

Closed Systems Drum Packages

Electric Diaphragm Pump

Features

- Compact design mounting bracket
- Heavy-duty cart - Easily holds and rolls up to 55 gallon drum
- Large semi-pneumatic tires - Allow for easy maneuvering of cart
- Large non-marking rear caster - Built in brake for safe and secure dispensing

Includes:

- 8570-006 6' x 3/4" Suction hose
- 8561-012 12' x 3/4" Discharge hose
- 4530-054 Drip tray
- 4320-014 Drum cart 55 gal for DEF
- 4530-065 Side mount bracket

Options:

- 3120-116 Meter DR style for DEF
- 1200-020 120 V AC Electric diaphragm pump
- 1200-021 12 V DC Electric diaphragm pump
- 3340-012 Auto nozzle, stainless steel
- 3340-015 Manual nozzle, polyethylene

Pump includes automatic shutoff.
Pump is UL approved

DEF Packages do not include coupler systems. Order Separately.

TECHNICAL DATA		
	DATA 120 V AC (1200-020)	DATA 12 V DC (1200-021)
Max. Free Flow	8.5 GPM	9.5 GPM
Working Pressure	23 psi (1.6 bar)	23 psi (1.6 bar)
Power	120 V AC	12 V DC
Wetted Materials (pump)	Stainless Steel, Viton®, PPE	Stainless Steel, Viton®, PPE
Service Bulletin	SB 1129	SB 1130

MODELS AVAILABLE	DESCRIPTION
1210-046P	120 V AC Non-metered, Manual Nozzle
1210-048P	120 V AC Non-metered, Auto Nozzle
1210-049P	120 V AC Metered, Auto Nozzle

CLOSED system containers have a valve coupling system that seals the container opening on drums and totes (IBC) to prevent dirt, debris, bugs, etc., from entering the container and contaminating the diesel exhaust fluid. Liquid in container system is sealed and secure, throughout container life cycle.

DEF Packages do not include coupler systems. Order Separately.

You must choose a coupler kit to create a complete system for your distribution needs.

for closed systems, use Reusable Poly Valve (RPV) or Reusable Stainless Valve (RSV) systems accessories. RSV and RPV components are interchangeable.

DEF

Closed Systems Drum Packages

Electric Diaphragm Pump

Electric Diaphragm Packages Description

Balcrank Diesel Exhaust Fluid products will include pumps and outfits that could be placed in dealerships, garages, and gas stations. The Balcrank true blue Diesel Exhaust Fluid Systems will offer dispense options for all types of facilities. DEF portable units will include portable drum cart, side mount bracket, self-priming electric diaphragm pump, hose, and dispense nozzle.

Electric Diaphragm Package Details

- 2.1. Electric diaphragm packages will have 8" diameter non-marking locking caster with a built-in break on rear of cart for safe and secure dispensing.
- 2.2. Electric diaphragm packages will have 12" diameter semi-pneumatic tires for easy maneuvering.
- 2.3. Electric diaphragm packages will have a heavy-duty cart, which easily holds and rolls a 55-gallon drum.
- 2.4. Electric diaphragm packages will have an 120V AC self-priming electric diaphragm pump.
- 2.5. Electric diaphragm packages will include: 6' suction hose, 12' dispense hose, Optional: Battery powered electronic meter with display, dispense nozzle options: auto nozzle-stainless Steel, and manual nozzle-polyethylene.

Electric Diaphragm Package Available:

- | | |
|---|-------------------------------------|
| <input type="checkbox"/> 1210-046P | 120 V AC Non-metered, Manual Nozzle |
| <input type="checkbox"/> 1210-048P | 120 V AC Non-metered, Auto Nozzle |
| <input type="checkbox"/> 1210-049P | 120 V AC Metered, Auto Nozzle |

Electric Diaphragm Specifications:

- 4.1. **120V AC Self-Priming Electric Diaphragm pump**
 - 4.1.2. 120V AC Electric Diaphragm pump will have a maximum fluid pressure of 23 psi (1.6 bar)
 - 4.1.3. 120V AC Electric Diaphragm pump will have a flow rate of 8.5 gal/m (32 l)
 - 4.1.4. 120V AC Electric Diaphragm pump will have power outlet of 120V AC

Materials:

The wetted materials will consist of Stainless Steel, Viton, PPE

Warranty:

- 6.1. Portable Air Outfits will have a 1-year replacement only warranty (defects in materials and workmanship only).

Closed Systems Tote Packages

Electric Diaphragm Pump

Features

- Compact design mounting bracket

Includes

- 8570-006 6' x 3/4" Suction hose
- 8561-020 20' x 3/4" Discharge hose
- 4530-054 Drip tray
- 4530-065 Side mount bracket

Options

- 3120-116 Meter DR style for DEF
- 1200-020 120 V AC Electric diaphragm pump
- 1200-021 12 V DC Electric diaphragm pump
- 3340-012 Auto nozzle, stainless steel
- 3340-015 Manual nozzle, polyethylene

Pump includes automatic shutoff.
Pump is UL approved



DEF Packages do not include coupler systems. Order Separately.

TECHNICAL DATA		
	DATA 120 V AC (1200-020)	DATA 12 V DC (1200-021)
Max. Free Flow	8.5 gal/min (32.18 l/min)	9.5 gal/min (34.07 l/min)
Working Pressure	23 psi (1.6 bar)	23 psi (1.6 bar)
Power	120 V AC	12 V DC
Wetted Materials (pump)	Stainless Steel, Viton, PPE	Stainless Steel, Viton, PPE
Service Bulletin	SB 1129	SB 1130

MODELS AVAILABLE	DESCRIPTION
1210-046	120 V AC Non-metered, Manual Nozzle
1210-047	120 V AC Metered, Manual Nozzle
1210-048	120 V AC Non-metered, Auto Nozzle
1210-049	120 V AC Metered, Auto Nozzle
1210-050	12 V DC Non-metered, Manual Nozzle
1210-052	12 V DC Non-metered, Auto Nozzle
1210-053	12 V DC Metered, Auto Nozzle

CLOSED system containers have a valve coupling system that seals the container opening on drums and totes (IBC) to prevent dirt, debris, bugs, etc., from entering the container and contaminating the diesel exhaust fluid. Liquid in container system is sealed and secure, throughout container life cycle.

DEF Packages do not include coupler systems. Order Separately.

You must choose a coupler kit to create a complete system for your distribution needs.

for closed systems, use Reusable Poly Valve (RPV) or Reusable Stainless Valve (RSV) systems accessories. RSV and RPV components are interchangeable.

Closed Systems Tote Packages

Electric Diaphragm Pump

Electric Diaphragm Packages Description

Balcrank Diesel Exhaust Fluid products will include pumps and outfits that could be placed in dealerships, garages, and gas stations. The Balcrank true blue Diesel Exhaust Fluid Systems will offer dispense options for all types of facilities. DEF tote packages will include side mount bracket, self-priming electric diaphragm pump, hose, and dispense nozzle.

Electric Diaphragm Package Details

- 2.1. Electric diaphragm packages will have an 120V AC Self-Priming Electric Diaphragm pump or 12V DC Self-Priming Electric Diaphragm pump.
- 2.5. Electric diaphragm packages will include: 6' suction hose, 20' dispense hose, Optional: Battery powered electronic meter with display, dispense nozzle options: auto nozzle-stainless Steel, and manual nozzle-polyethylene.

Electric Diaphragm Package Available:

- ☐ **1210-046** 120 V AC Non-metered, Manual Nozzle
- ☐ **1210-047** 120 V AC Metered, Manual Nozzle
- ☐ **1210-048** 120 V AC Non-metered, Auto Nozzle
- ☐ **1210-040** 120 V AC Metered, Auto Nozzle
- ☐ **1210-050** 12 V DC Non-metered, Manual Nozzle
- ☐ **1210-052** 12 V DC Non-metered, Auto Nozzle
- ☐ **1210-053** 12 V DC Metered, Auto Nozzle

Electric Diaphragm Specifications:

- 4.1. **120V AC Self-Priming Electric Diaphragm pump**
 - 4.1.2. 120V AC Electric Diaphragm pump will have a maximum fluid pressure of 23 psi (1.6bar)
 - 4.1.3. 120V AC Electric Diaphragm pump will have a flow rate of 8.5 gal/m (32.18 l)
 - 4.1.4. 120V AC Electric Diaphragm pump will have power outlet of 120V AC
- 4.2. **12V DC Self-Priming Electric Diaphragm pump**
 - 4.1.2. 12V DC Electric Diaphragm pump will have a maximum fluid pressure of 23 psi (1.6 bar)
 - 4.1.3. 12V DC Electric Diaphragm pump will have a flow rate of 9.5 gal/m (34.07 l)
 - 4.1.4. 12V DC Electric Diaphragm pump will have power outlet of 12V DC

Materials:

The wetted materials will consist of

- 5.1. 120V AC Stainless Steel, Viton, PPE
- 5.2. 12V DC Stainless Steel, Viton, PPE

Warranty:

- 6.1. Self-Priming Electric Diaphragm Outfits will have a 1-year replacement only warranty (defects in materials and workmanship only).

Closed Systems Drum Packages

CF Diaphragm Pump

Features

- Compact design mounting bracket
- Heavy-duty cart - Easily holds and rolls up to 55 gallon drum
- Large semi-pneumatic tires - Allows for easy maneuvering of cart
- Large non-marking rear caster - Built in brake for safe and secure dispensing

Includes

- 1120-025A CF15 AODD Pump for DEF
- 8570-006 6' x 3/4" suction hose
- 8561-012 12' x 3/4" discharge hose
- 4530-054 Drip tray
- 4320-014 Drum cart 55 Gal for DEF
- 4530-065 Side mount bracket
- 3260-060 Filter Reg 1/4" auto drain, mini

Options

- 3120-116 Meter DR style for DEF
- 3340-012 Auto nozzle, stainless steel



DEF Packages do not include coupler systems. Order Separately.

TECHNICAL DATA

Air inlet	3/8" NPSM(F)
Fluid inlet port	1/2" BSPP(F) DEF
Fluid outlet port	1/2" BSPP(F) DEF
Max. Free Flow	14 gal/min (50 l/min)
Air pressure range	45-100 psi (3-7 bar)
Solids in suspension	1/8" (3 mm)
Wetted Materials	PTFE (Teflon [®]), Viton [®] , Polypropylene, Stainless Steel, Hytrel [®]
Recommended fluids	Diesel exhaust fluid
Recommended Applications	Fluid dispensing, transfer, evacuation and distribution systems
Service Bulletin	SB 1145

MODELS AVAILABLE

DESCRIPTION

1210-054P

CF15 Non-metered, Manual Nozzle

1210-056P

CF15 Non-metered, Auto Nozzle

1210-057P

CF15 Metered, Auto Nozzle

CLOSED system containers have a valve coupling system that seals the container opening on drums and totes (IBC) to prevent dirt, debris, bugs, etc., from entering the container and contaminating the diesel exhaust fluid. Liquid in container system is sealed and secure, throughout container life cycle.

Note: Pump packages include all hoses and adapters required for connecting a DEF pump to the air supply and DEF dispense line.

DEF Packages do not include coupler systems.

You must choose a coupler kit to create a complete system for your fluid distribution needs.

for closed systems, use Reusable Poly Valve (RPV) or Reusable Stainless Valve (RSV) systems accessories. RSV and RPV components are interchangeable.

Portable Air Outfits Description

Balcrank Diesel Exhaust Fluid products will include pumps and outfits that could be placed in dealerships, garages, and gas stations. The Balcrank true blue Diesel Exhaust Fluid Systems will offer dispense options for all types of facilities. DEF portable air units will include portable drum cart, AODD pump, hose, and dispense nozzle.

Portable Air Outfits Details

- 2.1. Portable Air Outfits will have 8" diameter non-marking locking caster with a built-in break on rear of cart for safe and secure dispensing.
- 2.2. Portable Air Outfits will have 12" diameter semi-pneumatic tires for easy maneuvering.
- 2.3. Portable Air Outfits will have a heavy-duty cart, which easily holds and rolls a 55-gallon drum.
- 2.4. Portable Air Outfits will have an AODD 1/2" Poly pump.
- 2.5. Portable Air Outfits will be assembled and ready for use out of the box.
- 2.6. Portable Air Outfits Closed or Open coupler systems are NOT included in outfit – customer orders separately depending on fluid container requirements.

Portable Air Outfits Available:

- ☐ **1210-054P** CF15 Non-metered, Manual Nozzle
- ☐ **1210-056P** CF15 Non-metered, Auto Nozzle
- ☐ **1210-057P** CF15 Metered, Auto Nozzle

Portable Air Outfits Specifications:

- 4.1. Portable Air Outfits will have a fluid inlet port of 1/2" BSPP (F)
- 4.2. Portable Air Outfits will have a fluid outlet port of 1/2" BSPP (F)
- 4.3. Portable Air Outfits will have an air inlet port of 3/8" BSPP (F)
- 4.4. Portable Air Outfits will have a free flow rate of 14 gal/min (50 l/min)
- 4.5. Portable Air Outfits will have an operating air pressure of 45-100 psi (3-7 bar)

Materials:

- 5.1. The wetted materials will consist of PTFE (Teflon®), Viton®, Polypropylene, Stainless Steel, Hytrel®

Warranty:

- 6.1. Portable Air Outfits will have a 1-year replacement only warranty (defects in materials and workmanship only)

Closed Systems Tote Packages

CF Diaphragm Pump

Features

- Compact design mounting bracket

Includes

- 1120-025A CF15 AODD Pump for DEF
- 8570-006 6' x 3/4" Suction hose
- 8561-020 20' x 3/4" Discharge hose
- 4530-054 Drip tray
- 4530-065 Side mount bracket
- 3260-060 Reg 1/4" auto drain, mini

Options

- 3120-116 Meter DR style for DEF
- 3340-018 Manual nozzle, polyethylene- BSPP

Pump includes automatic shutoff.
Pump is UL approved



DEF Packages do not include coupler systems. Order Separately.

TECHNICAL DATA	
Air inlet	3/8" NPSM(F)
Fluid inlet port	1/2" BSPP(F) DEF
Fluid outlet port	1/2" BSPP(F) DEF
Max. Free Flow	14 gal/min (50 l/min)
Air pressure range	45-100 psi (3-7 bar)
Solids in suspension	1/8" (3 mm)
Wetted Materials	PTFE (Teflon) , Viton [®] , Polypropylene, Stainless Steel, Hytrel [®]
Recommended fluids	Diesel exhaust fluid
Recommended Applications	Fluid dispensing, transfer, evacuation and distribution systems
Service Bulletin	SB 1145

MODELS AVAILABLE	DESCRIPTION
1210-054	CF15 Non-metered, Manual Nozzle
1210-056	CF15 Non-metered, Auto Nozzle
1210-057	CF15 Metered, Auto Nozzle

CLOSED system containers have a valve coupling system that seals the container opening on drums and totes (IBC) to prevent dirt, debris, bugs, etc., from entering the container and contaminating the diesel exhaust fluid. Liquid in container system is sealed and secure, throughout container life cycle.

Note: Pump packages include all hoses and adapters required for connecting a DEF pump to the air supply and DEF dispense line.

DEF Packages do not include coupler systems.

You must choose a coupler kit to create a complete system for your fluid distribution needs.

for closed systems, use Reusable Poly Valve (RPV) or Reusable Stainless Valve (RSV) systems accessories. RSV and RPV components are interchangeable.

Closed Systems Tote Packages

CF Diaphragm Pump

Tote Air Outfits Description

Balcrank Diesel Exhaust Fluid products will include pumps and outfits that could be placed in dealerships, garages, and gas stations. The Balcrank true blue Diesel Exhaust Fluid Systems will offer dispense options for all types of facilities. DEF tote air units will include AODD pump, hose, and dispense nozzle.

Tote Air Outfits Details

- 2.1. Tote Air Outfits will have an AODD 1/2" Poly pump.
- 2.2. Tote Air Outfits will be assembled and ready for use out of the box.
- 2.3. Tote Air Outfits Closed or Open coupler systems are NOT included in outfit – customer orders separately depending on fluid container requirements.

Tote Air Outfits Available:

- ☐ **1210-054** CF15 Non-metered, Manual Nozzle
- ☐ **1210-056** CF15 Non-metered, Auto Nozzle
- ☐ **1210-057** CF15 Metered, Auto Nozzle

Tote Air Outfits Specifications:

- 4.1. Tote Air Outfits will have a fluid inlet port of 1/2" BSPP (F)
- 4.2. Tote Air Outfits will have a fluid outlet port of 1/2" BSPP (F)
- 4.3. Tote Air Outfits will have an air inlet port of 3/8" BSPP (F)
- 4.4. Tote Air Outfits will have a free flow rate of 14 gal/m (50 l/min)
- 4.5. Tote Air Outfits will have an operating air pressure of 45-100 psi (3-7 bar)

Materials:

- 5.1. The wetted materials will consist of PTFE (Teflon®), Viton®, Polypropylene, Stainless Steel, Hytrel®

Warranty:

- 6.1. Tote Air Outfits will have a 1-year replacement only warranty (defects in materials and workmanship only)