

Isometrics, Inc.

R-12 Hydrant Refueling Truck



The Isometrics Inc. R-12 is a hydrant dispensing truck intended for refueling a wide variety of aircraft from fighter jets to wide body transport aircraft from Type III hydrant systems.

SPECIFICATIONS

Cab / Chassis

Freightliner M2, 24000 GVW, Diesel Engine, 6 Speed Automatic Transmission

Filter-Separator

1000 GPM, API/IP-1581 Category M100, Type S, ASME Code Stamped

Capabilities

750 GPM through two ground hoses
1000 GPM through two platform hoses
300 GPM Defuel with boost

Dimensions

Length: 285 in. Width: 96 in. Height: 101 in.
Wet Weight: 16685 lbs., Dry: 15020 lbs.

Meter

1000 GPM Positive Displacement with Digital Readout

Lift Platform

Load Capacity: 500 lbs.

Maximum Fuel Servicing Height: 228 in.

Hoses

2 ea. API 1529, 2-1/2 in. X 60 ft. (ground)

2 ea. API 1529, 2-1/2 in. X 11.5 ft. (platform)

1 ea. API 1529, 4 in. X 30 ft. (hydrant)

Pressure Control

6 in. Cla-Val Diaphragm pressure control, with on - off, check and surge control features.

Gauges

Pressure gauges, tachometer and flow meter readout are digital LED incorporated into the Control box.

Defuel Control

Defuel is controlled via the control PLC control and manual throttle control.

Other Equipment

7.5 Gal. Surge Suppressors

Recovery sump for 24 hour operation

Sump emptying diaphragm pump

2 ea. Static Discharge Reels, 50 ft
cables

SAE-AS-5877 D-2 Nozzles (platform)

SAE-AS-5877 D-3 Nozzles (ground reels)