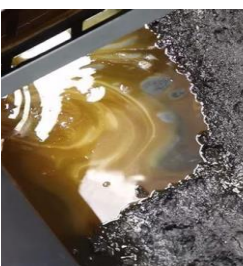
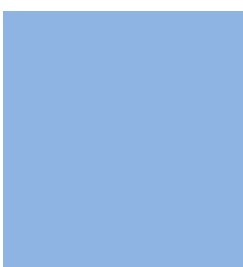
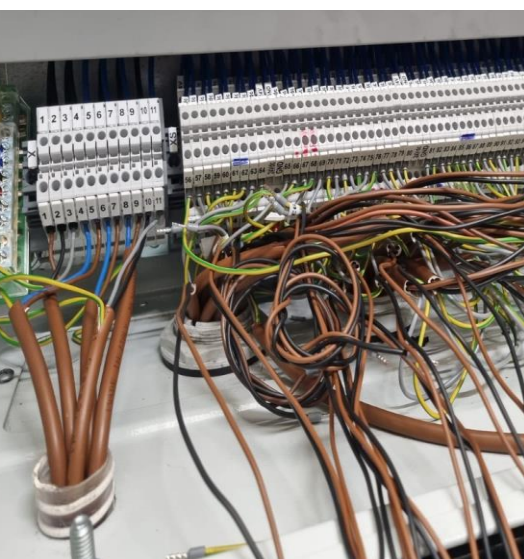


CATALOG 2024

METALWORKING



D&P GROUP

OIL REMOVAL

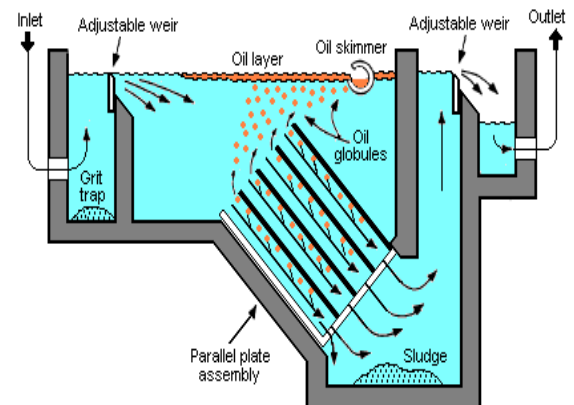


D&P GROUP

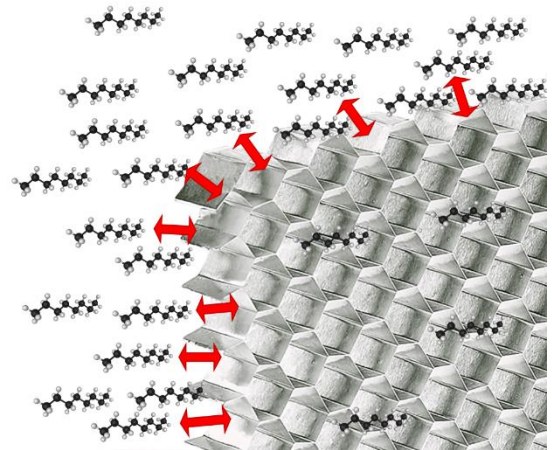
TECHNICAL INFORMATION

Coalescence is the physical phenomenon by which droplets of a liquid, bubbles of an aeriform, or particles of a solid come together to form larger entities.

Specifically, the volume of the resulting entity is equal to the sum of the volumes of the individual starting entities, while the surface area of the resulting entity is less than the sum of the surface areas of the individual entities. This means that coalescence results in a decrease in the total area relative to the surface areas of the interface separating the two phases (the dispersed phase, consisting of the coalescing entities, and the continuous phase, in which those entities are immersed). This results in a decrease in the energy related to surface tension and thus a decrease in the total energy of the system, so thermodynamically, coalescence is a spontaneous process (i.e., it does not require energy input at the expense of the environment to take place).



Coalescence filtration working diagram



Chemical interaction between hydrocarbons and the alveolar structure of the coalescing filter



PUBLISHED RESEARCH BY SCIENTISTS ON COALESCENCE TECHNOLOGY, ON WHICH D&P GROUP BASED ITS TECHNOLOGY

Robert Walter George Shipman, [Rapid coalescence of two mercury drops in water](#), Cornell University, 1984.
 Sidney B. Lang, [A hydrodynamic mechanism for the coalescence of liquid drops](#), University of California, 1962.
 William T. Scott, [Analytic studies of cloud droplet coalescence](#), Desert Research Institute, Dept. of Physics, University of Nevada, 1965.
 James Hidde Vanderveen, [Coalescence and dispersion rates in agitated liquid-liquid systems](#), Berkeley, University of California, 1961.

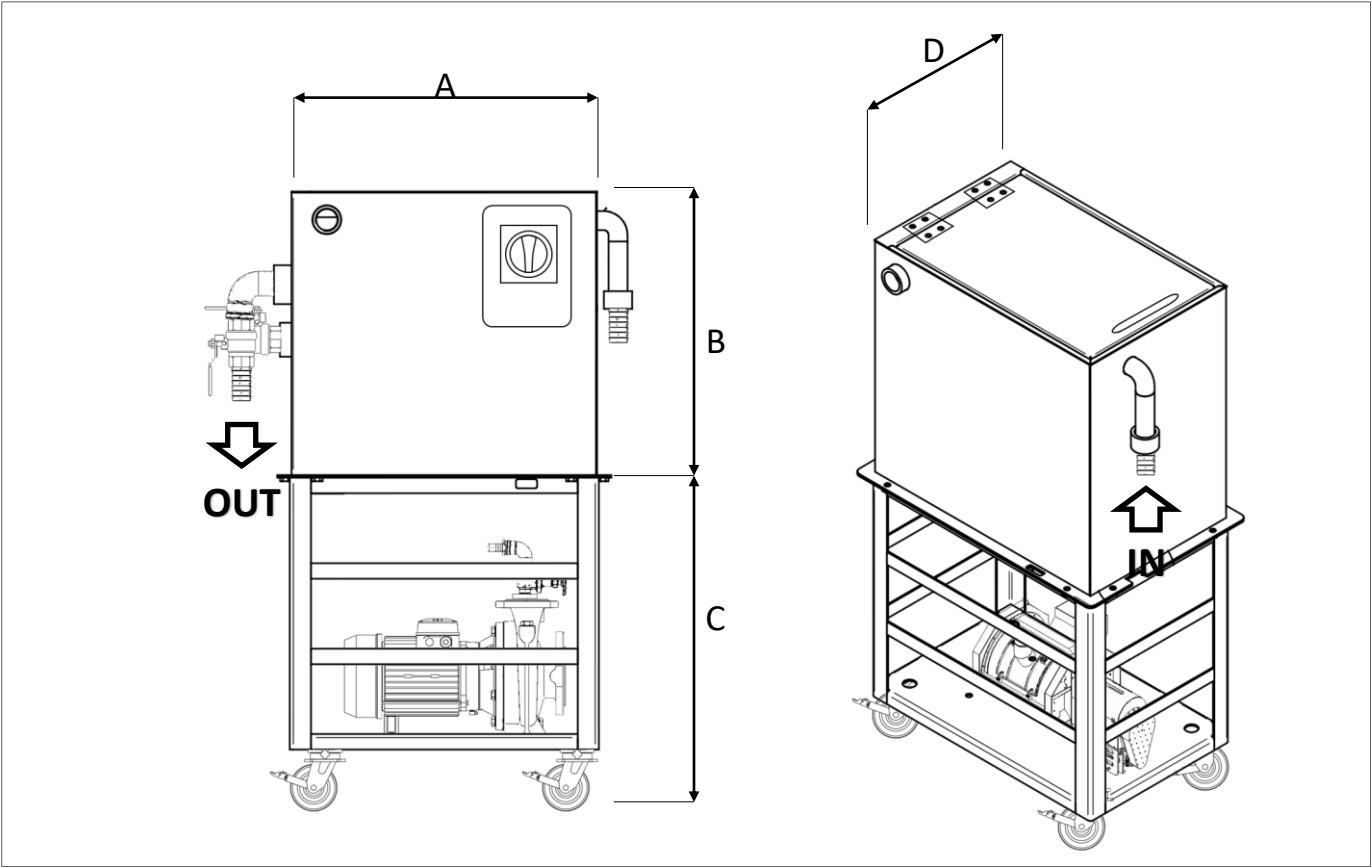
DEP-ORC COALESCING OIL REMOVER



MODEL	Voltage V (*)	Hz	Power kW	HP	MAX FLOW GPM
DEPORC300	230V / 110V	60	0.44	0.6	79
DEPORC650	230V / 110V	60	0.44	0.6	171
DEPORC2000	230V / 110V	60	0.44	0.6	528
DEPORC3000	230V / 110V	60	0.44	0.6	792
DEPORC5000	230V / 110V	60	0.44	0.6	1320
DEPORC7500	230V / 110V	60	0.75	1	1981
DEPORC10000	230V / 110V	60	0.75	1	2641



Dimensions



The images shown are for illustration purposes only and may not be an exact representation of the product

MODEL	A	B	C	D
DEPORC300	7.8 "	9.8 "	-	9.8 "
DEPORC650	18.6 "	15.9 "	15.4 "	12.3 "
DEPORC2000	23.9 "	20 "	15.6 "	14.3 "
DEPORC3000	25.3 "	23.7	15.9 "	17.3 "
DEPORC5000	41 "	39.5 "	29.5 "	41.1 "
DEPORC7500	60.8 "	51.3 "	29.5 "	29.3 "
DEPORC10000	80.5 "	78.9 "	29.5 "	60.8 "

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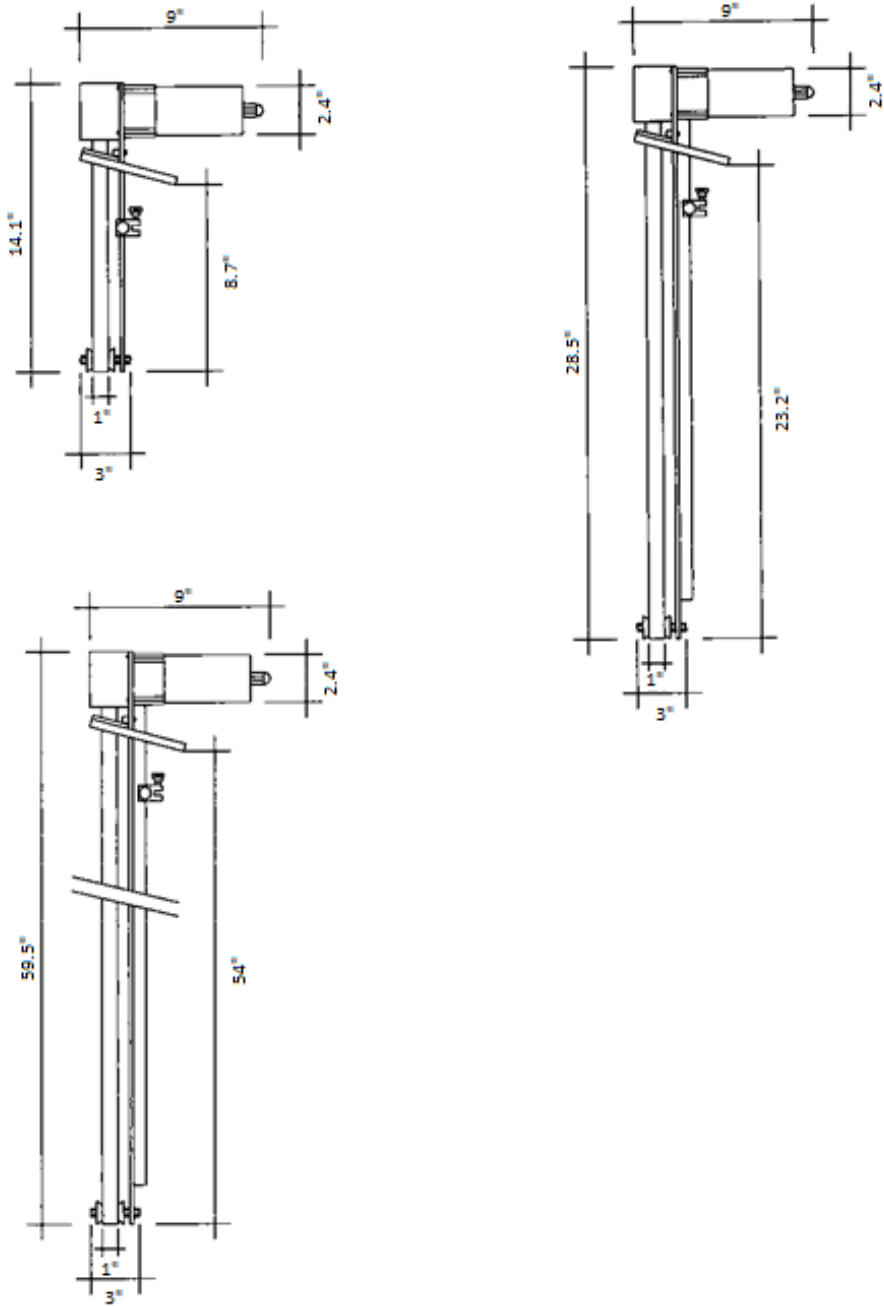
DEP-MINI SKIMMER OIL REMOVER



Model	Draft	Belt width	Extraction capacity GPM	Voltage V	Hz
DEPMINI	11.8 "	1.2 "	0.013	230	60
DEPMINI-A200	7.9 "	1 "	0.013	110	60
DEPMINI-A600	23.6 "	1 "	0.022	110	60
DEPMINI-A1400	55.1	1 "	0.035	110	60

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DEP-MINI



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FILTRATION



D&P GROUP

DEP-CFS COOLANT BAG FILTRATION



MODEL	Voltage V	Power kW	Current A	Max flow GPM
DEPCFS1000	230V / 110V	550	2.7	4.4
DEPCFS1500	230V / 110V	660	3.7	6.6
DEPCFS3000	230V / 110V	800	3.7	13.2
DEPCFS5000	230V / 110V	1100	5.5	22
DEPCFS7500	230V / 110V	1300	6.1	33
DEPCFS12000	230V / 110V	1500	6.8	52.8

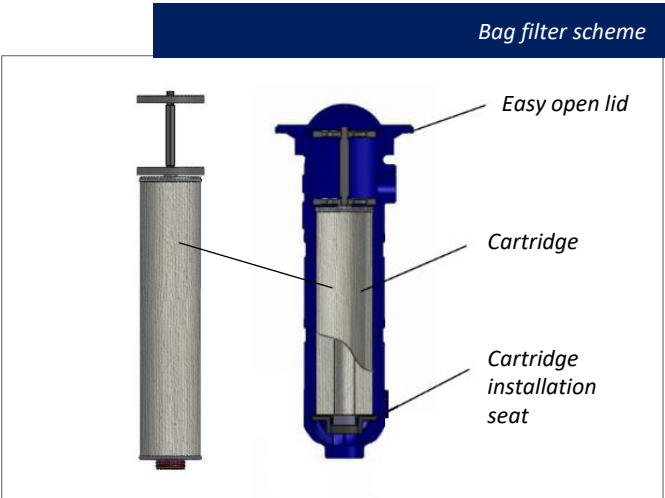
The images shown are for illustration purposes only and may not be an exact representation of the product



MODEL	Dimensions inch			Weight	Wheels
	W	D	H	lbs	nr
DEPCFS1000	19.7	18.5	41.3	77	2
DEPCFS1500	19.7	18.5	41.3	77	2
DEPCFS3000	19.7	18.5	41.3	77	2
DEPCFS5000	19.7	18.5	41.3	77	2
DEPCFS7500	35.4	32.7	55	143	4
DEPCFS12000	35.4	32.7	55	143	4

Filtration grade μm	1, 2, 3, 5, 10, 25, 50, 75, 100
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Max Operating Pressure	145 PSI
------------------------	---------



MODEL	Voltage V	Hz	Max flow GPM	Filtration Grade	Pressure switch
DEPOFS650	110	60	2.9	From 1 to 50 µm	No
DEPOFS650-1	110	60	2.9	Fixed 10 µm	No
DEPOFS650-A	230	50	2.9	From 1 to 50 µm	No
DEPOFS650-A1	230	50	2.9	Fixed 10 µm	No
DEPOFS650-B	230	50	2.9	From 1 to 50 µm	Yes
DEPOFS650-B1	230	50	2.9	Fixed 10 µm	Yes
DEPOFS650-C	110	60	2.9	From 1 to 50 µm	Yes
DEPOFS650-C1	110	60	2.9	Fixed 10 µm	Yes
DEPOFS2000	110	60	8.8	From 1 to 50 µm	No
DEPOFS2000A	230	50	8.8	From 1 to 50 µm	No
DEPOFS3200	400	50	14	From 1 to 50 µm	No



The images shown are for illustration purposes only and may not be an exact representation of the product

Filtration grade µm	1, 2, 3, 5, 10, 25, 50
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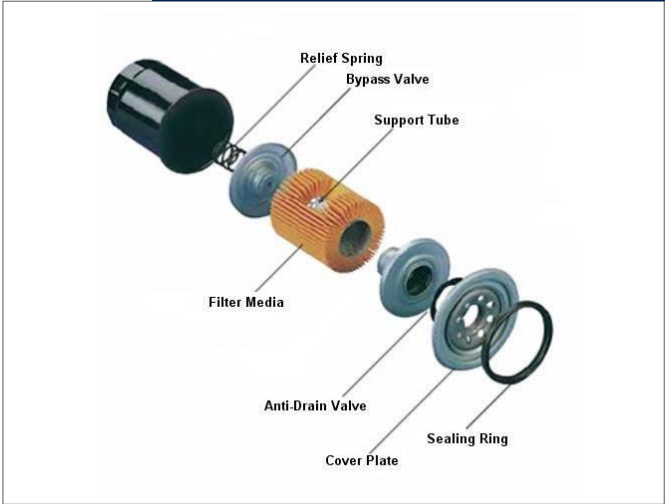
Pressure switch control	14 – 218 PSI
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Model DEPOFS650-B - DEPOFS650-B1 - DEPOFS650-C - DEPOFS650-C1

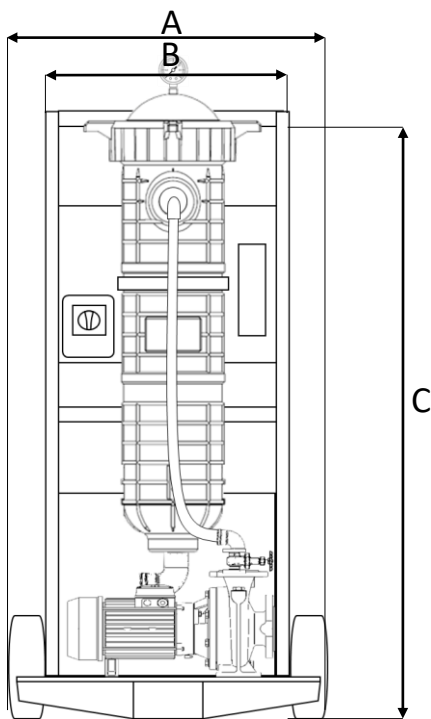
Fixed filtration grade µm	10
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Model DEPOFS650-1 - DEPOFS650-A1 - DEPOFS650-B1 - DEPOFS650-C1

Exploded view – Oil filter



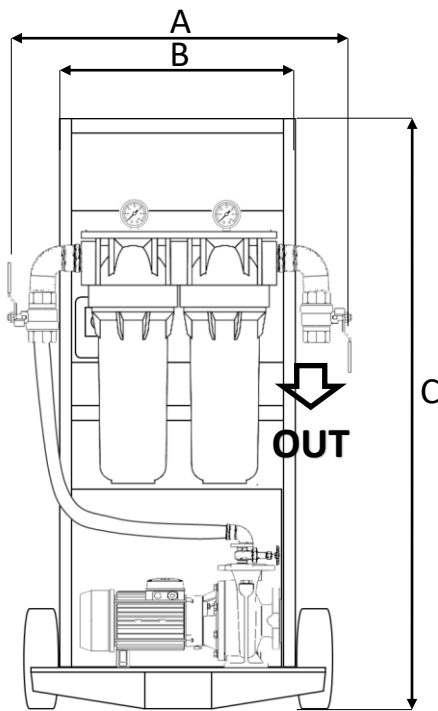
DEP-CFS



MODEL	Dimensions inch		
	A	B	C
DEPCFS1000	19.7	18.5	51
DEPCFS1500	19.7	18.5	51
DEPCFS3000	19.7	18.5	51
DEPCFS5000	19.7	18.5	51
DEPCFS7500	35.4	32.7	55.2
DEPCFS12000	35.4	32.7	55.2

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DEP-OFS



MODEL	Dimensions inch		
	A	B	C
DEPOFS650	19.7	18.5	45.3
DEPOFS650-1	19.7	18.5	45.3
DEPOFS650-A	19.7	18.5	45.3
DEPOFS650-A1	19.7	18.5	45.3
DEPOFS650-B	19.7	18.5	45.3
DEPOFS650-B1	19.7	18.5	45.3
DEPOFS650-C	19.7	18.5	45.3
DEPOFS650-C1	19.7	18.5	45.3
DEPOFS2000	19.7	18.5	45.3
DEPOFS2000A	19.7	18.5	45.3
DEPOFS3200	19.7	18.5	45.3

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DEP-OFS COOLANT CARTRIDGE FILTRATION



MODEL	Voltage V	Hz	Max flow GPM	Filtration Grade (*)
DEPECF-1C	230	50	22	3, 5, 10
DEPECF-1C1	230	70	31.7	3, 5, 10
DEPECF-1CA	110	60	22	3, 5, 10
DEPECF-1C1A	110	60	31.7	3, 5, 10
DEPECF-2C	230	50	44	3, 5, 10
DEPECF-2CA	230	50	44	3, 5, 10



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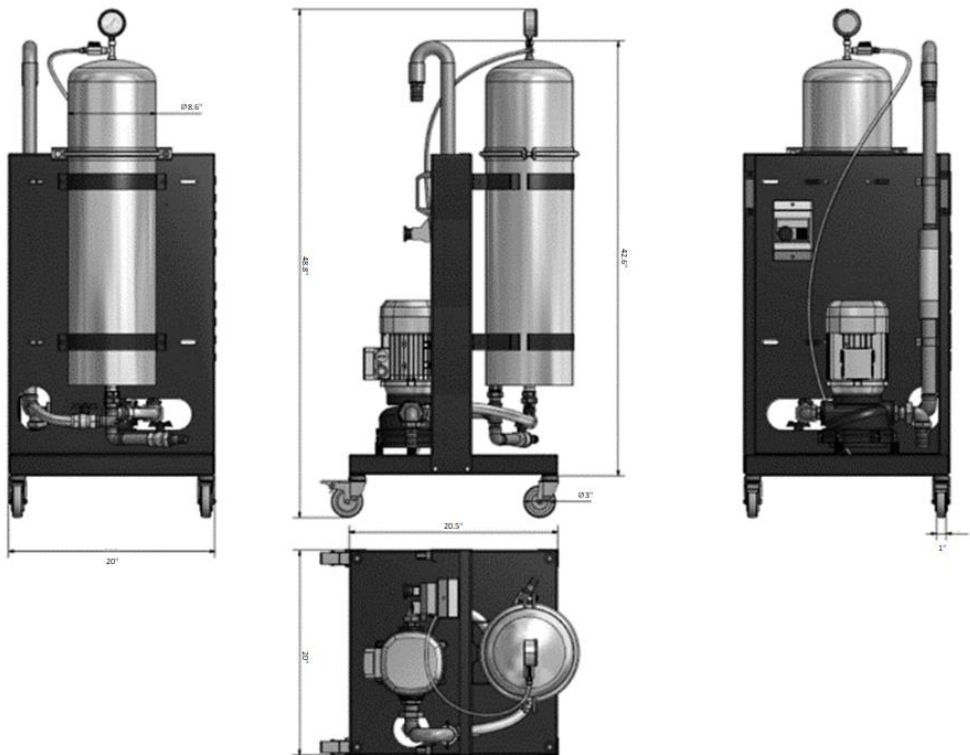
DEP-OFS OIL CARTRIDGE FILTRATION

MODEL	Voltage V	Hz	Max flow GPM	Filtration Grade (*)
DEPOCF-1C	230	50	22	3, 5, 10
DEPOCF-1C1	230	70	31.7	3, 5, 10
DEPOCF-1CA	110	60	22	3, 5, 10
DEPOCF-1C1A	110	60	31.7	3, 5, 10
DEPOCF-2C	230	50	44	3, 5, 10
DEPOCF-2CA	230	50	44	3, 5, 10



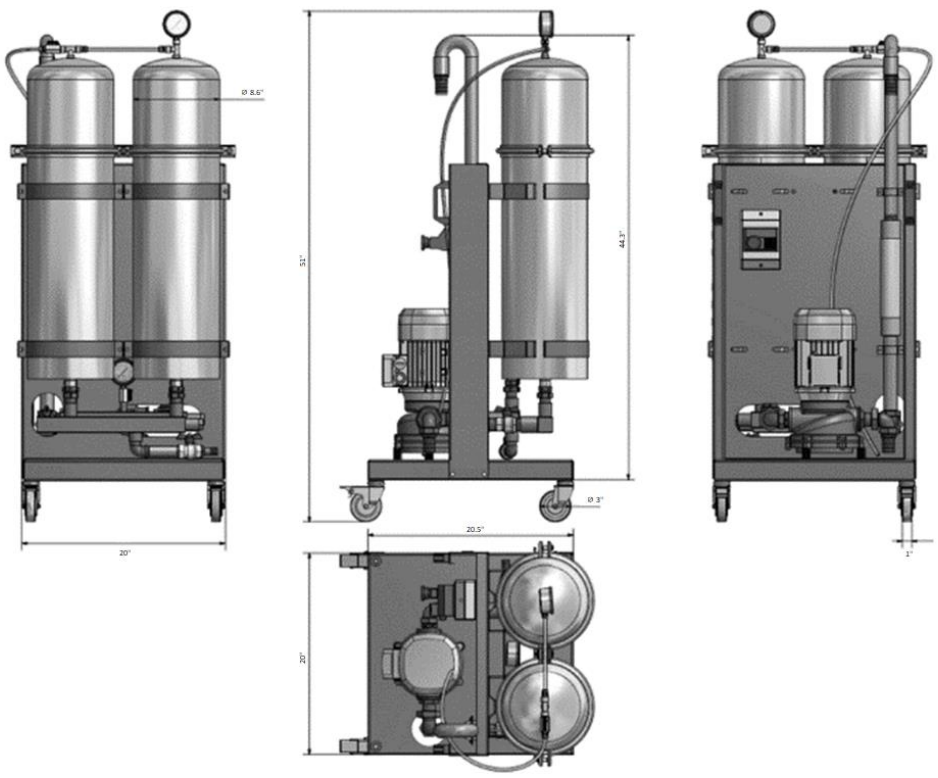
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DEP-EFC



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DEP-OFC



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DEP-EY

BELT FILTRATION



	Tank capacity gal	Emulsion flow (capacity) GPM	Neat oil flow (capacity) GPM	Total head PSI	Pump power kW	Motor power kW	Weight lbs
DEPEY50	48.8	13	6.6	29	0,16	0,12	238
DEPEY100	84.5	26.4	13	29	0,30	0,12	320
DEPEY150	135	29.6	19.8	29	0,40	0,12	443
DEPEY200	168	52.8	26.4	29	0,53	0,12	531
DEPEY250	203	66	33	29	0,78	0,12	606
DEPEY300	240	79	39.6	29	1,15	0,12	672
DEPEY400	313	105.7	52.8	29	1,47	0,12	760

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DEPEO

BELT FILTRATION

	Tank capacity gal	Emulsion flow (capacity) GPM	Neat oil flow (capacity) GPM	Total head PSI	Pump power kW	Motor power kW	Weight lbs
DEPEO300	35.7	6.6	4	29	0,16	0,12	156.5
DEPEO500	63.4	15.8	8	29	0,30	0,12	251
DEPEO700	123	26.4	13	29	0,53	0,12	359
DEPEO1000	161	44.9	22.5	29	0,78	0,12	434
DEPEO1200	203.4	66	33	29	1,15	0,12	522.5
DEPEO1500	303.8	92.5	46	29	3,60	0,12	665.5

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DEPKSM

MAGNETIC SEPARATION

	Emulsion flow (capacity) GPM	Neat oil flow (capacity) GPM	Motor power kW	Weight lbs
DEPKSM75	19.8	10	0,12	66
DEPKSM150	39.6	20	0,12	121
DEPKSM250	66	33	0,12	154
DEPKSM350	92.5	46	0,12	187
DEPKSM500	132	66	0,12	286

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HYPERFILTRATION



DEP-MFU MICRO-PARTICLE FILTRATION



Model	Motor	Pump	Max operating pressure	Flow GPM
DEPMFU150	1.5 kW 230 V 1P / 1.5 kW 400/230 V 3P	1450 r.p.m.	145 PSI	13.2
DEPMFU190	2.2 kW 400/230V 3P	1450 r.p.m.	145 PSI	28.8
DEPMFU181	4 kW 400/230V 3P	2900 r.p.m.	145 PSI	47.5
DEPMFU919	3.7/5 kW 400/230V 3P	1450 r.p.m. 2900 r.p.m.	145 PSI	28.8 47.5



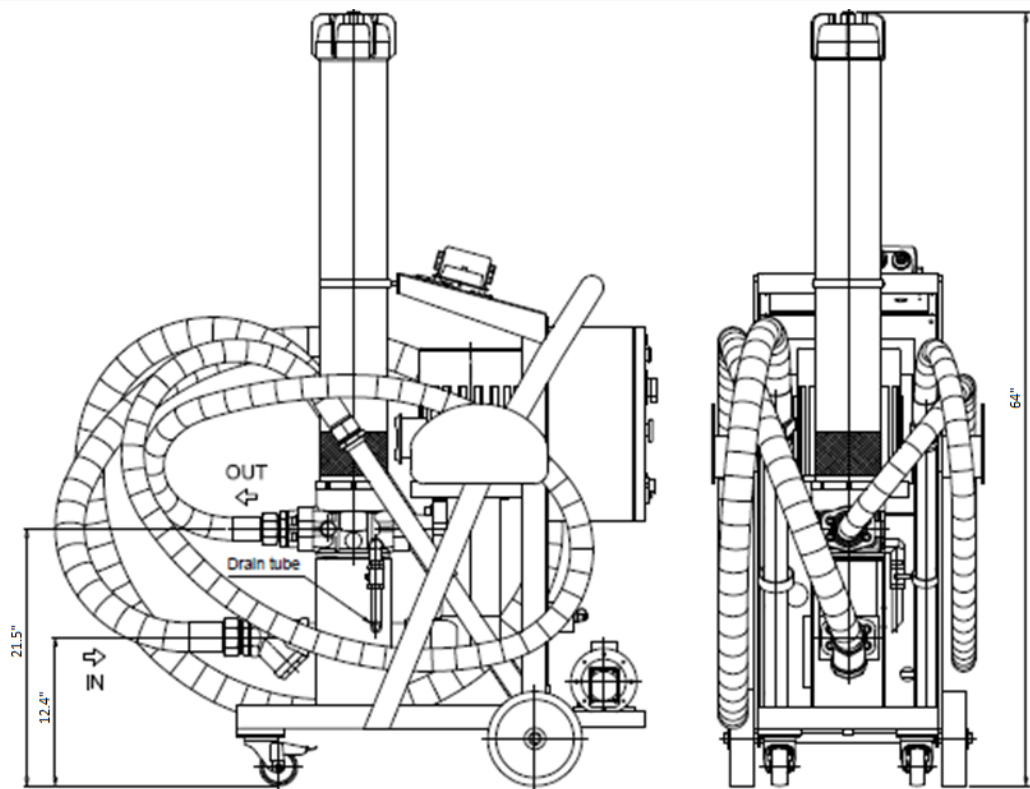
Model	Viscosity	Max. Operating Temperature
DEPMFU150	Min. 10 cSt Max. 300 cSt Max. (cold start) 800 cSt	176 °F
DEPMFU190	Min. 10 cSt Max. 800 cSt Max. (cold start) 2000 cSt	176 °F
DEPMFU181	Min. 10 cSt Max. 800 cSt Max. (cold start) 2000 cSt	176 °F
DEPMFU919	Min. 10 cSt Max. 800 cSt Max. (cold start) 2000 cSt	176 °F



Filtration grade μm	1, 3, 6, 10, 25
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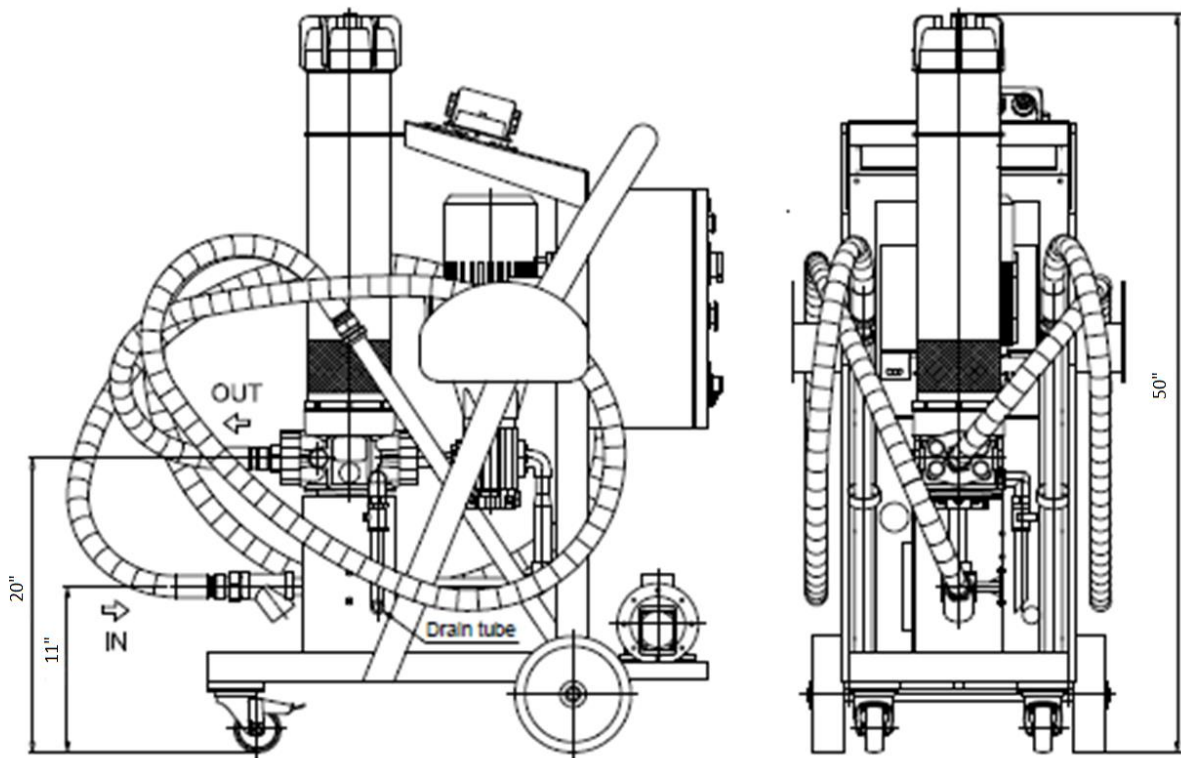
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DEP-MFU



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DEP-MFU919



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DEP-FT

HYPERFILTRATION



Model	Filters n#	Manifold	Filtering surface inch ²
DEPFT201	2" X 1	2"	251
DEPFT202	2" X 2	3"	502
DEPFT203	2" X 3	3" – 4"	753
DEPFT204	2" X 4	4" – 6"	1004
DEPFT205	2" X 5	4" – 6"	1255
DEPFT206	2" X 6	6"	1506
DEPFT207	2" X 7	6"	1758
DEPFT208	2" X 8	6" – 8"	2009
DEPFT209	2" X 9	6" – 8"	2260
DEPFT210	2" X 10	6" – 8"	2511
DEPFT211	2" X 11	8" – 10"	2762
DEPFT212	2" X 12	8" – 10"	3013

Technical characteristics

Material	Plastic
Filtration technology	Disc
Cleaning system	Automatic
Cleaning activation system	Hydraulic
Maximum working pressure	145 PSI
Minimum working pressure	116 PSI
Min. backwash pressure	218 PSI
Min. backwash flow	39.6 GPM per filter
Backwash duration	15 – 25 s per filter
pH	4 - 11
Water temperature	≤ 140 °F
Filtration degrees (micon)	400 – 200 – 130 – 100 – 50 – 20 – 10 – 5

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HOW DO THEY WORK

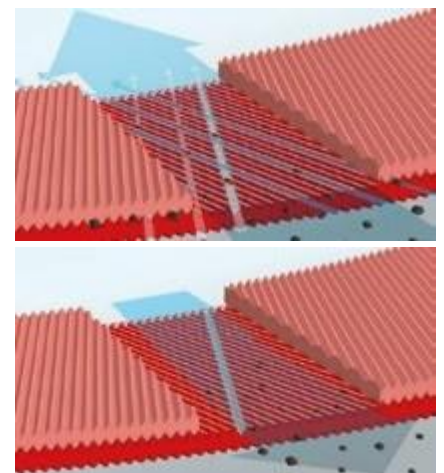
FILTRATION PHASE: Water flows from the inlet manifold to the inside of the filter, passing through the anti-clogging deflector DEPFT, which throws the heavy particles away from the disc stack, avoiding the quick clogging of the filter and minimizing the backwash frequency.

Water flows OUT-IN through the disc stack to the outlet manifold while particles bigger than the filtration degree are trapped in the discs.

SELF-CLEANING PHASE:

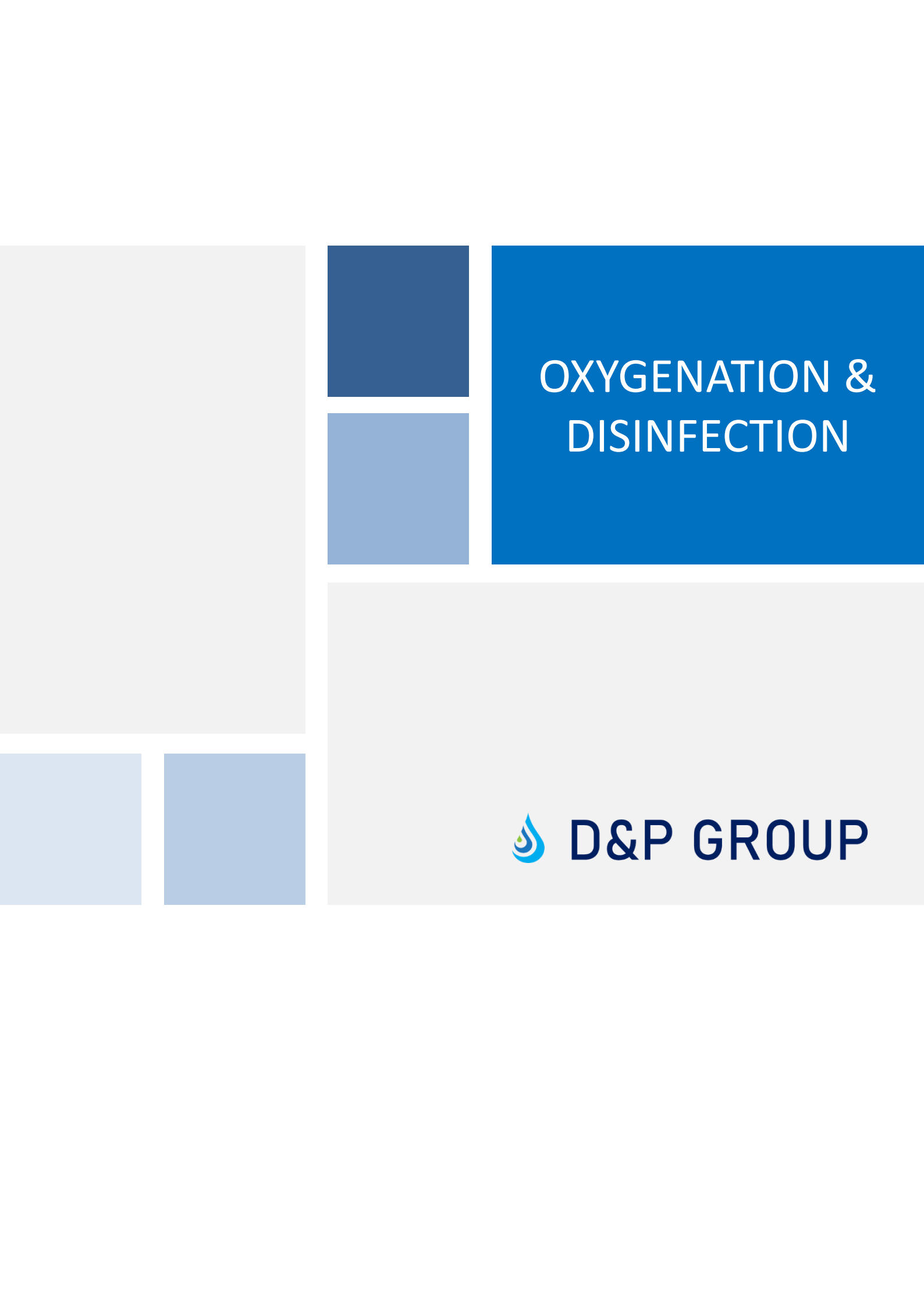
When automatic backwash is activated, the pressurized water flows IN-OUT, decompressing the disc stack.

High-speed flushing water flowing through the spray nozzles, creates a tangential cleaning effect the flush out the trapped particles



Working diagram

Other models and sizes on request

The background features a grid of colored squares. On the left, there is a large light gray square. To its right, there are two smaller squares, one dark blue and one medium blue, stacked vertically. Below the large light gray square, there are two more medium blue squares stacked vertically. On the right side, there is a large blue square containing the text 'OXYGENATION & DISINFECTION'. Below this, there is a large light gray square containing the D&P Group logo and name.

OXYGENATION & DISINFECTION

The logo consists of a stylized blue flame or water drop shape with a small yellow dot at its base.

D&P GROUP

DEP-OX

OXYGENATION



Model	Power	kW	Hz	Air CFM
DEPOXECO	Electrical	0.2	60	0.59



Model	D	Air qty CFM	Membrane material	Weight lbs
DEPOXPRODISC250	9"	0.02	EPDM-Silicon-PTFE Coated	13
DEPOXPRODISC320	12"	0.025	EPDM-Silicon-PTFE Coated	20



Model	Power	D	Membrane material	Air Qty CFM
DEPOXPROTUBE	Pneumatic	3"	EPDM-Silicon-PTFE Coated	0.025



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DEP-P3

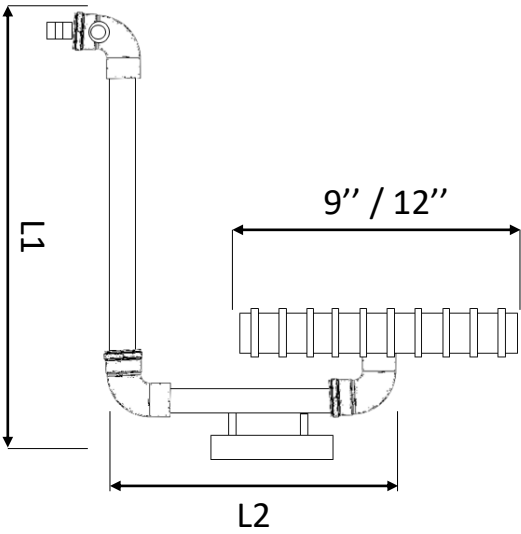
DISINFECTION

MODEL	Voltage V	Power kW	Hz	Max flow GPM
DEPP3	230V	0.37	50	13.2
DEPP3A	110V	0.37	60	13.2

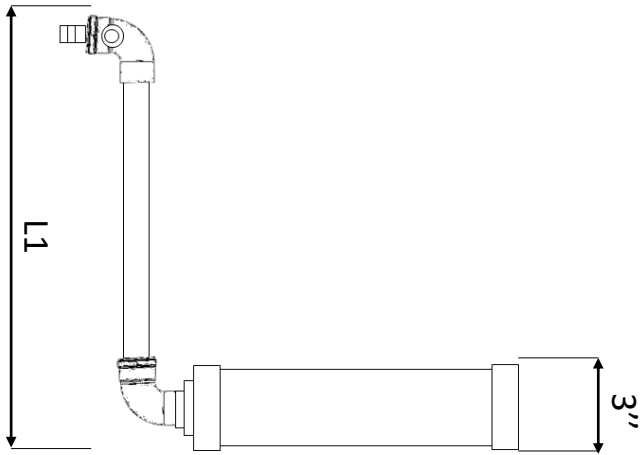


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DEP-OX



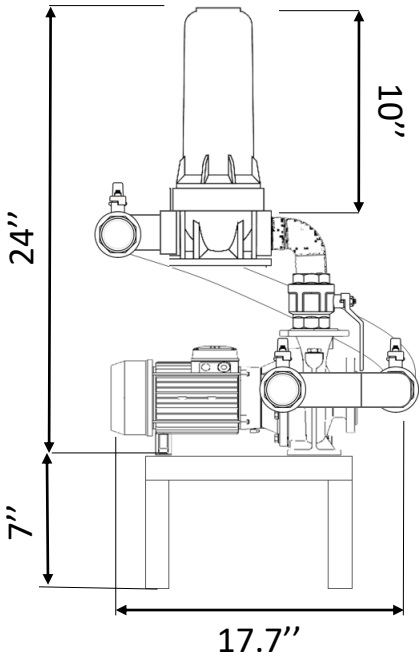
L1	<i>Cuomized to the customer's request</i>
L2	<i>Cuomized to the customer's request</i>



L1	<i>Cuomized to the customer's request</i>
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DEP-P3



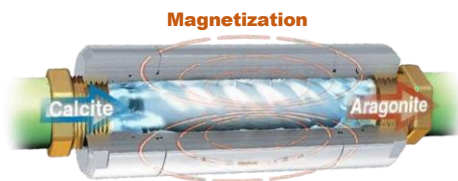
Dimensions and details shown in the models may not reflect the actual dimensions or details of a particular part due to tooling changes, drawing errors or other reasons. D&P reserves the right to change any portion of the models without notice at any time.

COOLANT WATER TREATMENT

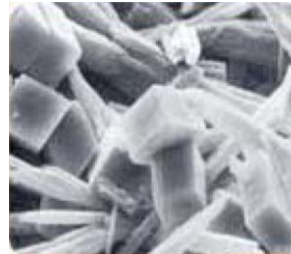


D&P GROUP

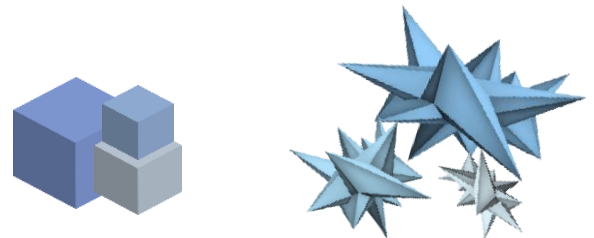
TECHNICAL INFORMATION



Thanks to the direct experience on field, Dosing & Pumps offers solutions dedicated to the removal of calcium carbonate from water. We achieve this result by using innovative equipment, covered by international patents, able to generate magnetic fields. Our technology, through the application of a magnetic field on the water flow, is able to modify the calcite molecules, transforming them into aragonite crystals, whose main characteristic is not to adhere to any surface and not to create deposits. The aragonite, which is in crystalline form (see image under the microscope below), is also intercepted with the use of special filters, thus reducing the hardness of the water without adding foreign chemicals, as do the most classic softeners. Softeners that, while softening the water, bring in salts that are just as harmful to our emulsion or our use as calcium carbonate.



Coalescence filtration working diagram



Coalescence filtration working diagram

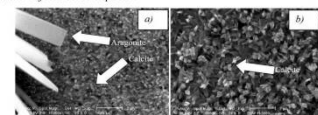
University of Cassino and
Southern LazioDepartment of Civil and
Mechanical Engineering**Reduction of calcareous scale formation
by PURAK magnetic polarizers**

The formation of calcareous scale in waters used both for domestic and industrial use, involves maintenance costs depending on the characteristics of the water and its chemical-physical conditions of use. To reduce the formation of such incrustations, before use the water is passed through Purak magnetic polarizers (produced by D&P s.r.l.). The type of magnetic device, to be used to maximize the reduction of encrusting deposits, requires knowledge of chemical characteristics of water such as salinity, temporary and permanent hardness, pH, both charge and ionic type. In addition it is also useful to know the flow rate, the temperature of both entry and use of water.

The effectiveness of the Purak device is determined by comparing the characteristics of surface calcareous deposits that are formed both with untreated water and treated with the selected magnetic polarizer. It must be pointed out that calcium carbonate precipitates not only on the surfaces containing the water but also in the bulk of the aqueous solution. In general, the calcium carbonate that is deposited on the surfaces is mainly present in the form of calcite with high aptitude to form scale deposits due both to crystalline habits and nanometric dimensions of calcite. On the contrary, the calcium carbonate that precipitates in the bulk of the solution crystallizes mainly in the form of aragonite characterized by a spherulitic crystalline habits and with micrometric dimensions and therefore with a minimal tendency to form surface scale deposits.

The water treatment with pre-selected PURAK magnetic polarizer allows two major advantages compared to untreated water:

- The mass of calcium carbonate deposited on surfaces in the form of calcite is considerably reduced, favoring the precipitation of aragonite in the bulk of the aqueous solution
- Significant increase in the crystalline dimensions of less reactive calcite precipitated on surfaces with lower aptitude to form scale deposits.



SEM micrographs of calcite deposits on surfaces formed at 80 °C by non-magnetized (a) and magnetized water (b) with PURAK polarizer.

These two results scientifically justify the considerable reduction of scale deposits on surfaces by treating the water with a selected PURAK magnetic polarizer.

Cassino, 30 January 2019

Eng. Maria Cristina Mascio



Coalescence filtration working diagram



Code	DEPPK3080		Code	DEPPK30100	
Connection	3/4" G		Connection	3/4" G	
Length	4.9 "		Length	6.3 "	
Diameter	2 "		Diameter	2"	
Weight	3.3 lbs		Weight	4 lbs	
Body	AISI 316L		Body	AISI 316L	
Temp. Max	104 °F		Temp. Max	104 °F	
Flow rate	1.3-13.2 GPM		Flow rate	1.9-10.5 GPM	

Code	PK.30120		Code	PK.30140	
Connection	1" G		Connection	1" G	
Length	7 "		Length	7.9 "	
Diameter	2 "		Diameter	2"	
Weight	4.7 lbs		Weight	5.2 lbs	
Body	AISI 316L		Body	AISI 316L	
Temp. Max	104 °F		Temp. Max	104 °F	
Flow rate	2.4-23.7 GPM		Flow rate	29 GPM	

Code	DEPPK90120		Code	DEPPK90120FL	
Connection	1-1/2" G		Connection	Flanges DN50	
Length	9.6 "		Length	11	
Diameter	5 "		Diameter	5 "	
Weight	48 lbs		Weight	44 lbs	
Body	AISI 316L		Body	AISI 316L	
Temp. Max	104 °F		Temp. Max	104 °F	
Flow rate	79 GPM		Flow rate	79 GPM	

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DOSING KITS



D&P GROUP

DEP-KI

INSTALLATION KIT



CODE	IN-LINE	BY-PASS	BRASS	PVC	FIXING FRAME	LIMESCALE REMOVER	LITER COUNTER	DOUBLE BY- PASS	DOUBLE DOSING PUMP	BALL VALVE	DOUBLE CHECK VALVE
DEP1	•		•			•					
DEP1A			•		•	•					
DEP1P				•		•					
DEP1PA				•	•	•					
DEP2			•								
DEP2A			•		•						
DEP2P				•							
DEP2PA				•	•						
DEP3		•	•								
DEP3A		•	•		•						
DEP3P		•									
DEP3PA		•			•						
DEP4		•	•			•	•				
DEP4A		•	•		•	•	•				
DEP4P		•		•		•	•				
DEP4PA		•		•	•	•	•				
DEP6		•	•				•				
DEP6A		•	•		•		•				
DEP6P		•		•			•				
DEP6PA		•		•	•		•				
DEP7		•	•								•
DEP7A		•	•		•						•
DEP7P		•		•							•
DEP7PA		•		•	•						•
DEP9	•		•							•	•
DEP9A	•		•		•					•	•
DEP9P	•			•						•	•
DEP9PA	•			•	•					•	•
DEP12		•	•								
DEP12A		•	•		•						
DEP12P		•		•							
DEP12PA		•		•	•						



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Dosing pumps not included, sold separately.

DEP-KI

INSTALLATION KIT



CODE	IN-LINE	BY-PASS	BRASS	PVC	FIXING FRAME	LIMESCALE REMOVER	LITER COUNTER	DOUBLE BY- PASS	DOUBLE DOSING PUMP	BALL VALVE	DOUBLE CHECK VALVE
DEP13		•	•			•					
DEP13A		•	•		•	•					
DEP13P		•		•		•					
DEP13PA		•		•	•	•					
DEP15	•		•			•					
DEP15A	•		•		•	•					
DEP15P	•			•		•					
DEP15PA	•			•	•	•					
DEP16	•		•							•	
DEP16A	•		•		•					•	
DEP16P	•			•						•	
DEP16PA	•			•	•					•	
DEP18	•		•			•	•				
DEP18A	•		•		•	•	•				
DEP18P	•			•		•	•				
DEP18PA	•			•	•	•	•				
DEP19	•		•				•				
DEP19A	•		•		•		•				
DEP19P	•			•			•				
DEP19PA	•			•	•		•				
DEP22			•				•		•		
DEP22A			•		•		•		•		
DEP22P				•			•		•		
DEP22PA				•	•		•		•		
DEP25			•						•		
DEP25A			•		•				•		
DEP25P				•					•		
DEP25PA				•	•				•		



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Dosing pumps not included, sold separately.

DEP10	Venturi system dosing pump kit. Flow: 1.3-2.9 GPM; dosing range: 1%-15%
DEP10A	Venturi system dosing pump kit. Flow:1.3-2.9 GPM; dosing range: 15%-40%
DEP10B	Standard venturi system dosing pump



DEP26	Limescale damage preventer installation kit. Max water hardness: 40 °f - 400 ppm
DEP26B	Limescale damage preventer installation kit. Water hardness: over 40 °f – 400 ppm
DEP26C	Limescale damage preventer installation kit. Max water hardness: 40 °f – 400 ppm; double cleaning filter
DEP26D	Limescale damage preventer installation kit. Water hardness: over 40 °f – 400 ppm; double cleaning filter
DEP28	Limescale damage preventer installation kit. Water hardness: 40 °f – 400 ppm; 6x filters without manometers
DEP28A	Limescale damage preventer installation kit. Water hardness: 40 °f – 400 ppm; 6x filters without manometers + fixing frame
DEP29	Limescale damage preventer installation kit. Water hardness: over 40 °f – 400 ppm; 6x filters without manometers
DEP29A	Limescale damage preventer installation kit. Water hardness: over 40 °f – 400 ppm; 6x filters without manometers + fixing frame
DEP30	Limescale damage preventer installation kit. Water hardness: 40 °f – 400 ppm; 6x filters with manometers
DEP30A	Limescale damage preventer installation kit. Water hardness: 40 °f – 400 ppm; 6x filters with manometers + fixing frame
DEP27	Limescale damage preventer installation kit. Water hardness: over 40 °f – 400 ppm; 6x filters manometers
DEP27A	Limescale damage preventer installation kit. Water hardness: over 40 °f – 400 ppm; 6x filters with manometers + fixing frame



DEP32A	Mobile dosing kit frame/bracket for 55GAL drum/tote
DEP33	4 wheels cart polished for 16GAL drum/tote
DEP33A	Mobile dosing kit station on 4 wheels cart polished for drum/tote
DEP34	4 wheels cart polished for 55GAL drum/tote
DEP34A	Mobile dosing kit station on 4 wheels cart polished for 55GAL drum/tote
DEP35	4 wheels cart polished with safety tank for 55GAL drum/tote
DEP35A	Mobile dosing kit station on 4 wheels cart polished with safety tank for 55GAL drum/tote
DEP36	4 wheels hard duty cart polished for 55GAL drum/tote
DEP36A	Mobile dosing kit station on 4 wheels hard duty cart polished for 55GAL drum/tote



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DEP37	Hammer arrestor valve kit – Max. pressure: 174 PSI
DEP37A	Hammer arrestor valve kit – Max. pressure: OVER 174 PSI



DEP44	Mounting bracket for dosing pumps DØ 2" for drum/tote
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DEP45D	Aspiration kit for dosing pumps – pipe DØ int. 18mm/0.7" with bottom check valve + quick connect hose coupling
DEP46D	Aspiration kit for dosing pumps – pipe DØ int. 18mm/0.7" with bottom check valve + bayonet hose coupling
DEP47	Aspiration kit for dosing pumps – pipe DØ int. 16mm/0.6" with bottom check valve + bayonet hose coupling
DEP48	Aspiration kit for dosing pumps – pipe DØ int. 16mm/0.6" with bottom check valve + quick connect hose coupling



DEP49	Aspiration lance for 55GAL drum/tote
DEP49A	Aspiration lance for 16GAL drum/tote



DEP92752	Bottom check valve kit for coolant. Model for dosing pumps with aspiration pipe DØ int. 18mm/0.7"
DEP92752 A	Bottom check valve kit for coolant. Model for dosing pumps with aspiration pipe DØ int. 16mm/0.6"



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AUTOMATION 4.0



DEP-MIX MIXING SYSTEM

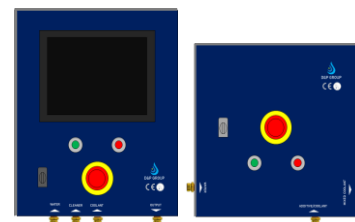


CODE	DESCRIPTION
DEPMIX-3048	Standard dosing kit for automatic dosing, filling and refilling coolant Maximum operating flow 8.8 GPM Minimum operating pressure: 43.5 PSI Dosing range 0,5-50%
DEPMIX-7048	Dosing kit for automatic dosing, filling and refilling coolant with fixing bracket and safety tank Maximum operating flow 8.8 GPM Minimum operating pressure: 43.5 PSI Dosing range 0,5-50%



LDS4.0 COOLANT MANAGEMENT 4.0

CODE	DESCRIPTION
LDS4.0ZA	Automatic analysis system for coolant sump
LDS4.0ZM	Automatic dosing system for dosing, filling and refilling coolant Maximum operating flow 1500lt/h Minimum operating pressure: 29 PSI Dosing range: 0,1-100%
LDS4.0ZM1	Automatic dosing system for dosing, filling and refilling coolant Maximum operating flow: 13 GPM Minimum operating pressure: 29 PSI Dosing range: 0,1-100%



DEP-TUSO REFILLING SYSTEM

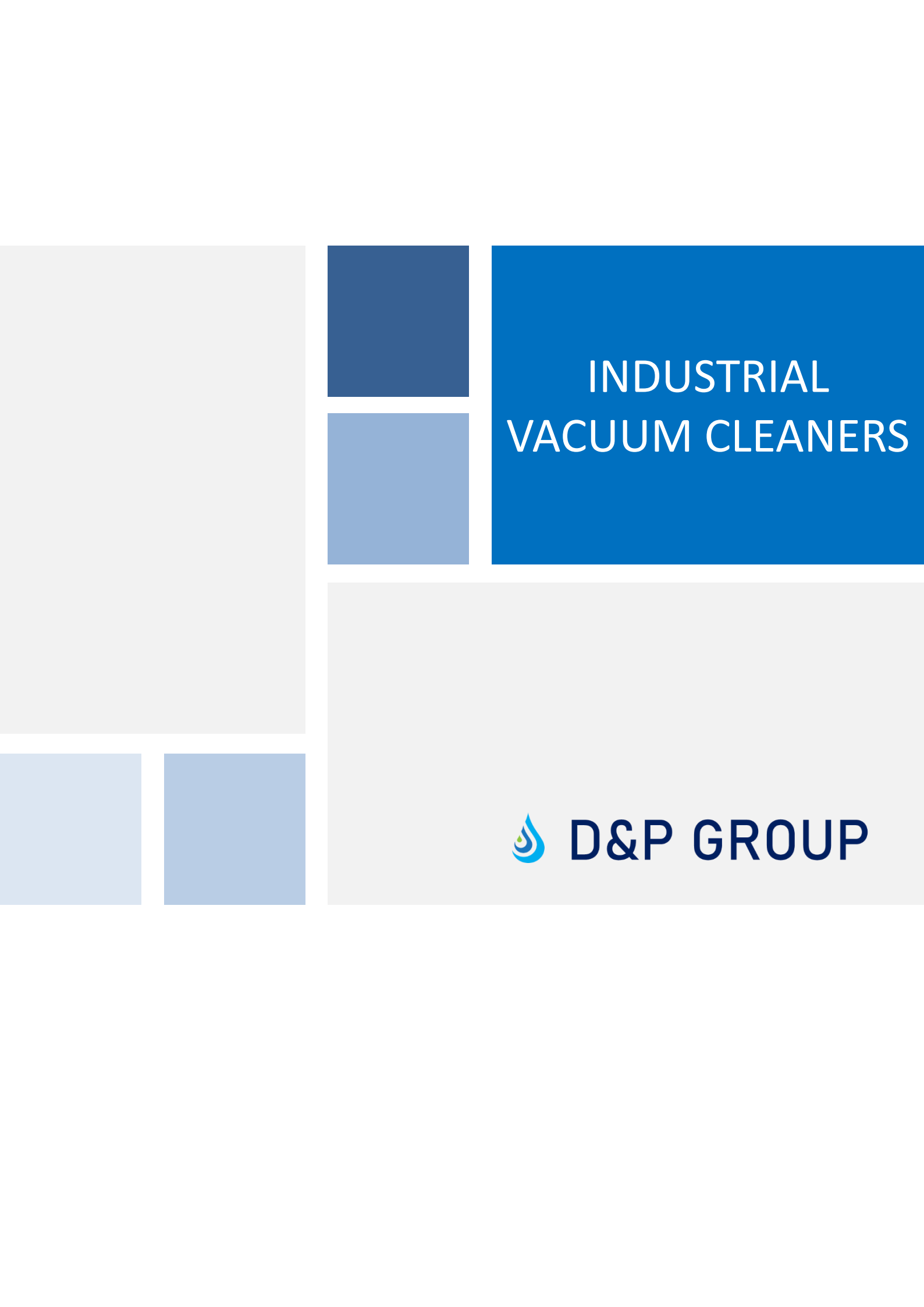
CODE	DESCRIPTION
DEP-TUSO	Automatic topping up kit for power units and tanks of – hydraulics oils – cutting oils – generics neat oils without viscosity and density limitation



LRS4.0 RECYCLING SYSTEM

CODE	DESCRIPTION
LRS4.0	Reuse and recycling system for exhausted emulsion





INDUSTRIAL VACUUM CLEANERS



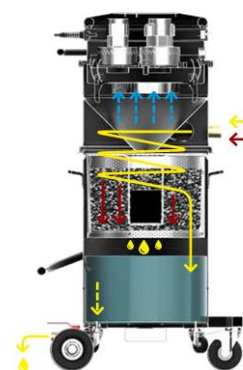
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DEP-MW INDUSTRIAL VACUUM CLEANERS



MODEL	DEPMW 70	DEPMW 100	DEPMW 100A	DEPMW 130	DEPMW 250
Liquid Capacity gal	18.5	26	26	34	250
Solid Capacity gal	10.5	13	13	10.5	18.5
Motor	2 By-Pass	3 By-Pass	Side channel blower	2 By-Pass	Side channel blower
Power kW - HP	2,6 - 3,5	3,9 - 5,2	3 - 4 / 2,2 - 3	2,6 - 3,5	3 - 4 / 5,5 - 7,5
V Hz	240 50-60	230 50/60	400 50-60	240 50-60	400 50-60
IP	---	---	55 F	---	55 F
Max Vacuum PSI	3.6	3.6	4.6	3.6	4 / 7
Continuous Vacuum PSI	---	---	3.6 / 2.6	---	3.8 / 6.4
Max air flow GPM	1673	2509	1541	1673	1408 / 1452
Aspiration time GPM	1109/285	1585/412	1585/412	2060/475	3962/792
Discharge time GPM	1109/317	---	1585/1458	2060/792	3962/1585
Aspiration inlet Ø inch	2"	2"	2"	2"	2"
Dimensions inch	27.5 X 17.7 X 56.7 h	27.5 X 17.7 X 56.7 h	33 X 28 X 64 h	27.5 X 46.5 X 52 h	33 X 61 X 70 h
Weight lbs	198	198	242	209	529
Primary Waste System	Gravity	Gravity	Flow inversion	Flow inversion	Submersible pump
Optional Waste System	Submersible pump	---	---	Submersible pump	---
Primary Filter	Anti-oil cartridge	Anti-oil cartridge	Anti-oil cartridge	---	Anti-oil cartridge
Secondary filter	PPL Filter	PPL Filter	PPL Filter	PPL Filter	PPL Filter

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Working diagram



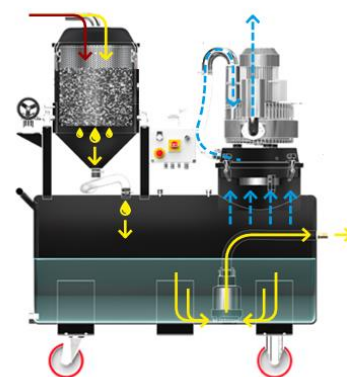
A. PPL filter – B. Anti-oil cartridge

DEP-MW INDUSTRIAL VACUUM CLEANERS



MODEL	DEPMW 280	DEPMW 280A	DEPMW 500	DEPMW 500A	DEPMW 1000	DEPMW 1000A
Liquid Capacity gal	74	74	132	132	264	264
Solid Capacity gal	10.5	10.5	10.5	18.5	10.5	10.5
Motor	Side channel blower	3 By-Pass	Side channel blower	Side channel blower	Side channel blower	Rotary pump
Power kW - HP	2,2 - 3	3,9 - 5,2	4,3 - 5,8	4,3 - 5,8 / 5,5 - 7,5	5,5 - 7,5	5,5 - 7,5
V Hz	400 50-60	230 50-60	400 50-60	400 50-60	400 50-60	400 50-60
IP	55 F	---	55 F	55 F	55 F	55 F
Max Vacuum PSI	4	3.6	6	6 / 7	7	13
Continuous Vacuum PSI	3	---	5	5 / 6	6	11.6
Max air flow GPM	968	2509	1408	1408	1408	1320
Aspiration time GPM	4438/1268	4438/998	7925/1902	7925/1902	15850/3170	15850/3170
Discharge time GPM	4438/1268	4438/998	7925/1902	7925/1902	15850/3170	15850/3170
Aspiration inlet Ø inch	2"	2"	2"	2"	2"	2"
Dimensions inch	27.5 X 57 X 55 h	27.5 X 57 X 55 h	23.6 X 59 X 70 h	23.6 X 59 X 70 h	37 X 72.8 X 74.5 h	37 X 65 X 74 h
Weight lbs	485	297	485	705 / 771	551	1014
Primary Waste System	Flow inversion	Submersible pump	Flow inversion	Submersible pump	Flow inversion	Flow inversion
Optional Waste System	Submersible pump	---	Submersible pump	---	Submersible pump	---
Primary Filter	---	Anti-oil cartridge	---	Anti-oil cartridge	Anti-oil cartridge	---
Secondary filter	PPL Filter	PPL Filter	PPL Filter	PPL Filter	PPL Filter	PPL Filter

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Working diagram



A.



B.

A. PPL filter – B. Anti-oil cartridge

GREASE & OIL
EQUIPMENT



D&P GROUP

DEP-MIX

OIL TRANSFERS



Oil transfer system for IBC with mounting bracket. Material stainless steel.

MODEL	Max Flow gal	P PSI	rpm	V	Hz	Dispensing gun
DEP27	16	116 – 725	1400	400	60	Gun + liter counter
DEP27A	16	116 – 725	1400	400	60	Standard
DEP39	4	58	1400	230	60	Gun + liter counter
DEP39A	4	58	1400	230	60	Standard
DEP40	2.8	217	2560	230	60	Gun + liter counter
DEP40A	2.8	217	2560	230	60	Standard
DEP40B	2.8	217	2560	110	60	Gun + liter counter
DEP40C	2.8	217	2560	110	60	Standard
DEP40D	2.8	217	2560	400	60	Gun + liter counter
DEP40E	2.8	217	2560	400	60	Standard
DEP41	9	113 - 435	14000	230	60	Gun + liter counter
DEP41A	9	113 - 435	14000	230	60	Standard
DEP41B	9	113 - 435	14000	110	60	Gun + liter counter
DEP41C	9	113 - 435	14000	110	60	Standard
DEP41D	9	113 - 435	14000	400	60	Gun + liter counter
DEP41E	9	113 - 435	14000	400	60	Standard

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DEP-MIX OIL TRANSFERS

Oil transfer system for drum/tote on 4 wheels cart. Material stainless steel.

MODEL	Max Flow GPM	Barrel capacity gal	P PSI	rpm	V	Hz	Dispensing gun
DEP42	16	55	116 – 725	1400	400	60	Standard
DEP42A	16	55HD	116 – 725	1400	400	60	Standard
DEP43	4	16	58	1400	230	60	Standard
DEP43A	4	55	58	1400	230	60	Standard
DEP43B	4	55HD	58	1400	230	60	Standard
DEP43C	4	55ST	58	1400	230	60	Standard
DEP48	4	16	58	1400	230	60	Gun + counter liter
DEP48A	4	55	58	1400	230	60	Gun + counter liter
DEP48B	4	55HD	58	1400	230	60	Gun + counter liter
DEP48C	4	55ST	58	1400	230	60	Gun + counter liter
DEP49	2.8	16	217	2760	230	60	Gun + counter liter
DEP49A	2.8	55	217	2760	230	60	Gun + counter liter
DEP49B	2.8	55HD	217	2760	230	60	Gun + counter liter
DEP49C	2.8	55ST	217	2760	230	60	Gun + counter liter
DEP50	2.8	16	217	2760	230	60	Standard
DEP50A	2.8	55	217	2760	230	60	Standard
DEP50B	2.8	55HD	217	2760	230	60	Standard
DEP50C	2.8	55ST	217	2760	230	60	Standard

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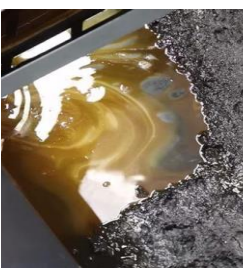
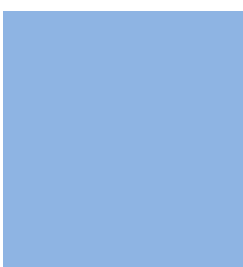
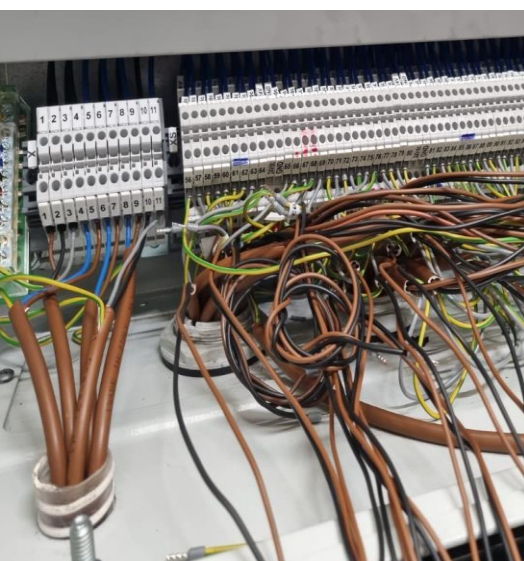
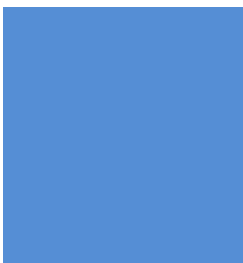
DEP-MIX OIL TRANSFERS

Oil transfer system for drum/tote on 4 wheels cart. Material stainless steel.

MODEL	Max Flow GPM	Barrel capacity gal	P PSI	rpm	V	Hz	Dispensing gun
DEP51	2.8	55	217	2760	110	60	Gun + counter liter
DEP51A	2.8	55	217	2760	110	60	Standard
DEP51B	2.8	16	217	2760	110	60	Gun + counter liter
DEP51C	2.8	16	217	2760	110	60	Standard
DEP51D	2.8	55HD	217	2760	110	60	Gun + counter liter
DEP51E	2.8	55HD	217	2760	110	60	Standard
DEP51F	2.8	55ST	217	2760	110	60	Gun + counter liter
DEP51G	2.8	55ST	217	2760	110	60	Standard
DEP52	2.8	16	217	2760	400	60	Gun + counter liter
DEP52A	2.8	16	217	2760	400	60	Standard
DEP52B	2.8	55	217	2760	400	60	Standard
DEP52C	2.8	55	217	2760	400	60	Gun + counter liter
DEP52D	2.8	55HD	217	2760	400	60	Standard
DEP52E	2.8	55HD	217	2760	400	60	Gun + counter liter
DEP52F	2.8	55ST	217	2760	400	60	Gun + counter liter
DEP52G	2.8	55ST	217	2760	400	60	Standard
DEP53	9	55HD	113 - 435	1400	230	60	Standard
DEP53A	9	55HD	113 - 435	1400	230	60	Gun + counter liter
DEP53C	9	55ST	113 - 435	1400	230	60	Standard
DEP53C	9	55ST	113 - 435	1400	230	60	Gun + counter liter



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D&P GROUP

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