

Pryco's STANDARD Day Tanks are available in either a U/L Listed (Label #142) or a basic (non-U/L Listed) design. In addition to the standard features listed below U/L Listed tanks have additional internal reinforcement an emergency vent properly sized to the tank and a U/L Listed label (File #MH12807 - *Aboveground Tank for Flammable Liquids*).

Pryco Tanks are fabricated of heavy gauge steel by certified welders and are tested accordingly.

## STANDARD FEATURES

Removable 6½" Square Inspection Plate w/Gasket
Fuel Level Gauge
Heavy Duty Float Switch
"Press-to-Test" Switch
"Pump Running" Indicator Light
1/3 hp Thermally Protected 120vac 1ph 60hz Motor
2 gpm Bronze Gear Pump w/Stainless Steel Shafts
Threaded Pipe Connections for: <ul style="list-style-type: none"><li>• Engine Supply and Return (w/Drop Tubes)</li><li>• Atmospheric Vent</li><li>• Emergency Vent (If U/L Listed)</li><li>• Pump-To-Tank Inlets and Outlets (w/Drop Tubes)</li><li>• Overflow (Normally Back to Main Tank)</li><li>• Tank Drain (w/Drop Tube)</li><li>• Extra 2" Connection</li><li>• If Double Wall Secondary Containment Add:<ul style="list-style-type: none"><li>• An Atmospheric Vent</li><li>• An Emergency Vent (If U/L Listed)</li><li>• Drain For Secondary Containment Area</li></ul></li></ul>
Removable Top Cover
Epoxy Coating Inside
Pryco (Medium) Gray Exterior Paint (or an Industrial Color of Choice)



A Standard 100 Gallon U/L Listed Day Tank - **PY100UL** shown with a rupture basin a duplex pumping system (Opt. 427A) a return pump & motor an optional U/L Listed Enclosed Industrial Control Panel (Opt. 465) an oil cooler (Opt. 352) and a sight glass (Opt 326).

## DOUBLE WALL TANKS

A totally enclosed outer shell may be added resulting in a double wall construction. Both the inner and the outer tanks are vented separately and each are pressure tested.

When enclosing a U/L Listed day tank an additional emergency vent is added to the double wall containment area the same size as the inner tank. (The U/L Listing is "*Secondary Containment Aboveground Tank for Flammable Liquids*" File MH12807.)

All day tanks (10 gallon and more capacity) excluding Trim day tanks have all threaded connections located on the tank top (except the tank overflow and the double wall drain and vent). The inner tank drain is located on the tank top under the removable cover.

## TANK VENTING

Each tank (and double wall containment area if applicable) has a 2" Atmospheric Vent.

**If the tank is U/L Listed** an Emergency Vent is added. The size of the U/L Emergency Vent depends upon the wetted surface area of the tank and is shown below. If the tank is U/L Listed and double walled the same size Emergency Vent is also added to the double wall containment area.

- 2" - 10—50 Gallons**
- 3" - 60—150 Gallons**
- 4" - 200—600 Gallons and**
- 6" - 700—1000 Gallons**

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## STANDARD DAY TANK REFERENCE DATA

TANK SIZE (U.S. GAL)	STANDARD SINGLE WALL SERIES DAY TANKS				STANDARD DOUBLE WALL SERIES DAY TANKS			
	BASIC DESIGN		U/L LISTED		BASIC DESIGN		U/L LISTED	
	MODEL	WT (Lbs)	MODEL	WT (Lbs)	MODEL	WT (Lbs)	MODEL	WT (Lbs)
5	PY5	78	PY5UL	88	PY5DW	165	PY5ULDW	170
10	PY10	125	PY10UL	128	PY10DW	213	PY10ULDW	217
15	PY15	144	PY15UL	148	PY15DW	250	PY15ULDW	255
25	PY25	160	PY25UL	164	PY25DW	281	PY25ULDW	286
50	PY50	193	PY50UL	197	PY50DW	367	PY50ULDW	371
60	PY60	220	PY60UL	226	PY60DW	420	PY60ULDW	428
75	PY75	236	PY75UL	243	PY75DW	454	PY75ULDW	461
100	PY100	257	PY100UL	263	PY100DW	502	PY100ULDW	509
150	PY150	302	PY150UL	309	PY150DW	604	PY150ULDW	611
200	PY200	427	PY200UL	438	PY200DW	882	PY200ULDW	895
275	PY275	495	PY275UL	505	PY275DW	1,111	PY275ULDW	1,124
300	PY300	500	PY300UL	510	PY300DW	1,124	PY300ULDW	1,137
400	PY400	572	PY400UL	583	PY400DW	1,285	PY400ULDW	1,297
500	PY500	613	PY500UL	624	PY500DW	1,396	PY500ULDW	1,409
600	PY600	653	PY600UL	663	PY600DW	1,489	PY600ULDW	1,501
700	PY700	700	PY700UL	710	PY700DW	1,622	PY700ULDW	1,635
800	PY800	743	PY800UL	753	PY800DW	1,897	PY800ULDW	1,910
900	PY900	786	PY900UL	809	PY900DW	2,025	PY900ULDW	2,056
1000	PY1000	818	PY1000UL	841	PY1000DW	2,110	PY1000ULDW	2,141

DIMENSIONAL CHART DRAWINGS REFERENCE					
SIZE CATEGORY	TANK SIZE	STANDARD (BASIC & U/L) SINGLE WALL	STANDARD (BASIC & U/L) DOUBLE WALL	RUPTURE BASIN (150% Inner Tank Capacity)	RUPTURE BASIN (200% Inner Tank Capacity)
A	10—25	DT-9	DT-12	DT-25	DT-28
B	50—150	DT-10	DT-13	DT-26	DT-29
C	200—1000	DT-11	DT-14	DT-27	DT-30

See Page DT-1 For U/L Listed Emergency Vent Sizing

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Pryco MANUAL Day Tanks are identical to Standard Day Tanks, but do not have a pump, motor and a control system. This is to facilitate possible future conversion to a Standard pumping system by adding a few parts. (All Manual day tanks have a removable cover.)

Like all of Pryco's tanks, Manual day tanks are available as either a basic, non-U/L Listed configuration, or a U/L Listed one (Label 142, File #MH12807 - *Above-ground Tank for Flammable Liquids*). Both include the Standard Features listed below. The U/L Listed tanks also include additional internal reinforcement, an emergency vent properly sized to the tank, and a U/L Listed label.

Pryco Tanks are fabricated of heavy gauge steel by certified welders and are tested accordingly.

Standard features of Manual Tanks are:

STANDARD FEATURES—MANUAL TANKS
Removable 6½" Square Inspection Plate w/ Gasket
Fuel Level Gauge
Threaded Pipe Connections for: <ul style="list-style-type: none"> <li>• Engine Supply and Return (w/Drop Tubes)</li> <li>• Atmospheric Vent</li> <li>• Emergency Vent (If U/L Listed)</li> <li>• Pump-To-Tank Inlets and Outlets (w/Drop Tubes)</li> <li>• Overflow (Normally Back to Main Tank)</li> <li>• Tank Drain (w/Drop Tube)</li> <li>• Extra 2" Connection</li> <li>• Manual Tank Fill (2") w/Lockable Fill Cap</li> <li>• If Double Wall Secondary Containment, Add:                             <ul style="list-style-type: none"> <li>• An Atmospheric Vent</li> <li>• An Emergency Vent (If U/L Listed)</li> <li>• Drain For Secondary Containment Area</li> </ul> </li> </ul>
Removable Top Cover
Epoxy Coating Inside
Pryco (Medium) Gray Exterior Paint (or an Industrial Color of Choice)



A 300-gallon, U/L Listed, Manual Double Wall Day Tank .



### USES OF MANUAL TANKS

Manual Tanks take on a variety of roles other than that of a typical day tank. For example:

- Larger Manual tanks are often used as the system's main storage tank. In this role, they are normally used in conjunction with a day tank with pump and controls. (Consider a U/L Listed, double walled version.)
- Smaller versions may be used as a wall-mounted "dry sump" for automatic engine lubrication.

The only restriction is, like all tanks, they should not be utilized as a pressurized vessel.

### SECONDARY CONTAINMENT DOUBLE WALL TANKS and RUPTURE BASINS

All day tanks may be set within a Rupture Basin, or Open Top Dike. Rupture basins are available with a minimum capacity of either 150% or 200% of the inner tank (the vessel where fuel is normally stored). The inner tank is used to determine rupture basin size.

Single wall day tanks may be set within either a 150% or a 200% rupture basin, whereas, those with double wall construction will only fit within a 200% minimum capacity rupture basin.

Weatherproof rupture basins are also available, see Option 335 on page OP-20.

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## MANUAL DAY TANK REFERENCE DATA

TANK SIZE (U.S. GAL)	STANDARD SINGLE WALL SERIES DAY TANKS				STANDARD DOUBLE WALL SERIES DAY TANKS			
	BASIC DESIGN		U/L LISTED		BASIC DESIGN		U/L LISTED	
	MODEL	WT (Lbs)	MODEL	WT (Lbs)	MODEL	WT (Lbs)	MODEL	WT (Lbs)
5	PY5M	52	PY5MUL	56	PY5MDW	131	PY5MULDW	137
10	PY10M	104	PY10MUL	108	PY10MDW	195	PY10MULDW	200
15	PY15M	125	PY15MUL	129	PY15MDW	234	PY15MULDW	239
25	PY25M	143	PY25MUL	147	PY25MDW	267	PY25MULDW	271
50	PY50M	178	PY50MUL	182	PY50MDW	355	PY50MULDW	359
60	PY60M	207	PY60MUL	213	PY60MDW	411	PY60MULDW	418
75	PY75M	225	PY75MUL	231	PY75MDW	446	PY75MULDW	453
100	PY100M	246	PY100MUL	252	PY100MDW	494	PY100MULDW	501
150	PY150M	291	PY150MUL	297	PY150MDW	596	PY150MULDW	603
200	PY200M	416	PY200MUL	428	PY200MDW	876	PY200MULDW	888
275	PY275M	485	PY275MUL	495	PY275MDW	1,105	PY275MULDW	1,117
300	PY300M	490	PY300MUL	500	PY300MDW	1,118	PY300MULDW	1,130
400	PY400M	563	PY400MUL	573	PY400MDW	1,278	PY400MULDW	1,291
500	PY500M	604	PY500MUL	614	PY500MDW	1,390	PY500MULDW	1,402
600	PY600M	643	PY600MUL	653	PY600MDW	1,482	PY600MULDW	1,495
700	PY700M	691	PY700MUL	701	PY700MDW	1,616	PY700MULDW	1,628
800	PY800M	733	PY800MUL	743	PY800MDW	1,890	PY800MULDW	1,903
900	PY900M	777	PY900MUL	800	PY900MDW	2,019	PY900MULDW	2,050
1000	PY1000M	809	PY1000MUL	832	PY1000MDW	2,104	PY1000MULDW	2,135

### DIMENSIONAL CHART DRAWINGS REFERENCE

SIZE CATEGORY	TANK SIZE	MANUAL (BASIC & U/L) SINGLE WALL	MANUAL (BASIC & U/L) DOUBLE WALL	RUPTURE BASIN (150% Inner Tank Capacity)	RUPTURE BASIN (200% Inner Tank Capacity)
A	10—25	DT-15	DT18	DT-25	DT-28
B	50—150	DT-16	DT-19	DT-26	DT-29
C	200—1000	DT-17	DT-20	DT-27	DT-30

See Page DT-1 For U/L Listed Emergency Vent Sizing

Pryco TRIM Day Tanks have the same standard features (see below) as its Standard Day Tank counterpart, but has a smaller footprint. Trim tanks come in either a U/L Listed (Label 142) or a basic, non-U/L Listed version. The U/L Listed tanks have additional internal reinforcement, an emergency vent properly sized to the tank, and a U/L Listed label (Label 142, File #MH12807 - Aboveground Tank for Flammable Liquids) .



Shown above is a 100-Gallon Trim Day Tank (PY100T) with a Weatherproof U/L Listed Rupture Basin.

Pryco Tanks are fabricated of heavy gauge steel by certified welders and are tested accordingly.

See page DT-1 regarding Tank Venting,

This series of tanks can be U/L Listed (see page DT-1).

### DOUBLE WALL TANKS and RUPTURE BASINS

Please refer to sidebar on page DT-3 - Secondary Containment.

### STANDARD FEATURES

Removable 6½" Square Inspection Plate w/Gasket
Fuel Level Gauge
Heavy Duty Float Switch
"Press-to-Test" Switch
"Pump Running" Indicator Light
1/3 hp Thermally Protected, 120vac, 1ph, 60hz, Motor
2 gpm Bronze Gear Pump w/Stainless Steel Shafts
Threaded Pipe Connections for: <ul style="list-style-type: none"><li>• Four - 1" NPT Threaded Pipe Connections</li><li>• One - 2" NPT Threaded Pipe Connection for Tank Vent</li><li>• Tank Drain (Sized To Tank Capacity)</li><li>• If Double Wall Secondary Containment, Add:<ul style="list-style-type: none"><li>• An Atmospheric Vent</li><li>• An Emergency Vent (If U/L Listed)</li><li>• Drain For Secondary Containment Area</li></ul></li></ul>
Removable Top Cover
Epoxy Coating Inside
Pryco (Medium) Gray Exterior Paint (or an Industrial Color of Choice)



This is a 60-Gallon Trim, Double Wall, U/L Listed, Day Tank (PY60TULDW) without its cover. With cover, it is 61" tall, 42" wide. Its depth of only 16" includes the 3" double wall area that surrounds the inner tank.



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# TRIM DAY TANKS

## SINGLE-WALL

TANK SIZE [1]	BASIC SERIES		U/L LISTED SERIES			RUPTURE BASIN [2]
	MODEL CODE	WEIGHT (Lbs)	MODEL CODE	U/L VENT	WEIGHT (Lbs)	WEIGHT (Lbs)
10	PY10T	113	PY10TUL	2"	117	73
25	PY25T	137	PY25TUL	2"	141	101
50	PY50T	216	PY50TUL	2"	220	142
60	PY60T	224	PY60TUL	3"	231	159
75	PY75T	232	PY75TUL	3"	239	175
100	PY100T	248	PY100TUL	3"	255	194

## DOUBLE-WALL

TANK SIZE [1]	BASIC SERIES		U/L LISTED SERIES			RUPTURE BASIN [2]
	MODEL CODE	WEIGHT (Lbs)	MODEL CODE	U/L VENT	WEIGHT (Lbs)	WEIGHT (Lbs)
10	PY10TDW	220	PY10TULDW	2"	225	73
25	PY25TDW	276	PY25TULDW	2"	281	114
50	PY50TDW	440	PY50TULDW	2"	445	148
60	PY60TDW	460	PY60TULDW	3"	469	164
75	PY75TDW	479	PY75TULDW	3"	488	184
100	PY100TDW	517	PY100TULDW	3"	526	212

## DIMENSIONAL CHART DRAWINGS REFERENCE

TANK SIZE	TRIM (BASIC & U/L) SINGLE WALL	TRIM (BASIC & U/L) DOUBLE WALL	RUPTURE BASIN (150% Inner Tank Capacity)	RUPTURE BASIN (200% Inner Tank Capacity)
10	DT-21	DT-23	DT-31	DT-33
25—100	DT-22	DT-24	DT-32	DT-34

[1] - Tank sizes in US Gallons.

[2] - Rupture Basin Data In Addition To Day Tank



**See Page DT-1 For U/L Listed Emergency Vent Sizing**

All of Pryco's day tanks (including double walled versions) may be fitted within an open-top, secondary container or dike, referred to at Pryco as a Rupture Basin. All Rupture Basins are U/L Listed - #MH12807, "Open Top Diked Aboveground Tank for Flammable Liquids".

Rupture Basins are available in either 150% (option #385) or 200% (option #386) models. Both are sized according to the accompanying inner-most day tank.

Rupture Basins, like all Pryco Tanks, are fabricated of heavy gauge steel by certified welders. Since a Rupture Basin is open-dike, it cannot be pressure tested.

Each Rupture Basin has a 1" NPT drain and a ½" NPT Threaded Pipe Connection for an optional #295 or #395 Leak Detector. Also as an option (#341), the inner tank drain may be piped through the outer shell. The Rupture Basins are painted Pryco (medium) Gray or an industrial color of choice.

A Weatherproof Cover (Option # 335RB) with a plexi-glass inspection port may be included to preserve the integrity of a dry container, especially when an optional leak detector is installed.



Above is a weatherproof, 200% Rupture Basin for this Double-Wall Day Tank. Another one is shown on page DT-5 with a Trim Day Tank.

## LOCAL BUILDING and FIRE CODES

Most municipalities have codes governing day tanks. Some are listed in the Options section of this manual. Check for local codes in your area.

## SEISMIC REINFORCEMENT

All of Pryco's Day Tanks can be fitted with seismic reinforcement. Ask for specifications of the earthquake versions of our tanks.



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## SECONDARY CONTAINMENT RUPTURE BASINS for DAY TANKS

150% RUPTURE BASINS			TANK SIZE (U.S. GAL)	200% RUPTURE BASINS		
OPTION CODE	WEIGHT (Lbs) Standard & Manual Day Tanks	WEIGHT (Lbs) Trim Day Tanks		OPTION CODE	WEIGHT (Lbs) Standard & Manual Day Tanks)	WEIGHT (Lbs) Trim Day Tanks
FACTORY	67	n.a.	5	FACTORY	102	n.a.
385/01	76	58	10	386/01	87	77
385/02	86	n.a.	15	386/02	87	n.a.
385/03	93	123	25	386/03	108	105
385/04	161	135	50	386/04	169	169
385/05	172	165	60	386/05	183	183
385/06	198	182	75	386/06	207	210
385/07	223	206	100	386/07	249	247
385/08	274	n.a.	150	386/08	325	n.a.
385/09	396	n.a.	200	386/09	457	n.a.
385/10	468	n.a.	275	386/10	531	n.a.
385/11	485	n.a.	300	386/11	537	n.a.
385/12	537	n.a.	400	386/12	603	n.a.
385/13	640	n.a.	500	386/13	652	n.a.
385/14	718	n.a.	600	386/14	694	n.a.
385/15	785	n.a.	700	386/15	743	n.a.
385/16	854	n.a.	800	386/16	791	n.a.
385/17	911	n.a.	900	386/17	840	n.a.
385/18	992	n.a.	1000	386/18	888	n.a.

### NOTES

1. The minimum capacity of secondary containment is based upon either 150% or 200% of the capacity of the inner-most tank. For example, Option #385/09, a 150% Rupture Basin for a 200 gallon day tank, has a minimum capacity of 300 gallons; whereas, Option #386/09, a 200% Rupture Basin for a 200 gallon day tank, will hold at least 400 gallons.
2. A single wall day tank will fit in either a 150% or a 200% Rupture Basin. A double wall day tank will only fit within a 200% Rupture Basin.

DIMENSIONAL CHART DRAWINGS REFERENCE				
DAY TANK SIZE	RUPTURE BASIN (BASIC & U/L) - 150%		RUPTURE BASIN (BASIC & U/L) - 200%	
	Standard & Manual	Trim Tanks	Standard & Manual	Trim Tanks
10—25	DT-25	31	DT-28	33
50—150	DT-26	32	DT-29	34
200—1000	DT-27	n.a.	DT-30	n.a.



Generalized Drawings for all Pryco day tanks and rupture basins may be downloaded in PDF format from our website [www.Pryco.com](http://www.Pryco.com)