



First choice when quality counts.™

Fast-Flo® 1:1 and Foam-Cat® 1:1 Drum Models

- Air-powered for high reliability and low cost
- Delivery up to 5 gpm (19 lpm)
- Plate (flat) check options for lower viscosity fluids
- UL options available when installed in accordance with NFPA (National Fire Protection Association) Standards No. 30, Flammable and Combustible Liquids Code, and No. 33 Spray Finishing Using Flammable Materials.

Transfer and supply pumps

Fast-Flo 1:1 pumps are designed to operate at air input pressures up to 180 psi (1.2 MPa, 12 bar) and deliver a smooth, reliable flow. Drum length and stubby models are available for either drum transfer or wall mount siphon feed applications. (See Data Sheet 305-806 for stubby models.) Both carbon steel and stainless steel models with various seal configurations allow a variety of non-corrosive and corrosive materials to be pumped. Ball checks or flat check pump configurations are available to accommodate different viscosity materials.

All pumps have an air control valve, an air line coupler, and a threaded intake valve. An optional air motor piston and valve assembly is available for atmospheric conditions that cause the standard air motor piston seal to swell or wear abnormally.

Typical Fluids Handled

- Anti-freeze
- Windshield washer solvent
- Automatic transmission fluid
- Motor and hydraulic oil
- General chemicals
- Thinners, solvents
- Light viscosity coatings
- Spray adhesives and finishes

Typical Applications

- Transfer from drum to day tank
- Continuous or dead end transfer
- Supply pump for air spray and HVLP (high volume low pressure) spray applications of coatings and wood finishing materials
- Low viscosity spray adhesive supply



Fast-Flo 1:1
226-942

Foam-Cat 1:1
226-946

COMPONENTS

Technical Specifications

Air operating range

Fast-Flo 1:1 60-180 psi (0.3-1.2 MPa, 3-12 bar)

Foam-Cat1:1 226-946 40-180 psi (0.3-1.2 MPa, 3-12 bar)

Maximum air operating pressure for

Fast-Flo 1:1 226-951 60 psi (420 kPa, 4.2 bar)

Max. recommended pump speed

(continuous operation) 100 cycles per minute

Air inlet size 1/4 npt(f)

Fluid inlet size

All Models except Fast-Flo 1:1 226-951 1-1/2 npt(f)

Fast-Flo 1:1 226-951 suction tube

Fluid outlet size 3/4 npt(f)

Max. operating temperature 120°F (49°C)

Weight

Fast-Flo 1:1 20 lb (9 kg)

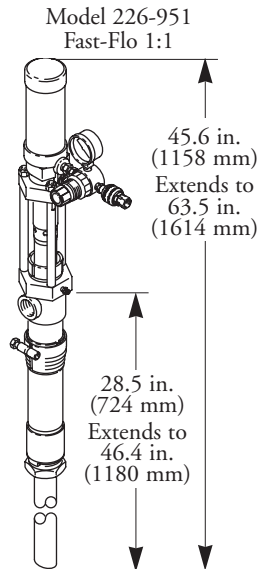
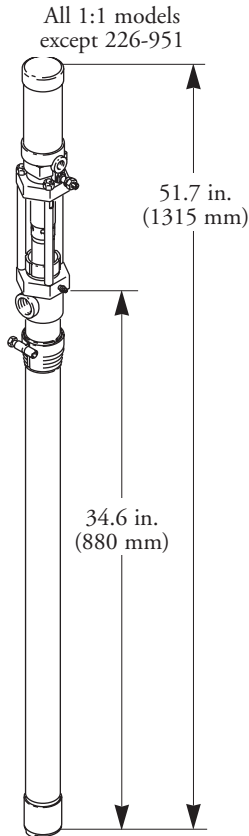
Foam-Cat 1:1 226-946 14.25 lb. (6.5 kg)

Instruction manual

Fast-Flo 1:1 307-427

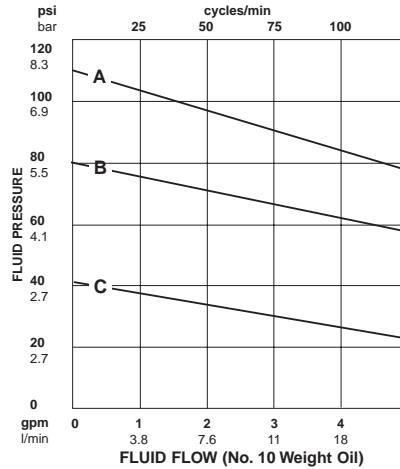
Foam-Cat 1:1 226-946 307-552

Dimensions

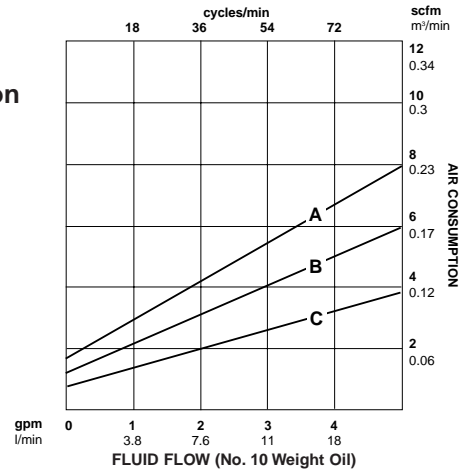


Performance Charts for Fast-Flo 1:1 Pump

Fluid Pressure



Air Consumption



Air Pressures:

A = 100 psi (0.7 MPa, 7 bar)

B = 70 psi (0.49 MPa, 4.9 bar)

C = 40 psi (0.28 kPa, 2.8 bar)

Ordering Information for Fast-Flo & Foam-Cat 1:1 Drum Models

Order number includes motor and pump lower assembly

Order Nos.	Fast-Flo						Foam-Cat			
	226-947	226-951	226-953	237-133	237-134	237-129	226-940	226-941	226-942	226-946
CE-marked						CE	CE			
UL-listed					UL	UL	UL	UL		
SERVICE KIT INFORMATION										
Pump Lower										
Part No.	218-113	218-116	220-440	215-953	237-449	237-253	215-953	215-954	215-955	217-383
Construction	CS	CS	SST	CS	CS	SST	CS	CS	SST	CS
Standard Seal										
Repair Kits	218-112	218-112	218-112	213-012	213-013	213-013	213-012	215-964	215-964	213-013
Construction	Rubber	Rubber	Rubber	Leather	Teflon*	Teflon	Leather Teflon/Leather	Polyethylene UHMWPE	Polyethylene UHMWPE	Teflon
Note: all of these Standard Seal Repair Kits are interchangeable with the other pumps.										
Optional Seal Repair Kits-All Models										
Construction			213-012 Leather	213-013 Teflon						
Motor										
220-168: Air Valve Piston Assembly										
214-584: Repair Kit										
221-038: Viton Conversion Kit (if the pump is in a ketone-rich atmosphere)										

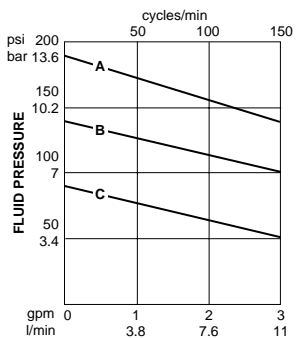
SERVICE PARTS INFORMATION

Pump Lower	218-113	218-116	220-440	215-953	237-449	237-253	215-953	215-954	215-955	217-383
Part Nos.										
Displacement Rod	217-189	217-189	217-211	217-189	217-189	217-211	217-189	217-211	217-189	217-189
Construction	CS	CS	SST	CS	CS	SST	CS	SST	CS	CS
Cylinder	172-416	177-165	178-863	172-416	172-416	178-863	172-416	172-416	172-416	172-416
Construction	CS	CS	SST	CS	CS	SST	CS	CS	CS	CS
Intake Valve (flat/plate style):	217-102	217-102	NA	217-102	217-102	218-427	217-102	217-102	217-102	217-102
Intake Valve, order separate part nos.:										
Valve (ball style)	NA	NA	104-586	NA	104-586	104-586	NA	NA	NA	NA
Guide	NA	NA	177-230	NA	177-230	177-230	NA	NA	NA	NA
Stop Pin	NA	NA	172-399	NA	172-399	172-399	NA	NA	NA	NA
Seat	NA	NA	218-427	NA	218-427	218-427	NA	NA	NA	NA
Piston Valve:										
Valve (flat/plate style)	177-155	177-155	NA	177-155	NA	NA	177-155	177-155	177-155	177-168
(ball style)	NA	NA	104-585	NA	104-585	104-585	NA	NA	NA	NA
Seat	177-151	177-151	172-495	177-151	172-495	172-495	177-151	177-151	177-151	177-151
Stop Pin	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cotter Pin	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA = Not applicable CS = Carbon Steel SST = Stainless Steel *Teflon is a registered trademark of Du Pont.

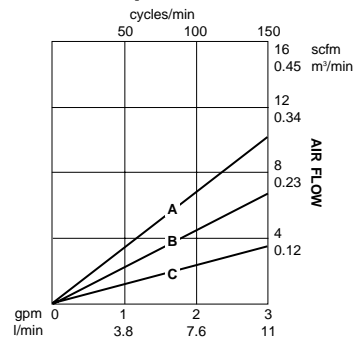
Performance Charts for Foam-Cat 1:1 Pump

Fluid Pressure



FLUID FLOW (No. 10 Weight Oil)

Air Consumption



FLUID FLOW (No. 10 Weight Oil)

Accessories for Fast-Flo 1:1 Drum Pump

210-881 Wall Mounting Bracket

CS. See Instruction Manual 307-458.

210-880 Open Tank/Drum Mounting Clamp

CS. For inline pumps only.

214-583 Bung Adapters

CS. Included with all 55 gal. (210 liter) drum size pumps.

237-569 Ground Wire and Clamp

Length: 25 ft. (7.6 m).

Bleed-Type Master Air Valve (required)

Maximum working pressure: 300 psi (2.1 MPa, 21 bar).

Relieves air trapped in the air line before the pump air inlet when valve is closed.

107-141 Inlet and outlet: 3/4 npt(m x f)

107-142 Inlet and outlet: 1/2 npt(m x f)

110-223 Inlet and outlet: 1/4 npt (mbe)

106-149 Air Line Filter

Maximum working pressure: 250 psi (1.8 MPa, 18 bar).

Inlet and outlet: 1/2 npt(f).

214-848 Air Line Lubricator

Max. working pressure: 250 psi (1.8 MPa, 18 bar). Inlet and

outlet: 1/2 npt(f).

206-199 Air Regulator and Gauge

Maximum working pressure: 300 psi (2.1 MPa, 21 bar)

Inlet and outlet: 1/2 npt(f).

218-316 Air Regulator Kit

Includes air regulator and air pressure gauge, and air quick coupler. Size: 1/8 in. (3 mm). Working pressure range: 0-60 psi (0-0.42 MPa, 0-4.2 bar).

206-994 Throat Seal Liquid

Solvent for wet-cup. 8 oz. (0.24 liter).

200-326 Drum Cover

Sizes: 55 gallon (200 liter). Drum cover mounts on top of open drum, with mounting for Fast-Flo 1:1 metric pump.

101-078 Y-Line Strainer

Maximum working pressure: 500 psi (3.5 MPa, 35 bar).

Ports: 3/4 npt(f). No. 20 mesh screen.

206-265 Spout

For directing fluid into pails. CS. Inlet: 3/4 npt.

215-965 Intake Extension Tube

Length: 10.4 in. (265 mm). Screws into bottom 1-1/2 npt(f) thread of 1:1 metric pump. CS. See instruction manual 307-459.

214-029 Hose and Valve

Max. working pressure: 175 psi (1.2 MPa, 12 bar). Length: 25 ft. (7.6 m). 1/2 npt(m) x 3/4 npt(m). Electrically conductive.

217-381 Foam-Cat 1:1 Ratio Feed Pump Kit

Includes two 226-946 Feed Pumps, two 217-382 10 ft. fluid hoses, two 200-991 10 ft. air hoses, four 102-022 bushings and a 217-341 air dryer.

106-565 ISO pump lubrication

Cartridge size: 14.6 oz. (0.43 liter)

217-382 Fluid Hose, 10 ft.

200-991 Air Hose, 10 ft.

