/C - AC or DC
369 A B C	<b>CUT OFF VALVE, 1/4 Turn</b> installed A - 1/2" pump set plumbing B - 1" pump set plumbing C - 1-1/2" pump set plumbing
370	<b>CUT OFF VALVE, manual</b> - mounted on fuel inlet of gravity fed tanks (ship loose)
371	<b>FLOW METER</b> - meters fuel from main storage tank, 1" NPT (ship loose)
372	<b>FLOW SWITCH</b> - to detect "no fuel" in fuel line and sound alarm (10 watts)
373	<b>TIME DELAY RELAY</b> - for option 372 w/ reset pump/motor shutdown (10 amp)

Option Code	Description																				
374	<b>FUSE-LINK VALVE</b> (for fire safety) - closes automatically when ambient temperature reaches 165° F., 1" NPT (ship loose)																				
375	<b>FOOT VALVE</b> to prevent loss of pump prime, 1" NPT (ship loose)																				
376	<b>FOOT VALVE</b> - Same as Option #375 except installed on engine supply in tank, 1" NPT																				
379  A B C D	<b>EXTERNAL PRESSURE RELIEF BYPASS VALVE</b> - Installed "inline" - 1" @ 50 psi — 20 gpm max. - 1.5" @ 50 psi — 40 gpm max. - 2" @ 50 psi — 120 gpm max. - 2" @ 75 psi — 120 gpm max.																				
380	<b>PRESSURE RELIEF VALVE</b> - on motor driven pump - internal pressure relief																				
381	<b>FLAME ARRESTOR</b> - (Ship loose)																				
385	<b>RUPTURE BASIN</b> - 150% Open Top Secondary Container, U/L Listed. See Code & Size (in GAL) in table below																				
<table border="1"> <tbody> <tr> <td>A 10</td> <td>E 60</td> <td>I 200</td> <td>M 500</td> <td>S 900</td> </tr> <tr> <td>B 15</td> <td>F 75</td> <td>J 275</td> <td>N 600</td> <td>T 1000</td> </tr> <tr> <td>C 25</td> <td>G 100</td> <td>K 300</td> <td>P 700</td> <td></td> </tr> <tr> <td>D 50</td> <td>H 150</td> <td>L 400</td> <td>R 800</td> <td></td> </tr> </tbody> </table>		A 10	E 60	I 200	M 500	S 900	B 15	F 75	J 275	N 600	T 1000	C 25	G 100	K 300	P 700		D 50	H 150	L 400	R 800	
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D 50	H 150	L 400	R 800																		
386	<b>RUPTURE BASIN</b> - 200% Open Top Secondary Container, U/L Listed (See 385 Table Above For Codes and Sizes)																				
395	<b>RUPTURE LEAK DETECTOR</b> - pump/motor shut down, alarm light on control panel, and contacts for remote signal (15 amp, dry contacts)																				
396 A B	<b>REMOTE PUMPING ENCLOSURE</b> - NEMA 3R for remounting of standard pump/motor from Tank: A - Single Unit B - Duplex Unit																				
397 A B	<b>REMOTE PUMPING UNIT</b> A - <b>SINGLE</b> - includes 1/3 HP, 115 VAC, 1-Phase, 60 Hz motor; 2 GPM pump and required optional equipment installed in a NEMA 3R enclosure for mounting remote from Day Tank. B - <b>DUPLEX</b> - same as option 397a with dual pump and motor																				
398	<b>REMOTE READING LEVEL GAUGE</b>																				
399	<b>PIPING, for REVERSE FLOW</b> , from Day Tank back to main storage tank (includes float switch).																				

## PUMPS and MOTORS

(ADD TO TANK CONFIGURATION)

Option Code	Description
400	<b>PUMP, 8 GPM</b> - replaces standard 2 GPM pump. Requires 1/2 HP motor (options 440 - 448).
401	<b>PUMP, 4 GPM</b> - replaces standard 2 GPM pump. Requires 1/3 HP motor.
402	<b>PUMP, 2 GPM - (standard)</b> Requires 1/3 HP motor.
403	<b>PUMP, 10 GPM</b> - replaces standard 2 GPM pump. Requires 3/4 HP motor.
404	<b>PUMP, 23 GPM</b> - replaces standard 2 GPM pump. Requires 1 HP motor.
405	<b>PUMP, 40 GPM</b> - replaces standard 2 GPM pump. Requires 2 HP motor.
410	<b>DC MOTOR</b> - 1/4 HP, 12vdc
411	<b>DC MOTOR</b> - 1/4 HP, 24-28vdc
414	<b>MOTOR</b> - 1/3 HP, 115vac, 1 PH, 60 Hz, <b>(standard)</b> <sup>[Note 1]</sup>
424	<b>MOTOR</b> - 1/3 HP, 115vac, 1 PH, 60 Hz, <b>Totally Enclosed, Fan Cooled</b> <sup>[Note 1]</sup>
425	<b>MOTOR</b> - 1/3 HP, 115vac, 1 PH, 60 Hz, <b>Explosion Proof</b> <sup>[Note 1]</sup>
426	<b>MOTOR</b> - 1/3 HP, 115vac, 1 PH, 50 Hz, <b>(standard) Thermal Protected</b> <sup>[Note 1]</sup>
427	<b>SECOND STANDARD PUMP and MOTOR ASSEMBLY</b> - 1/3 HP, 115vac, 1 PH, 60 Hz, <b>Thermal Protected</b> motor and 2 GPM pump. Includes second float switch. First pump-motor operates at 86% of usable fuel capacity; the second pump-motor operates at 82% of usable fuel capacity. Both pump-motors shut off at 100% capacity.

Option Code	Description
427A	<b>AUTOMATIC TRANSFER SWITCH</b> - to automatically alternate each pump-motor (of option 427) into the lead starting position. Pump "RUN-OFF-AUTO" operates mode selector switch. Includes "Pump Running" amber light for each Pump-motor.
427B	<b>MANUAL TRANSFER SWITCH</b> - to manually alternate each pump-motor (of option 427) into the lead starting position. Motor run-time meter included for each pump-motor.
428	<b>MOTOR</b> - 1/3 HP, 230vac, 1 PH, 60 Hz <sup>[Note 1]</sup>
429	<b>MOTOR</b> - 1/3 HP, 230vac, 1 PH, 50 Hz <sup>[Note 1]</sup>
433	<b>MOTOR</b> - 1/3 HP, 230/460vac, 3 PH, 60 Hz <sup>[Note 2]</sup>
434	<b>MOTOR</b> - 3/4 HP, 115vac, 1 PH, 60 Hz, <b>Explosion Proof</b> <sup>[Note 1]</sup>
435	<b>MOTOR</b> - 3/4 HP, 230/460vac, 3 PH, 60 Hz <b>Explosion Proof</b> <sup>[Note 2]</sup>
436	<b>MOTOR</b> - 1 HP, 115vac, 1 PH, 60 Hz, <b>Explosion Proof</b> <sup>[Note 1]</sup>
437	<b>MOTOR</b> - 1 HP, 230/460vac, 3 PH, 60 Hz <b>Explosion Proof</b> <sup>[Note 2]</sup>
440	<b>DC MOTOR</b> - 1/2 HP, 12vdc
441	<b>DC MOTOR</b> - 1/2 HP, 24-28vdc
442	<b>MOTOR STARTER, 3 PH</b> , 130 watt control transformer and heater
443	<b>MOTOR STARTER, 1 PH</b>

[1] All single phase motors are Thermal Protected.

[2] All three-phase motors include Motor Starter and Control Transformer.

## PUMPS and MOTORS (Continued)

Option Code	Description
444	<b>MOTOR</b> - 1/2 HP, 115vac, 1 PH, 60 Hz <sup>[Note 1]</sup>
445	<b>MOTOR</b> - 1/2 HP, 115vac, 1 PH, 60 Hz, <b>Totally Enclosed, Fan Cooled</b> <sup>[Note 1]</sup>
446	<b>MOTOR</b> - 1/2 HP, 115vac, 1 PH, 60 Hz, <b>Explosion Proof</b> <sup>[Note 1]</sup>
447	<b>MOTOR</b> - 1/2 HP, 115vac, 1 PH, 50 Hz <sup>[Note 1]</sup>
448	<b>MOTOR</b> - 1/2 HP, 230vac, 1 PH, 60 Hz <sup>[Note 1]</sup>
449	<b>MOTOR</b> - 1/2 HP, 230vac, 1 PH, 50 Hz <sup>[Note 1]</sup>
451	<b>MOTOR</b> - 1/2 HP, 230vac, 3 PH, 60 Hz <b>Totally Enclosed, Fan Cooled</b> <sup>[Note 2]</sup>
452	<b>MOTOR</b> - 1/2 HP, 460vac, 3 PH, 60 Hz <sup>[Note 2]</sup>
454	<b>MOTOR</b> - 1/2 HP, 230vac, 3 PH, 60 Hz <sup>[Note 2]</sup>
455	<b>MOTOR</b> - 3/4 HP, 115vac, 1 PH, 60 Hz <sup>[Note 1]</sup>

Option Code	Description
456	<b>MOTOR</b> - 3/4 HP, 230/460vac, 3 PH, 60 Hz <sup>[Note 2]</sup>
457	<b>MOTOR</b> - 1 HP, 115vac, 1 PH, 60 Hz <sup>[Note 1]</sup>
458	<b>MOTOR</b> - 1 HP, 230/460vac, 3 PH, 60 Hz <sup>[Note 2]</sup>
459	<b>MOTOR</b> - 2 HP, 230/460vac, 3 PH, 60 Hz <sup>[Note 2]</sup>
460	<b>MOTOR</b> - 5 HP, 230/460vac, 3 PH, 60 Hz <sup>[Note 2]</sup>
461	<b>AUXILIARY HAND PUMP, PISTON TYPE</b> - 20 gallons per 100 strokes, self primes to 20' lift, Hand pump check valve and motor pump check valve included.
462	<b>HAND PUMP, ROTARY</b> - hand pump check valve and motor pump check valve included.
463	<b>STANDARD PUMP and MOTOR</b> - purchased separately
464	<b>PIPE STEM</b> - (set of two) for engine suction and return
465	<b>ENCLOSED INDUSTRIAL CONTROL PANEL</b> - U/L Listed

[1] All single phase motors are Thermal Protected.

[2] All three-phase motors include Motor Starter and Control Transformer.

### BATTERY BOXES

Hinged, lockable, weatherproof enclosure with handles

Option Code	SIZE
B01	<b>12" W x 23" L x 12" H</b> (1 - 4D or 1 8D)
B02	<b>12" W x 44" L x 12" H</b> (2 - 4D or 2 - 8D)
B03	<b>12" W x 44" L x 12" H w/HEAT PANEL</b> - 100 watt, 115vac
B04	<b>12" W x 44" L x 12" H w/HEAT PANEL and THERMOSTAT</b> - 100 watt, 115vac

### BATTERY FRAMES

- Formed 7-gauge; All frames are 4" high
- Painted flat black or industrial color of choice

Option Code	SIZE
F01	<b>10" x 22"</b> - for one Group 4D Battery
F02	<b>12" x 22"</b> - for one Group 8D Battery
F03	<b>10" x 44"</b> - for two Group 4D Batteries
F04	<b>12" x 44"</b> - for two Group 8D Batteries

**We also custom build battery boxes and frames to your specification.**