

STANDARD PRODUCTS

2010

Serving the best value-minded customers,
anywhere on the planet



EQUIP'FLUIDES
Maîtrise et gestion des fluides

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MECHANICAL FLOW METERS ON REQUEST METERS IN GALLON ARE AVAILABLE

Model 806CLX418

- Measurement accuracy
- Pressure
- Connections
- Totalizer
- Current total
- Outlet
- Strainer

±1%
3.5 bar
1" F BSPT/1" F BSPT
6 digits
3 digits Liters (resettable)
Left, Right, Up, Bottom
Yes

FLOW RATE 20 to 75 LPM



Model 807CL1X418

- Measurement accuracy
- Pressure
- Connections
- Totalizer
- Current total
- Outlet
- Strainer
- Optional

±1%
3.5 bar
1" F BSPT/1" F BSPT
6 digits
3 digits Liters (resettable)
Left, Right, Up, Bottom
No
Teflon (Model 807CTL1X418)

FLOW RATE 20 to 75 LPM



Model 901LX418 901L1.5X418

- Measurement accuracy
- Pressure
- Connections
- Totalizer
- Current total
- Outlet
- Strainer
- Optional

±2%
3.5 bar
901LX418: 1" F BSPT / 1" F BSPT
901L1.5X418: 1,5" F BSPT / 1,5" F BSPT
7 digits
4 digits Liters (resettable)
Left, Right, Up, Bottom
No
Teflon (Only for model 901TL1.5X418)

FLOW RATE 25 to 150 LPM



DIGITAL FLOW METERS

Model 820

- Measurement accuracy
- Pressure
- Connections
- Totalizer
- Current total
- Outlet
- Strainer

0.2 % (liquid calibration) - 0.5 % (calibration factor)
8.2 bar
1" F NPT/ 1" F NPT
8 digits
4 digits
Left, Right, Up, Bottom
No

FLOW RATE 8 to 75 LPM



HAND PUMPS

Model FR31L

- Type
- Connections
- 2" threaded tank adapter
- Polypropylene suction pipe
- Nozzle spout
- Anti-siphon valve
- Check Valve

Liter Stroke
2" NPT threaded base with 1/2" NPT suction inlet
Yes
Yes
No
No
Yes

1 L per Cycle



→ Model FR110

- Type
- Connections
- 2" NPT threaded tank adapter
- Hose
- Nozzle spout
- Anti-siphon valve
- Steel suction pipe
- Check Valve & strainer

Rotary Hand Pump
 1" F NPT inlet, 3/4" F NPT outlet
 Yes
 No
 No
 Yes
 No
 Yes

38 L / 100 rev. or strokes



→ Model FR112

- Type
- Counter Kit in Liter
- Connections
- 2" NPT threaded tank adapter
- Discharge Hose / Length
- Nozzle spout
- Anti-siphon valve
- Steel suction pipe/ Length
- Check Valve & strainer

Rotary Hand Pump
 No
 1" F NPT inlet, 3/4" F NPT outlet
 Yes
 3/4" NPT - 2,4 m
 Yes
 Yes
 Yes / 1" M NPT x 1 m
 Yes

38 L / 100 rev. or strokes



→ Model FR112CL

- Type
- Counter kit in Liter
- Connections
- 2" NPT threaded tank adapter
- Discharge Hose / Length
- Nozzle spout
- Anti-siphon valve
- Steel suction pipe/ Length
- Check Valve & strainer

Rotary Hand Pump
 Yes
 1" F NPT inlet, 3/4" F NPT outlet
 Yes
 3/4" NPT - 2,4 m
 Yes
 Yes
 Yes / 1" M NPT x 1m
 Yes

38 L / 100 rev. or strokes



→ Model FR150

- Type
- Connections
- 2" NPT threaded tank adapter
- Hose
- Nozzle spout
- Anti-siphon valve
- Steel suction pipe/ Length
- Check Valve & strainer

Piston Hand Pump
 1" F NPT inlet, 3/4" F NPT outlet
 Yes
 No
 No
 Yes
 No
 Yes

76 L / 100 rev. or strokes



→ Model FR151

- Type
- Connections
- 2" NPT threaded tank adapter
- Hose
- Discharge spout assembly
- Anti-siphon valve
- Telescopic steel suction pipe
- Check Valve & strainer

Piston Hand Pump
 1" F NPT inlet, 3/4" F NPT outlet
 Yes
 No
 Yes
 Yes
 YES/ 1" M NPT x 1m
 Yes

76 L / 100 rev. or strokes



→ Model FR152

- Type
- Connections
- 2" NPT threaded tank adapter
- Discharge Hose
- Nozzle spout
- Anti-siphon valve
- Telescopic steel suction pipe
- Check Valve & strainer

Piston Hand Pump
 1" F NPT inlet, 3/4" F NPT outlet
 Yes
 3/4" NPT - 2,4 m
 Yes
 Yes
 Yes/ 1" M NPT x 1m
 Yes

76 L / 100 rev. or strokes



$$12\text{ V} = \text{30} = 24\text{ V}$$

DIAPHRAGM AC & DC PUMPS

Model FR205

• Motor	¼ HP, 10 Amp
• Connections	1" F NPT inlet / 1" F NPT outlet
• FilCon™ Diaphragm	Yes
• Telescopic steel suction pipe	No
• Discharge Hose	No
• Nozzle	No
• Threated Tank Adapter	2" integrated
• Built-in check valve	Yes
• Thermal overload protection	Yes
• Self-priming	Yes
• By-pass valve & built in strainer	No

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24 V DC MAX 50 LPM*



Model FR210

• Motor	¼ HP, 10 Amp
• Connections	1" F NPT inlet / 1" F NPT outlet
• FilCon™ Diaphragm	Yes
• Telescopic steel suction pipe	1" NPT x 1 m
• Discharge Hose	Ø 1" NPT x 3,6 m
• Nozzle	Manual + size (1" F NPT)
• Threated Tank Adapter	2" integrated
• Built-in check valve	Yes
• Thermal overload protection	Yes
• Self-priming	Yes
• By-pass valve & built in strainer	No

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24 V DC MAX 50 LPM*



Model FR410

• Motor	¼ HP, 20 Amp
• Connections	1" F NPT inlet / 1" F NPT outlet
• FilCon™ Diaphragm	Yes
• Telescopic steel suction pipe	1" NPT x 1 m
• Discharge Hose	Ø 1" x 3,6 m
• Nozzle	manual + size (1" F NPT)
• Threated Tank Adapter	2" integrated
• Built-in check valve	Yes
• Thermal overload protection	Yes
• Self-priming	Yes
• By-pass valve & built in strainer	No

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12 V DC MAX 50 LPM*



Model FR450 E

• Motor	¼ HP 230 Volt AC
• Connections	1" F NPT inlet / 1" F NPT outlet
• FilCon™ Diaphragm	Yes
• Telescopic steel suction pipe	1" NPT x 1 m
• Discharge Hose	Ø 1" x 3,6 m
• Nozzle	Manual + size (1" F NPT)
• Threated Tank Adapter	2" integrated
• Built-in check valve	No
• Thermal overload protection	Yes
• Self-priming	Yes
• By-pass valve & built in strainer	No

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230 V AC MAX 50 LPM*



→ AVAILABLE OPTION : MECHANICAL METER 800 SERIES / DIGITAL METER 820 SERIE

* Flow Rate varies depending on viscosity of fluid

www.equip-fluides.com

$$12\text{ V} = \text{30} = 24\text{ V}$$

30 minutes intermittent duty cycle

$$12\text{ V} = \text{30} = 24\text{ V}$$

DC VANE PUMPS

Model FR1205 CE

- Motor
- Type
- Inlet port size
- Outlet port size
- Threaded TK adapter
- Built-in check valve
- Thermal overload protection
- Self-priming
- By-pass valve & built in strainer

¼ HP, 20 Amp
Heavy Duty Transfer Pump
1" F BSPP
¾" F BSPT
2" BSPT M integrated
Yes
Yes
Yes
Yes

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ATEX 12 V DC MAX 55 LPM*



Model FR2405 CE

- Motor
- Type
- Inlet port size
- Outlet port size
- Threaded TK adapter
- Built-in check valve
- Thermal overload protection
- Self-priming
- By-pass valve & built in strainer

¼ HP, 10 Amp
Heavy Duty Transfer Pump
1" F BSPP
¾" F BSPT
2" BSPT M integrated
Yes
Yes
Yes
Yes

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ATEX 24 V DC MAX 60 LPM*



Model FR4205 DE

- Motor
- Type
- Inlet port size
- Outlet port size
- Threaded TK adapter
- Built-in check valve
- Thermal overload protection
- Self-priming
- By-pass valve & built in strainer

¼ HP, 22 Amp
High Flow Transfer Pump
1" F BSPP
1" F BSPT
2" M BSPT integrated
Yes
Yes
Yes
Yes

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ATEX 12 V DC MAX 75 LPM*



Model FR4405 DE

- Motor
- Type
- Inlet port size
- Outlet port size
- Threaded TK adapter
- Built-in check valve
- Thermal overload protection
- Self-priming
- By-pass valve & built in strainer

¼ HP, 13 Amp
High Flow Transfer Pump
1" F BSPP
1" F BSPT
2" M BSPT integrated
Yes
Yes
Yes
Yes

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ATEX 24 V DC MAX 75 LPM*



AVAILABLE OPTIONS

- Meter
- Discharge Hose
- Telescopic steel suction Pipe
- Nozzle

* Flow Rate varies depending on viscosity of fluid

$$12\text{ V} = \text{30} = 24\text{ V}$$

AC VANE PUMPS

Model FR705 VE

- Motor
- Type
- Inlet port size
- Outlet port size
- Tank adapter - Suction Thread
- Threaded TK adapter
- Meter
- Internal check valve
- Thermal overload protection
- Self-priming
- By-pass valve & built in strainer
- Anti-siphon valve

1/3 HP
Heavy Duty Transfer Pump
2" F BSPP
1" F BSPT
1" F BSPP
2" M BSPT
No
Yes
Yes
Yes
Yes
Yes

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ATEX 230 V AC MAX 75 LPM*



Model FR701 VEL

- Motor
- Type
- Inlet port size
- Outlet port size
- Tank adapter - Suction Thread
- Threaded TK adapter
- Meter
- Internal check valve
- Thermal overload protection
- Self-priming
- By-pass valve & built in strainer
- Anti-siphon valve

1/3 HP
Heavy Duty Transfer Pump
2" F BSPP
1" F BSPT
1" F BSPP
2" M BSPT
807CL1X418
Yes
Yes
Yes
Yes
Yes
Yes

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ATEX 230 V AC MAX 70 LPM*



Model FR318 VE

- Motor
- Type
- Inlet port size
- Outlet port size
- Tank adapter - Suction Thread
- Threaded TK adapter
- Meter
- Internal check valve
- Thermal overload protection
- Self-priming
- By-pass valve & built in strainer
- Anti-siphon valve

3/4 HP
Heavy Duty Transfer Pump
2" F BSPP
1" F BSPT
1" 1/2 F BSPP
2" M BSPT
No
Yes
Yes
Yes
Yes
Yes
Yes

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ATEX 230 V AC MAX 130 LPM*



Model FR311 VEL

- Motor
- Type
- Inlet port size
- Outlet port size
- Tank adapter - Suction Thread
- Threaded TK adapter
- Meter
- Internal check valve
- Thermal overload protection
- Self-priming
- By-pass valve & built in strainer
- Anti-siphon valve

3/4 HP
Heavy Duty Transfer Pump
2" F BSPP
1" F BSPT
1" 1/2 F BSPP
2" M BSPT
901LX418
Yes
Yes
Yes
Yes
Yes
Yes
Yes

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ATEX 230 V AC MAX 120 LPM*



AVAILABLE OPTIONS

- Nozzle
- Discharge Hose
- Telescopic steel suction Pipe for 700

* Flow Rate varies depending on viscosity of fluid

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LPE OIL PUMP

Model LPE3.4B14L

• Motor	1/3 HP
• Type	Heavy Duty Gear Pump
• Maximum outlet pressure	3.4 bar
• Inlet / Outlet thread	2" F BSPT / 3/4" F BSPT
• Inlet suction thread	1" F BSPT
• Quick detach coupler suction thread	1" F BSPT
• Quick detach coupler thread	2" M BSPT
• Built-in check valve	Yes
• Thermal overload protection	Yes
• Self-priming	Yes
• By-pass & pressure relief valve	Yes
• Built in Strainer	Yes

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230 V AC / 50Hz 14 LPM



Model LPE3.4B27L

• Motor	1 HP
• Type	Heavy Duty Gear Pump
• Maximum outlet pressure	3.4 bar
• Inlet / Outlet thread	2" F BSPT / 3/4" F BSPT
• Inlet suction thread	1" F BSPT
• Quick detach coupler suction thread	1" F BSPT
• Quick detach coupler thread	2" M BSPT
• Built-in check valve	Yes
• Thermal overload protection	Yes
• Self-priming	Yes
• By-pass & pressure relief valve	Yes
• Built in Strainer	Yes

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230 V AC / 50Hz 27 LPM



Model LPE13.8B14L

• Motor	1 HP
• Type	Heavy Duty Gear Pump
• Maximum outlet pressure	13.8 bar
• Inlet / Outlet thread	2" F BSPT / 3/4" F BSPT
• Inlet suction thread	1" F BSPT
• Quick detach coupler suction thread	1" F BSPT
• Quick detach coupler thread	2" M BSPT
• Built-in check valve	Yes
• Thermal overload protection	Yes
• Self-priming	Yes
• By-pass & pressure relief valve	Yes
• Built in Strainer	Yes

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230 V AC / 50Hz 14 LPM



Model LPE13.8B27L

• Motor	2 HP
• Type	Heavy Duty Gear Pump
• Maximum outlet pressure	13.8 bar
• Inlet / Outlet thread	2" F BSPT / 3/4" F BSPT
• Inlet suction thread	1" F BSPT
• Quick detach coupler suction thread	1" F BSPT
• Quick detach coupler thread	2" M BSPT
• Built-in check valve	Yes
• Thermal overload protection	Yes
• Self-priming	Yes
• By-pass & pressure relief valve	Yes
• Built in Strainer	Yes

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230 V AC / 50Hz 27LPM



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ACCESSORIES

NOZZLES WITH HOOK AND SWIVEL

References

• Manual Nozzle	— 1" F BSPT	— 100 lpm		2705150500020
• Manual Nozzle for ATEX	— 1" F BSPT	— 100 lpm	— Viton seal	2705150550000
• Automatic Nozzle	— 1" F BSPT	— 60 lpm		41210001
• Automatic Nozzle	— 1" F BSPT	— 60 lpm	— UN	41210002
• Automatic Nozzle	— 1" F BSPT	— 120 lpm		41210003

RUBBER HOSES

References

• 4 m. hose Ø19 mm	— 1" M BSPT x ¾" M BSPT			201015035010
• 4 m. hose Ø19 mm	— 1" M BSPT x ¾" M BSPT	— NORM DIN EN1360		201015035010AX
• 4 m. hose Ø25 mm	— 1" M BSPT x 1" M BSPT			201015035020
• 4 m. hose Ø25 mm	— 1" M BSPT x 1" M BSPT	— NORM DIN EN1360		201015035020AX

TELESCOPIC SUCTION PIPE

References

• Telescopic steel suction pipe 1" M BSPP x 1 M				240007000000
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REPAIR KITS

References

• SERIES 100 PUMP				100KTF1214
• SERIES 600,1200B,2400B				1200KTF6725
• SERIES 300 PUMP,WITH ROTOR COVER				300KTF7794
• SERIES 30 INCLUDES PISTON				30KTF4919
• SERIES 400 RED PUMP				400KTF6862
• 600C, 1200C, 2400C,4200D, AND 4400				4200KTF8739
• SERIES 700B, CARBON VANE				700KTF2659
• SERIES 700A				700KTF3139
• 800B & 800C LITER, BUNA-N				800KTG2542
• 825 METER				825KTF1582
• 900, LITERS, STANDARD SEALS				900KTF8121

ALUMINIUM MANUAL NOZZLE



AUTOMATIC NOZZLE - 1" - 120 L





Select a pump/accessories to create a fuel transfer system that fits your unique application.



DC ATEX PUMPS FOR DIESEL APPLICATIONS

PUMP DC ATEX	OPTIONAL METER		ASSEMBLY KIT Elbow, Nipple, Teflon tape	RUBBER HOSE		NOZZLES WITH HOOK AND SWIVEL			SUCTION PIPE Telescopic	
	3 digits in litres	4 digits in litres		4m 3/4" x 1"	4m 1" x 1"	Manual Alu 1"	Automatic 60L	Automatic 60L UN		Automatic 120L
Part number	807CL1X418	901LX418	KIT 807 or KIT 900	201015035010	201025035020	2705150500020	41210001	41210002	41210003	240007000000
▶ FR1205CE		PUMP ONLY		○		○	○			○
Optional Meter	○		KIT 807		○	○	○			○
▶ FR2405CE		PUMP ONLY		○		○	○			○
Optional Meter	○		KIT 807		○	○	○			○
▶ FR4205DE		PUMP ONLY			○	○			○	○
Optional Meter		○	KIT 900		○	○			○	○
▶ FR4405DE		PUMP ONLY			○	○			○	○
Optional Meter		○	KIT 900		○	○			○	○

DC ATEX PUMPS FOR PETROL/GASOLINE APPLICATIONS

PUMP DC ATEX	OPTIONAL METER		ASSEMBLY KIT Elbow, Nipple, Teflon tape	RUBBER HOSE NORM DIN EN1360		Manual Alu 1" VITON	NOZZLES WITH HOOK AND SWIVEL			SUCTION PIPE Telescopic
	3 digits in litres	4 digits in litres		4m 3/4" x 1"	4m 1" x 1"		Automatic 60L	Automatic 60L UN	Automatic 120L	
Part number	807CL1X418	901LX418	KIT 807 or KIT 900	201015035010AX	201025035020AX	2705150550000	41210001	41210002	41210003	240007000000
▶ FR1205CE		PUMP ONLY		○		○		○		○
Optional Meter	○		KIT 807		○	○		○		○
▶ FR2405CE		PUMP ONLY		○		○		○		○
Optional Meter	○		KIT 807		○	○		○		○
▶ FR4205DE		PUMP ONLY			○	○		○	*	○
Optional Meter		○	KIT 900		○	○		○	*	○
▶ FR4405DE		PUMP ONLY			○	○		○	*	○
Optional Meter		○	KIT 900		○	○		○	*	○

AC ATEX PUMPS FOR DIESEL APPLICATIONS

PUMP AC ATEX	RUBBER HOSE		Manual Alu 1"	NOZZLES WITH HOOK AND SWIVEL			SUCTION PIPE Telescopic
	4m 3/4" x 1"	4m 1" x 1"		Automatic 60L	Automatic 60L UN	Automatic 120L	
Part number	201015035010	201025035020	2705150500020	41210001	41210002	41210003	240007000000
▶ FR705VE w/o Meter	○		○			○	○
▶ FR701VEL with Meter	○		○			○	○
▶ FR318VE w/o Meter		○	○			○	○
▶ FR311VEL with Meter		○	○			○	○

AC ATEX PUMPS FOR PETROL/GASOLINE APPLICATIONS

PUMP AC ATEX	RUBBER HOSE NORM DIN EN1360		Manual Alu 1" VITON	NOZZLES WITH HOOK AND SWIVEL			SUCTION PIPE Telescopic
	4m 3/4" x 1"	4m 1" x 1"		Automatic 60L	Automatic 60L UN	Automatic 120L	
Part number	201015035010AX	201025035020AX	2705150550000	41210001	41210002	41210003	240007000000
▶ FR705VE w/o Meter	○		○		○	*	○
▶ FR701VEL with Meter	○		○		○	*	○
▶ FR318VE w/o Meter		○	○			○	○
▶ FR311VEL with Meter		○	○			○	○

The flow rate will be less than the standard one*



EQUIP'FLUIDES

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