

PRYCO, INC.

SUGGESTED SPECIFICATION

DAY TANKS

DOUBLE WALL, UL LISTED

AND

SINGLE WALL, UL LISTED

Pryco, Inc.

FUEL SYSTEM – DAY TANK, DOUBLE WALL, UL LISTED

1. Provide a U.L. listed day tank with a capacity of ____ U.S. gallons. The tank shall incorporate double wall design with a minimum of 110% secondary containment. The tank shall be incorporate the following features and options to make a complete system. The tank system shall be a model PY__ULDW as manufactured by Pryco, Inc. Mechanicsburg, IL.
2. The tank shall be constructed of heavy gauge steel and include a 6” square, removable, gasketed inspection plate, a fuel level gauge, drain fittings and valves for the tank and the double wall (option 340), four 1” npt fittings, normal vent connections and the required U.L. emergency vent connections. The tank and double wall shall be factory pressure tested in accordance with the Underwriters Laboratories requirements.
3. The tank interior shall be epoxy coated and the exterior shall be primed and painted to match the color of the generator.
4. The tank shall be equipped with a positive displacement supply pump close coupled to a 1/3 HP, 115VAC, single phase 60 hertz motor. The pump shall be rated at 2 GPM minimum. Include a heavy duty float and switch with pump running light and a press to test switch. Arrange the float switch to activate the tank mounted supply pump 86% and deactivate the pump when the day tank level reaches 100%. A normally closed solenoid valve (option 360) shall be installed on the inlet to the supply pump and work in conjunction with the float switch to open upon the demand for fuel and close when the day tank is full.
5. The day tank shall include alarm lights, independent level sensors and remote dry contacts for high fuel level set at 102%, low fuel level set at 75% (option 210 / 211) and leak / rupture detection (option 395). The rupture / leak detector switch when activated shall disable the supply pump.
6. All alarms and level controls shall be factory assembled and wired so that only a 120vac power supply need be applied to make the day tank system functional.
7. A fuel strainer (option 315) shall be provided and installed on the day tank fuel supply pump inlet ahead of the solenoid valve.
8. Include a vent line termination mushroom type caps (option 320A) for the normal vent openings and pressure relief type vent caps (option 321) for the emergency vent opening. The design and labeling of the emergency vent cap shall comply with the requirements of NFPA 30.
9. Provide a day tank mounted fuel oil cooler (option 352) to cool rejected fuel from engine.

Pryco, Inc.

FUEL SYSTEM – DAY TANK, SINGLE WALL WITH RUPTURE BASIN, UL LISTED

1. Provide a U.L. listed day tank with a capacity of ____ U.S. gallons. The tank shall incorporate a rupture basin (option 385) with a minimum of 150% secondary containment. The tank shall be incorporate the following features and options to make a complete system. The tank system shall be a model PY__UL as manufactured by Pryco, Inc. Mechanicsburg, IL.
2. The tank shall be constructed of heavy gauge steel and include a 6” square, removable, gasketed inspection plate, a fuel level gauge, drain fitting and valve (option 341), four 1” npt fittings, normal vent connection and the required U.L. emergency vent connection.
3. The tank interior shall be epoxy coated and the exterior shall be primed and painted to match the color of the generator.
4. The tank shall be equipped with a heavy duty float and switch with pump running light and a press to test switch. Arrange the float switch to activate the pump located in the main supply tank when the day tank level reaches 86% and deactivate the pump when the day tank level reaches 100%. A normally closed solenoid valve (option 360) shall be installed on the fuel inlet to the day tank and work in conjunction with the float switch to open upon the demand for fuel and close when the day tank is full.
5. The day tank shall include alarm lights, independent level sensors and remote dry contacts for high fuel level, low fuel level (option 210 / 211) and leak / rupture detection (option 395). The rupture / leak detector switch when activated shall disable the supply pump.
6. All alarms and level controls shall be factory assembled and wired so that only a 120vac power supply need be applied to make the day tank system functional. The remote dry contacts will require separate wiring and power supply.
7. A fuel strainer (option 315) shall be installed on the day tank fuel inlet ahead of the solenoid valve.
8. Include a vent line termination mushroom type cap (option 320A) for the normal vent opening and a pressure relief type vent cap (option 321B) for the emergency vent opening. The design and labeling of the emergency vent cap shall comply with the requirements of NFPA 30.