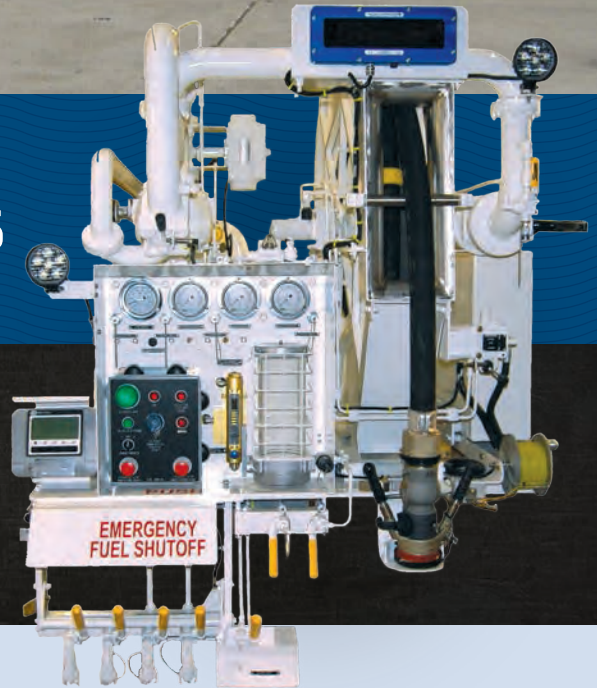


BETA Fueling Systems is the global leader in the manufacture of aviation refueling modules.



Aviation Refueling Modules

BETA Fueling Systems' aviation refueling modules reliably deliver from 50 GPM (190 LPM) up to 600 GPM (1700 LPM) flow rates for military and commercial aviation.



BETA has pioneered the design and manufacture of refueling modules (for aviation refuelers and hydrant dispensers) for in-country integration by our accredited assembly partners in distant regions. Designed for nearly turn-key integration, BETA refueling modules are capable of flow rates up to 600 GPM (2,300 LPM) and dispenser modules up to 1000 GPM (3800 LPM).





RELIABILITY | SUPPORT | DELIVERY™

MODULES FOR ALL AVIATION APPLICATIONS



50 GPM Avgas Refueling Module

Delivers up to 50 GPM (190 LPM) flow rates with single reel and overwing nozzle for general aviation avgas refueling trucks.



300 GPM Refueling Module

Delivers up to 300 GPM (1135 LPM) flow rates. Equipped with single underwing reel and nozzle or dual underwing/overwing reels. Optimal for use with 3,000 to 5,000 gallon refuelers. Designed for commercial or military aviation use.



450 GPM Refueling Module

Delivers up to 450 GPM (1700 LPM) flow rates. Equipped with single underwing reel and nozzle or dual underwing/overwing reels. Optimal for use with 3,000 to 7,000 gallon refuelers. Designed for commercial or military aviation use.



600 GPM Refueling Module

Delivers up to 600 GPM (2300 LPM) flow rates with dual underwing reels and nozzles. Optimal for use with 5,000 to 10,000 gallon refuelers. Designed for commercial or military aviation use.

PRODUCT SPECIFICATIONS

FILTER VESSEL	Aluminum filter monitor or filter water separator
PUMP	Hydraulic driven pump with bypass
DEFUEL	Manual throw valve for defuel circuit included
METER	Meter can be customer-specified
REGISTER	Electronic or mechanical register
DISPLAY	Large digit electronic display
HOSE REELS	Underwing Hose Reel, Hydraulic Rewind, Single Wrap Overwing Hose Reel, Hydraulic Rewind, Single Wrap
HOSES	2" x 20m fuel hose for underwing refueling 1-1/2" x 20m fuel hose for overwing refueling
NOZZLES	Underwing nozzle w/HEPCV and dry break disconnect
PRESSURE CONTROL VALVE	In-line, air-over-fuel pressure control valve
VENTURI	Alfons Haar adjustable venturi
REEL ISOLATION VALVES	3" and 2" isolation valves
DP GAUGE	Piston type DP gauge; comes with high DP shutoff feature
ALJAC SAMPLER	4-liter sample jar with water detector and spring loaded valves. No hinged cover. Includes hydrometer and thermometer holders with backlighting (LED).
ELECTRICAL	Complete PLC control system, in cabin control box and wiring for select control items included.
INTERLOCKS	All industry standard interlocks included
LIGHTING	LED worklights and other lighting included
CONTROL PANEL	All standard gauges and test connections included
VALVES	Air Eliminator, Relief Valves, Sho-Flo Valve, Check Valves
SENSING AND DRAINS	Stainless steel compression tubes and fittings, spring loaded ball valves
STRUCTURAL ALUMINUM FRAMEWORK	Included as standard
SS PIPEWORK AND FLANGES	304 schedule 10 5/5 pipework and flange connections
PIPING JOINT	Flexible Joint - QTY 2
DUMP TANK ASSEMBLY	40L, with 9" hatch assembly and sight glass window, high level float and manual drain
LABELS	Includes all standard labels for vehicle
DEADMAN	Includes remote and lead, timer circuit
BONDING REEL WITH INTERLOCK	75' - solid red cable
PAINTING	Module single color to customer specifications
TESTING	Complete flow/pressure testing prior to shipment
MANUALS	Complete operation manual on CD and one hard copy provided

BETA REFUELING MODULES MEET THE FOLLOWING SPECIFICATIONS: ATA 103, NFPA 407, JIG (INTERNATIONAL UNITS)