



AEROSPACE & DEFENSE CLEAN DIESEL CARTS

X011791 | X011860 | X011843

Clean Diesel Carts are the perfect solution for fuel transfer and kidney loop applications. A high efficiency fuel filter and water absorber (included) work together to ensure that your diesel is both clean and dry.

The carts are powered by Piusi® Panther pumps in your choice of 120 VAC, 12 VDC, or 24/12 VDC. Maximum flow rates range from 9–18 gpm (35–70 lpm), which make short work of cleaning small to medium sized tanks. Easy to read, green to red service indicators function independently to alert the operator when one of the filters needs changing.



SPECIFICATIONS

Part Number	X011791	X011860	X011843
Power Source	120 VAC	12 VDC	24/12 VDC
Replacement Filter Elements	P575791 Fuel Filter & P575792 Water Absorbing Filter		
Target ISO Cleanliness	14/13/11 or better		
Fluid Compatibility	All diesel fuels and up to B20 bio-diesel blends		
Efficiency	4 micron @ Beta 2000		
Water Absorbing Filter	Stops all free and emulsified water		
Service Interval	25 psi service indicator moves from green to red		
Pump Model	Piusi® Panther 56 120 VAC	Piusi® Panther 12 VDC	Piusi® Panther 24/12 VDC
Power Consumption	700 Watts	420 Watts (35 amps @ 12V)	600 Watts (25 amps @ 24 V) 192 Watts (16 amps @ 12 V)
Working Pressure	23 psi / 160 kPa / 1.6 bar	22 psi / 150 kPa / 1.5 bar	
Relief	Internal bypass valve		
Maximum Flow Range	15 gpm / 56 lpm	15 gpm / 56 lpm	18 gpm / 70 lpm @ 24 V 9 gpm / 35 lpm @ 12 V
Duty Cycle	Continuous	30 minutes	30 minutes

FEATURES

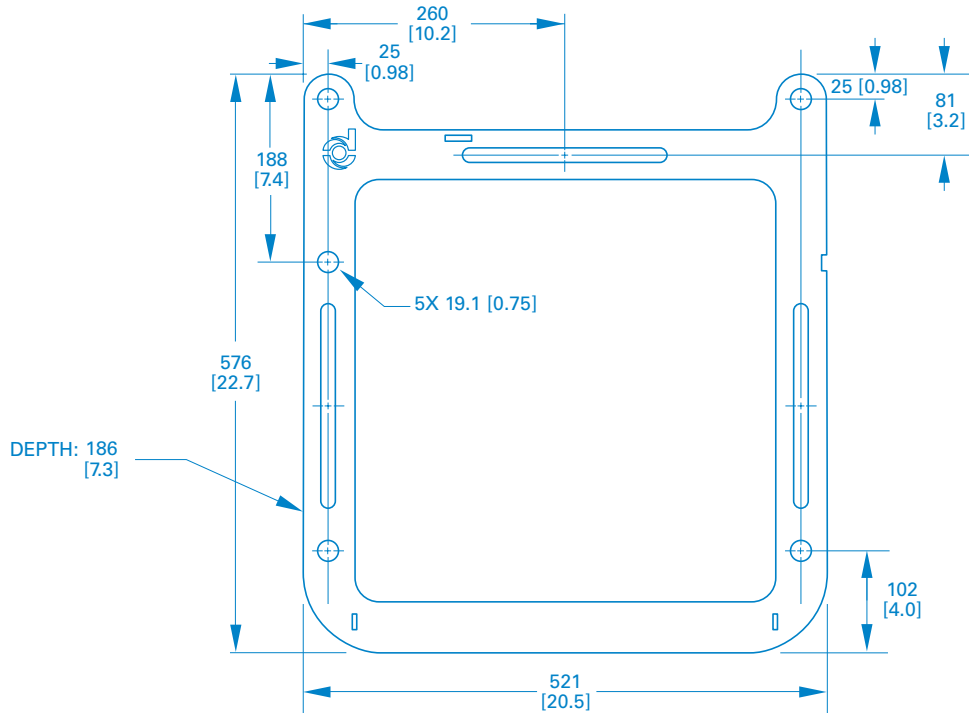
- High efficiency fuel filter meets target cleanliness in a single pass
- Water absorber removes free water (separated and emulsified)
- Rugged steel frame withstands heavy duty use
- Electrodeposited zinc, powder top coat and stainless fasteners provide ultimate corrosion protection
- Convenient holes and slots allow frame to be easily hung or secured
- Removable drip tray allows easy clean-up
- Internal 100 micron pump filter keeps debris out of pump for increased reliability
- All units are leak tested during manufacturing

APPLICATIONS

- Kidney-loop cleaning of smaller bulk tanks
- Recovering and cleaning contaminated fuel from equipment tanks
- Flushing equipment or machinery fuel systems
- Dispensing clean fuel into or out of remote tanks



DIMENSIONS



OPERATION

- Easy-to-follow instructions included with cart
- 10-foot / 3-meter heavy duty 1" clear suction hose
- 13-foot / 4-meter heavy duty 3/4" dispenser hose
- Velcro® strapping for quick and easy hose storage
- Automatic shut-off dispensing nozzle helps prevent overfilling and spillage
- Suction filter with anti-drainback valve keeps large dirt particles out of the pump and keeps the system primed between uses for quick startup

SERVICE

- Service filter when flow slows or service indicator turns from green to red
- Relieve pressure prior to servicing
- Loosen filter by rotating counterclockwise using strap-wrench
- Install clean filter by rotating clockwise, tighten 1/2 turn after filter seats in gasket
- Dispose of used filters appropriately

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Brochure No. F112258 ENG (9/15)

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