

FILL-RITE®

A GORMAN-RUPP COMPANY



FuelTraveller

TECHNICAL SPECIFICATIONS

FR-82D1-XR550-XP

⚠ WARNING

This unit is designed to handle volatile, flammable liquids. To reduce the risk of fire or explosion, do not operate near open flames, sparks, cigarettes or any other ignition source. Do not operate the unit in an explosive atmosphere or unventilated area. Connect the attached ground cable to the nearest grounding point on the tank being filled. Shut off the engine and allow it to completely cool before refueling.

Total Head		Capacity of Pump in U.S. Gallons Per Minute (GPM) at Continuous Performance		
PSI	Feet			
31.7	73	25	25	25
30.3	70	40	40	40
26.0	60	70	70	70
21.7	50	82	92	92
17.3	40	83	105	110
13.0	30	84	107	124
8.7	20	84	107	130
Suction Lift		25'	20'	15'

Self Priming Centrifugal Pump

Size	2" x 2" (51 mm x 51 mm) NPT - Female
Casing	Aluminum Alloy 356-T6 with Gray Iron 30 Cutwater Insert Maximum Operating Pressure 50 PSI (345 kPa)
Semi-Open Type, Three Vane Impeller	Aluminum Alloy 356-T6 Handles 5/8" (15,8 mm) Diameter Spherical Solids
Replaceable Wear Plate	Carbon Steel ASTM A36
Intermediate Bracket	Gray Iron 30
Seal	Type 9, Mechanical, Self-Lubricated PTFE Wedge Silicon Carbon Stationary Face Fluorocarbon Elastomers (DuPont Viton® or Equivalent) Maximum Temperature of Liquid Pumped, 160°F (71°C)
Shaft Seal	Stainless Steel 304
Flap Valve	Nitrile Nylon Coated Fabric Gray Iron 30
Flange	Gray Iron 30
Gaskets	Cork with Nitrile Binder NC710
Hardware	Standard Plated Steel
Standard Equipment	Roll Cage with Rubber Feet

Engine

Model	Briggs & Stratton XR550
Type	Single Cylinder, Four Cycle, Air Cooled, Gasoline Engine
Displacement	7.75 Cu. In. (127 cc)
Lubrication	Splash System
Air Cleaner	Dual Element, Semi Dry
Fuel Tank	2 U.S. Qts. (1,9 Liters)
Full Load Operating Time	1.9 Hours
Starter	Rope Rewind
Standard Equipment	Manual Start-Run Choke Control Manual Throttle Control with Top Speed Limit Spark Arresting Muffler and Heat Shield Sheilded Ignition Grounding Wire

Approximate Dimensions & Weight

NET Weight	73 LBS. (33 KG.)
Shipping Weight	76.5 LBS. (35 KG.)
Export Crate	4.0 CU. FT. (0,11 CU. M.)

Consult Factory for High Altitude Applications
Requiring a Motor With a Breather.

