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**
Wet Weight: 16685 lbs., Dry: 15020 lbs.

**Meter**
1000 GPM Positive Displacement with Digital Readout

**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)