

**MODEL TSR
SINGLE WALL DAY TANK WITH
RUPTURE BASIN**



Day Tanks are used as a temporary storage tank for fuel oil. Typically, they are found next to generators so that the generator will have fuel at hand to get started to establish emergency power. They are also used as part of the fuel system in boiler plants. The Day Tank is located within an open top rupture basin used to contain spills. The rupture basin is sized for 160% containment. All tanks are UL142. The tanks are supplied with all necessary ports and drop tubes along with necessary support equipment mounted on top.



Common Standard Equipment:

Carbon Steel, typically 10 gauge	One Emergency Vent Port
Painted Exterior	One Normal Vent Port
Tank Level Gauge Port (2")	Tank Return Port (2") with drop tube
Tank Fill Port (2") with drop tube	Inspection Port
Generator Supply with drop tube & foot valve (2")	Generator Return (2")
Level Switch Port (2")	Rupture Basin Drain (1/2")
Rupture Basin Leak Switch	Manual Tank Level Gauge
Vent Caps	Multi-level switches for pump control

Optional Equipment:

Level Transmitter	Vent Overflow Switch
Temperature Transmitter	Additional supply and return ports
Return/Overflow Pump mounted to top or side of tank	2" Manual Fill Port with lockable valve
Local Alarm/Control Panel	

Nominal Dimensions (all in inches):

Size (Gallons)	60	75	100	150	200	250
Model	TSR060	TSR075	TSR100	TSR150	TSR200	TSR250
Width	24	24	24	36	36	36
Length	24	30	42	42	36	46
Height	24	24	24	24	36	36
Rupture Width	32	32	32	44	44	44
Rupture Length	32	42	56	60	54	64
Rupture Height	22	22	22	22	34	34
Emer. Vent	3	3	3	3	3	3
Tank Fill	2	2	2	2	2	2
Gen. Supply	2	2	2	2	2	2
Inspect. Port	3 FLG	3 FLG	3 FLG	3 FLG	3 FLG	3 FLG
Tank Return	2	2	2	2	2	2
Gen. Return	2	2	2	2	2	2

Size (Gal)	300	350	400	500	600
Model	TSR300	TSR350	TSR400	TSR500	TSR600
Width	36	42	42	46	48
Length	54	46	54	54	60
Height	36	42	42	46	48
Rupture Width	44	50	50	54	56
Rupture Length	78	66	78	78	86
Rupture Height	34	40	40	44	46
Emer. Vent	4	4	4	4	4
Tank Fill	2	2	2	2	2
Gen. Supply	2	2	2	2	2
Inspect. Port	4 FLG	4 FLG	4 FLG	4 FLG	4 FLG
Tank Return	2	2	2	2	2
Gen. Return	2	2	2	2	2

Special Note: Dimensions shown are typical; each day tank is customized per the application requirements. Custom configurations and sizes are available upon request, please consult the factory.

