

# Packaged Design Day Tank Systems

for diesel/fuel oil application

providing a reliable

fuel source for

diesel and turbine

engine driven

equipment and

oil fired boilers

model & accessory source guide

Price List 8A3056MK Effective October 23, 2009 Supersedes 8A3056MJ Effective June 30, 2008

## Day Tank Source Guide

Price Book #8A3056MK  
 Prices Effective October 23, 2009  
 Prices FOB Springfield, Illinois  
 Prices subject to change without notice

### To order specify:

- Quantity
- Basic tank model
- Optional equipment by number
- Be sure to include all pertinent information such as voltage ratings

### Colors

Tank Section: White  
 Removable Top: Blue  
 (Top cover not supplied with SMT Series)



**WARNING:** Do not fill with gasoline. This Day Tank is not meant for use with gasoline nor with other flammable liquids having a flash point less than 100°F. Use with gasoline or use with any flammable liquids at a temperature exceeding the flash point of that liquid, presents an immediate explosion and fire hazard. Do not use the Day Tank at a temperature exceeding the flash point of its contents.

## Standard Features

### SMT/SRM Series Manual Day Tank

SMT/SRM Series Manual Tank, for use as basic storage tank only, including manual fuel fill port, and mechanical level gauge only (removable equipment cover deleted); limited options available.

SMT Series include 10 and 25 gallon sizes only.

SRM Series Day Tanks (50-400 gallon) include UL 142 double-walled secondary containment.

## Codes and Standards

### UL Listings:

- All SST/SRS Series Tanks include UL 508 listed level controller.
- All tanks include UL 142 label, listed as primary or diked tank

City of Chicago approval #E9135, #E9136

L.A.F.D. Approval: Los Angeles Fire Department approved day tanks—use SST/SRS Series Day Tank

Wisconsin approval #940065U

### SST/SRS Series Day Tank

SST/SRS Series features provided as standard equipment include: pump, pump control, level control, backup level control, level alarms, alarm outputs, and provisions for extensive options. SRS Series Day Tanks include UL 142 double-walled secondary containment.

### Standard Equipment

#### Control Functions

##### UL 508 Level Controller

120V AC or 24V DC

- “Auto-Off-Manual” pump control mode switch
- “Press-to-test” pump push-button
- Pump start-stop automatic level control
- Pump overflow control backup

#### Indication Functions

*Indicators are long life, extra-bright, large display, L.E.D.'s*

- Fuel level
- Power available
- Switch off (flashing)
- Pump running
- Low level alarm
- High level alarm
- Overflow alarm/pump control backup activated

#### Outputs

- Pump start-stop (1 HP)
- Low level alarm (60W)
- High level alarm (60W)

#### Super-XL Pump

- 2 GPM pump and 1/3 HP 115-1-60V motor with overload protection

**Basic List Prices**

Capacity (Gallons) Rectangular: 10–400 Cylindrical: 500–2500		SST SERIES UL Labeled (UL 142, UL 508)	SMT/SRM SERIES UL Labeled (UL 142)	SRS SERIES UL Labeled (UL 142, UL 508)
<b>RECTANGULAR</b>	10	2,371.00	1,196.00	-
	25	2,619.00	1,395.00	-
	50	-	3,012.00	4,553.00
	75	-	3,704.00	5,782.00
	100	-	4,522.00	6,929.00
	150	-	6,183.00	8,006.00
	200	-	7,436.00	9,436.00
	275	-	8,794.00	10,728.00
	325	-	9,564.00	11,756.00
	400	-	12,009.00	13,687.00
<b>CYLINDRICAL</b>	500	-	7,892.00	9,043.00
	600	-	9,472.00	10,620.00
	800	-	12,455.00	13,603.00
	1000	-	13,500.00	14,649.00
	1200	-	14,201.00	17,790.00
	1400	-	16,378.00	18,713.00
	1500	-	16,659.00	19,125.00
	1800	-	17,407.00	20,064.00
	2000	-	17,728.00	20,665.00
	2500	-	21,299.00	21,948.00

To DELETE standard pump from basic price, SPECIFY OPTION X002 AND DEDUCT \$ 647.00 LIST FROM BASIC LIST PRICE.

**FOR REMOTE PUMPING UNIT**

Use Option X002 and use Price Book 4A60408I, *Packaged Pump Sets, SPS Series: Enclosed Design, SKS Series: Skid Design.*

**L.A.F.D. Approval:** Los Angeles Fire Department approved day tanks—use “UL labeled” SST/SRS Series Day Tank.

If desired, add these recommended options:

For single pump tanks, add options 010, 025, 060, 065, 080, 090, for total list price adder of ..... 1,256.00

For duplex pump tanks, add options 010, 025, (2)060, 065, (2)080, 090, for a total list price adder of ..... 1,882.00

**Basic List Prices**

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APPLICATION CODE:  
 X = AVAILABLE OPTION  
 O = NOT AVAILABLE THIS LINE  
 S = SUPPLIED STANDARD ON THIS LINE

SST/SRS: SIMPLEX DAY TANK LINE TO 2500 GALLONS  
 SMT/SRM: SIMPLEX MANUAL TANK LINE




 = RECOMMENDED

# = SEE APPLICATION FOOTNOTES ON PAGE 12

## Mechanical Options

Option	Application Code		Description	
	SST/SRS	SMT/SRM		
010 <sup>1</sup>	X	X	Auxiliary hand pump, piston type, 1 GPM capacity. Self-primers to 6 meters (20 feet) of lift. Includes hand pump check valve and hand valve, 1/2" NPT (Side mounted).	291.00
 015 <sup>1</sup>	X	X	Auxiliary hand pump, piston type, 20 gallons per 100 strokes. Self-primers to 6 meters (20 feet) of lift. Includes hand pump check valve and hand valve, 1" NPT (Side mounted).	810.00
025	X	X	Manual fuel fill cap, 2", lockable.	194.00
040	X	X	Wall-mounting brackets a) 10 and 25 gallon models with rupture basin (order Option 190 separately) b) 10 and 25 gallon models without rupture basin	242.00 176.00
050	X	X	Pipe stand adapter to raise tank above floor (Pipe legs to be supplied by others). a) 10, 25 gallon models b) 50, 75, 100 gallon models c) 150, 275 gallon models d) 325, 400 gallon models	316.00 399.00 959.00 1,453.00
 060 <sup>2</sup>	X	X	Fuel strainer a) For use with standard 2-5 GPM pumps b) For use with optional 7-25 GPM pumps (options 400-428) c) For use with pumps larger than 25 GPM (options 428-432)	151.00 205.00 251.00
062	X	X	Duplex strainer with selector valve. No break transfer. Inactive strainer may be removed for cleaning. Shipped loose. a) 1" NPT b) 1 1/2" NPT c) 2" NPT	2,468.00 4,567.00 7,589.00
063	X	X	Vent cap. Shipped loose for installation at outdoor vent termination. Downdraft design sheds water. Screened against insects. (For 100 gallon models and larger, order Emergency Vent #064 also.) a) 10-25 gallon models (1 1/2" NPT) b) 50 gallon and larger models (2" NPT)	162.00 237.00
064	X	X	Emergency vent. For use with 50 through 2500 gallon tanks. For relief of pressure only, to provide high capacity venting in the event of fire. Installed on tank. Two required for double-wall tanks, 100 gallon and larger. a) 4" (50-600 gallon) b) 6" (800-2500 gallon)	488.00 583.00
065	X	X	Drain hand valve in lieu of plugged fitting (includes siphon-drain piping, 10-400 gallon) a) 10 and 25 gallon models, 1/2" NPT, bronze b) 50 through 400 gallon models, 3/4" NPT, bronze c) 500 through 2500 gallon models, 1" NPT, bronze d) 10 and 25 gallon models, 1/2" NPT, fire rated e) 50 through 400 gallon models, 3/4" NPT, fire rated f) 500 through 2500 gallon models, 1" NPT, fire rated	44.00 84.00 107.00 170.00 302.00 400.00
067	X	X	Flame arrestor vent, 2"	925.00
068	X	O	Emergency quick-drain. Provides emergency gravity draining of day tank back to main tank via existing plumbing on remote signal (from fire alarm, manual switch, etc.) Drains 100% of day tank capacity at nominal rate of 10 gallons per minute. Disables automatic refill control. Includes N.C., manual reset electrically operated valve which trips open on signal and requires manual reset. Includes manual reset circuit breaker on automatic refill control which trips open on signal and requires manual reset. Includes alarm indicator and remote alarm contacts. Includes manual drain. (Not for use with #390, 383) Consult Simplex.	2,451.00
 070 <sup>3</sup>	X	O	Priming tee and check valve assembly, consisting of pump priming tee, fuel line priming tee and check valve. Two included with option 345, duplex system. a) For use with 2-17GPM pumps b) For use with option 417; 25GPM pump and larger	151.00 209.00

## Mechanical Options continued

Option	Application Code SST/SRS SMT/SRM	Description	
 080 <sup>3</sup>	X O	Solenoid valve on pump intake to prevent loss of pump prime or tank flooding. For AC systems. Specify voltage. (Two required with duplex pump options.) Fuel strainer #060 recommended with this option.	
		a) 1/2" NPT, for use with standard 2-5 GPM pumps.....	520.00
		b) 3/4" NPT, for use with option 400, 410, 415: 7, 10, 17 GPM pumps.....	540.00
		c) 1" NPT.....	1,152.00
		d) 1 1/4" NPT, for use with option 417: 25 GPM pump.....	1,242.00
		e) 2" NPT.....	1,574.00
 083 <sup>3</sup>	X O	Solenoid valve, as above, for DC systems. Specify voltage.	
		a) 1/2" NPT.....	670.00
		b) 3/4" NPT.....	1,035.00
		c) 1" NPT.....	1,274.00
087	X X	Manual shut-off valve, ball type	
		a) 1/2", bronze.....	44.00
		b) 3/4", bronze.....	84.00
		c) 1", bronze.....	107.00
		d) 2", bronze.....	167.00
		e) 3", bronze.....	533.00
088	X X	Manual shut-off valve, ball type	
		a) 1/2", fire rated.....	170.00
		b) 3/4", fire rated.....	302.00
		c) 1", fire rated.....	400.00
		d) 2", fire rated.....	455.00
		e) 3", fire rated.....	678.00
 090 <sup>3</sup>	X X	Foot valve to prevent loss of pump prime, shipped loose.	
		a) 1" NPT.....	106.00
		b) 1 1/2" NPT.....	180.00
		c) 2" NPT.....	210.00
093	X X	Fusible link valve, self-closing when acted upon by 165°F or greater. Supplied loose for remote installation or installed on tank as specified,	
		a) 1 1/2" NPT.....	818.00
		b) 2" NPT.....	992.00
		c) 3" NPT.....	1,510.00
095	X O	Pressure relief valve.	
		a) For use with standard 2 GPM pump or option 420, 422: 3, 5 GPM pumps.....	271.00
		b) For use with option 400, 410, 415: 7, 10, 17 GPM pump.....	323.00
		c) For use with option 417: 25 GPM pump.....	455.00
100	X O	Pressure gauge with isolation valve, installed on pump outlet; oil filled	
		a) 2".....	221.00
		b) 4".....	263.00
101	X O	Vacuum gauge with isolation valve, installed on pump inlet; oil filled	
		a) 2".....	221.00
		b) 4".....	263.00
103	X O	Flow gauge, in line with pump, to 30GPM.....	759.00
104	X X	Ball motion flow indicator.....	385.00
105	X X	Temperature Gauge.....	221.00
120	X X	Extra 1" NPT pipe connections on tank (specify quantity, location and use).....	174.00

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## Mechanical Options continued

Option	Application Code		Description	
	SST/SRS	SMT/SRM		
125	X	X	Extra supply suction tube.	
			a) 1/2" NPT .....	174.00
			b) 3/4" NPT .....	216.00
			c) 1" NPT .....	281.00
			d) 1 1/2" NPT .....	361.00
			e) 2" NPT .....	454.00
130	X	X	Oversize pipe connections, 1 1/4" to 2 1/2" NPT. (specify quantity, location and use) .....	242.00
131	X	X	Oversize pipe connections, 3" to 6" NPT. (specify quantity, location and use) .....	389.00
140	X	X	Special, nonstandard paint color. Tinting of our standard latex or enamel paints only. See below for optional coatings.....	350.00
141	X	X	Epoxy primer, centuron finish exterior coating. Specify color. Double price when overflow basin option included (10 and 25 gallon models only).	
			a) 10 through 100 gallon models.....	630.00
			b) 150 through 600 gallon models.....	1,476.00
			c) 800 through 2500 gallon models.....	2,409.00
180	X	O	Weatherproof Modification—same as standard with addition of complete gasketing and hinged clear plexiglass cover over control panel. NEMA 3R. ....	548.00

## Tank Containments/Rupture Basins

### Diked Aboveground Tank for Flammable Liquids UL Listed

190	X	X	10 and 25 gallon models, rectangular tank, overflow basin. Open top basin encircles day tank to contain 150% of tank capacity in event of leaks, high pressure rupture, external damage to tank. Includes drain. (200% of tank capacity contact Simplex.)	
			a) 10 gal. ....	957.00
			b) 25 gal. ....	1,114.00
50–400 gallon models, rectangular, UL 142 double-walled secondary containment included.				
500–2500 gallon models, cylindrical tank, UL 142 double-walled secondary containment included.				

**Mechanical Options continued**

Option	Application Code		Description	
	SST/SRS	SMT/SRM		
191	X	X	Addition to option 190: Float switch in containment to sense day tank rupture and activate alarm indicator, close contact for remote alarm (3A) and stop day tank pump. ....	371.00
192	X	X	Containment drain hand valve	
			a) ½ ", bronze.....	44.00
			b) ½ ", fire rated .....	170.00
195	X	X	Screen for top of rupture basin to prevent intrusion of debris. Removable.	
			a) 10 and 25 gallon models .....	253.00
196	X	X	Weatherproof cover for rupture basin.	
			10 and 25 gallon models only (not required for 50–2500 gallon models).	
			a) 10 gal.....	634.00
			b) 25 gal.....	634.00

**Control Devices and Alarms**

260	X	O	Disconnect switch with door interlock for main power inlet connection. Guarded terminals for line connections, pad lockable handle mechanism interlocked to prevent opening of door until switch is turned "off." .....	302.00
261	X	O	"On-Off" day tank system circuit breaker with short circuit trips. Mounted on day tank.	
			a) For use with standard and optional single phase, AC motors; DC motors .....	194.00
			b) For use with optional 3-phase, AC motors .....	487.00
262	X	O	50VA, 480/240/208: 120, single phase, control power transformer.....	388.00
265	X	X	Day tank heater, 120V, immersion type, thermostatically controlled. Includes low level cutout. ....	1,291.00
270	S	O	Power available green pilot light .....	104.00
280	S	O	"Pump Run-Off-Automatic" operation mode selector switch.....	291.00
285	X	O	Loss of flow alarm. Sensor detects fuel flow from pump and activates alarm if flow is lost while pump is running. Adjustable sensitivity and time delay. (For option 345: Duplex Systems, order two.) .....	991.00
295	S	X	Remote low fuel level alarm dry signal contacts. Provided by separate float switch sensing at 25% of day tank fuel capacity. For use in activation of solid-state annunciator circuits, lamps, small relays. 20VA to 50V DC/240V AC .....	174.00
297	S	X	Remote high fuel level alarm dry signal contacts. Provided by separate float switch sensing at 95% of day tank fuel capacity. For use in activation of solid-state annunciator circuits, lamps, small relays. 20VA to 50V DC/240V AC .....	174.00
299	S	O	Auxiliary relay for use with options 295 and 297 above. Used to interface float switch signal to high current device. 3 PDT, 10A, 240V AC. Specify coil voltage .....	144.00
311	S	O	Local/remote low fuel level alarm. Consists of red alarm light on day tank control panel plus dry signal contacts for remote alarm. Activated by separate float switch sensing 25% of day tank fuel capacity. Dry contacts are 3 PDT rated 10A, 30V DC/240V AC. Specify coil voltage.....	431.00





## Control Devices and Alarms continued

Option	Application Code		Description	
	SST/SRS	SMT/SRM		
312	S	O	Local/remote high fuel level alarm. Consists of red alarm light on day tank control panel plus dry signal contacts for remote alarm. Activated by separate float switch sensing 95% of day tank fuel capacity. Dry contacts are 3 PDT rated 10A, 30V DC/240V AC. Specify coil voltage .....	431.00
325	S	O	High fuel level emergency pump-stop switch with local and remote alarm.....	646.00
326	O	O	High level cutout. Float switch to disable pump control contactor .....	174.00
329	X	O	Low fuel level red light to indicate low fuel in the remote main storage tank. Consists of panel mounted light and terminal block only. Others to supply signal. Specify voltage.....	104.00
333	X	O	Critical low fuel level alarm-engine shut down. To prevent loss of engine fuel prime from air ingestion due to loss of day tank fuel level. When day tank fuel level reaches imminent failure point, (approximately 1" above engine suction point) separate float switch in day tank closes, providing signal to engine for shutdown, signal for remote annunciator, activation of alarm light on day tank control panel. ....	431.00
334	X	O	Alarm horn installed on day tank.....	324.00
340	S	O	"Pump Running" amber light .....	104.00

## Duplex Pump Systems

Duplex pump options are used to increase the reliability of a day tank system through the addition of a second, backup pump and level control. In a duplex system, one pump is designated the "lead" pump and the other is the "lag" pump. The lead pump automatically refills the day tank over the tank's normal operating range of 50% to full. Normally, once the tank has been initially filled, the fuel level should never drop below 50%. Less than 50% is indicative of either a failure of the lead pump or consumption in excess of pump capacity. The lag pump and its separate level controller, acting as a backup senses a drop in fuel level below 50% and starts the lag pump, which then continues to run, along with the lead pump, until the tank is full.

When ordering, remember that duplex systems include two motor-pumps and therefore require a quantity of two of any option related to the motor or pump, such as solenoid valves, strainers, etc.

345	X	O	Multifunction duplex pump controller system providing selectable operating modes, including: <ul style="list-style-type: none"> <li>• Automatic lead pump alternating with automatic lag pump backup</li> <li>• Automatic alternating, automatic lag pump backup</li> <li>• Automatic twin pump operation (both pumps run simultaneously) automatic level control backup</li> <li>• Manual operation</li> </ul> Basic System includes the following: <ul style="list-style-type: none"> <li>• All SST controller features</li> <li>• Mode selector switch</li> <li>• Pump running indicators for each pump</li> <li>• Two 1/3 HP, 120V, 2 GPM pumps, with check valves .....</li> </ul>	1,930.00
346	X	O	Running time meter, one for each pump. (Order two for option 345: Duplex Pump Systems.) .....	255.00
347	X	O	Manual duplex pump selector switch. Used to select one of two pumps or both pumps for automatic operation. In single pump mode, off-line pump not available for automatic operation. Includes: <ul style="list-style-type: none"> <li>• Selector switch with positions "pump-1," "pump-2," "both"</li> <li>• Pump running lights</li> <li>• Two 1/3 HP, 120V, 2 GPM pumps, with check valves .....</li> </ul>	1,202.00
349	X	O	Basic PLC based level and duplex pump controller replaces basic SST controller and duplex relay board .....	2,822.00






## Gravity Fed Day Tanks — SST/SRS Series

Option Application Code  
SST/SRS SMT/SRM Description

A day tank will be gravity-siphon fed when:

- The main tank is above the day tank.
- The main tank is on the approximate same grade as the day tank and the level in the main tank is at times above the level in the day tank and/or supply piping runs overhead.

If any of these conditions exists, a positive fuel shut-off automatic control must be added to the day tank. Simplex recommends options 060, 080, 087, 376, 377, and 190/191 for all gravity-fed systems. Add options 383, 390, and 170 if desired as an added precaution. Normally, the standard pump is retained on the day tank to permit automatic priming of the line and to overcome pipe friction. Delete pump option (X002) only if system is self-priming and gravity flow is adequate rate to refill tank.

					<b>060,</b>
					<b>080,</b>
		<b>087</b>	X X	Solenoid valve, with fuel strainer, on intake to prevent tank flooding .....	see pages 4 & 5
		<b>376</b>	X X	Manual reset, normally open, electrically operated valve. Tripped "closed" by contacts of high level alarm. Requires manual reset/opening. "Overflow"/"Fill valve tripped" alarm indicators and contact activate.	
				a) 3/4" .....	1,341.00
				b) 1" .....	1,672.00
				c) 1 1/2" .....	2,164.00
		<b>377</b>	X O	Siphon-break solenoid valve assembly for remote installation. N.O., 1/4" valve installed in tee at highest point of supply line. Used to break siphon when open, make siphon when closed, includes plumbing 'T' and isolating ball-valve. Connected to tank level controller to energize (close) whenever fuel required.....	455.00
		<b>378</b>	X O	Anti-siphon valve, adjustable type for suction side service.	
				a) 1 1/2" .....	979.00
				b) 2" .....	979.00
		<b>383</b>	X O	Overflow-return tank: Tank designed to <b>automatically drain only</b> in order to return overflow from adjacent day tank to remote main tank. Includes all features of a standard SST Day Tank, except level controller arranged for <b>automatic and full draining</b> . Pump starts at 20% and stops at virtual empty level. Overflow alarm activates at 30%. Includes pump suction tube, check valve to prevent back flow. ....	Same price as standard SST/SRS model. Add optional pumps as required.
		<b>390</b>	X O	Overflow return pump and controller added to standard day tank. Use this option for gravity-siphon fed day tanks or whenever the day tank overflow line runs above the day tank. Adds second pump which functions solely as overflow return pump (first pump remains as fill pump). Activates at overflow-alarm point and pumps down to 75%. Overflow control includes "overflow-return" "pump armed" and "overflow-return pump running" indicators, and test push-button. "Overflow" alarm activates and latches, but day tank automatic refill capability is maintained. Option price includes standard 2 GPM, 115-1-60 pump and check valve. To add higher capacity pumps, refer to optional pumps and motors below.....	1,683.00
		<b>190,</b>			
		<b>191</b>	X X	Overflow basin and overflow alarm .....	see page 6
		<b>215</b>	X S	Mechanical dial level gauge (standard on SMT/SRM Day Tanks) .....	179.00
		<b>067</b>	X X	Flame arrestor vent, 2" .....	925.00

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## Digital Level Indicators and Gauges

Option	Application Code SST/SRS SMT/SRM		Description	
214	X	O	Fuel flow indicator, digital, 6-digit: displays instantaneous fuel flow and totalizes flow .....	4,504.00
215	X	S	Mechanical dial level gauge .....	173.00
TC-25	X	O	Digital level indicator, 115V AC, for local or remote installation with 4-20mA output .....	1,688.00
226	X	O	Nema 4X, poly construction, wall mount enclosure for TC-25 (indicator installed) .....	217.00
227	X	O	NEMA 3R Steel enclosure for use with TC-25 .....	408.00

## Fuel Oil Coolers (installed in return line)

396	X	O	Radiator with electric fan, flow switch, installed and wired on day tank .....	5,550.00
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## Pumps and Motors

**Note: Following optional pumps and motors are in lieu of and add to basic unit prices. Do not subtract price of pump and motor included in basic price. Pump capacity at 1725 RPM. 50 Hz operation reduces capacity to 83%.**

### Super XL Pumps

399	X	O	2 GPM pump (this is the standard pump included in basic price) .....	N/C
400	X	O	7 GPM highlift pump in lieu of 2 GPM basic unit pump. Requires a 1/2 HP motor not included in price. 3/4" NPT .....	417.00
410	X	O	10 GPM highlift pump in lieu of 2 GPM basic unit pump. Requires a 3/4 HP motor not included in price. 3/4" NPT .....	534.00
415	X	O	17 GPM highlift pump in lieu of 2 GPM basic unit pump. Requires a 1 HP motor not included in price. 3/4" NPT .....	1,052.00
417	X	O	25 GPM highlift pump in lieu of 2 GPM basic unit pump. Requires a 1 1/2 HP motor not included in price. 1" NPT inlet, 3/4" NPT outlet .....	1,554.00

### Series 420 Pumps

High performance cast iron/steel rotor pump for use with heavy fuel or continuous circulation systems where pump runs virtually nonstop. HP is minimum motor size. UL Listed. Consult Simplex for specific applications at 50 psi.

418	X	O	1.8 GPM, Standard 1/3 HP .....	1,035.00
420	X	O	3 GPM, 1/2 HP .....	1,035.00
422	X	O	5 GPM, 3/4 HP .....	1,202.00

### Series 500 Pumps

High performance cast iron/steel rotor pump for use with heavy fuel or continuous circulation systems where pump runs virtually nonstop. HP is minimum motor size. Consult Simplex for specific applications at 50 psi.

501	X	O	1 GPM, Standard .....	560.00
503	X	O	3 GPM, Standard .....	588.00
505	X	O	5 GPM, 1/2 HP .....	605.00
510	X	O	10 GPM, 3/4 HP .....	1,214.00
520	X	O	17 GPM, 1 HP .....	1,280.00
530	X	O	25 GPM, 1 1/2 HP .....	1,494.00
540	X	O	35 GPM, 2 HP .....	1,546.00

## Pumps and Motors continued

Option Application Code  
SST/SRS SMT/SRM Description

600	X	O	1/3 HP, 115V AC, single phase, 60 Hertz motor (this is the standard motor <u>included</u> in basic price) ..... N/C
605	X	O	1/3 HP, 230V AC, single phase, 60 Hertz motor, ODP .....260.00
615	X	O	1/3 HP, 110V AC, single phase, 50 Hertz motor, ODP .....518.00
616	X	O	1/3 HP, 220V AC, single phase, 50 Hertz motor, ODP .....518.00
621	X	O	1/3 HP, 230/460V AC, 3-phase, ODP motor with starter. Specify voltage..... 1,291.00
622	X	O	1/3 HP, 230/460V AC, 3-phase, TEFC motor with starter. Specify voltage. ....1,574.00
630	X	O	1/3 HP, 12V DC motor. ....1,366.00
635	X	O	1/3 HP, 24V DC motor. ....1,366.00
645	X	O	1/3 HP, 115V AC, single phase, 60 Hertz motor, TEFC.....568.00
700	X	O	1/2 HP, 115V AC, single phase, 60 Hertz motor, ODP .....239.00
705	X	O	1/2 HP, 230V AC, single phase, 60 Hertz motor, ODP .....319.00
715	X	O	1/2 HP, 110V AC, single phase, 50 Hertz motor, ODP .....691.00
716	X	O	1/2 HP, 220V AC, single phase, 50 Hertz motor, ODP .....691.00
721	X	O	1/2 HP, 230/460V AC, 3-phase, ODP motor with starter. Specify voltage. ....1,408.00
722	X	O	1/2 HP, 230/460V AC, 3-phase, TEFC motor with starter. Specify voltage. ....1,822.00
730	X	O	1/2 HP, 12V DC motor .....1,366.00
735	X	O	1/2 HP, 24V DC motor. ....1,406.00
745	X	O	1/2 HP, 230/115V AC, single phase, 60 Hertz motor, TEFC.....750.00
768	X	O	Single phase magnetic motor starter with overload relay. Includes disconnect switch with short circuit protection. For 115V AC or 230V AC, single phase, motors. Supplied installed on day tank. ....1,326.00
770	X	O	3-phase magnetic motor starter with overload relay. Includes disconnect switch with short circuit protection. For 230V AC or 460V AC, 3-phase, motors. Supplied installed on day tank. ....1,326.00
800	X	O	3/4 HP, 115V AC, 60 Hertz, single phase motor, ODP .....792.00
805	X	O	3/4 HP, 230V AC, 60 Hertz, single phase motor, ODP .....792.00
822	X	O	3/4 HP, 230/460V AC, 60 Hertz, 3-phase motor, TEFC, with motor starter. Specify voltage. ....1,898.00
825	X	O	3/4 HP, 230/460V AC, 60 Hertz, 3-phase motor, with motor starter, ODP Specify voltage. ....1,484.00
845	X	O	3/4 HP, 115/230V AC, 60 Hertz, single phase motor, TEFC. Specify voltage. ....1,333.00
900	X	O	1 HP, 115V AC, 60 Hertz, single phase motor, ODP .....919.00
905	X	O	1 HP, 230V AC, 60 Hertz, single phase motor, ODP .....919.00
922	X	O	1 HP, 230/460V AC, 60 Hertz, 3-phase motor, TEFC, with motor starter. Specify voltage. ....1,912.00
925	X	O	1 HP, 230/460V AC, 60 Hertz, 3-phase motor, with motor starter, ODP Specify voltage. ....1,402.00
945	X	O	1 HP, 115/230V AC, 60 Hertz, single phase motor, TEFC. Specify voltage. ....1,460.00

### Optional motors requiring SPS/SKS Pump Set when used with 10 through 400 gallon models

1000	X	O	1 1/2 HP, 115V AC, 60 Hertz, single phase motor, ODP .....945.00
1005	X	O	1 1/2 HP, 230V AC, 60 Hertz, single phase motor, ODP .....945.00
1022	X	O	1 1/2 HP, 230/460V AC, 3-phase, 60 Hertz, TEFC, with motor starter. Specify voltage.....1,928.00

APPLICATION CODE:  
 X = AVAILABLE OPTION  
 O = NOT AVAILABLE THIS LINE  
 S = SUPPLIED STANDARD ON THIS LINE

SST/SRS: SIMPLEX DAY TANK LINE TO 2500 GALLONS  
 SMT/SRM: SIMPLEX MANUAL TANK LINE

 = RECOMMENDED

# = SEE APPLICATION FOOTNOTES ON PAGE 12

## Pumps and Motors continued

Option Application Code  
 SST/SRS SMT/SRM Description

1025	X	O	1½ HP, 230/460V AC, 3-phase, 60 Hertz, with motor starter, ODP. Specify voltage .....	1,509.00
1045	X	O	1½ HP, 115/230V AC, single phase, 60 Hertz, TEFC. Specify voltage .....	1,492.00
1100	X	O	2 HP, 115V AC, 60 Hertz, single phase motor, ODP.....	1,314.00
1105	X	O	2 HP, 230V AC, 60 Hertz, single phase motor, ODP.....	1,314.00
1122	X	O	2 HP, 230/460V AC, 3-phase, 60 Hertz, with motor starter, TEFC. Specify voltage .....	857.00
1125	X	O	2 HP, 230/460V AC, 60 Hertz, 3-phase motor with motor starter, ODP. Specify voltage.....	1,314.00
1145	X	O	2 HP, 115/230V AC, 60 Hertz, single phase motor, TEFC .....	1,570.00
1200	X	O	3 HP, 115V AC, 60 Hertz, single phase motor, ODP.....	1,460.00
1205	X	O	3 HP, 230V AC, 60 Hertz, single phase motor, ODP.....	1,460.00
1225	X	O	3 HP, 230/460V AC, 60 Hertz, 3-phase motor with motor starter, ODP. Specify voltage.....	1,460.00
1305	X	O	5 HP, 230V AC, 60 Hertz, single phase motor, ODP.....	1,579.00
1322	X	O	5 HP, 230V AC, 3-phase, 60 Hertz motor, TEFC .....	1,130.00
1325	X	O	5 HP, 230/460V AC, 60 Hertz, 3-phase motor with motor starter, ODP. Specify voltage.....	1,579.00
1405	X	O	7½ HP, 230V AC, 60 Hertz, single phase motor, ODP.....	1,715.00
1422	X	O	7½ HP, 208V AC, 3-phase, 60 Hertz motor, ODP .....	1,412.00
1425	X	O	7½ HP, 230/460V AC, 60 Hertz, 3-phase motor with motor starter, ODP. Specify voltage.....	1,715.00

3-PHASE MOTORS MAY BE OPERATED AT 190/380 V, 50HZ. 50HZ OPERATION REDUCES PUMP CAPACITY TO 5/6.

## Export Crating

	List Price		List Price
10-25 gallon models .....	269.00	400-800 gallon models .....	1,154.00
50-100 gallon models .....	393.00	1000-1200 gallon models .....	1,481.00
150-275 gallon models .....	961.00	1400-2500 gallon models .....	2,447.00

## Application Notes

- Option 010, 015, Auxiliary Hand Pump, is recommended for installation on all day tanks equipped with motor-pumps. The hand pump is used for initial priming of the fuel line from the main tank and as a backup to the motor-pump.
- Option 060 Fuel Strainer, is recommended whenever there is a possibility of fuel contamination. Day tank pumps have extremely close tolerances. Fine abrasives in suspension degrade pumping ability and can jam pump.
- In order to assure maintenance of pump prime, one of the following options is recommended for installation on all day tanks equipped with motor-pumps: Option 070: Check valve; Option 080, 083: Solenoid valve; or Option 090: Foot valve.