KIT Finder

Pardon our dust as we work on a new tool to allow you to find the kits you need. In the mean time, this version is functional and will take you to exactly what you need.

The Tuthill Marketing Team
Small Pump Kits
- FR1200 / FR2400 / FR4200 / FR4400 / FR600 / SD1200 / SD600 / 1600

FR3200 Series Kits
NX3200 Series Kits
FR700 Kits
Cabinet Meter/Pump Kits
FR300 Kits
800 Series Meter Kits
900 Series Meter Kits
TN Meter Kits
Turbine Meter Kits

Hand Pump Kits
RD Pump Kits
DEF Kits
Small Pump Kits

- 4200KTF8739 – Rebuild
- 1200KTG8572 – Rebuild
- KIT120RKG – Rebuild for G Series
- BD4200KTH0710 – Rebuild (Bio-Diesel)
- KIT120BD – Bio-Diesel Conversion
- KIT120BG – Inlet Flange
- KIT120BV – Bypass Valve
- KIT120ES – Switch & Fork
- KIT120FLG – 4200 Meter Flange
- KIT120JC – Junction Box Cover
- KIT120NB – Nozzle Boot
- KIT120RG – Rotor / Vane / Cover
- KIT120RGG – Rotor / Vane / Cover - G Series
- KIT120SG – Inlet Screen & Gasket
- KIT120SL – Shaft Seal
- KIT120SW – Switch Lever
- KIT120CBR – Thermal Protector / Rectifier for 600 Series
- KITFR1612 – Rebuild
- KIT120VG – Vanes / Rotor Key / Rotor Cover Gasket

- KIT120VP – Bulk Vane and Key
- KIT120TPP – Bulk Thermal Protector
- KIT120RKP – Bulk Rotor Key
- KIT120RHP – Bulk Brush and Holder
- KIT120RGP – Bulk Rotor
- KIT120ESP – Bulk Electrical Switch
- KIT700SSP – Bulk Switch Shaft
- KIT120CCP – Bulk Cable Connector
- KIT120BPP – Bulk Bypass Poppet
- KIT120CP – Bulk Capacitor Kit
- KIT100GBP – Bulk Inlet Gasket
- KIT700FGP – Bulk Discharge Gasket
- KIT120ARM – FR1200 / SD1200 Motor
- KIT121ARM – FR2400 Motor
- KIT122ARM – FR4200 Motor
- KIT123ARM – FR4400 Motor
- KIT124ARM – FR600 / SD600 Motor
FR700 Series Pump Kits

- 700KTF2659 – Rebuild
- BD700KTH0711 – Bio-Diesel Rebuild
- KIT700AS – Anti-Siphon
- KIT700BD – Bio-Diesel Conversion
- KIT700BG – Bung Adapter
- KIT700BV – Bypass Valve
- KIT700CV – Check Valve
- KIT700JC – Junction Box Cover
- KIT120NB – Nozzle Boot
- KIT700MA – Meter Flange – 800 Series
- KIT700OT – Straight ¾” Outlet Flange
- KIT700OT1 – Straight 1” Outlet Flange
- KIT700RG – Rotor / Vane / Cover
- KIT700SG – Inlet Screen & Gasket
- KIT700SL – Shaft Seal
- KIT700SW – Switch Lever
- KIT900PF – Meter Flange – 900 Series

- KIT700AVBP – Bulk Anti-Siphon Body
- KIT700VP – Bulk Vane and Key
- KIT700RKP – Bulk Rotor Key
- KIT700RP – Bulk Rotor
- KIT700FGP – Bulk Discharge Gasket
- KIT120ESP – Bulk Electrical Switch
- KIT700SSP – Bulk Switch Shaft
- KIT700CVP – Bulk Check Valve Assembly
- KIT120BPP – Bulk Bypass Poppet
- KIT700BPS – Bulk Bypass Spring
- KIT300GBP – Bulk Rotor Cover Gasket
- KIT300FGP – Bulk Discharge Flange Gasket
- KIT300GSK – Bulk Inlet Flange Gasket
FR300 Series Pump Kits

- 300KTF7794 – Rebuild
- BD300KTH0712 – Bio-Diesel Rebuild
- KIT300BD – Bio-Diesel Conversion
- KIT700AS – Anti-Siphon
- KIT700BG – Bung Adapter
- KIT300BV – Bypass Valve
- KIT300JC – Junction Box Cover
- KIT300NB – Nozzle Boot – Old Style
- KIT120NB – Nozzle Boot – New Style
- KIT300NR – Nozzle Retainer
- KIT300MA – Meter Flange
- KIT300OT – Straight Outlet Flange
- KIT300RG – Rotor / Vane / Cover
- KIT300SG – Check Valve / Strainer
- KIT700SL – Shaft Seal
- KIT300SW – Switch Lever

- KIT700AVBP – Bulk Anti-Siphon Body
- KIT300IP – Bulk Rotor Inserts
- KIT300VP – Bulk Vane and Key
- KIT300RIP – Bulk Rotor and Rotor Insert
- KIT300CVP – Bulk Check Valve / Strainer
- KIT300BVP – Bulk Bypass Valve
- KIT300GBP – Bulk Rotor Cover Gasket
- KIT300FGP – Bulk Discharge Flange Gasket
- KIT300GSK – Bulk Inlet Flange Gasket
FR3200 Series Pump Kits

- KIT320RK – Rebuild
- KIT320RG – Rotor / Vane / Cover
- KIT320MA – Meter Flange
- KIT320BG – Inlet Flange
- KIT320BV – Bypass Valve
- KIT320SK – External Seals
- KIT320SW – Line Switch / Breaker
- KIT320SL – Shaft Seal
- KIT120NB – Nozzle Boot
- KIT120SG – Inlet Screen and Gasket
- KIT120RKP – Bulk Rotor Key
- KIT100GBP – Bulk Inlet Gasket
NX3200 Series Pump Kits

- KIT321BG – NPT Inlet Flange
- KIT321BGB – BSPP Inlet Flange
- KIT321BV – Bypass Valve
- KIT321NB – Nozzle Boot
- KIT321AC – Power Cable
- KIT321RG – Rotor / Vanes / Cover
- KIT321RK – Rebuild Kit
- KIT321SK – All External Seals
- KIT321SW – Switch Assembly
- KIT320SL – Shaft Seal
- KIT120SG – Inlet Screen and Gasket
- KIT120RKP – Bulk Rotor Key
- KIT100GBP – Bulk Inlet Gasket
Hand Pump Kits

30 Series Quart Stroke
- 30KTF4919 - Rebuild
- KIT100WGP – Bulk Wood Handle

100 Series Rotary
- 100KTF1214 - Rebuild
- KIT100WHP – Bulk Shaft Seal
- KIT120SG – Inlet Screen and Gasket
- KIT152VBP – Bulk Vacuum Breaker
- KIT100GBP – Bulk Inlet Gasket
- KIT100WGP – Bulk Wood Handle

5200 Series Piston
- 5200KTF1828 – Rebuild
- KIT152VB – Vacuum Breaker
- KIT152HA – Handle Kit
- KIT152VBP – Bulk Vacuum Breaker
800 Meter Kits

800 Series

• 800KT - Rebuild
• KIT800GR – Gallon Register and Faceplate
• KIT800LR – Liter Register and Faceplate
• KIT800MK – To Mount Meter to Sml Pmps
• KIT800FPP – Bulk Gallon Faceplates
• KIT800LFPP – Bulk Liter Faceplates
• KIT800REP – Bulk Gallon Registers
• KIT800LREP – Bulk Liter Registers
• KIT800CGP – Bulk Buna Cover Gasket
• KIT800RBPK – Bulk 1” x ¾” Reducer Bushing
• KIT702MG – Gallon Meter Sub Assembly
• KIT702ML – Liter Meter Sub Assembly
900 Meter Kits

900 Series

- 900KT – Rebuild
- KIT900GR – Gallon Register and Faceplate
- KIT900LR – Liter Register and Faceplate
- KIT900PF1.5N – 1½” NPT Nkl Meter Flange
- KIT900PF1.5B – 1½” BSP Nkl Meter Flange
- KIT900PF1N – 1” NPT Nkl Meter Flange
- KIT900PF1B – 1” BSP Nkl Meter Flange
- KIT900FPP – Bulk Gallon Faceplates
- KIT900REP – Bulk Gallon Registers
- KIT900LFPP – Bulk Liter Faceplates
- KIT900LREP – Bulk Liter Registers
- KIT900FGP – Bulk 1½” Meter Flange/Gasket
- KIT900CGP – Bulk Buna Cover Gasket
- KIT300GSK – Bulk Inlet / Outlet Flange Gasket
- KIT900PF – Meter Pump Flange
- KIT120FLG – 4200 Meter Flange

900 Digital Series

- 900DKT – Rebuild
- KIT900PF – Meter Pump Flange
- KIT900PF1.5N – 1½” NPT Nkl Meter Flange
- KIT900PF1.5B – 1½” BSP Nkl Meter Flange
- KIT900PF1N – 1” NPT Nkl Meter Flange
- KIT900PF1B – 1” BSP Nkl Meter Flange
- KIT900DPBA – Intrinsically Safe Barrier
- KIT900CDFP – 900CD Electronic Faceplate
- KIT900CDPFP – 900CDP Electronic Faceplate
TN Meter Kits

**TN740 Meters**
- MC8600 – Meter Chamber Assembly
- RK8101 – Control Plate, Fluorocarbon Seals
- KIT900LREP – Bulk Registers
- RK3700 – Register Cover and Reset Knob
- PL5250 – Cover, Gasket, and Screws

**TN860 Meters**
- MC8800 – Meter Chamber Assembly
- RK8101 – Control Plate, Fluorocarbon Seals
- RK8201 – Control Plate, PTFE Seals
- KIT900LREP – Bulk Registers
- RK3700 – Register Cover and Reset Knob
- PL5250 – Cover, Gasket, and Screws

**TN760 Meters**
- MC8800 – Meter Chamber Assembly
- RK8101 – Control Plate, Fluorocarbon Seals
- KIT900LREP – Bulk Registers
- RK3700 – Register Cover and Reset Knob
- PL5250 – Cover, Gasket, and Screws
Turbine Meter Kits

TT Turbine Meter Kits

- KITMODTT10A – TT10A Replacement Module
- KITMODTT10P – TT10P Replacement Module
# Cabinet Meter and Pump Kits

## FR702 Pump Cabinets
- 702KTF3518 – Unv Nozzle Boot / Switch Rod
- KIT702FP – Old FR702 Faceplate
- KIT702VELRUFP – FR702VELRU Faceplate
- KIT702VLRUFP – FR702VLRU Faceplate
- KIT702VRFP – FR702VR Faceplate
- KIT702VRGUF – FR702VRGU Faceplate
- KIT702VRUFP – FR702VRU Faceplate
- KIT702MG – Gallon Meter Sub Assembly
- KIT702ML – Liter Meter Sub Assembly
- KIT902CC – Clear Cover

## FR902C Meter Cabinets
- KIT902LRFP – FR902CLR Faceplate
- KIT902LRUFP – FR902CLRU Faceplate
- KIT902RFP – FR902CR Faceplate
- KIT902RUFP – FR902CRU Faceplate
- KIT902HA – Switch Handle Assembly
- KIT902CC – Clear Cover
- KIT902LS – Line Switch for FR902C
- KIT902SV – Solenoid Valve
- LIT902MB – Wall Mount Bracket

## FR902DPU and FR302DPU Meter Cabinets
- KIT900CABINT – 900 Digital Meter (902/302)
- KIT302DPD – Register Assy for 902 / 302
- KIT305NZ – Universal Nozzle Boot
- KITPD – Pedestal
- KITWM – Wall Mount Bracket
RD Series Pump Kits

- KIT812PC – Power Cable Kit
- KIT812RG – Rebuild Kit for 8 GPM Pump
- KIT812FL – Single NPT Flange Kit
- KIT812FLB – Single BSPP Flange Kit
- KIT812SL – Seal Kit
- KIT812NH – Hose Kit for 8 GPM Pump
- KIT812NP – Bung Mount Kit
- KIT1212NH – Hose Kit for 12 GPM Pump
- KIT1212RG – Rebuild Kit for 12 GPM Pump
DEF Kits

Stainless Steel DEF Kits
- KIT180DTPS – Suction Tube Assembly
- KIT180MPPS – Tote Mounting Plate
- KIT180MAPS – Plate, Nozzle, and Hose
- KIT180MAMPS – Plate, Meter, Noz, Hose
- KIT180SP – SS ¾" BSPP Union
- KITFR32V – Rebuild Kit for SS DEF Pump
- KITFR55DU – 55 Gallon Drum Stand

DEF Hand Pump Kits
- KITHA32V – Hose w/ Ball Valve Tap
- KITHA32VMN – Hose w/ Manual Nozzle

DEF Kits
- KITDFDB – Drum Bracket
- KITDFFK – Fittings
- KITDFH05 – 5’ x ¾” Suction Hose
- KITDFH20 – 20’ x ¾” Discharge Hose
- KITDFHF – Replacement Handle and Foot
- KITDFNB – Nozzle Boot Reservoir
- KITDFPK – Spare Parts
4200KTF8739 Rebuild Kit

- Used in all FR1200C, FR2400C, FR4200D, FR4400, and FR600 Pumps.
- Used in SD1200 and SD600 Pumps with a manufacture date after 4404.
- Always replace the rotor and rotor cover to ensure they are the same hardness.
1200KTG8572 Rebuild Kit

- Used in all FR1200B and FR2400B Pumps.
- Used in SD1200 and SD600 Pumps with a Manufacture date before 4404.
- Always replace the rotor and rotor cover to ensure they are the same hardness.
KIT120RKG Rebuild Kit

BD4200KTH0710 Bio-Diesel Rebuild Kit

- Used in all BD1200 and BD4200 Pumps.
- Always replace the rotor and rotor cover to ensure they are the same hardness.
- O-Rings will be brown or black with a red dot.
- Tip on bypass valve will be black with red dot.
- Inlet gasket is black.
- All rubber components are fluorocarbon (Viton).
KITFR1612 – Rebuild Kit

- Used in FR1600 Series Pumps (FR1612, FR1614, and FR1616)
KIT120BD – Bio-Diesel / E85 Conversion Kit

• Use to convert any FR1200 / FR2400 / FR4200 / FR4400 / FR600 / SD1200 / SD600 to be used with Bio-Diesel blends of B21 or greater, or E85.

• When dispensing E85, run the pump at a minimum of 3 times a week to ensure no water builds up in the pump and causes it to rust and lock up.

• All of the items in this kit are made of Fluorocarbon (Viton).
  – The o-rings will either be brown or black. If black, they will have a red paint spot.
  – The rubber tip for the bypass valve will have a red paint spot.
  – The inlet gasket is black.
KIT120BG – Inlet Flange Kit

- For all FR1200, FR2400, FR4200, FR4400, FR600, SD1200, and SD600 Pumps.
KIT120BV – Bypass Valve Kit

- For all FR1200, FR2400, FR4200, FR4400, FR600, SD1200, and SD600 Pumps.
KIT120ES – Line Switch and Shaft Kit

- For all FR1200, FR2400, FR4200, FR4400, FR600, SD1200, and SD600 Pumps.

Table of Contents

- Small Pump Kits

Switch Shaft Assembly

- Retaining Ring
- Quad O-Ring
- Spring Washer
- Gasket – Goes Between Switch Plate and End Bell

Line Switch
KIT120FLG – 1” Meter Flange for 4200 Pumps

- For use with FR4200 and FR4400 Pumps.
- This is the old 305F0998 flange.

Using Pipe Nipple, Connect Inlet of Flange to Pump Discharge

Bolts (4) to Attach Meter to Flange

O-Ring

Meter Side

Meter Flange
KIT120JC – Junction Box Cover Kit

- For all FR1200, FR2400, FR4200, FR4400, FR600, SD1200, and SD600 Pumps.

Junction Box Cover – Will Have Danger Label Applied in Kit

Screws (4) to Attach Cover to Pump
KIT120NB – Nozzle Boot Kit

- For all FR1200, FR2400, FR4200, FR4400, FR600, SD1200, SD600, FR700, FR300 and FR3200 Pumps.
KIT120RG – Rotor Group Kit

- For all FR1200, FR2400, FR4200, FR4400, FR600, SD1200, and SD600 Pumps.
- Always replace the rotor and rotor cover to ensure they are the same hardness.
KIT120RGG – Rotor Group Kit – G Pumps

• Always replace the rotor and rotor cover to ensure they are the same hardness.
KIT120VG – Vane Kit

- For all FR1200, FR2400, FR4200, FR4400, FR600, SD1200, and SD600 Pumps.
KIT120SG – Inlet Screen and Gasket Kit

• For all FR1200, FR2400, FR4200, FR4400, FR600, SD1200, SD600, 3200 and 100 Series Pumps.

Inlet Screen

Inlet Gasket – Material is Cork and Buna
KIT120SL – Shaft Seal Kit

• For all FR1200, FR2400, FR4200, FR4400, FR600, SD1200, and SD600 Pumps.
• Depending on the age of your pump, you may need to use 1, 2 or all 3 of the washers. Instructions are included in the kit.
KIT120CBR – Thermal Protector / Rectifier Kit

- For all FR600 and SD600 Pumps.
KIT120SW – Switch Lever Kit

- For all FR1200, FR2400, FR4200, FR4400, FR600, SD1200, and SD600 Pumps.

Switch Lever
aka: On / Off Lever

Lock Nut
KIT120VP – Bulk Vane Kit

- For all FR1200, FR2400, FR4200, FR4400, FR600, SD1200, and SD600 Pumps.

Rotor Key – 10 Pieces

Vanes – 50 Pieces
KIT120TPP – Bulk Thermal Protector Kit

• For all FR1200, FR4200, and SD1200 Pumps.

Thermal Protector – 10 Pieces
KIT120RKP – Bulk Rotor Key Kit

- For all FR1200, FR2400, FR4200, FR4400, FR600, SD1200, SD600, and 3200 Pumps.

Rotor Key – 15 Pieces
KIT120RHP – Bulk Brush and Holder Kit

- For all FR1200, FR2400, FR4200, FR4400, and SD1200.

- Negative Brush – 5 Pieces
- Positive Brush – 5 Pieces
- Brush Holder Screws – 5 Sets
- Brush Holder – 5 Pieces
KIT120RGP – Bulk Rotor Kit

- For all FR1200, FR2400, FR4200, FR4400, FR600, SD1200, and SD600 Pumps.

Rotor – 5 Pieces
KIT120ESP – Bulk Line Switch Kit

- For all FR1200, FR2400, FR4200, FR4400, SD1200, SD600, and FR700 Series Pumps.

- This is a single pole, single throw switch.

Line Switch – 10 Pieces
KIT120CCP – Bulk Cable Connector Kit

- For all FR1200, FR2400, FR4200, FR4400, and SD1200 Pumps.
KIT120BPP – Bulk Bypass Valve Kit

• For all FR1200, FR2400, FR4200, FR4400, FR600, SD1200, SD600, and FR700 Series Pumps.

Bypass Valve – 10 Pieces
KIT100GBP – Bulk Inlet Gasket Kit

- For all FR100, FR1200, FR2400, FR4200, FR4400, FR600, SD1200, SD600, and 3200 Pumps.

Inlet Gasket (Cork and Buna-N) – 15 Pieces
KIT120CP – Bulk Capacitor Kit

- For all FR1200, FR2400, FR4200, and FR4400 Pumps with the “E” Option.
- “E” Option = Approvals for Europe, Australia, New Zealand, and Brazil.

Capacitor - 10 Pieces
KIT120ARM – FR1200 / SD1200 Motor Kit

- For FR1200 and SD1200 Pumps.

Armature w/ Bearings

**KIT120SL** – Shaft Seal

Thermal Protector

Line Switch

Brush Holder, Brush Holder Screws (2), Positive and Negative Brush

Switch Plate Gasket
KIT121ARM – FR2400 Motor Kit

- For FR2400 Pumps.

Armature w/ Bearings

KIT120SL – Shaft Seal

Thermal Protector

Brush Holder, Brush Holder Screws (2), Positive and Negative Brush

Line Switch

Switch Plate Gasket
KIT122ARM – FR4200 Motor Kit

- For FR4200 Pumps.

Armature w/ Bearings

KIT120SL – Shaft Seal

Thermal Protector

Brush Holder, Brush Holder Screws (2), Positive and Negative Brush

Line Switch

Switch Plate Gasket
KIT123ARM – FR4400 Motor Kit

- For FR4400 Pumps.

- Armature w/ Bearings
- KIT120SL – Shaft Seal
- Thermal Protector
- Brush Holder, Brush Holder Screws (2), Positive and Negative Brush
- Line Switch
- Switch Plate Gasket
**KIT124ARM – FR600 / SD600 Motor Kit**

- Armature w/ Bearings
- Circuit Board with Thermal Protector and Rectifier
- Screw and Wire Nut
- **KIT120SL** – Shaft Seal
- Line Switch
- Switch Plate Gasket
- Brush Holder, Neutral Wire, Brush Holder Screws (2), Brushes (2)
700KTF2659 Rebuild Kit

- For all FR700B and FR700V series Pumps.
- Always replace the rotor, rotor cover, and rotor cover bolts to ensure they are the same hardness.

Shaft Seal Assembly – KIT700SL

Carbon Vanes

Rotor Key

Rotor

Bypass Valve and O-Ring

Inlet Flange Gasket

Rotor Cover, Bolts (2) and O-Ring

Strainer Cap Gasket

Check Valve Gasket

Discharge Flange / Meter Gasket
BD700KTH0711 – Bio-Diesel Rebuild Kit

- For BD700V or an FR700 series pump that has been converted using the KIT700BD Kit.
- All gaskets and bypass tip are Fluorocarbon.
- Always replace the rotor, rotor cover, and rotor cover bolts to ensure they are the same hardness.

Table of Contents

FR700 Kits

- Inlet Flange Gasket
- Strainer Cap Gasket
- Discharge Flange Gasket
- Rotor Cover, Bolts (2), and O-Ring
- Carbon vanes
- Rotor
- Bypass Valve and O-Ring
- Shaft Seal Assembly – KIT700SL
KIT700AS – Anti-Siphon Kit

- Used with FR300 and FR700 Series Pumps.
KIT700BD – Bio-Diesel / E85 Conversion Kit

• Use to convert any FR700B or FR700V to be used with Bio-Diesel blends of B21 or greater, or E85.

• When dispensing E85, run the pump at a minimum of 3 times a week to ensure no water builds up in the pump and causes it to rust and lock up.

• All of the items in this kit are made of Fluorocarbon (Viton).
  – The o-rings will either be brown or black. If black, they will have a red paint spot.
  – The rubber tip for the bypass valve will have a red paint spot.
KIT700BG – Bung Adapter Kit

- Used with FR700 and FR300 Series Pumps.
- 2” NPT Threads for Pump and Tank.
- 1¼” NPT Threads for Suction Pipe.
KIT700BV – Bypass Valve Kit

- Used with FR700 Series Pumps.
KIT700CV – Check Valve Kit

- Used with FR700 Series Pumps.
KIT700JC – Junction Box Cover Kit

- Used with FR700 Series Pumps.
KIT700MA – Meter Flange Kit

- Used with FR700V Series Pumps to mount an 800 series \( \frac{3}{4}'' \) meter to the pump.
- To mount a 1'' 900 series meter to the 700V series pumps, use KIT900PF.
KIT700OT – Straight ¾” Outlet Flange Kit

- Used with FR700V Series Pumps.

- Straight Discharge Flange
- Button Head Cap Screw
- O-Ring for Button Head Cap Screw
- O-Ring – Goes Between Flange and Pump Casting
- Bolts to Attach Flange to Pump
KIT700OT1 – Straight 1” Outlet Flange Kit

- Used with FR700V and FR710V Series Pumps.
KIT700RG – Rotor Group Kit

- For all FR700B and FR700V series Pumps.
- Always replace the rotor, rotor cover, and rotor cover bolt to ensure they are the same hardness.
KIT700SG – Screen and Gasket Kit

• For all FR700B and FR700V series Pumps.
KIT700SL – Shaft Seal Kit

• Use in all FR300 and FR700 Series Pumps.
KIT700SW – Switch Lever Kit

- For FR700 Series Pumps.

Switch Lever
aka: On / Off Lever

Lock Nut
KIT700AVBP – Bulk Anti-Siphon Body Kit

- For FR700V and FR300V Series Pumps.

Anti-Siphon Body (10)
KIT700VP – Bulk Vane Kit

- For FR700 Series Pumps.

Carbon Vane (64)

Rotor Key (8)
KIT700RKP – Bulk Rotor Key Kit

- For FR700 Series Pumps.
KIT700RP – Bulk Rotor Kit

- For FR700 Series Pumps.
- Always replace the rotor, rotor cover, and rotor cover bolt to ensure they are the same hardness.

Table of Contents

- FR700 Pump Kits
  - Rotor (5)
  - Rotor Cover (5)
  - Rotor Cover Gasket (5)
  - Rotor Cover Bolts (10)
  - Rotor Key (5)
KIT700SSP – Bulk Switch Shaft Kit

- Used in 1200, 2400, 4200, 4400, 600, SD1200, SD600, and 700 series pumps.

Switch Shaft (30)
KIT700FGP – Bulk Discharge Gasket Kit

- This is the 700F2801 Fluorocarbon (Viton) gasket.
- On the 700B series pumps, this was the gasket at the discharge of the pump.
- On the 700V series pumps, this is the gasket between the 800 meter and the discharge flange.
- On 1200 and 2400 series pumps with meters, this is the gasket between the 800 meter and the discharge flange.

Gasket (100)
KIT700CVP – Bulk Check Valve Kit

- For FR700 Series Pumps.

Check Valve Assembly with O-Ring (5)

Discharge Flange O-Ring (5)
KIT700BPSP – Bulk Bypass Spring Kit

- For FR700 Series Pumps.

Bypass Spring (10)
KIT300GBP – Bulk Rotor Cover Gasket Kit

• For FR700 and FR300 Series Pumps.

Rotor Cover Gasket (15)
300KTF7794 – Rebuild Kit

• For FR300 Series Pumps.
BD300KTH0712 – Bio-Diesel Rebuild Kit

- For BD310V pump, or an FR300 series pump that has been converted using the KIT300BD Kit.
- All gaskets are Fluorocarbon

**Table of Contents**
- FR300 Pump Kits
- Inlet Flange Gasket
- Strainer / Check Valve Cover Gasket
- Rotor Cover Gasket
- Rotor Insert
- Bypass Valve
- Bypass Cap Gasket
- Rotor Cover and Bolts (2)
- Carbon Vanes (8)
- Shaft Seal – KIT700SL
KIT300BD – Bio-Diesel / E85 Conversion Kit

• For FR300 Series Pumps.

- Rotor Cover Gasket
- Bypass Cap Gasket
- Inlet / Meter Flange Gaskets (3)
- Check Valve / Strainer Cover Gasket
- Shaft Seal – KIT700SL
KIT300BV – Bypass Valve Kit

- For FR300 Series Pumps.
KIT300JC – Junction Box Cover Kit

- For FR300 Series Pumps.
KIT300NB – Nozzle Boot Kit

- August 11, 2014 – This kit is no longer available for purchase.
- Use KIT120NB.
- For FR300 Series Pumps.
KIT300NR – Nozzle Retainer Kit

• For FR300 Series Pumps.

Nozzle Retainer

Bolt (1)  Lock Nuts (2)
KIT300MA – Meter Discharge Flange Kit

- For FR300 Series Pumps.

Meter Discharge Flange

- Cap Screw
- Cap Screw O-Ring
- Discharge Flange O-Ring
- Discharge Flange Bolts (2)
KIT300OT – Straight Discharge Flange Kit

- For FR300 Series Pumps.

Discharge Flange

Cap Screw

Cap Screw O-Ring

Discharge Flange Bolts (2)

Discharge Flange O-Ring
KIT300RG – Rotor Group Kit

- For FR300 Series Pumps.
KIT300SG – Check Valve / Strainer Kit

- For FR300 Series Pumps.

Check Valve / Strainer Cover

Check Valve / Strainer Assembly

Cover Gasket

Cover Bolts (4)
KIT300SW – Switch Lever Kit

- For FR300 Series Pumps.
KIT300IP – Bulk Rotor Insert Kit

• For FR300 Series Pumps.

Rotor Insert (10)
KIT300VP – Bulk Vane Kit

• For FR300 Series Pumps.

Rotor Insert (8)

Carbon Vanes (64)
KIT300BVP – Bulk Bypass Valve Kit

• For FR300 Series Pumps.

Bypass Valve (5)
KIT300CVP – Bulk Check Valve / Strainer Kit

- For FR300 Series Pumps.

Check Valve / Strainer (5)
KIT300RIP – Bulk Rotor / Insert Kit

- For FR300 Series Pumps.
KIT300FGP – Pump Discharge Flange Gasket Kit

- For FR700 and FR300 Series Pumps.

Pump Discharge Flange Gasket (10)
KIT300GSK – Gasket Kit

- For FR300, FR300V, 700B, and 700V Series Pumps.
- For 900 and 900D Series Meters.

Flange Gasket - Fluorocarbon (10)
KIT320RK – Rebuild Kit

- For FR3200 Series Pumps.

Rotor

Bypass Valve – Spring is Red

Shaft Seal – KIT320SL

Rotor Key

Rotor Cover Gasket

Rotor Cover

Acetal Vanes (5)

Rotor Cover Bolts (3)

Inlet Screen and Gasket
KIT320RG – Rotor Group Kit

• For FR3200 Series Pumps.
KIT320MA – Meter Flange Kit

- For FR3200 Series Pumps.
- Use to attach 900 or 900D series meters to pump.
- Flange is Nickel Plated.

1” x 3” Pipe Nipple

Bolts (4) to Attach Meter to Flange

O-Ring

Meter Side

Meter Flange
KIT320BV – Bypass Valve Kit

• For FR3200 Series Pumps.

Bypass Valve
Bypass Spring (Red)
Inlet Screen
Bypass Valve Cap
Inlet Gasket
KIT320SL – Shaft Seal Kit

- For FR3200 Series Pumps.
KIT320SK – External Seals Kit

- For FR3200 Series Pumps.

### Table of Contents

- Junction Box Cover Gasket
- Switch Cover Gasket
- Rotor Cover Gasket
- Inlet Gasket
KIT320BG – Inlet Flange Kit

- For FR3200 Series Pumps.

**Inlet Gasket**

**Inlet Screen**

**Inlet Flange Bolts (4) and Inlet Flange**
KIT320SW – Line Switch / Breaker Kit

- For FR3200 Series Pumps.
KIT321BG – NPT Inlet Flange Kit

- For NX3200 Series Pumps.
- All threads are NPT.
KIT321BGB – BSPP Inlet Flange Kit

- For NX3200 Series Pumps.

Inlet Gasket

Inlet Screen

Inlet Flange Bolts (4) and Inlet Flange

- Tank threads are 2” BSPT
- Suction Pipe threads are 1.25” BSPP
KIT321BV – Bypass Valve Kit

- For FR3200 Series Pumps.
KIT321NB – Nozzle Boot Kit

• For NX3200 Pumps.
KIT321AC – Power Cable Kit

- For NX3200.
KIT321RG – Rotor Group Kit

- For NX3200 Pumps.
KIT321RK – Rebuild Kit

- For NX3200 Pumps.
KIT321SK – All External Seals Kit

- For NX3200 Pumps.

Inlet Screen

Inlet Gasket

Rotor Cover Gasket
KIT321SW – Switch Assembly Kit

- For NX3200 Pumps.
30KTF4919 – Rebuild Kit

• For FR30 Series Pumps.
### KIT100WGP – Bulk Wood Handle Kit

- For FR30 and FR100 Series Pumps.

**Table of Contents**

1. **Hand Pump Kits**
   - Handle Nut (15)
   - Wood Handle (15)
   - Handle Bolt (15)
100KTF1214 – Rebuild Kit

- For FR100 Series Pumps.

- Vacuum Breaker
- Vanes, Springs, and Pins (3 each)
- Inlet Screen
- Inlet Gasket
- Rotor Cover O-Ring
- Seal Washer and O-Ring for Handle
KIT100WHP – Bulk Shaft Seal Kit

• For FR100 Series Pumps.

O-Ring and Washer (5 each)
KIT152VB – Vacuum Breaker Kit

• For FR100 and FR5200 Series Pumps.

Vacuum Breaker
KIT152VBP – Bulk Vacuum Breaker Kit

- For FR100 and FR5200 Series Pumps.

Vacuum Breaker (5)
5200KTF1828 – Rebuild Kit

- For FR5200 Series Pumps.

- O-Rings for Under Piston Rings (2)
- Piston Valves (4)
- Inlet Screen
- Bearing Nut for Packing Gland
- Vacuum Breaker
- Cover Gasket
- Piston Rings (2)
- Packing Gland
- Packing Gland
KIT152HA – Handle Kit

• For FR5200 Series Pumps.

Wood Grip
Handle Bolt
Handling Nut
Clevis Links (2)
Clevis Pins (3)
Hitch Pin Clips (3)
Clevis Links (2)
800KT – Rebuild Kit

- For 800 Series mechanical meters.
- All gears are black.
KIT800GR – Gallon Register / Faceplate Kit

- For 800 Series mechanical meters.

Gallon Register and Screws

Gallon Faceplate and Screws

Pinion Bevel Gear
KIT800LR – Liter Register / Faceplate Kit

- For 800 Series mechanical meters.
KIT800MK – Mounting Kit for Small Pumps

• This kit is used to mount an 800 series meter to the 1200, 2400, and 600 series pumps.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Meter Fitting</td>
<td></td>
</tr>
<tr>
<td>O-Ring</td>
<td></td>
</tr>
<tr>
<td>Pipe Nipple</td>
<td></td>
</tr>
<tr>
<td>Bolts for Securing Meter</td>
<td>to Meter Fitting (2)</td>
</tr>
</tbody>
</table>
KIT800FPP – Bulk Gallon Faceplate Kit

- For 800 Series mechanical meters.

Gallon Faceplate (5)
KIT800REP – Bulk Gallon Register Kit

- For 800 Series mechanical meters.

Gallon Register (5)
KIT800LREP – Bulk Liter Register Kit

• For 800 Series mechanical meters.

Liter Register (5)
KIT800LFPP – Bulk Liter Faceplate Kit

- For 800 Series mechanical meters.

Liter Faceplate (5)
KIT800CGP – Bulk Cover Gasket Kit

- For 800 Series mechanical meters.
- Material is Buna-N.

Cover Gasket (15)
KIT800RBPK – Bulk Reducer Bushing Kit

- 1” x ¾” Reducer Bushing

Reducer Bushing (25)

1” Male NPT Thread

¾” Female NPT Thread
# 900KT – Rebuild Kit

- For 900 Series mechanical meters.
- All gears are black.

## Table of Contents

<table>
<thead>
<tr>
<th>Item</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Meter Inlet O-ring (2)</td>
<td></td>
</tr>
<tr>
<td>Calibration Cap O-ring</td>
<td></td>
</tr>
<tr>
<td>Calibration Screw O-ring</td>
<td></td>
</tr>
<tr>
<td>O-ring for Shaft on Drive Gear</td>
<td></td>
</tr>
<tr>
<td>Gallon Drive and Cluster Gears</td>
<td></td>
</tr>
<tr>
<td>Liter Drive and Cluster Gears</td>
<td></td>
</tr>
<tr>
<td>Pin, Washers, and Retaining Ring</td>
<td></td>
</tr>
<tr>
<td>Chamber Assembly</td>
<td></td>
</tr>
<tr>
<td>Gear Frame</td>
<td></td>
</tr>
<tr>
<td>Driver Pinion Gear</td>
<td></td>
</tr>
<tr>
<td>Beveled Pinion Gear</td>
<td></td>
</tr>
<tr>
<td>Cover Gaskets</td>
<td></td>
</tr>
<tr>
<td>Buna</td>
<td></td>
</tr>
<tr>
<td>Fluorocarbon</td>
<td></td>
</tr>
</tbody>
</table>
KIT900GR – Gallon Register / Faceplate Kit

- For 900 Series mechanical meters.

Gallon Register and Screws  Gallon Faceplate and Screws  Bezel and Screws
KIT900LR – Liter Register / Faceplate Kit

- For 900 Series mechanical meters.
- The register is also used in all TN740, TN760 and TN860 meters.

Table of Contents
- Pinion Bevel Gear
- Liter Register and Screws
- Liter Faceplate and Screws
- Bezel and Screws
KIT900PF – Meter / Pump Flange Kit

• For 900 Series mechanical and digital meters.
• Used to mount a 900 Series meter to a V series 700 or 300 large pump.
KIT900PF1.5N – Nickel 1½” NPT Meter Flange Kit

- For 900 Series mechanical and digital meters.
- The nickel plated flanges will have a yellowish color.

Nickel Plated 1½” NPT Meter Flanges (2), Gaskets (2), and Screws (8)
KIT900PF1.5B – Nickel 1½” BSP Meter Flange Kit

• For 900 Series mechanical and digital meters.
• The nickel plated flanges will have a yellowish color.
• These two divots indicate the threads are BSP.

Nickel Plated 1½” BSP Meter Flanges (2), Gaskets (2), and Screws (8)
KIT900PF1N – Nickel 1” NPT Meter Flange Kit

• For 900 Series mechanical and digital meters.
• The nickel plated flanges will have a yellowish color.

Nickel Plated 1” NPT Meter Flanges (2), Gaskets (2), and Screws (8)
KIT900PF1B – Nickel 1” BSP Meter Flange Kit

- For 900 Series mechanical and digital meters.
- The nickel plated flanges will have a yellowish color.
- These two divots indicate the threads are BSP.

Nickel Plated 1” BSPT Meter Flanges (2), Gaskets (2), and Screws (8)
KIT900FPP – Bulk Gallon Faceplate Kit

- For 900 Series mechanical meters.

Gallon Faceplate (5)
KIT900REP – Bulk Gallon Register Kit

- For 900 Series mechanical meters.

Gallon Register (5)
KIT900LFPP – Bulk Liter Faceplate Kit

- For 900 Series mechanical meters.
KIT900LREP – Bulk Liter Register Kit

- For 900 Series mechanical meters.
- The register is also used in all TN740, TN760 and TN860 meters.
MC8600 – Meter Chamber Assembly

- For TN740 meters.
- **Do not** use in the TN760 or TN860 meters as it will not fit.
MC8800 – Meter Chamber Assembly

- For TN760 and TN860 meters.
- *Do not* use in the TN740 meters as it will not fit.
RK8101 – Control Plate Assembly

- For TN740, TN760 and TN860 meters.
- Seals in this kit are Fluorocarbon.
RK8201 – Control Plate Assembly

- For TN860 meters.
- Seals in this kit are PTFE.
RK3700 – Register Cover and Reset Knob

- For TN740, TN760, and TN860 meters.

Register Cover  Reset Knob
PL5250 – Cover, Gasket and Screws

- For TN740, TN760, and TN860 meters.

Clear Lexan Cover  Cover Gasket  Screws for Cover (2)
KITMODTT10A – TT10A Replacement Module

• For TT10AN, TT10AB, TT10ANC, and TT10ABC meters.

Track Gasket

Meter Module
KITMODTT10P – TT10P Replacement Module

- For TT10PN and TT10PB meters.

Track Gasket

Meter Module
KIT900FGP – Bulk 1½” NPT Meter Flange / Gasket Kit

• For 900 Series mechanical meters.

1½” Meter Flange (5)  Gasket (5)
KIT900CGP – Bulk Cover Gasket Kit

• For 900 Series mechanical meters.
• Material is Buna-N.

Cover Gasket (5)
900DKT – Rebuild Kit

• For 900 Digital meters.

- Chamber Assembly
- Retaining Ring
- Magnetic Driver
- Torx Screws (4)
- Driver Spring
- Flange Gaskets (2)
- Cover Gasket
KIT900DPBA – Intrinsically Safe Barrier

- For 900CDP Digital meters.
KIT900CDFP – 900CD Electronic Faceplate

- For 900CD Digital meters.
- Comes assembled.
KIT900CDPFP – 900CDP Electronic Faceplate

- For 900CDP Digital meters.
- Comes assembled.
702KTF3518 – Universal Nozzle Boot and Switch Rod Kit

Table of Contents

- Cabinet Kits
- Nozzle Retainer
- Handle Switch
- Hole Plugs
- Fasteners
- Switch Rod Hardware
- Universal Nozzle Boot
- Switch Rod for 702 Series Pumps
- Switch Rod for 305 Series Dispensers
- Handle Stop

Handle Stop
KIT702FP – Old FR702 Faceplate

Mounting Hardware

Faceplate
KIT702VELRUFP – FR702VELRU Faceplate

Screws (2)

Faceplate

Clear Cover
KIT702VLRUFP – FR702VLRU Faceplate

Screws (2)

Faceplate

Clear Cover
KIT702VRFP – FR702VR Faceplate

Screws (2)

Faceplate

Clear Cover
KIT702VRGUF { – FR702VRGU Faceplate

- Screws (2)
- Faceplate
- Clear Cover
KIT702VRUFP – FR702VRU Faceplate

- Screws (2)
- Faceplate
- Clear Cover
KIT702MG – Gallon Meter

- Used with FR702 or FR702V Cabinet Pumps
KIT702ML – Liter Meter

- Used with FR702 or FR702V Cabinet Pumps
KIT900CABINT – Digital Meter Kit

- Used in the FR902DP and FR302DP Cabinets

900CDP Digital Meter

Register Assembly
KIT302DPD – Digital Register Kit

- Used in the FR902DP and FR302DP Cabinets
- The register has the cable coming out the back to connect to the meter in the cabinets.

Screws (4) and Washers (4)

Register Assembly
KIT305NZ – Universal Nozzle Boot Kit

• Can be used on the older FR305 cabinet meters, the FR702 cabinet pumps, the FR902DPU and FR302DPU.
KITPD – Pedestal

- Can be used with the FR902DPU and FR302DPU Only.
KITWM – Wall Mount Bracket

- Can be used with the FR902DPU and FR302DPU Only.
KITHA – Hammer Arrestor

- Used with the FR902DPU and FR302DPU cabinets.
KIT902CC – Clear Cover

- Used on the FR902C mechanical meter cabinets and the FR702V pump cabinets.
KIT902HA – Switch Handle Assembly

- Used on the FR902C mechanical meter cabinets.
KIT902LRFP – FR902CLR Faceplate

- Used on the FR902CLR mechanical meter cabinet.
KIT902LRUFP – FR902CLRU Faceplate

- Used on the FR902CLRU mechanical meter cabinet.

![Diagram showing Clear Cover, Faceplate, and Screws (2)]
KIT902RFP – FR902CR Faceplate

- Used on the FR902CR mechanical meter cabinet.
KIT902RUFP – FR902CRU Faceplate

- Used on the FR902CRU mechanical meter cabinet.
KIT902LS – Line Switch

• Used on the FR902C mechanical meter cabinets.
KIT902SV – Replacement Solenoid Valve

- Used on the FR902C UL listed mechanical meter cabinets.
KIT902MB – Wall Mount Bracket

- Used on the FR902C mechanical meter cabinets.

Screws (4)

Wall Mount Bracket
KIT812PC – Power Cable Kit

- Used with the RD8 and RD12 series pumps.

10’ Power Cable – Includes 30 Amp Fuse
KIT812RG – 8 GPM Rebuild Kit

• Used with the RD8 series pumps.

- Rotor
- Rotor Cover
- Inlet Screen
- Vanes (5)
- Rotor Cover Gasket
- Rotor Cover Screws (3)
- Flange Screws (4)
- Flange O-Rings (2)
KIT1212RG – 12 GPM Rebuild Kit

- Used with the RD12 series pumps.

Table of Contents

RD Kits

- Rotor
- Rotor Cover
- Rotor Cover Screws (3)
- Inlet Screen
- Rotor Cover Gasket
- Flange Screws (4)
- Vanes (5)
- Flange O-Rings (2)
- Gasket
- Flange Screws (4)
KIT812FL – Single NPT Flange Kit

• Used with the RD8 and FR12 series pumps.
• NPT thread in flange.
KIT812FLB – Single BSPP Flange Kit

- Used with the RD8 and FR12 series pumps.
- BSPP thread in flange.
KIT812SL – Seal Kit

• Used with the RD8 and RD12 series pumps.

- Rotor Cover Gasket
- Flange O-Rings (2)
- Flange Screws (4)
- Rotor Cover Screws (3)
- Inlet Screen
KIT812NH – 8 GPM Hose Kit

• Used with the RD8 series pumps.

**Discharge Hose**
- Length – 8 Feet
- Diameter – 5/8”
- Fittings – ¾” NPT

**Suction Hose**
- Length – 6 Feet
- Diameter – ¾”
- Fittings – ¾” NPT

Teflon Tape
KIT1212NH – 12 GPM Hose Kit

- Used with the RD12 series pumps.

Discharge Hose
- Length – 8 Feet
- Diameter – \( \frac{3}{4} \)"
- Fittings – \( \frac{3}{4} \)” NPT

Suction Hose
- Length – 6 Feet
- Diameter – \( \frac{3}{4} \)”
- Fittings – \( \frac{3}{4} \)” NPT
KIT812NP – Bung Mount Kit

• Used with the RD8 and RD12 series pumps.

Telescoping Poly Suction Pipe
23” to 40.5”

- Teflon Tape
- Screws (2)
- Nuts (2)
- ¾” x 2.5” Pipe Nipple
- 2” x ¾” x 1” Double Tap Bushing
- Nozzle Boot
KIT180DTPS – Suction Tube Assembly Kit

- Can be used as a suction tube for the DEF pumps. Is intended to fit into a drum. Threads for the drum are 2” NPT threads.
KIT180MAMPS – DEF KIT

- For use with FRSA, FRSD, and SV Stainless Steel DEF Pumps.
- All threads are ¾” BSPP threads.

- SS Tote Mounting Plate and Hardware
- Stainless Steel Union
- 6’ Hard Wall Suction Hose
- 12’ Discharge Hose
- DEF Automatic Nozzle
- 825 Digital Meter
KIT180MAPS – DEF KIT

- For use with FRSA, FRSD, and SV Stainless Steel DEF Pumps.
- All threads are ¾” BSPP threads.

SS Tote Mounting Plate and Hardware

DEF Automatic Nozzle

6’ Hard Wall Suction Hose

12’ Discharge Hose
KIT180MPPS – DEF KIT

• For use with FRSA, FRSD, and SV Stainless Steel DEF Pumps.

SS Tote Mounting Plate and Hardware
KIT180SP – ¾” SS Union Kit

• For use with FRSA, FRSD, and SV Stainless Steel DEF Pumps.

Stainless Steel Union
KITFR32V – SS DEF Pump Rebuild Kit

- For use with FRSA, FRSD, and SV Stainless Steel DEF Pumps.
KITFR55DU – 55 Gallon Drum Stand

- For use with FRSA, FRSD, and SV Stainless Steel DEF Pumps.
KITHA32V – Hose w/ Ball Valve Tap

- For use with the FRHP32V and FRAP32V.
KITHA32VMN – Hose w/ Manual Nozzle

• For use with the FRHP32V and FRAP32V.
KITDFDB – Drum Bracket

• For use with all DF pumps.

Nozzle Boot Reservoir Bracket
8” Cable Tie
Nozzle Boot Reservoir
Mounting Hardware
Drum Bracket
KITDFFK – Fittings

- For use with all DF pumps.

- Hose Clamps (4)
- Nuts for Straight Fittings (2)
- 90° Fitting with ¾” Hose Barb (2)
- Straight Fitting with ¾” Hose Barb (2)
KITDFH05 – Suction Hose

• For use with all DF pumps.

5’ x 3/4” EPDM
Suction Hose
KITDFH20 – Discharge Hose

- For use with all DF pumps.

20’ x ¾” EPDM Discharge Hose
KITDFHF – Replacement Handle and Foot

- For use with all DF pumps.
KITDFNB – Nozzle Boot Reservoir

- For use with all DF pumps.
KITDFPK – Spare Parts

- For use with all DF pumps.

Table of Contents

- DEF Kits

- Bolt Bypass Spring
- O-Rings (3)
- 4 Screws and Washers
- Bypass Poppet
- Dampener
- Retention Plate
- Check Valve Assembly
- 5 Segment Seal Flap