DRUM/BARREL PUMPS
EF SERIES ATEX

ATEX Certified Best Value Drum Pump

Sealless economy drum pump certified for containter-to-container transfer of flammables or combustibles.

- 316 stainless steel tube
- Air motor
- Perlast® (perfluoroelastomer/FFKM) o-rings
- Hose barb discharge connections
- 1.2 m grounded hose with grounded wire assembly
- ATEX Ex II 1/2G c IIB T3 certified

<u>Applications:</u>
Acetone, alcohol, toluene, xylene, mineral spirits, diesel fuel, kerosene, gasoline, etc.

Construction Specifications

Pump Model	Construction Materials	Tube Diameter	Discharge	Hose Size	Maximum Temperature		Minimum Temperature		Tube Lengths
		in (cm)	Size & Type	in (cm)	°F	°C	°F	°C	in (cm)
EFS	316 SS, FKM, EPDM, Perlast, PTFE, ETFE	1-1/4 (3.2)	3/4" Hose Barb	3/4 (1.9)	212	100	5	-15	16" (41 cm) 27" (69 cm) 40" (102 cm) 48" (122 cm)

Perlast® is a registered trademark of Precision Polymer Engineering Limited.
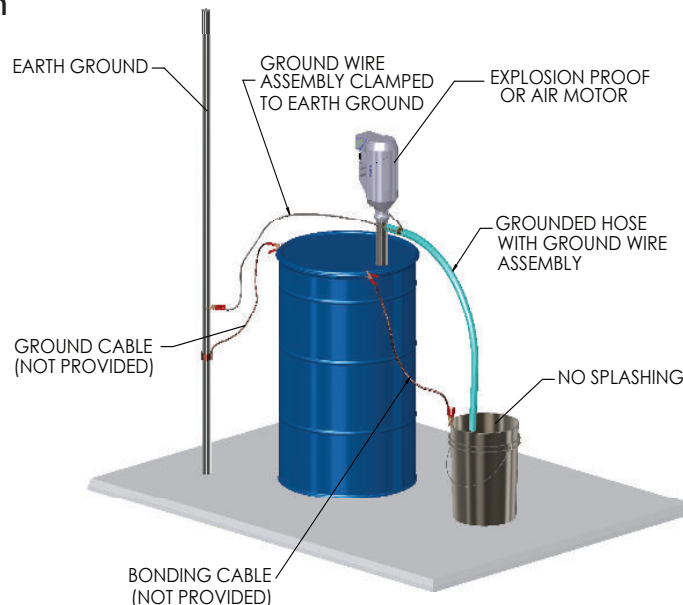
Performance Data

Maximum Flow*	Maximum Head	Maximum Specific Gravity	Maximum Viscosity
Air gpm (lpm)	Air ft (m)		Air
15 (56.8)	17 (5.2)	1.6	50 cP

Use the handy online Pump Selector at www.finishthompson.com for help choosing a pump.

ONLINE PUMP SELECTOR DRUM PUMPS

*Static sparking can cause an explosion. Always follow NFPA 77 and CLC/TR 60079-32-1 guidelines for control of static electricity and proper grounding methods when using ATEX and Hazardous Location motor models.

Explosion-proof Installation

EARTH GROUND

GROUND WIRE ASSEMBLY CLAMPED TO EARTH GROUND

EXPLOSION PROOF OR AIR MOTOR

GROUNDED HOSE WITH GROUND WIRE ASSEMBLY

GROUND CABLE (NOT PROVIDED)

NO SPLASHING

BONDING CABLE (NOT PROVIDED)

MOTOR DATA

**Air
(S4A)**

Model	Description	Certification	Air Requirements	Output W	RPM	Maximum Viscosity cP
ATEX Certified Electric Motors						
S4A	Lightweight. Operates from customer-supplied compressed air source. Variable speed. Muffler and control valve.	CE/ATEX II 2G Ex h IIC T4 Gb II 2D Ex h IIIC T135°C Db +1°C≤T$_{amb}$≤40°C	up to 2.8 bar @ 12.7 lps	370	300-11,000	50

STATIC PROTECTION KIT

Description	Non-Wetted Materials	Hose ID	Hose OD	Fitting Size	Fitting Type
Synthetic rubber cross-linked polyethylene (XLPE) with brass hose fittings and grounding wire	Synthetic rubber with imbedded grounding wire	3/4" (19.1 mm)	1.25" (31.8 mm)	3/4" (19.1 mm)	NPT

NOTE: ATEX compliance requires use of a Static Protection Kit.

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