



DESIGNED, ENGINEERED AND MANUFACTURED EXCLUSIVELY BY BENECOR®

BENECOR® BULK DEF FAST FILL SYSTEMS

BENECOR®, The Industry Experts In DEF Handling, Storage And Dispensing Now Offer Expertise And Systems For On-Machine Applications, And High-Capacity Dispensing.

BENECOR® is proud to introduce a TOTAL DEF FAST FILL SOLUTION for use by OEM equipment builders in the Rail, Mining, Marine and other industrial engine applications. Based on internationally proven technology in the Diesel industry from our partner Fast Fill Systems, our exclusive DEF Fast Fill solution ensures pressureless filling of your on-machine tank, whether side or top mounted, the ability to place the vent and filter remotely from the tank ensures product integrity in harsh environments where DEF tanks cannot always be sheltered and protected on the machines. Our Fast Fill nozzle and dry-break quick connect couplers ensure rugged, reliable and simplistic functioning.

When used in conjunction with the BENECOR® patent-pending reverse flow pump systems, it is now possible to drain the DEF lines on the equipment after each fill cycle. This reduces the risk of freezing or system damage in cold climates and negates the need for thawing and draining already limited energy resources on machines.

BENECOR® engineers' custom solutions for integration on your equipment and can provide TOTAL SYSTEM SOLUTIONS feeding single or multiple SCR units depending on your configuration.

FASTER FASTER FILL RATES

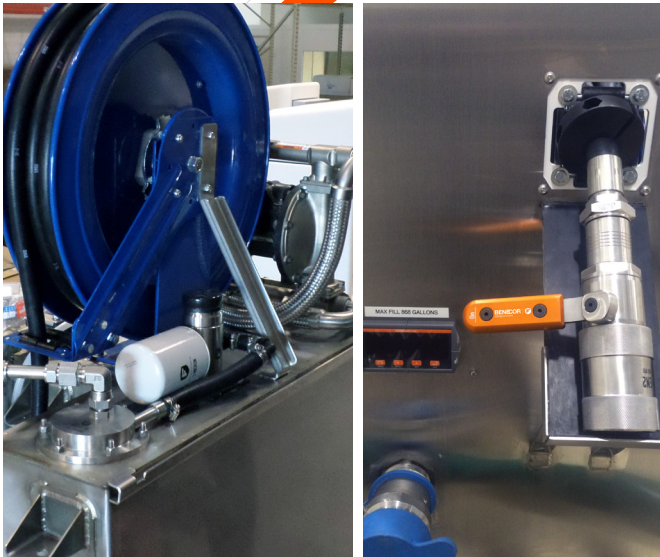
- Fast Fill 80 GPM To Match Replenishment Of DEF At The Same Rate Diesel Is Refilled
- Venting & Breathing Capacity Matched With Fill Rate Of DEF
- Reverse Pump System Vents Fill Line Through Filtered Breather

EASIER EASIER TO INSTALL & CONNECT

- Hose Barb Connection For Vent & Breather Line
- Receiver Threads: 3/4" Male BSPP Standard, Other Threads Available
- Nozzle Threads: 1" Female BSPP Standard, Other Threads Available
- Connecting To Tanks With Standard Flange Or Bayonet Connection, Top-Mount & Side-Mount Pressureless Vents Available

BETTER BETTER SYSTEM PERFORMANCE, RELIABILITY & ERGONOMICS

- All 316 Stainless & Other DEF Compatible Material Ensures DEF Product Integrity, Reliability & Repeatable Performance
- Stainless Steel Dust Caps Protect Receiver From Damage & Debris
- Easily Replaceable, Fine Filter Breather Ensures Low Risk Of DEF Recontamination & Eventual Damage Of SCR Injection System
- Pressureless Filling Shut-Off Protects Tank & Provides Overfill Protection
- Custom Pressureless Valves Can Provide Different Shut-Off Level
- Pressureless Valve Is Self-Draining
- All Components Freeze Tested
- Breather Filtration: 1 Micron



FOR MORE INFORMATION CONTACT BENECOR® DIRECTLY

1-844-BENECOR® MOST ITEMS ARE IN-STOCK & SHIP WITHIN 24 HRS
1 - 8 4 4 - 2 3 6 - 3 2 6 7

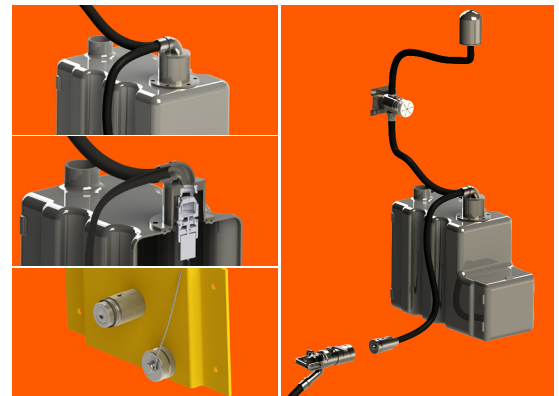


BENECOR® DEF FAST FILL SYSTEM

Our proven and time-tested pressureless Fast Fill system is supported by the BENECOR® patent-pending high capacity reverse-flow pump skid. This system eliminates the need to build in special heat trace lines and controls technology on your equipment. When the BENECOR® pressureless valve shuts off, high pressure in the fill line is detected and the pump auto reverses to extract DEF from the fill line on the machine past the nozzle and receiver.* When the nozzle is decoupled from the machine, the DEF lines on the machine are purged.



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FEATURES



NOZZLE



RECEIVER WITH CAP

BENECOR® FAST FILL SYSTEM DEF NOZZLE & RECEIVER

- Customizable Pressure Indicator Actuates Once 35 PSI Is Reached
- All 316 Stainless Fluid Contact Components
- Ergonomic Aluminum Handle Cover
- All Viton Seals
- Receiver Threads: 3/4" Male BSPP Standard, Other Threads Available
- Nozzle Threads: 3/4" Female BSPP Standard, Other Threads Available

PART NUMBER - NOZZLE: 10010262

PART NUMBER - RECEIVER: 10010263



PRESSURELESS SYSTEM



PRESSURELESS SIDE MOUNT

BENECOR® FAST FILL DEF PRESSURELESS VALVE SYSTEM

- Capable Of Venting For Tank Fill Rates Up To 150 GPM
- Breather is Capable Of Handling Up To 115 GPM Draw Out Of Tank
- Vent Crack Open Pressure: 1/4 - 1/2 PSI Positive Pressure Inside Of The Tank
- Breather Crack Open Pressure: 1/4 - 1/2 PSI Vacuum Pressure Inside Of The Tank
- All 316 Stainless Fluid Contact Components
- All Viton Seals

PART NUMBER - PRESSURELESS TOP MOUNT: 10010261

PART NUMBER - PRESSURELESS SIDE MOUNT: 10010265



BENECOR® FAST FILL SYSTEM DEF FILTER VENT

- Capable Of Venting For Tank Fill Rates Up To 150 GPM
- Breather is Capable Of Handling Up To 115 GPM Draw Out Of Tank
- Vent Crack Open Pressure: 1/4 - 1/2 PSI Positive Pressure Inside Of The Tank
- Breather Crack Open Pressure: 1/4 - 1/2 PSI Vacuum Pressure Inside Of The Tank
- All 316 Stainless Fluid Contact Components
- All Viton Seals
- Hose Barb Connection: For 3/4" ID Hose (Matches Vent Connection Of The Pressureless System)

PART NUMBER - FILTER VENT: 10010264



1 1/2" DEF MALE RECEIVER WITH CAP QUICK CONNECT



1 1/2" DEF DRY BREAK FEMALE QUICK CONNECT

BENECOR® FAST FILL SYSTEM DEF DRY-BREAK QUICK CONNECT

- All 316 Stainless Fluid Contact Components
- All Viton Seals
- 1 1/2" DEF Male Dry Break Quick Connect With Cap Threads: 1" Male BSPP Standard, Other Threads Available
- 1 1/2" Female Dry Break Quick Connect Threads: 1" Female BSPP Standard, Other Threads Available
- Other Custom Sizes Available Upon Request

PART NUMBER - 1 1/2" DEF MALE RECEIVER WITH CAP QUICK CONNECT: 10010333

PART NUMBER - 1 1/2" DEF DRY BREAK FEMALE QUICK CONNECT: 10010334

*DEF lines on the machine have to be designed with no dead-legs to ensure proper drainage.

