

Electric Diaphragm Pump - Drum Packages



Overview

- 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 castor - built in break 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.
- 4320-007, 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.

MODELS AVAILABLE	DESCRIPTION
<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
<input type="checkbox"/> 1210-053P	12 V DC Metered, Auto Nozzle

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

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 or 12V DC 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:

- 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
- 1210-053P** 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 (1.6 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
- 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 (36 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. Portable Air Outfits will have a 1-year replacement only warranty (defects in materials and workmanship only).

Electric Diaphragm Pump - Tote Packages



Overview

- 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.

MODELS AVAILABLE	DESCRIPTION
<input type="checkbox"/> 1210-046	120 V AC Non-metered, Manual Nozzle
<input type="checkbox"/> 1210-047	120 V AC Metered, Manual Nozzle
<input type="checkbox"/> 1210-048	120 V AC Non-metered, Auto Nozzle
<input type="checkbox"/> 1210-049	120 V AC Metered, Auto Nozzle
<input type="checkbox"/> 1210-050	12 V DC Non-metered, Manual Nozzle
<input type="checkbox"/> 1210-052	12 V DC Non-metered, Auto Nozzle
<input type="checkbox"/> 1210-053	12 V DC Metered, Auto Nozzle

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

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).

CF Diaphragm Pump - Drum Packages



Overview

- 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 break 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.
- 4320-007, 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.

MODELS AVAILABLE	DESCRIPTION
<input type="checkbox"/> 1210-054P	CF15 Non-metered, Manual Nozzle
<input type="checkbox"/> 1210-055P	CF15 Metered, Manual Nozzle
<input type="checkbox"/> 1210-056P	CF15 Non-metered, Auto Nozzle
<input type="checkbox"/> 1210-057P	CF15 Metered, Auto Nozzle

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 1122

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
- 1210-055P** CF15 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)

CF Diaphragm Pump - Tote Packages



Overview

- 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.

MODELS AVAILABLE	DESCRIPTION
<input type="checkbox"/> 1210-054	CF15 Non-metered, Manual Nozzle
<input type="checkbox"/> 1210-055	CF15 Metered, Manual Nozzle
<input type="checkbox"/> 1210-056	CF15 Non-metered, Auto Nozzle
<input type="checkbox"/> 1210-057	CF15 Metered, Auto Nozzle

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 1122

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
- 1210-055** CF15 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)