

DEF DISTRIBUTION



**AUTOMATIC
LUBE SYSTEMS**

AUTOMATIC LUBE SYSTEMS, INC.

WWW.AUTOMATICLUBESYSTEMS.COM

PHONE: 844-LUBE-SYS OR 844-582-3797

SALES@AUTOMATICLUBESYSTEMS.COM





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505012



DEF Pump Kit - 22 PSI (1.6 Bar) - 12V

Pump body is acetal
ON/OFF switch
Flow rate 7 - 9gpm
DEF inlet threaded hose tail 3/4in
DEF outlet threaded hose tail 3/4in
Maximum work pressure 20 PSI
Voltage 12V
Power watt 260
Rpm 2800
Duty cycle 20 minutes
20ft x 3/4in delivery hose & manual nozzle



505012

* Container is not included

505013



DEF Pump Kit - 22 PSI (1.6 Bar) - 12V

Pump body is acetal
ON/OFF switch
Flow rate 7 - 9gpm
DEF inlet threaded hose tail 3/4in
DEF outlet threaded hose tail 3/4in
Maximum work pressure 30 PSI
Voltage 12V
Power watt 260
Rpm 2800
Duty cycle 30 minutes
20ft x 3/4in delivery hose & automatic nozzle & electronic digital meter



505013

* Container is not included

560003



DEF Pump Kit - 22 PSI (1.6 Bar) - 12V

Pump body is acetal
On/off switch
Flow rate 7 - 9gpm
Def inlet threaded hose tail 3/4in
Def outlet threaded hose tail 3/4in
Maximum work pressure 20 psi
Voltage 12v
Power watt 260
Rpm 2800
Duty cycle 20 minutes
20ft x 3/4in delivery hose , automatic nozzle,
electronic digital meter & suction valve 501501



560003

* Container is not included

DEF DISPENSERS



560002

* Container is not included

560002



DEF Pump Kit - 22 PSI (1.6 Bar) - 120V

Pump body is acetal
ON/OFF switch
Flow rate 7 - 9gpm
DEF inlet threaded hose tail 3/4in
DEF outlet threaded hose tail 3/4in
Maximum work pressure 30 PSI
Voltage 120V/60HZ
Power watt 400
Rpm 1700
Duty cycle 30 minutes
20ft x 3/4in delivery hose, automatic nozzle, electronic digital meter & suction valve 501501



505009

* Container is not included

505009



DEF Pump Kit - 22 PSI (1.6 Bar) - 120V

Pump body is acetal
ON/OFF switch
Flow rate 7 - 9gpm
DEF inlet threaded hose tail 3/4in
DEF outlet threaded hose tail 3/4in
Maximum work pressure 30 PSI
Voltage 120V/60HZ
Power watt 400
Rpm 1700
Duty cycle 30 minutes
20ft x 3/4in delivery hose & automatic nozzle



505010

* Container is not included

505010



DEF Pump Kit - 22 PSI (1.6 Bar) - 120V

Pump body is acetal
ON/OFF switch
Flow rate 7 - 9gpm
DEF inlet threaded hose tail 3/4in
DEF outlet threaded hose tail 3/4in
Maximum work pressure 30 PSI
Voltage 120V/60HZ
Power watt 400
Rpm 1700
Duty cycle 30 minutes
20ft x 3/4in delivery hose & manual nozzle



505011

* Container is not included

505011



DEF Pump Kit - 22 PSI (1.6 Bar) - 120V

Pump body is acetal
ON/OFF switch
Flow rate 7 - 9gpm
DEF inlet threaded hose tail 3/4in
DEF outlet threaded hose tail 3/4in
Maximum work pressure 30 PSI
Voltage 120V/60HZ
Power watt 400
Rpm 1700
Duty cycle 30 minutes
20ft x 3/4in delivery hose, automatic nozzle & electronic digital meter

500601



Drum Pro 120V / 60 Hz Manual Nozzle

Pump body is acetal with holder for 55 gallon drum
ON/OFF switch
Flow rate 7 - 9gpm
DEF inlet threaded hose tail 3/4in
DEF outlet threaded hose tail 3/4in
Maximum work pressure 30 PSI
Voltage 120V/60HZ/ power watt 370
Rpm 1700
Duty cycle 30 minutes
20ft x 3/4in delivery hose, manual nozzle & holder nozzle
** drum is not included*



500601

500602



Drum Pro 120V / 60 Hz Automatic Nozzle UL

Pump body is acetal with holder for 55 gallon drum
ON/OFF switch
Flow rate 7 - 9gpm
DEF inlet threaded hose tail 3/4in
DEF outlet threaded hose tail 3/4in
Maximum work pressure 30 PSI
Voltage 120V/60HZ/ power watt 370
Rpm 1700
Duty cycle 30 minutes
20ft x 3/4in delivery hose, automatic nozzle & holder nozzle
** drum is not included*



500602

500603



Drum Pro 120V / 60 Hz Automatic Nozzle UL with Suction Valve

Pump body is acetal with holder for 55 gallon drum
ON/OFF switch
Flow rate 7 - 9gpm
DEF inlet threaded hose tail 3/4in
DEF outlet threaded hose tail 3/4in
Maximum work pressure 30 PSI
Voltage 120V/60HZ / power watt 370
Rpm 1700
Duty cycle 30 minutes
20ft x 3/4in delivery hose, automatic nozzle, holder nozzle & suction valve 501501
** drum is not included*



500603

DEF PUMPS



505000



DEF Pump

Pump body is acetal
ON/OFF switch
Flow rate 7 - 9gpm
DEF inlet threaded hose tail 3/4in
DEF outlet threaded hose tail 3/4in
Maximum work pressure 30 PSI
Voltage 120V/60HZ
Power watt 400
Amp. Max 2
Rpm 1400
6.5 minute timer
Duty cycle 30 minutes
5ft cable with socket



505001



DEF Pump

Pump body is acetal
ON/OFF switch
Flow rate 7 - 9gpm
DEF inlet threaded hose tail 3/4in
DEF outlet threaded hose tail 3/4in
Maximum work pressure 20 PSI
Voltage 12V
Power watt 260
Amp. Max 22
Rpm 2800
Handle available
Duty cycle 20 minutes
6 ft cable and clamps



560000



Diaphragm Pump 1/2in

In aluminum
Diaphragm in Viton
Ball in teflon
Flow Rates: 7 gpm
Maximum Pressure 85 psi
Air Inlet 1/4 inch NPTF
Fluid Outlet 1/2in NPTF
Fluid Inlet 1/2in NPTF



560001



Diaphragm Pump 1in

In aluminum
Diaphragm in Viton
Ball in teflon
Flow Rates: 11 gpm
Maximum Pressure 85 psi
Air Inlet 1/4 inch NPTF
Fluid Outlet 1in NPTF
Fluid Inlet 1in NPTF

500101



Piston Hand Pump with SUC-ADP-DEL

Acetal construction

This delivery system includes a hand pump, dispensing tube, down tube

Flow rate 4gpm

DEF inlet dip pipe threaded 1in

DEF outlet hose tail 3/4in

500101



500102



Piston Hand Pump Kit

Acetal construction

This delivery system includes a hand pump, dispensing tube, down tube and adapter tha is easy to install and remove from the drum

Flow rate 4gpm

DEF inlet dip pipe threaded 1in

DEF outlet 10 ft x 3/4in delivery hose & end 3/4in spout

2.5in x 5 buttress adaptor

500102



500201



Rotative Hand pump Kit

Acetal construction

This delivery system includes a hand pump, dispensing tube, down tube and adapter tha is easy to install and remove from the drum

Flow rate 4gpm

DEF inlet dip pipe threaded 1in

DEF outlet 10 ft x 3/4in delivery hose & end 3/4in spout

2.5in x 5 buttress adaptor

500201



505016



Rotary Hand Pump

In acetal

Fluid outlet: 1in

505016



201501



Rotary Chemical Pump

Pump body is made from glass filled polypropylene with ryton veins.

All seal are from viton & all pump hardware is stainless steel.

Strainer fitted at the suction tube inlet.

Threaded polypropylene suction tube & a choice of two 2in bung adaptors for use on both plastic & metal drums of capacity 15 - 55 gallons.

Fluids: water based media, antifreeze, urea, adblue, DEF, benzene, detergents glycerine, acids, chemicals/ in addition to use with all petroleum based products.

201501



201701



Nylon Chemical Pump

Nylon construction with stainless steel plunger rod & PTFE seals

2in polypropylene bung adaptor for use on 55 gallons drum

Flow rate 14oz/stroke

Fluids lacquer thinners, acetone , antifreeze, brake kleen, detergents, glycerine, water, weed killer, mild acids, adblue, urea, DEF, petroleum based media

201701



AUTOMATIC HOSE REEL

Equipped with:
 Antistatic black rubber hoses EPDM
 Stainless steel connections AISI 316
 Stainless steel swivelling joint 90° AISI 316
 Viton seals
 Varnished fixed
 For antifreeze - widscreen - DEF
 Max. work pressure 290 psi



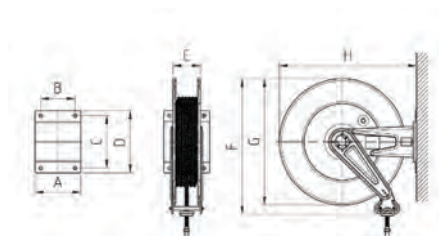
Article	Hose length	Ø hose	Inlet-outlet
550105	Without hose	-	NPTM 1/2in - NPTM 1/2in



Article	Hose length	Ø hose	Inlet-outlet
550104	Without hose	-	NPTM 1/2in - NPTM 1/2in
550101	45 ft	1/2in	NPTM 1/2in - NPTM 1/2in



Article	Hose length	Ø hose	Inlet-outlet
550100	Without hose	-	NPTF 3/4in - NPTM 3/4in
550102	30 ft	3/4in	NPTF 3/4in - NPTM 3/4in
550103	45 ft	3/4in	NPTF 3/4in - NPTM 3/4in



OVERALL DIMENSIONS FIXED

Mod.	A	B	C	D	E	F	G	H	 lbs	 ft³	 m³
550105	6.22	4.72	6.61	7.56	3.74	17.72	15.75	17.13	27.56<43	1.62	1
550104 - 550101	6.22	4.72	6.61	7.56	3.74	18.90	18.11	19.69	36.38<50.72	2.12	1
550100 - 550102 - 550103	7.87	5.91	8.86	10.63	4.72	23.23	21.65	23.62	48.51<99.23	3.00	1



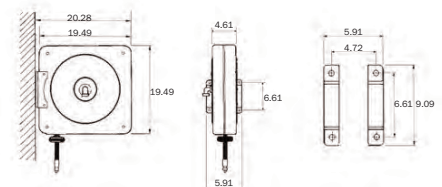
Equipped with:
 Antistatic black rubber hoses EPDM
 Stainless steel connections AISI 316
 Stainless steel swivelling joint 90° AISI 316
 Viton seals
 Varnished fixed
 For antifreeze - widscreen - DEF
 Max. work pressure 290 psi



Article	Hose length	Ø hose	Inlet-outlet
550108	Without hose	-	NPTM 1/2in - NPTM 1/2in
550107	30 ft	1/2in	NPTM 1/2in - NPTM 1/2in
550106	45 ft	1/2in	NPTM 1/2in - NPTM 1/2in



550108 - 550107 - 550106 50.49 < 65.82 2.12 1





Antistatic black rubber hoses EPDM
Stainless steel connection AISI 316
Antifreeze - widscreen - DEF
Max. work pressure 290 psi



Article	Hose length	Ø hose	Dimensions	Inlet-outlet
550201	30 ft	1/2in	5 x 8.27	NPTF 1/2in - NPTM 1/2in
550202	45 ft	1/2in	5 x 8.27	NPTF 1/2in - NPTM 1/2in
550203	30 ft	3/4in	7.49 x 11.43	NPTF 3/4in - NPTM 3/4in
550204	45 ft	3/4in	7.49 x 11.43	NPTF 3/4in - NPTM 3/4in

501401



Manual Nozzle Gravity Kit

In acetal and seals in viton
Flow rate 20gpm
DEF inlet IBC botton 2in NPTF
DEF outlet manual nozzle with spout outer diameter 3/4in
9ft hose



501401

505003



DEF Nozzle

In acetal and seals in viton
Flow rate 20 Gpm
DEF inlet hose tail 3/4in
DEF outlet spout outer diameter 3/4in
Color: Blue/White



505003

505004



DEF Nozzle

In acetal and seals in viton
Flow rate 20 Gpm
DEF inlet hose tail 3/4in
DEF outlet spout outer diameter 3/4in
Color: White



505004

505014



DEF Nozzle

In stainless steel and seals in viton
Flow rate 9 Gpm
DEF inlet threaded 3/4in NPTF
DEF outlet spout 1/2in
Color: Blue



505014

500801



Automatic Nozzle Built-in Meter

Flow rate 9gpm
Maximum work pressure 50.8 PSI
DEF inlet hosetail 3/4in
DEF outlet spout 3/4in
Accuracy +/- 0.5%



500801

505002



Digital Flow Meter

In acetal
Flow rate: 1.6 - 26.4 Gpm
Maximum work pressure: 140 PSI
DEF inlet threaded: 1in NPTM
DEF outlet threaded: 1in NPTM
Accuracy: +/- 1%
Measuring system oval gear in acetal resin



505002

560005



Manual Nozzle Built-in Meter

Flow rate 9gpm
Maximum work pressure 50.8 psi
DEF inlet hosetail 3/4in
DEF outlet spout 3/4in



560005

DEF VALVE



501501

501501



Suction Valve Sealed

In stainless steel and seals in viton

For DEF suction

DEF inlet threaded 1in with security valve

DEF outlet hosetail 3/4in



501601

501601



Valve supply sealed

In stainless steel and seals in viton

For DEF supply in IBC's

Relief valve threaded 1/4in

DEF inlet threaded 1in



505018

505018



Suction Valve

In polypropylene

DEF inlet threaded: 2in NPTM

DEF outlet threaded: 3/4in NPTM



501002

501002



Suction Ibc Kit

In polypropylene

DEF outlet threaded: 2in NPTF

(For use with 505018)



501003

501003



Suction drum kit

Security sealed valve threaded 1in In stainless steel and seals In viton

Polypropilene suction tube

Adapter in suction valve 501501

500901

Refractometer

The handheld digital refractometer designed specifically for testing the concentration urea-based DEF

Verifies the urea index in the fluid DEF

Scale in %

Range 0 a 50%

Resolve 0,1%

Accuracy +/-0.1%



500901

500902

Refractometer

The handheld digital refractometer designed specifically for testing the concentration urea-based DEF

Verifies the refractive index in the fluid

Scale in %

Range 0 a 50%

Resolve 0,1%

Accuracy +/- 0.1%



500902

501001

Fluid Monitoring for DEF - 110V 50/60HZ RS OUT

Continuous tank level monitoring, check:

- Set tank type dimensions
- Define alarm levels
- Define indication level
- Define measurement unit
- Dalibrate the instrument

Maximum measurable height: 13ft

Maximum monitoring length: 160ft at tank

Voltage 120V/60HZ

Accuracy: +/- 1%



501001

202801

OCIO Desk Single Tank

OCIO is available with direct PC connections. By means of an interface you can connect up to 12 OCIO level gauges and sen data direct via cable to a PC up to 3280ft meters away

Dedicated software has been developed to permit the storage of historic tank level data according to different criteria:

- * at each timer interval
- * at each variation in level
- * at each variation in volume



202801



501701

501701



Tamper Evident RSV Shipping Cap - Red

In ABS plastic

For use with RSV 4Cam container valves

4 PIN



501801

501801



Container Valve Dust Cap RSV

In HDPE plastic

For use with RSV container valves



505005

505005



Parts and fitting

Hose Tail Ø NPTM 3/4in NPTF 1in BSP



505006

505006



Parts and fitting

90° Socket 1in NPTF BSP



505008

505008



Parts and fitting

Swivel NPTM/NPTF 1in BSP



560004

560004



Stainless Steel Hose Tail 3/4in BSP