



Clean Fuel & Lubricant Solutions

# Clean Diesel Carts

## X011407 | X011408 | X011431

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 AC 120V, DC 12V, or DC 24/12V. Maximum flow rates range from 15 gpm / 56 lpm to 21 gpm / 80 lpm, which makes 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	X011407	X011408	X011431
Replacement Filter Elements	DBB8666 Fuel Filter & DBB0248 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	Piusi® Panther DC 12V	Piusi® Panther DC 24/12V
Power Consumption	700 Watts	420 Watts (35 amps @ 12V)	600 Watts (25 amps @ 24V) 192 Watts (16 amps @ 12V)
Working Pressure	23 psi / 160 kPa / 1.6 bar	22 psi / 150 kPa / 1.5 bar	
Relief	Internal bypass valve		
Max. Flow Range	15 gpm / 56 lpm	15 gpm / 56 lpm	18 gpm / 70 lpm @ 24V 9 gpm / 35 lpm @ 12V
Duty Cycle	Continuous	30 minutes	30 minutes

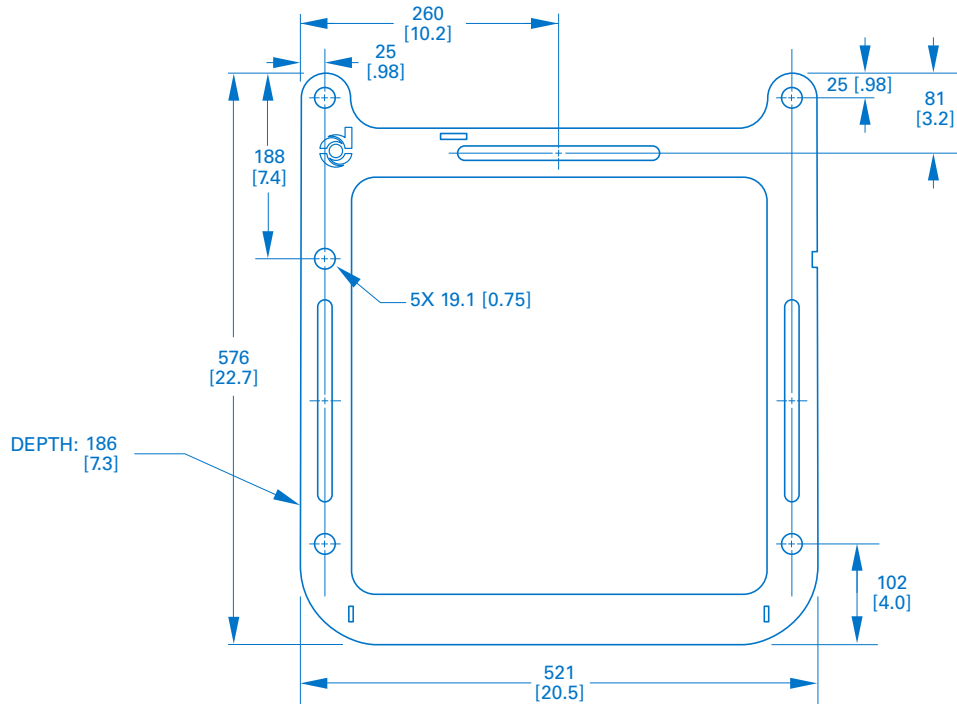
### FEATURES

- 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, power 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 feet / 3 meter heavy duty 1" clear suction hose
- 13 feet / 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 counter clockwise 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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### Need a Clean Solution?

As a global organization, we have offices throughout the world. Please direct your inquiry to [clean.solutions@donaldson.com](mailto:clean.solutions@donaldson.com). This will enable us to address your inquiry in the shortest possible time.

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