

Isometrics, Inc.

R-11 | Aircraft Refueler



SPECIFICATIONS

Tank

DOT 406 aluminum tank with 6000-gallon capacity.

Filter/Separator

ASME certified F/S with a capacity of 600gpm. Classified as EI 1581, Category M, Type S.

Pump

Split shaft pump with a capacity 600 GPM.

Meter

Registers totalized fuel flow in gallons. Integrated with the power control box.

Automatic Control System (ACS)

Configures the pumping system for four standard operations (Defuel/De-drum, Recirculation, High Pressure Servicing, and Low-Pressure Servicing) and (optional) HSM operations.

Underwing Pumping System

Configured with a 2½" x 60' hose certified to API 1529 and a D3 Nozzle.

Cab/Chassis

Conventional cab and chassis with diesel engine and automatic transmission.

Maximum Dimensions

Width: 106"; Tank Width: 106"
Length: 460"; Height: 102"
Built for C-130 Air Transport.

Overspill Protection

Two electronic sensors integrated with the control box ensure automatic shutdown of pumping operations when the tank is full.

Pressure Relief Provisions

A primary control valve, secondary control valve, and automated throttle control manage fuel pressure while pumping.

Paint Options

Green: 14052 or 24052
Desert Sand: 33445

OPTIONAL PACKAGES

HSM Pumping System

Includes a 3" x 30' hose certified to API 1529 standard and a Type III Hydrant Coupler. The HSM system is integrated with the power control box for automated configuration.

Overwing Pumping System

Includes a 1½" x 60' hose certified to API 1529 standard and a 1½" x 1½" overwing nozzle with a 100-mesh strainer.