



ADVANTAGES BY KIT – THE INSTANT SOLUTION TO YOUR PUMP SELECTION

FLUX Pump Kits include everything for that quick start required by today's busy engineers and buyers: a ready to work, straight out of the box pump. All component parts, pump motor and accessories are carefully selected to complement each other.

No longer do you have the tedious chore of leafing through catalogues for numerous items, they are all contained in the FLUX Pump Kit.

Select the most suitable combination and see the advantages of buying a FLUX Pump Kit, the new all-inclusive service!

You too can save time and money when you use a FLUX Pump Kit!

As shown in the example FLUX Pump Kit for „Universal Applications“, the motor, hose, taps and any other accessories are pre-assembled for an instant start.





FLUX PUMP KITS FOR:

- 4-5** Acids and alkalis
Concentrated acids and alkalis
- 6** Petroleum products
- 7** High flammability liquids
- 8** Universal applications
- 9** 99,98 % barrel emptying
- 10-11** The great range of FLUX pumps



INNOVATORS IN FLOW TECHNOLOGY

FLUX PUMP KIT „JUNIORFLUX“

for filling, emptying, transferring or dispensing acids and alkalis, ammonia water, photo developers in small amounts out of carboys, hobbcocks, canisters, narrow-necked containers or barrels.

Delivery rate max. 40 l/min, delivery head max. 5,2 m.*

Viscosity max. 500 mPas (cP), temperature max. 45 °C.

JUNIORFLUX F 314 PP-25/19 in Polypropylene
sealless, shaft in Hastelloy C, impellor in ETFE,
outer-Ø 25 mm, thread on outlet G 1 A (BSP 1" male)
Commutator motor 230 Volt, 50 Hz, 230 Watt, IP 24
with 5 m power supply cable and 2-speed switch

Accessories:

Hose connection PP, 1,5 m flexible PVC hose DN 13,
2 hose clips, lever tap PP/FPM

Part No./Weight

Immersion length 700 mm **314 43 007/2,4 kg**



*Maximum performance data obtained with water (20 °C) at the outlet connection of the pump, without discharge hose and hand tap.

FLUX PUMP KITS „ACIDS AND ALKALIS“

for transferring acids and alkalis like ammonia water, hydrofluoric acid (diluted), fruit acids, phosphoric acid, hydrochloric acid and liquid fertilizers.

Delivery rate max. 150 l/min, delivery head max. 7,5 m.*

Viscosity max. 800 mPas (cP), temperature max. 50 °C.

Barrel pump F 430 PP-40/33 in Polypropylene
with mechanical seal in ceramic oxide, PTFE/carbon,
o-rings in FPM, shaft in Hastelloy C, impellor in ETFE,
outer-Ø 40 mm, thread on outlet G 1 1/4 A (BSP 1 1/4" male)

Commutator motor F 417, 230 Volt, 50 Hz, 450 Watt, IP 24
with 5 m power supply cable and 2-pole plug

Accessories:

Hose connection PP, 2 m flexible PVC hose DN 19,
2 hose clips, quick action tap PP/FPM,
compression gland PP

Part No./Weight

Immersion length 1000 mm **417 40 010/4,9 kg**

Immersion length 1200 mm **417 40 012/5,1 kg**



FLUX PUMP KITS „CONCENTRATED ACIDS AND ALKALIS“

for transferring concentrated acids like chloric acid, chromic acid, hydrobromic acid, hydrofluoric acid, nitric acid, sulphuric acid and sodium hypochlorate

Delivery rate max. 170 l/min, delivery head max. 9,5 m.*

Viscosity max. 800 mPas (cP), temperature max. 100 °C.

Barrel pump F 430 PVDF-40/33 in Polyvinylidenfluoride
with mechanical seal in ceramic oxide, PTFE/carbon,
o-rings in FPM, shaft in Hastelloy C, impellor in ETFE,
outer-Ø 40 mm, thread on outlet G 1 1/4 A (BSP 1 1/4" male)

Commutator motor F 458, 230 Volt, 50 Hz, 460 Watt, IP 55
with special corrosion-resistant painting, 5 m power supply
cable and safety plug

Accessories:

Hose connection PVDF, 2 m chemical hose DN 19,
2 hose clips, quick action tap PVDF/FPM,
compression gland PP

Part No./Weight

Immersion length 1000 mm **458 60 010/8,9 kg**

Immersion length 1200 mm **458 60 012/9,2 kg**



FLUX PUMP KIT „PETROLEUM PRODUCTS“

for transferring petroleum products like Diesel oil, fuel oil, hydraulic oil, lubeoil and engine oil.

Delivery rate max. 180 l/min, delivery head max. 7,5 m.*

Viscosity max. 600 mPas (cP), temperature max. 120 °C.

Barrel pump F 430 AL-41/38 in Aluminium alloy
with mechanical seal in ceramic oxide, PTFE/carbon,
o-rings in NBR, shaft in stainless steel 316 Ti, impellor in ETFE,
outer-Ø 41 mm, thread on outlet G 1 1/4 A (BSP 1 1/4" male)

Commutator motor F 417, 230 Volt, 50 Hz, 450 Watt, IP 24
with 5 m power supply cable and 2-pole plug

Accessories:

Hose connection AL, 2 m petroleum hose DN 25,
2 hose clips, quick action tap AL/NBR,
compression gland PP

Part No./Weight

Immersion length 1000 mm **417 10 010/6,2 kg**

Immersion length 1200 mm **417 10 012/6,5 kg**



FLUX PUMP KIT „PETROLEUM PRODUCTS“

Delivery rate max. 220 l/min, delivery head max. 12 m.*

Viscosity max. 800 mPas (cP), temperature max. 120 °C.

Barrel pump and accessories as above, but complete with

Commutator motor F 457, 230 Volt, 50 Hz, 800 Watt, IP 24
with 5 m power supply cable and 2-pole plug

Part No./Weight

Immersion length 1000 mm **457 10 010/7,8 kg**

Immersion length 1200 mm **457 10 012/8,1 kg**



*Maximum performance data obtained with water (20 °C) at the outlet connection of the pump, without discharge hose and hand tap.

FLUX PUMP KITS „HIGH FLAMMABILITY LIQUIDS“

for transferring high flammability liquids like acetone, butyl alcohol, ethyl alcohol, methyl alcohol, gasoline, toluene, xylene, etc.

Delivery rate max. 200 l/min, delivery head max. 9,5 m.*

Viscosity max. 800 mPas (cP), temperature max. 120 °C.

Barrel pump F 424 S-43/38 in Stainless steel**
sealless, shaft in stainless steel 316 Ti, impellor in ETFE,
outer-Ø 41/43 mm, thread on outlet G 1 1/4 A (BSP 1 1/4" male)

Commutator motor F 460 Ex, 230 Volt, 50 Hz, 460 Watt,
explosion-proof according to II 2 G EEx de IIC T6
with 5 m power supply cable and safety plug

Accessories:

Earth ground wire 2 m long, chemical hose kit DN 19, 2 m long, complete with swaged fittings in brass on both ends, electrically conductive, quick action tap MS/PTFE (brass nickel-plated), compression gland PP

Part No./Weight

Immersion length 1000 mm	460 24 010 /11,5 kg
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Immersion length 1200 mm	460 24 012 /12,0 kg
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FLUX PUMP KITS „HIGH FLAMMABILITY LIQUIDS“

Delivery rate max. 240 l/min, delivery head max. 13 m.*

Viscosity max. 1000 mPas (cP), temperature max. 120 °C.

Barrel pump and accessories as above, but complete with

Compressed air motor F 416 Ex,
explosion-proof to II 2 G cp IIC T6

Part No./Weight

Immersion length 1000 mm	416 24 010 /8,0 kg
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Immersion length 1200 mm	416 24 010 /8,5 kg
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** FLUX Barrel pumps in stainless steel are approved according to Directive 94/9/EG-ATEX 100, category 1 for use in Zone 0, and marked II 1/2 G IIB T4.

FLUX PUMP KIT „UNIVERSAL APPLICATIONS“

in the following industries: chemical, paint and varnishes, food, cosmetics, pharmaceutical.

Delivery rate max. 240 l/min, delivery head max. 13 m.*
Viscosity max. 1000 mPas (cP), temperature max. 120 °C.

Barrel pump F 430 S-41/38 in Stainless steel**
with mechanical seal in ceramic oxide, PTFE/carbon, o-rings in FPM, shaft in stainless steel 316 Ti, impellor in ETFE, outer-Ø 41 mm, thread on outlet G 1 1/4 A (BSP 1 1/4" male)

Compressed air motor F 416 Ex, explosion-proof to II 2 G cp IIC T6

Accessories:

Earth ground wire 2 m long, chemical hose kit DN 19, 2 m long, complete with fittings in stainless steel on both ends, electrically conductive, quick action tap S/PTFE/FEP (stainless steel), compression gland PP

Part No./Weight

Immersion length 1000 mm	416 20 010 /8,2 kg
Immersion length 1200 mm	416 20 012 /8,7 kg



FLUX PUMP KIT „UNIVERSAL APPLICATIONS“

Delivery rate max. 200 l/min, delivery head max. 9,5 m.*
Viscosity max. 800 mPas (cP), temperature max. 120 °C.

Barrel pump and accessories as above, but complete with

Commutator motor F 460 Ex, 230 Volt, 50 Hz, 460 Watt, explosion-proof according to II 2 G EEx de IIC T6
with 5 m power supply cable and safety plug

Part No./Weight

Immersion length 1000 mm	460 20 010 /11,7 kg
Immersion length 1200 mm	460 20 012 /12,2 kg



*Maximum performance data obtained with water (20 °C) at the outlet connection of the pump, without discharge hose and hand tap.

FLUX PUMP KIT „99,98 % BARREL EMPTYING“

the safe and cost-efficient solution for transferring high value or hazardous liquids.

Delivery rate max. 115 l/min, delivery head max. 8 m.*

Viscosity max. 800 mPas (cP), temperature max. 120 °C.

Barrel pump F 425 S-41/34 in Stainless steel**

with mechanical seal in ceramic oxide, PTFE/carbon, o-rings in FPM, shaft in stainless steel 316 Ti, impeller in ETFE, outer-Ø 41 mm, thread on outlet G 1 1/4 A (BSP 1 1/4" male)

Commutator motor F 460 Ex, 230 Volt, 50 Hz, 460 Watt, explosion-proof according to II 2 G EEx de IIC T6, with 5 m power supply cable and safety plug

Accessories:

Earth ground wire 2 m long, chemical hose kit DN 19, 2 m long, complete with fittings in stainless steel on both ends, electrically conductive, quick action tap S/PTFE/FEP (stainless steel), compression gland PP

Part No./Weight

Immersion length 1000 mm **460 25 010**/12,5 kg

Immersion length 1200 mm **460 25 012**/13,0 kg



FLUX PUMP KIT „99,98 % BARREL EMPTYING“

Delivery rate max. 130 l/min, delivery head max. 13 m.*

Viscosity max. 1200 mPas (cP), temperature max. 120 °C.

Barrel pump and accessories as above, but complete with

Compressed air motor F 416 Ex, explosion-proof to II 2 G cp IIC T6

Part No./Weight

Immersion length 1000 mm **416 25 010**/9,0 kg

Immersion length 1200 mm **416 25 011**/9,5 kg



** FLUX Barrel pumps in stainless steel are approved according to Directive 94/9/EG-ATEX 100, category 1 for use in Zone 0, and marked II 1/2 G IIB T4.

FLUX LIQUID METER TYPE FMC 100

If you want to keep your liquids under control, FLUX Pump Kits can be completed by a Liquid Meter Type FMC 100. 3 models are available in PP, ETFE or stainless steel for flowrates of 10 – 100 l/min. An easy-to-read 7-digit LCD together with multifunctional keys ensures a simple calibration and input, everything for easy use by the operator. All models are explosion-proof to II 2 G EEx ia IIB T6 according to Directive 94/9/EC-ATEX 100. For detailed information and part numbers please refer to our catalogue FLUX LIQUID METER TYPE FMC, which is available on simple request.



FLUX ECCENTRIC WORM-DRIVE PUMP TYPE F 550 GS

If it comes to more viscous fluids –
FLUX Eccentric worm-drive pump Type F 550 GS.

Lightweight, portable barrel pump in stainless steel with planetary gear for transferring paints, varnishes, oils, detergents, soaps, shampoos, fruit juices, jams, syrups, etc.

Delivery rate up to 50 l/min,
delivery head up to 8 bar,
viscosity up to 30.000 mPas (cP),
temperature up to 150 °C.

With electric or compressed air motor.

Detailed information, also on further models, can be seen in our catalogue FLUX HIGH VISCOSITY LIQUID PUMPS, which is available on simple request.

THE GREAT RANGE OF FLUX PUMPS

YES!

I am interested in top class pump technology.
Please send the following catalogues:

- FLUX JUNIORFLUX
- FLUX CONTAINER PUMPS
- FLUX BARREL AND CONTAINER PUMPS
- FLUX HIGH VISCOSITY LIQUID PUMPS
- FLUX CENTRIFUGAL IMMERSION PUMPS
- FLUX AIR-OPERATED DIAPHRAGM PUMPS
- FLUX LIQUID METERS
- FLUX PROCESS CONTROL SYSTEM PCS



Mr. / Mrs:

Company:

Address:

ZIP / City / Country:

Telephone:

Fax:

eMail:

Please mark with a cross, complete the address and then sent us a fax. Fax number see on the back side!



THE GREAT RANGE OF FLUX PUMPS



INNOVATORS IN FLOW TECHNOLOGY



WORLD OF PUMPS – PUMPS FOR THE WORLD

All around the globe, FLUX is synonymous with top standards in pump technology. Whether it is barrel pumps, high viscosity liquid pumps, vertical centrifugal immersion pumps, air-operated diaphragm pumps, liquid meters, mixers or top class accessories – FLUX with its complete and comprehensive range is always the one to address to. Benefit from our competence. We look forward to hearing from you!

