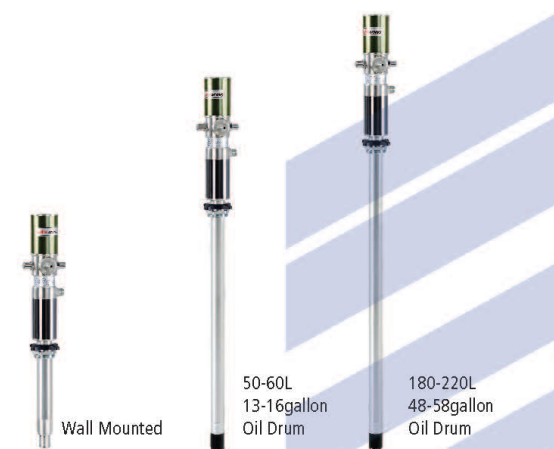
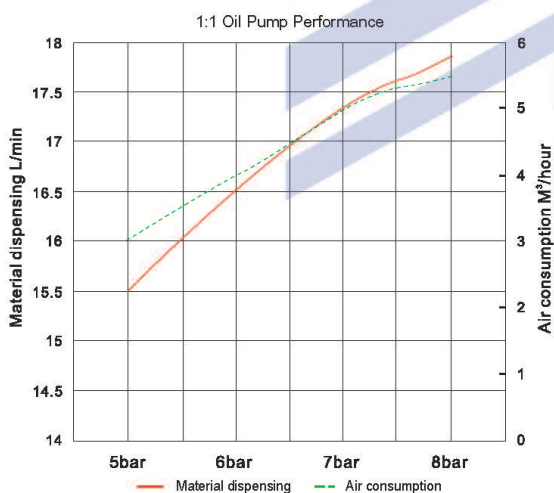


1:1 | AIR-OPERATED OIL PUMP

- Air operated for integration into transfer system.
- Smart design with fewer parts for less pump wear & tear.
- Differential air motor ensures smooth pumping.
- Typical fluids handled include motor oil, synthetic oil, hydraulic oil, gear oil and automatic transmission fluid.
- Supplied with adjustable 2" bung adapter.



Flow Rate
up to
18 Liters
up to 4.8GPM



Entire Usage:
540,000 Liters or 142,660G

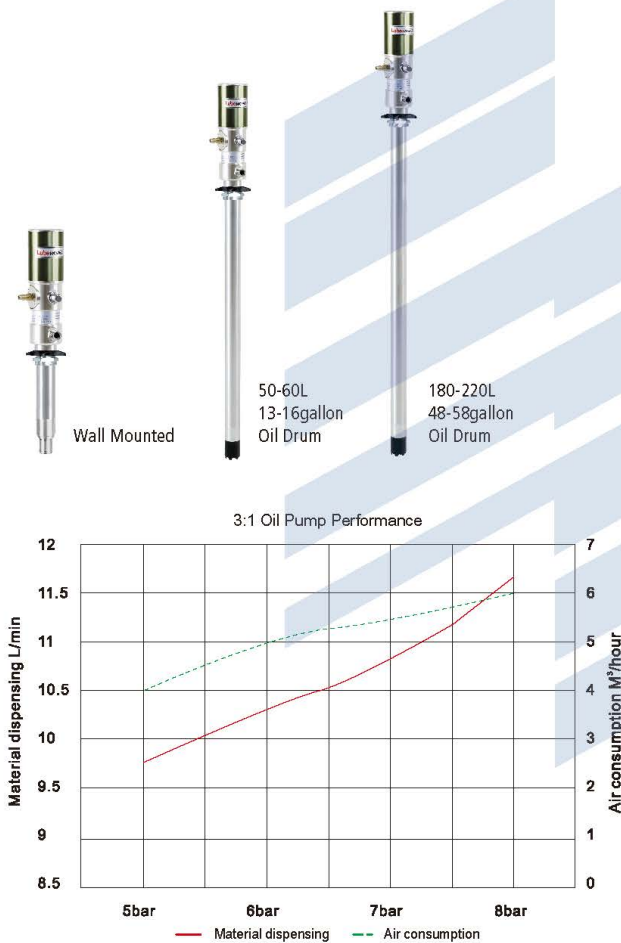


Item No.	LP114.02	LP114.01	LP114.03	LP114.04	LP114.05	LP114.06
Ref. No.	1701001	1701002	1701003	1701001	1701002	1701003
Drum Application	Wall mounted	50-60L	180-220L	Wall mounted	13-16gallon	48-58gallon
Pressure Ratio	1:1			1:1		
Air Inlet Pressure	5-8bar			70-115psi		
Max. Fluid Pressure	8bar			115psi		
Air Motor Effective Diameter	63mm			2.5"		
Air Consumption (Per Minute)	100L @8bar			3.6CFM @115psi		
Max. Free Flow Rate (Per Minute)	18L			4.8gallon		
Suction Tube Diameter	42mm			1-5/8"		
Suction Tube Length	270mm	730 mm	940mm	10-5/8"	28-3/4"	37"
Air Inlet Connection	1/4" quick plug			1/4"NPT Female		
Oil Outlet Connection	1/2"M			1/2"M		
Weight	5kgs	5.5kgs	6kgs	11lbs	12lbs	13lbs
Packaging Dimension	13x13x73cm	13x13x117cm	13x13x137cm	5.1"x5.1"x28.7"	5.1"x5.1"x46.1"	5.1"x5.1"x53.9"

Test media: SAE30 oil, +20°C, 2M hose length free outlet

3:1 | AIR-OPERATED OIL PUMP

- Air operated for integration into dispensing system.
- Smart design with fewer parts for less pump wear & tear.
- Differential air motor ensures smooth pumping.
- Typical fluids handled include motor oil, synthetic oil, hydraulic oil, gear oil and automatic transmission fluid.
- Double action.
- Supplied with adjustable 2" bung adapter.



Flow Rate
up to
12 Liters
up to 3.2GPM



Entire Usage:
360,000 Liters or 95,110G

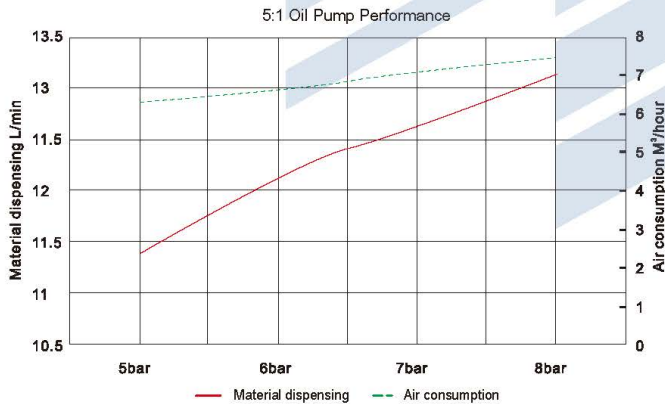
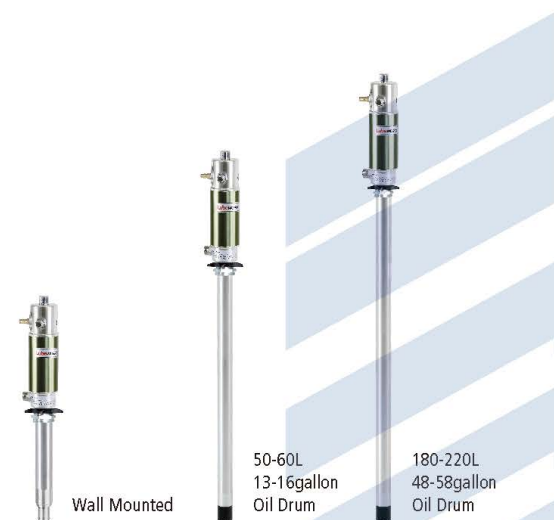


Item No.	LP115.02	LP115.01	LP115.03	LP115.04	LP115.05	LP115.06
Ref. No.	1701031	1701032	1701033	1701031	1701032	1701033
Drum Application	Wall mounted	50-60L	180-220L	Wall mounted	13-16gallon	48-58gallon
Pressure Ratio	3:1			3:1		
Air Inlet Pressure	5-8bar			70-115psi		
Max. Fluid Pressure	24bar			350psi		
Air Motor Effective Diameter	63mm			2.5"		
Air Consumption (Per Minute)	110L @8bar			3.9CFM @115 psi		
Max. Free Flow Rate (Per Minute)	12 L			3.2gallon		
Suction Tube Diameter	42mm			1-5/8"		
Suction Tube Length	270mm	730mm	940mm	10-5/8"	28-3/4"	37"
Air Inlet Connection	1/4" quick plug			1/4" NPT Female		
Oil Outlet Connection	1/2" M			1/2" M		
Weight	5kgs	5.5kgs	6kgs	11lbs	12lbs	13lbs
Packaging Dimension	13x13x62cm	13x13x108cm	13x13x128cm	5.1"x5.1"x24.4"	5.1"x5.1"x42.5"	5.1"x5.1"x50.4"

Test media: SAE30 oil , +20°C, 2M hose length free outlet

5:1 | AIR-OPERATED OIL PUMP

- Air operated for integration into dispensing system.
- Smart design with fewer parts for less pump wear & tear.
- Differential air motor ensures smooth pumping.
- Typical fluids handled include motor oil, synthetic oil, hydraulic oil, gear oil and automatic transmission fluid.
- Double action.
- Supplied with adjustable 2" bung adapter.



Flow Rate
up to
14 Liters
up to 3.7GPM



Entire Usage:
420,000 Liters or 110,960G

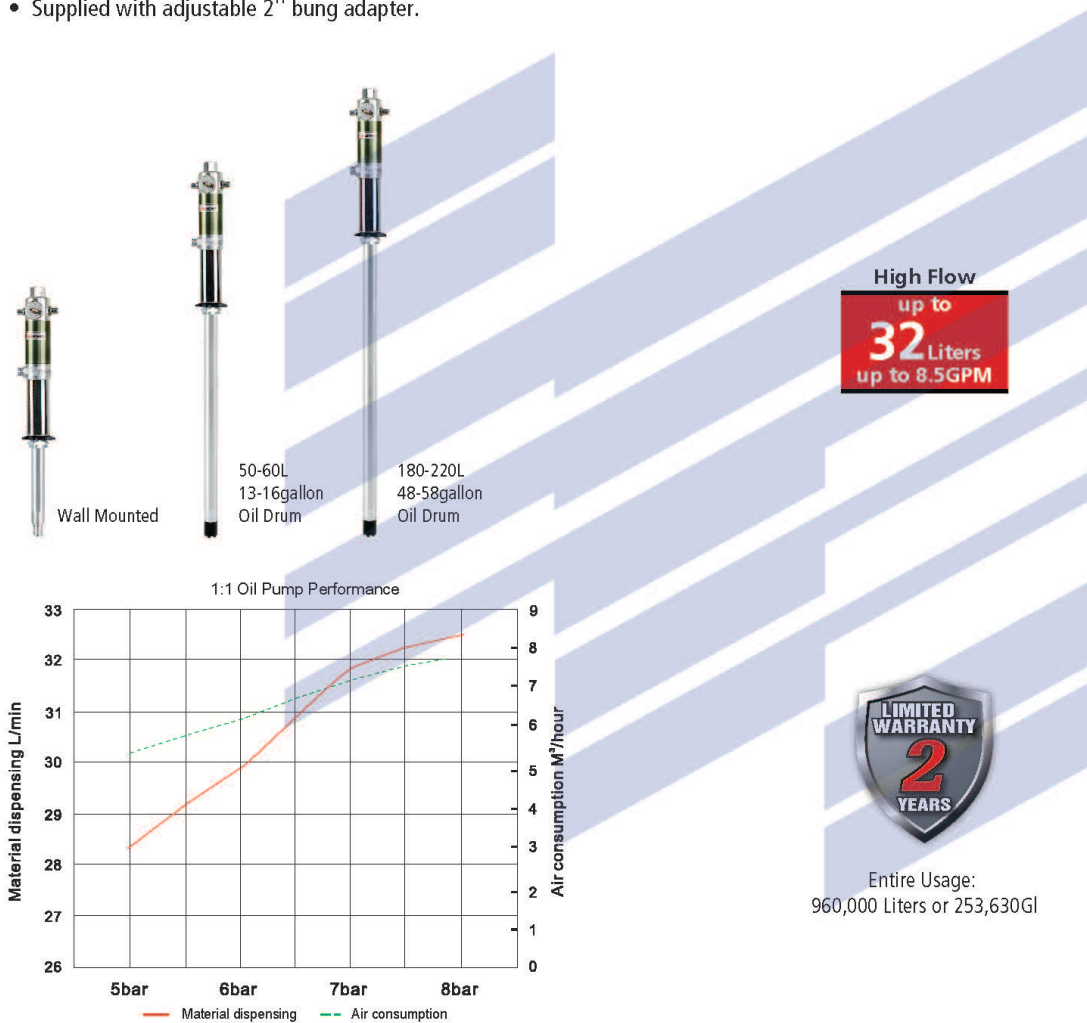


Item No.	LP116.02	LP116.05	LP116.06	LP116.04	LP116.01	LP116.03
Ref. No.	1701051	1701052	1701053	1701051	1701052	1701053
Drum Application	Wall mounted	50-60L	180-220L	Wall mounted	13-16gallon	48-58gallon
Pressure Ratio	5:1			5:1		
Air Inlet Pressure	5-8bar			70-115psi		
Max. Fluid Pressure	40bar			580psi		
Air Motor Effective Diameter	63mm			2.5"		
Air Consumption (Per Minute)	125L @8bar			4.5CFM @115psi		
Max.free Flow Rate (Per Minute)	14L			14L		
Suction Tube Diameter	42mm			1-5/8"		
Suction Tube Length	270mm	730mm	940mm	10-5/8"	28-3/4"	37"
Air Inlet Connection	1/4" quick plug			1/4" NPT Female		
Oil Outlet Connection	1/2" M			1/2" M		
Weight	5kgs	5.5kgs	6kgs	11lbs	12lbs	13lbs
Packaging Dimension	13x13x62cm	13x13x108cm	13x13x128cm	5.1"x5.1"x24.4"	5.1"x5.1"x42.5"	5.1"x5.1"x50.4"

Test media: SAE30 oil, +20°C, 2M hose length free outlet

1:1 | HIGH FLOW RATE TRANSFER PUMP

- Air Operated for integration into transfer system.
- Typical fluids handled include motor oil, synthetic oil hydraulic oil, gear oil and automatic transmission fluid.
- Flow rate up to 32L/m for oil of low and medium viscosity at short and medium distance.
- Double action.
- Supplied with adjustable 2" bung adapter.

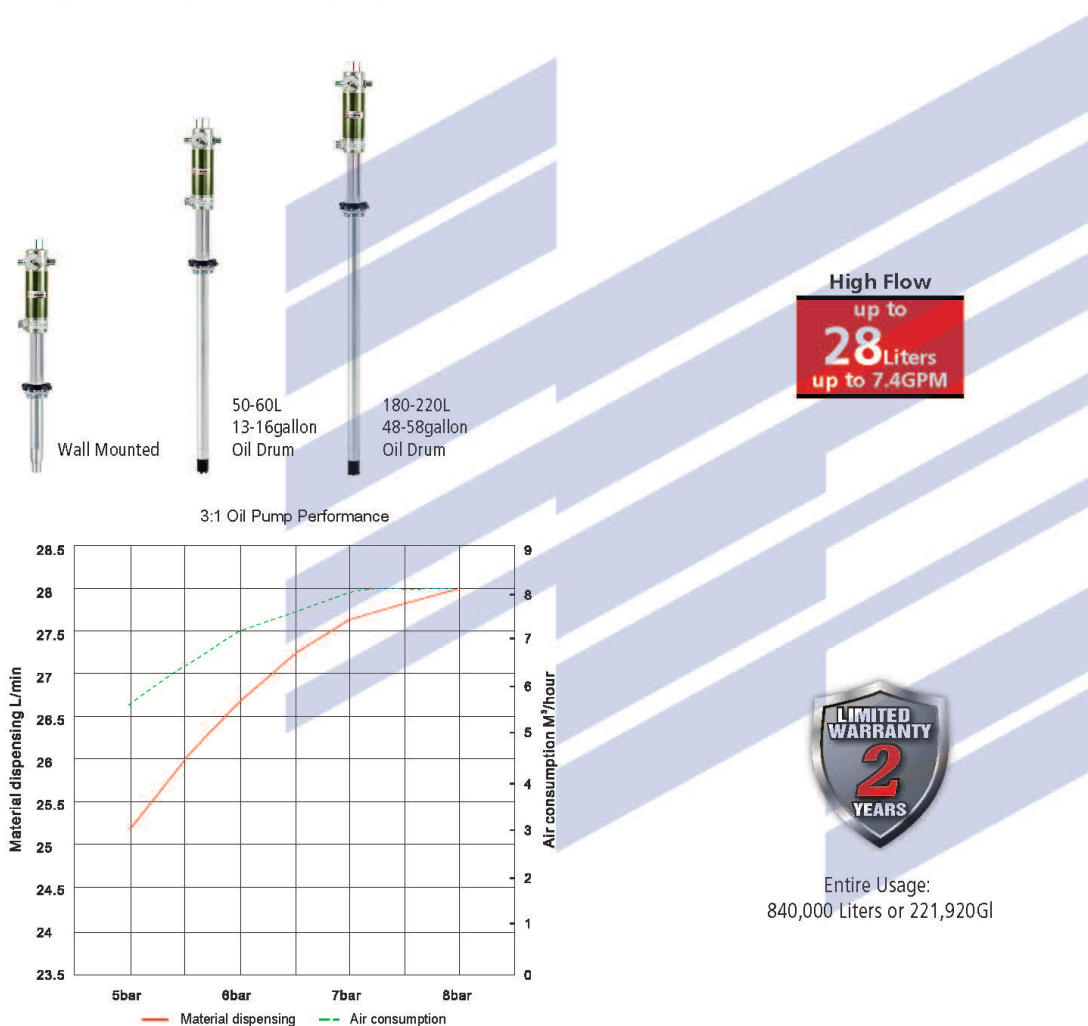


Item No.	PU117.02	PU117.01	PU117.03	PU117.04	PU117.05	PU117.06
Ref. No.	1701004	1701005	1701006	1701004	1701005	1701006
Drum Application	Wall mounted	50-60L	180-220L	Wall mounted	13-16gallon	48-58gallon
Pressure Ratio	1:1			1:1		
Air Inlet Pressure	5-8bar			70-115psi		
Max. Fluid Pressure	8bar			115psi		
Air Motor Effective Diameter	63mm			2.5"		
Air Consumption (Per Minute)	130L @8bar			4.7CFM @115psi		
Max.free Flow Rate (Per Minute)	32L			8.5gallon		
Suction Tube Diameter	42mm			1-5/8"		
Suction Tube Length	270mm	730mm	940mm	10-5/8"	28-3/4"	37"
Air Inlet Connection	1/4" quick plug			1/4" quick plug		
Oil Outlet Connection	3/4" M			3/4" M		
Weight	5kgs	5.5kgs	6kgs	11lbs	12lbs	13lbs
Packaging Dimension	13x13x81cm	13x13x128cm	13x13x147cm	5.1"x5.1"x31.9"	5.1"x5.1"x50.4"	5.1"x5.1"x57.9"

Test media: SAE30 oil, +20°C, 2M hose length free outlet

3:1 | HIGH FLOW RATE TRANSFER PUMP

- Air Operated for integration into dispensing system.
- Long pumping life, easy to operate and maintain.
- Typical fluids handled include motor oil, synthetic oil hydraulic oil, gear oil and automatic transmission fluid.
- Flow rate up to 28L/m for oil of medium and high viscosity at short and medium distance.
- Supplied with adjustable 2" bung adapter.

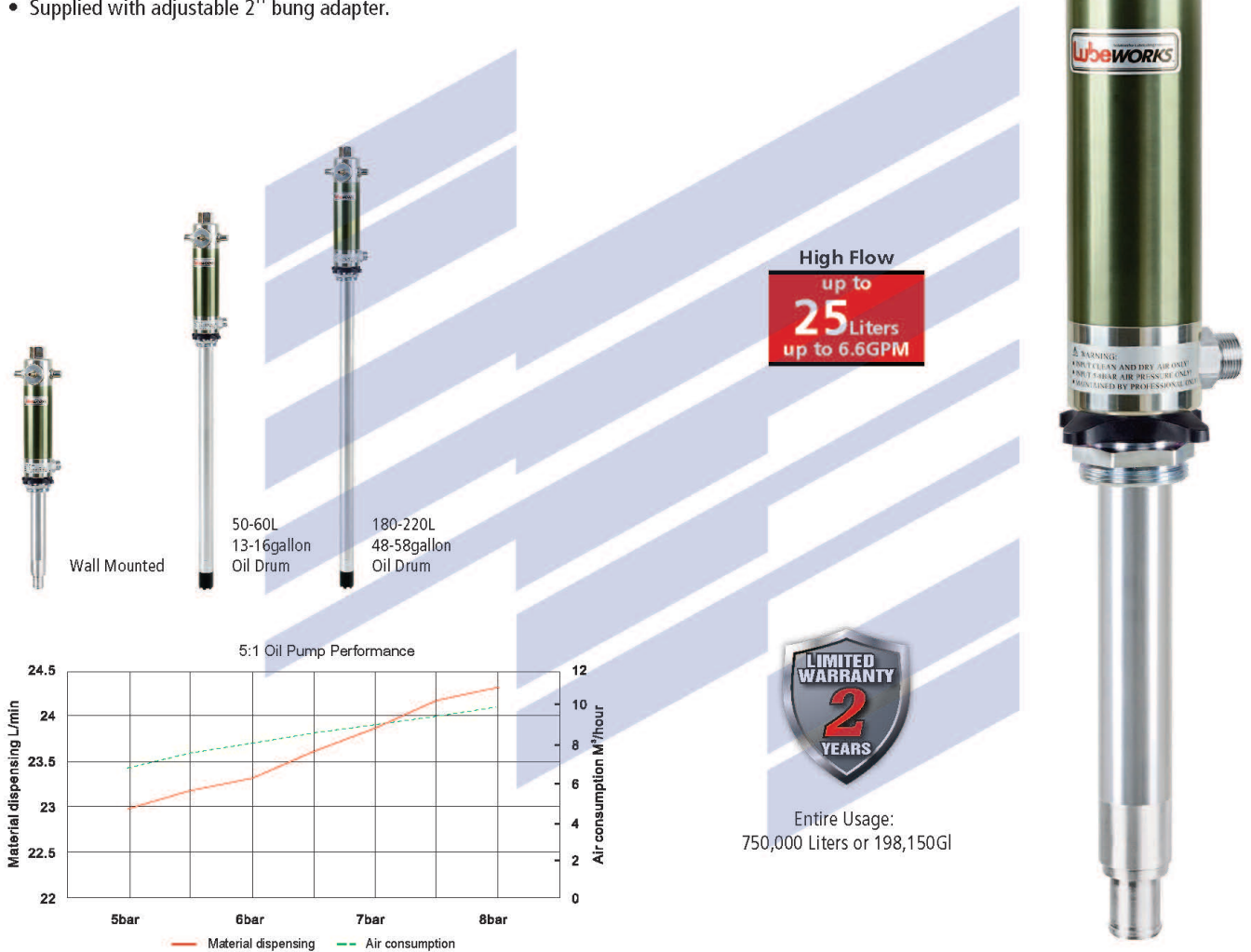


Item No.	PU118.01	PU118.02	PU118.03	PU118.04	PU118.05	PU118.06
Ref. No.	1701034	1701035	1701036	1701034	1701035	1701036
Drum Application	Wall mounted	50-60L	180-220L	Wall mounted	13-16gallon	48-58gallon
pressure Ratio	3:1			3:1		
Mir Inlet Pressure	5-8bar			70-115psi		
Max. Fluid Pressure	24bar			350psi		
Air Motor Effective Diameter	63mm			2.5"		
Air Consumption (Per Minute)	140L @8bar			5.0CFM @115psi		
Max.free Flow Rate (Per Minute)	28L			7.4gallon		
Suction Tube Diameter	42mm			1-5/8"		
Suction Tube Length	270mm	730mm	940mm	10-5/8"	28-3/4"	37"
Air Inlet Connection	1/4" quick plug			1/4" NPT Female		
Oil Outlet Connection	3/4" M			3/4" M		
Weight	5kgs	5.5 kgs	6kgs	11lbs	12lbs	13lbs
Packaging Dimension	13x13x84cm	13x13x128cm	13x13x147cm	5.1"x5.1"x33"	5.1"x5.1"x50.4"	5.1"x5.1"x57.9"

Test media: SAE30 oil, +20°C, 2M hose length free outlet

5:1 | HIGH FLOW RATE TRANSFER PUMP

- Air Operated for integration into dispensing system.
- Long pumping life, easy to operate and maintain.
- Typical fluids handled include motor oil, synthetic oil hydraulic oil, gear oil and automatic transmission fluid.
- Flow rate up to 25L/m for oil of medium and high viscosity at medium and long distance.
- Supplied with adjustable 2" bung adapter.

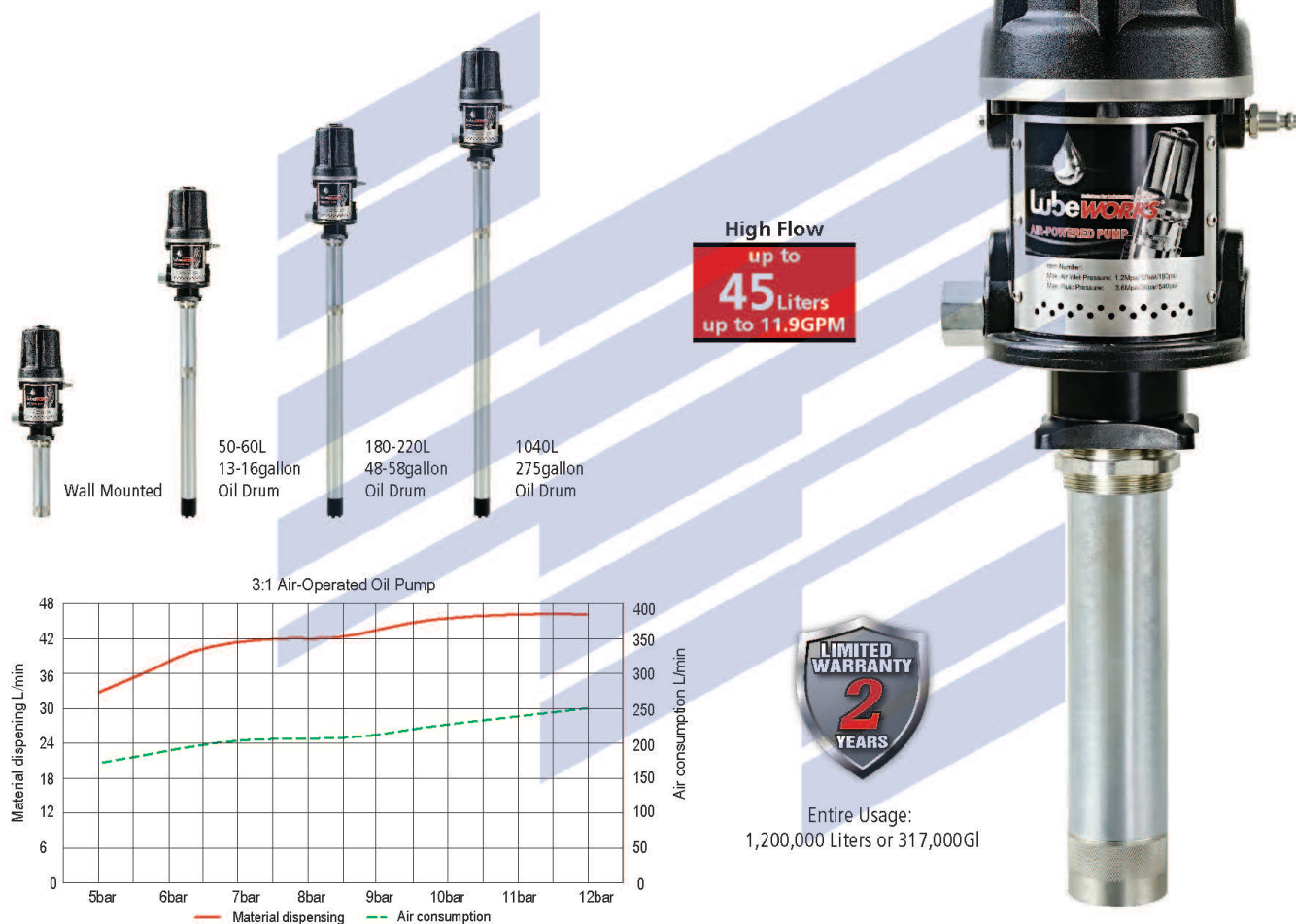


Item No.	PU119.01	PU119.02	PU119.03	PU119.04	PU119.05	PU119.06
Ref. No.	1701054	1701055	1701056	1701054	1701055	1701056
Drum Application	Wall mounted	50-60L	180-220L	Wall mounted	13-16gallon	48-58gallon
Pressure Ratio	5:1			5:1		
Air Inlet Pressure	5-8bar			70-115psi		
Max. Fluid Pressure	40bar			580psi		
Air Motor Effective Diameter	63mm			2.5"		
Air Consumption (Per Minute)	180L @8bar			6.5CFM @115psi		
Max.free Flow Rate (Per Minute)	25L			6.6gallon		
Suction Tube Diameter	42mm			1-5/8"		
Suction Tube Length	270mm	730mm	940mm	10-5/8"	28-3/4"	37"
Air Inlet Connection	1/4" quick plug			1/4" NPT Female		
Oil Outlet Connection	3/4" M			3/4" M		
Weight	5kgs	5.5kgs	6kgs	11lbs	12lbs	13lbs
Packaging Dimension	13x13x73cm	13x13x117cm	13x13x137cm	5.1"x5.1"x28.7"	5.1"x5.1"x46.1"	5.1"x5.1"x53.9"

Test media: SAE30 oil, +20°C, 2M hose length free outlet

3:1 | HEAVY DUTY AIR-OPERATED OIL PUMP

- The 3:1 is perfect for fluid oil transfer in high volume and longer distance applications such as truck shop service fleet facilities and in-plant applications.
- Corrosion-resistant design utilizes liquid salt nitriding, nickel plating, stainless steel, aluminum and chrome on key components for longer life.
- Few moving parts in the air motor assembly means less downtime and low repair cost.
- Large air porting design provides efficient use of compressed air supply for continuous pump operation without icing.

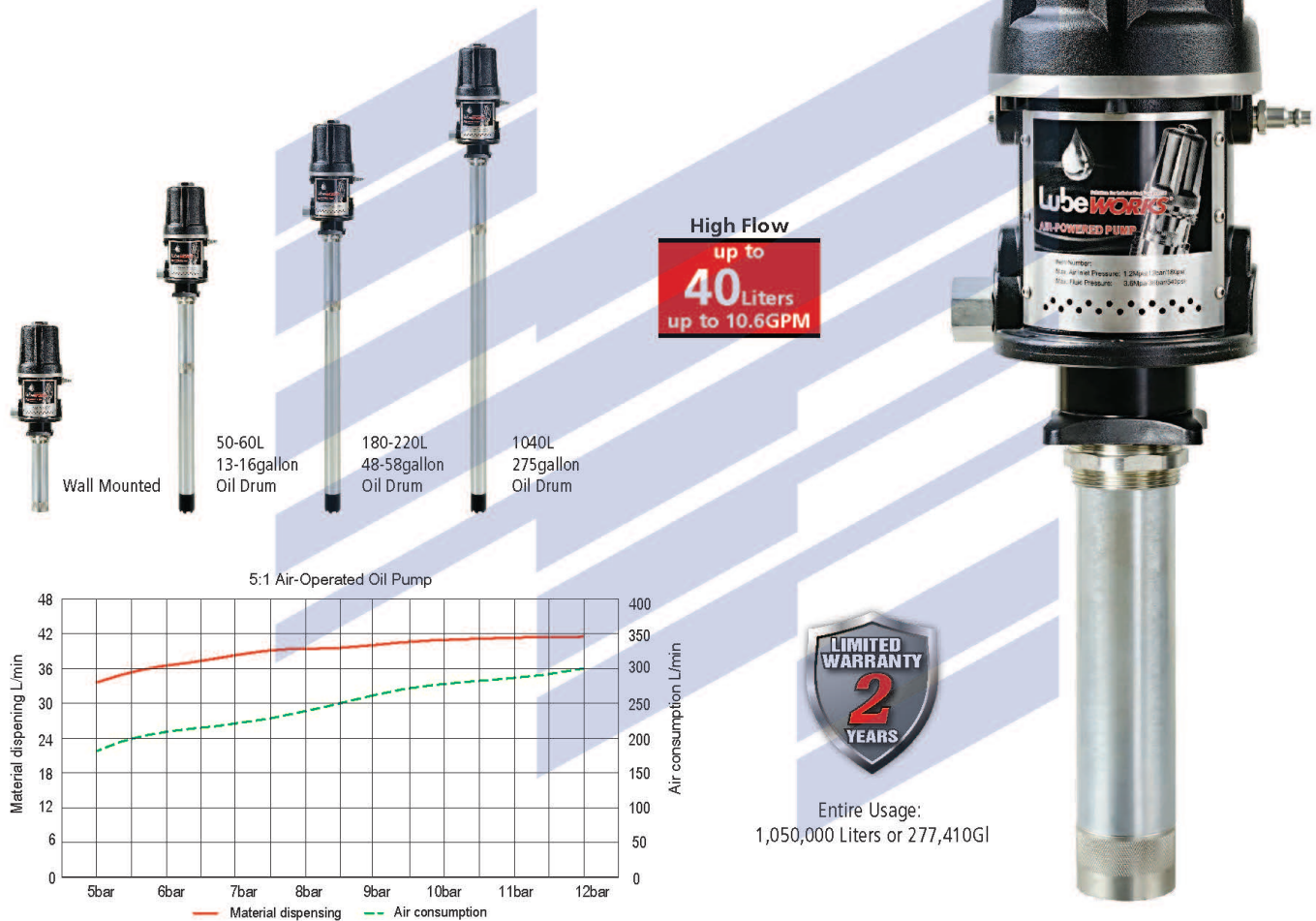


Item No.	Carbon Steel Stainless Steel	PU121.02 PU121.03	PU121.06 PU121.07	PU121.10 PU121.11	PU121.14 PU121.01	PU121.04 PU121.05	PU121.08 PU121.09	PU121.12 PU121.13	PU121.15 PU121.16
Ref No.		17130301	17130331	17130361	17130371	17130303	17130333	17130363	17130373
Drum Application		Pail	50-60L	180-220L	1040L	Pail	13-16gallon	48-58gallon	275gallon
Pressure Ratio		3:1				3:1			
Air Inlet Pressure		3-12bar				43-175psi			
Max. Fluid Pressure		36bar				520psi			
Air Motor Effective Diameter		76mm				3"			
Air Consumption (Per Minute)		215L @8bar				7.6CFM @115psi			
Max.free Flow Rate (Per Minute)		45L				11.9gallon			
Suction Tube Diameter		54mm				2-1/8"			
Suction Tube Length		270mm	730mm	940mm	1190mm	10-5/8"	28-3/4"	37"	46-3/4"
Air Inlet Connection		1/4" quick plug				1/4" NPT Female			
Oil Outlet Connection		3/4" F				3/4" F			
Accessory		3/4" M - 1/2" F reducer				3/4" M - 1/2" F reducer			
Weight		7.8kgs	9.7kgs	10.5kg	11.5kgs	17lbs	21lbs	23lbs	25.3lbs
Packaging Dimension		72x25x20cm	118x25x20cm	139x25x20cm	165x25x20cm	28.3"x9.8"x7.9"	46.5"x9.8"x7.9"	54.7"x9.8"x7.9"	65"x9.8"x7.9"

Test media: SAE30 oil, +20°C, 2M hose length free outlet.

5:1 | HEAVY DUTY AIR-OPERATED OIL PUMP

- The 5:1 is perfect for fluid oil transfer in high volume and longer distance applications such as truck shop service fleet facilities and in-plant applications.
- Corrosion-resistant design utilizes liquid salt nitriding, nickel plating, stainless steel, aluminum and chrome on key components for longer life.
- Few moving parts in the air motor assembly means less downtime and low repair cost.
- Large air porting design provides efficient use of compressed air supply for continuous pump operation without icing.



Item No.	Carbon Steel	PU122.02	PU122.06	PU122.10	PU122.15	PU122.03	PU122.07	PU122.11	PU122.16
	Stainless Steel	PU122.05	PU122.08	PU122.12	PU122.01	PU122.04	PU122.09	PU122.13	PU122.14
Ref. No.		17130501	17130531	17130561	17130571	17130503	17130533	17130563	17130573
Drum Application		Pail	50-60L	180-220L	1040L	Pail	13-16gallon	48-58gallon	275gallon
Pressure Ratio		5:1				5:1			
Air Inlet Pressure		3-12bar				43-175psi			
Max. Fluid Pressure		60bar				870psi			
Air Motor Effective Diameter		76mm				3"			
Air Consumption (Per Minute)		245L @8bar				8.6CFM @115psi			
Max.free Flow Rate (Per Minute)		40L				10.6gallon			
Suction Tube Diameter		54mm				2-1/8"			
Suction Tube Length		270mm	730mm	940mm	1190mm	10-5/8"	28-3/4"	37"	46-3/4"
Air Inlet Connection		1/4" quick plug				1/4" NPT Female			
Oil Outlet Connection		3/4"F				3/4"F			
Accessory		3/4"M - 1/2"F reducer				3/4"M - 1/2"F reducer			
Weight		7.8kgs	9.7kgs	10.5kgs	11.5kgs	17lbs	21lbs	23lbs	25.3lbs
Packaging Dimension		72x25x20cm	118x25x20cm	139x25x20cm	165x25x20cm	28.3"x9.8"x7.9"	46.5"x9.8"x7.9"	54.7"x9.8"x7.9"	65"x9.8"x7.9"

Test media: SAE30 oil , +20°C, 2M hose length free outlet.

3:1 | MOBILE OIL DISPENSING KIT

- Suitable for dispensing oil at medium/high viscosity for mobile installations and fixed system at medium distance.
- Multi-drum trolley ensures high mobility and high efficiency.
- More sophisticated solution system is available on your request.
- Mainly composed of pump, trolley, meter & connection hose.
- Supplied with adjustable 2" bung adapter.



50-60L
13-16gallon
1700222



180-220L
48-58gallon
1700233



180-220L
48-58gallon
1700232

Item No.	1700222	1700232	1700233	1700222	1700232	1700233
Drum Application	50-60L	180-220L	180-220L	13-16gallon	48-58gallon	48-58gallon
3:1 Ratio Pump	1701032	1701033	1701033	1701032	1701033	1701033
Digital Control Valve	18123521/18123522	18123521/18123522	18123521/18123522	18123521/18123522	18123521/18123522	18123521/18123522
1/2" Connection Hose	1763413	1763413	19124050	1763413	1763413	19124050
Drum Trolley	LRP110.01	LRP115.01	LRP120.01	LRP110.01	LRP115.01	LRP120.01
1/2" * 50'/15m Oil Hose Reel	***	***	M860154	***	***	M860154
Weight	20kgs	30.5kgs	74.5kgs	44lbs	67lbs	164lbs
Packaging Dimension	64x14.5x111cm	29x14.5x131cm	51.5x26.5x53cm	25.2"x5.7"x43.7"	11.4"x5.7"x51.6	20.3"x10.4"x20.9"
		81.5x10.5x69cm	29x14.5x131cm		32.1"x4.1"x27.2"	11.4"x5.7"x51.6"
			98x15x68cm			38.6"x5.9"x26.8

Note: standard control valve equipped is 18123521/18123522, other models are upon request.

5:1 | MOBILE OIL DISPENSING KIT

- Suitable for dispensing oil at medium/high viscosity for mobile installations and fixed system at long distance.
- Multi-drum trolley ensures high mobility and high efficiency.
- More sophisticated solution system is available on your request.
- Mainly composed of pump, trolley, meter & connection hose.
- Supplied with adjustable 2" bung adapter.



50-60L
13-16gallon
1700322



180-220L
48-58gallon
1700332



180-220L
48-58gallon
1700333

Item No.	XXXXXX.XX	XXXXXX.XX	XXXXXX.XX	XXXXXX.XX	XXXXXX.XX	XXXXXX.XX
Ref. No.	1700322	1700332	1700333	1700322	1700332	1700333
Drum Application	50-60L	180-220L	180-220L	13-16gallon	48-58gallon	48-58gallon
5:1 Ratio Pump	1701052	1701053	1701053	1701052	1701053	1701053
Digital Control Valve	18123521/18123522	18123521/18123522	18123521/18123522	18123521/18123522	18123521/18123522	18123521/18123522
1 1/2" Connection Hose	1763413	1763413	19124050	1763413	1763413	19124050
Drum Trolley	TH110.01	TH115.01	TH120.01	TH110.01	TH115.01	TH120.01
1 1/2" * 50'/15m Oil Hose Reel	***	***	M860154	***	***	M860154
Weight	20kgs	30.5kgs	74.5kgs	44lbs	67lbs	164lbs
Packaging Dimension	64x14.5x111cm	29x14.5x131cm 81.5x10.5x69cm	51.5x26.5x53cm 29x14.5x131cm 98x15x68cm	25.2"x5.7"x43.7"	11.4"x5.7"x51.6 32.1"x4.1"x27.2"	20.3"x10.4"x20.9" 11.4"x5.7"x51.6" 38.6"x5.9"x26.8

Note: standard control valve equipped is 18123521/18123522, other models are upon request.

3:1&5:1 | OIL PUMP DISPENSING UNIT

- Practical and functional combination for dispensing.
- Ideal for garage, farming and industry work areas.
- Wheel-mounted tank ensures high mobility and high efficiency.
- Mainly composed of 65-liter tank, pump, connection hose and oil control valve.

Item No.	XXXXXX.XX	XXXXXX.XX	XXXXXX.XX	XXXXXX.XX
Ref. No.	POP0653	POP0655	POP0653	POP0655
Tank Capacity	65L		17gallon	
Length Delivery Hose	1/2"*4 m		1/2"*4 m	
Pump Delivery	1701032	1701052	1701032	1701052
Compression Ratio	3:1	5:1	3:1	5:1
Oil Density	SAE130	SA240	SAE130	SAE240
Digital Oil Control Valve Delivery	18123521/18123522		18123521/18123522	
Max. Working Pressure	8bar		8bar	
Max. Free Flow Rate (Min)	12L	14L	12L	14L
Max. Air Consumption (Min)	@8bar 110 L		@115psi / 3.9 CFM	
Air Inlet Connection	1/4" quick plug		1/4" NPT Female	
Weight	31kgs		67lbs	
Packaging Dimension	70x40x44cm 30x15x120cm		27.6"x15.7"x17.3" 11.8"x5.9"x47.2"	



Oil Dispenser is equipped with Anti-splash funnel

35L/10GAL.& 55L/14.5GAL. | DIGITAL OIL PRESET METER

- Powered by 4 AA batteries, and the replacement is more convenient.
The working time are 2-4 times longer than the normal digital control valve.
- Display screen 25% larger than normal one; Backlight design for easy viewing.
- With the function of view the historical data of the previous five dispensing.
- The newly design memory function, make the quick & equivalent filling possible.
- Maximum single dispense 999.99,
Maximum preset dispense 999.



Easy Read-Out Digital Display
(Dispense in Gallon/Pint/Quart/Liter)



Item No.	LN120.02	LN120.03	LN120.04	LN120.01	LN120.08	LN120.09	LN120.05	LN120.06	LN120.07	LN120.11	LN120.10	LN120.12
Ref. No.	FN120.02	FN120.03	FN120.04	FN120.01	FN120.08	FN120.09	FN120.05	FN120.06	FN120.07	FN120.11	FN120.10	FN120.12
Inlet Connection	1/2" BSP Female			3/4" BSP Female			1/2" NPT Female			3/4" NPT Female		
Fluid Range	1-35L/min			1-55L/min			0.3-9.2GPM			0.3-14.5GPM		
Precision	±0.5%			±0.5%			±0.5%			±0.5%		
Pressure Range	0.5-70Bar	0.8-70Bar	0.8-70Bar	5-70Bar	0.5-70Bar	5-70Bar	7-1000Psi	12-1000Psi	12-1000Psi	72.5-1000Psi	7-1000Psi	72.5-1000Psi
Temperature	-20°C~70°C			-20°C~70°C			-4°F~158°F			-4°F~158°F		
Viscosity	0-2000mPas			0-2000mPas			0-2000mPas			0-2000mPas		
Spout	Rigid, manual tip	Rigid, Auto tip	Flexible, Auto tip	Rigid, Auto tip	Rigid without tip	Flexible, Auto tip	Rigid, manual tip	Rigid, Auto tip	Flexible, Auto tip	Rigid, Auto tip	Rigid without tip	Flexible, Auto tip
Power Source	4x1.5(AA)			4x1.5(AA)			4x1.5(AA)			4x1.5(AA)		
Weight	1.5kgs			1.5kgs			3.3lbs			3.3lbs		
Packaging Dimension	32x19x13cm			32x19x13cm			12.6"x7.5"x5.1"			12.6"x7.5"x5.1"		

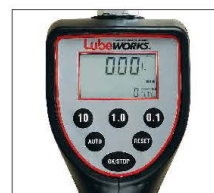
* Not for commercial use.

35L/10GAL. | DIGITAL OIL PRESET METER

- The item is unique and indispensable tool for industry operators.
- With the pre-selected function, the nozzle automatically closes the valve and stops dispensing.
- The external structure consists of an ergonomic plastic shell with shockproof rubber and the trigger protection prevents accidental operation.

Item No.	LN105.01	LN105.02	LN105.06	LN105.04
Ref. No.	18133511	18133512	18133513	18133514
Inlet Connection	1/2" BSP Female		1/2" NPT Female	
Fluid Range	1-35L/min		0.3-9.2GPM	
Pressure Range	0-70bar		5-70bar	0-1000psi
Temperature	-10°C~60°C		14°F~140°F	
Precision	±0.5%		±0.5%	
Viscosity	8-5000mPas		8-5000mPas	
Spout	Rigid, Manual tip	Flexible, Auto tip	Rigid, Manual tip	Flexible, Auto tip
Power Source	Alkaline Cell 9V		Alkaline Cell 9V	
Weight	1.5kgs		3.3lbs	
Packaging Dimension	35x13.5x16cm		13.8"x5.3"x6.3"	

* Not for commercial use.



Easy Read-Out Digital Display



- Indication of operation in AUTO mode.
- Totals
- Indication of the Total type (TOTAL / Resettable TOTAL)
- Indication of the Unit of Measurement.
- Batch total

Patent No.: 201320075053.0

35L/10GAL. | DIGITAL OIL CONTROL VALVE

- Rubber protection to absorb shock prolonged lifetime in workshops.
- Dispenses in liter, gallon, pint and quart.
- 5-digit easy to read LCD display powered.
- Low battery indicator is equipped.
- Made of aircraft aluminum to ensure the strength and quality.
- Free selection of rigid spout and flex spout.
- Waterproof and oil-proof design.
- Nozzle is more easy to start and saving efforts.

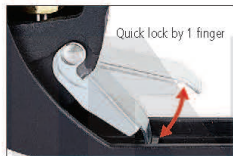


Item No.	FN102.02	FN102.01	XXXXXX.XX	XXXXXX.XX	FN102.04	FN102.03	XXXXXX.XX	XXXXXX.XX
Ref. No.	18113541	18113543	18123521	18123523	18113542	18113544	18123522	18123524
Inlet Connection	1/2" BSP Female				1/2" NPT Female			
Fluid Range	1-35L/min				0.3-9.25gpm			
Pressure Range	5-100bar	0-100bar	5-100bar	0-100bar	72.5-1500psi	0-1500psi	72.5-1500psi	0-1500psi
Temperature	Max. 60°C				Max. 140°F			
Viscosity	8-5000mPas				8-5000mPas			
Digital Meter Precision	*** ±0.5%				*** ±0.5%			
Power Source	*** 1*3.6V ER14250 battery				*** 1*3.6V ER14250 battery			
Spout	Flexible, Auto tip	Rigid, manual tip	Flexible, Auto tip	Rigid, manual tip	Flexible, Auto tip	Rigid, manual tip	Flexible, Auto tip	Rigid, manual tip
Weight	1kg	0.8kgs	1.4kgs	1.2kgs	2.2lbs	1.8lbs	3lbs	2.6lbs
Packaging Dimension	30.5x20.5x5.5cm	30.5x20.5x5.5cm	33x16x14.1cm	33x16x14.1cm	12"x8"x2.1"	12"x8"x2.1"	13"x6.3"x5.5"	13"x6.3"x5.5"

* Not for commercial use.

35L/10GAL. | DIGITAL OIL CONTROL VALVE

- Compact light weight, zero back-pressure, new designed control valve.
- Rubber protection to absorb shock prolonged lifetime in workshops.
- Dispenses in liter, gallon, pint and quart.
- 5-digit easy to read LCD display powered.
- Low battery indicator is equipped.
- Made of aircraft aluminum to ensure the strength and quality.
- Free selection of rigid spout and flex spout.
- Waterproof and oil-proof design.



Item No.	LN104.01	LN104.02	LN104.07	LN104.08	LN104.03	LN104.04	LN104.09	LN104.10
Ref. No.	18063526	18063536	18163526	18163536	18063521	18063531	18163521	18163531
Inlet Connection	1/2" BSP Female				1/2" NPT Female			
Fluid Range	1-35L/min				0.3-9.25gpm			
Pressure Range	0-100bar	5-50bar	0-50bar	5-50bar	0-1450psi	70-725psi	0-1450psi	70-725psi
Temperature	Max. 60°C				Max. 140°F			
Viscosity	8-5000mPas				8-5000mPas			
Digital Meter Precision	*** ±0.5%				*** ±0.5%			
Power Source	*** 1x3V CR2 battery				*** 1x3V CR2 battery			
Spout	Rigid, manual tip	Flexible, Auto tip	Rigid, manual tip	Flexible, Auto tip	Rigid, manual tip	Flexible, Auto tip	Rigid, manual tip	Flexible, Auto tip
Weight	0.7kgs	0.9kgs	1.1kgs	1.3kgs	1.54lbs	1.98lbs	2.42lbs	2.86lbs
Packaging Dimension	31x20x5.5cm				12.2"x7.8"x2.1"			

* Not for commercial use.

OIL BAR

- Ideal system for fast dispensing of oil lubricants.
- Removable basin for collect fluid drops.
- Width x Height x Depth: 21 "x 25 "x16 ".

Item No.	Ref. No.	Oil Inlet	Package	Tap	Oil Meter
XXXXXX.XX	18712201	1/2 "BSP	533.4x533.4x177.8mm	2pcs	2pcs
XXXXXX.XX	18713301	1/2 "BSP	533.4x533.4x177.8mm	3pcs	3pcs
XXXXXX.XX	18712001	1/2 "BSP	533.4x533.4x177.8mm	2pcs	**
XXXXXX.XX	18713001	1/2 "BSP	533.4x533.4x177.8mm	3pcs	**
XXXXXX.XX	18711101	1/2 "BSP	533.4x533.4x177.8mm	1pc	1pc
XXXXXX.XX	18711001	1/2 "BSP	533.4x533.4x177.8mm	1pc	**
XXXXXX.XX	18712202	1/2 "NPT	21 "x21 "x7 "	2pcs	2pcs
XXXXXX.XX	18713302	1/2 "NPT	21 "x21 "x7 "	3pcs	3pcs
XXXXXX.XX	18712002	1/2 "NPT	21 "x21 "x7 "	2pcs	**
XXXXXX.XX	18713002	1/2 "NPT	21 "x21 "x7 "	3pcs	**
XXXXXX.XX	18711102	1/2 "NPT	21 "x21 "x7 "	1pc	1pc
XXXXXX.XX	18711002	1/2 "NPT	21 "x21 "x7 "	1pc	**



1871220

OIL DISPENSING TAP

- Be equipped in oil dispensing bar or directly in the oil pump.
- Get oil by just easy move the handle.
- Item No.:1894001X.



18940011
18940013

Item No.	18940011	18940013
Oil Inlet	1/2 "BSP	1/2 "NPS
Over Size	175.5x60x165mm	6.9"x2.4"x6.5"
Weight	1.18kgs	2.60lbs

OIL TRANSFER KIT

Oil transfer kit consisting of:

- Oil dispenser tap.
- Drain tube.
- Connection elbow.
- Item No.: 1894013X.



18940131
18940132

Item No.	18940131	18940132
Inlet	1/2 "BSP	1/2 "NPS
Over Size	415x262.5x105mm	16-3/8"x10-3/8"x4-1/8"

OIL TRANSFER KIT (WITH METER)

Oil transfer kit consisting of:

- Oil dispenser tap.
- Drain tube.
- Oil digital meter.
- Connection elbow.
- Item No.: 1894012X.



18940121
18940122

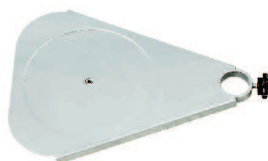


Oil Pump, Oil Can & Drip Tray are not included.

Item No.	18940121	18940122
Inlet	1/2 "BSP	1/2 "NPS
Over Size	415x262.5x105mm	16-3/8"x10-3/8"x4-1/8"

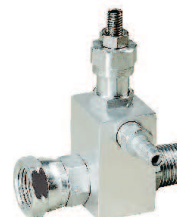
DRIP TRAY

- Drip tube is optional.
- Tube diameter: ϕ 1-5/8 " /43mm.
Item No.:18980011
- Tube diameter: ϕ 2-1/8 " /54mm.
Item No.:18980012



PRESSURE RELEASE VALVE

- Adjust range: 5-50BAR
Item No.: 19572501 (1/2 "BSP)
Item No.: 19572502 (1/2 "NPT)
Item No.: 19572511 (3/4 "BSP)
Item No.: 19572512 (3/4 "NPT)



ACCESSORIES

For 35L / 10Gallon Oil Control Valve



CR2 (3.0V)
Battery for 1816352/1816353



ER14250 (3.6V)
Battery for 18123521/18123522/18123523/18123524

OIL HOSE

- 1/2" Oil Hose: SAE 100 R1, working pressure 160bar / 2320psi.
- 3/4" Oil Hose: SAE 100 R1, working pressure 105bar / 1520psi.



17634501
(Male & Male)



1763450
(Male & Female)



1763550
(Female & Female)



19124050
Female & Female
(Elbow fitting)

Item No.	I.D.	Item No.	I.D.	Length	Fitting Type
17634501	1/2"	17636500	3/4"	15 m / 50'	Male & Male
17634391	1/2"	17636390	3/4"	12 m / 39'	Male & Male
17634261	1/2"	17636260	3/4"	8 m / 26'	Male & Male
17634131	1/2"	17636130	3/4"	4 m / 13'	Male & Male
17634071	1/2"	17636070	3/4"	2 m / 7'	Male & Male
17634051	1/2"	17636050	3/4"	1.5 m / 5'	Male & Male
1763450	1/2"	17636501	3/4"	15 m / 50'	Male & Female
1763439	1/2"	17636391	3/4"	12 m / 39'	Male & Female
1763426	1/2"	17636261	3/4"	8 m / 26'	Male & Female
1763413	1/2"	17636131	3/4"	4 m / 13'	Male & Female
1763407	1/2"	17636071	3/4"	2 m / 7'	Male & Female
1763405	1/2"	17636051	3/4"	1.5 m / 5'	Male & Female
1763550	1/2"	17636502	3/4"	15 m / 50'	Female & Female
1763539	1/2"	17636392	3/4"	12 m / 39'	Female & Female
1763526	1/2"	17636262	3/4"	8 m / 26'	Female & Female
1763513	1/2"	17636132	3/4"	4 m / 13'	Female & Female
1763507	1/2"	17636072	3/4"	2 m / 7'	Female & Female
1763505	1/2"	17636052	3/4"	1.5 m / 5'	Female & Female
19124050	1/2"			1.5 m / 5'	Female & Female (Elbow fitting)

DRUM TROLLEY



20-60L/5.3-16gallon
TH110.01



220L/58gallon
TH125.01



180-220L/48-58gallon
TH115.01



180-220L/48-58gallon
TH120.01

Item No.	LRP110.01	LRP115.01	LRP120.01	LRP125.01
Ref. No.	1708001	1708002	1708003	19222003A
Drums Capacity	20-60L/5.3-16gallon 20-60kgs/44-132lbs	180-220L/48-58gallon 180-220kgs/400-484lbs	180-220L/48-58gallon 180-220kgs/400-484lbs	220L/58gallon 220kgs/484lbs
Drums Diameter	385mm/15.16"	600mm/24"	600mm/24"	600mm/24"
Trolley Size (WxD)	395x420mm/15.5"x16.5"	620x620mm/24.4"x24.4"	620x660mm/24.4"x26"	640x550mm/25.2"x21.6"
Weight	11kgs/24.2lbs	17kgs/37.4lbs	29kgs/63.8lbs	21.5kgs/47.3lbs
Packaging Dimension	44x11x50cm/17.3"x4.3"x20"	81.5x10.5x69cm/32"x4.1"x27.1"	98x15x68cm/38.6"x5.9"x6.8"	81x72x40cm/32"x28.3"x15.7"

65L/90L | AIR OPERATED WASTE OIL DRAINER

- Suitable devices to drain, by gravity, waste oil from engines, gear boxes and differentials of all vehicles.
- Air operated oil drainer with center mounted adjustable collecting bowl.
- Adjustable collecting bowl height to work with jack lift or servicing cock.
- Be equipped with a valve for collecting bowl to inspect drained oil before it enters the reservoir.
- Can be equipped with a special support to allow filters to drain.

WARNINN: Do not use with corrosive or inflammable products.

Tray to Hold Tools



OD120.01 (Quick plug)
OD120.10 (NPT female)



OD135.01 (Quick plug)
OD135.11 (NPT female)

Item No.	OD120.01	OD135.01	OD120.10	OD135.11
Ref. No.	16206507	16209011	16206508	16209012
Tank Capacity	65L	90L	17gallon	24gallon
Collection Bowl Capacity	18L		4.8gallon	
Collection Bowl Diameter	400mm		16"	
Maximum Height	1700mm	1830mm	67"	72"
Minimum Height	1200mm	1350mm	47.2"	53.1"
Draining Hose Length	2000mm		78.7"	
Max. Draining Pressure	1bar		14.5psi	
Air Inlet Connection	1/4" quick plug		1/4" NPT Female	
Extension Funnel Diameter	606mm		23.8"	
Weight	32kgs	37kgs	70.5lbs	81.5lbs
Packaging Dimension	46x42x90cm	48x44x105cm	18.1"x16.5"x35.4"	18.9"x17.3"x41.3"

LOW LEVEL OIL DRAINER

- Equipment suitable for collecting oil from engine, gear boxes and differentials of all vehicles.
(All kinds of liquids in all vehicles except acidic, alkaline and corrosive liquids.)



TFD003
16211091



TFD002
16211063



TFD006
16207060

Item No.	TFD003	TFD002	TFD006
Ref. No.	16211091	16211063	16207060
Capacity	110L/24gallon	110L/24gallon	70L/15gallon
Height	245mm/9.64"	205mm/8.07"	85mm/3.35"
LengthxWidth	800x700mm/31.5"x27.5"	1000x700mm/39.4"x27.5"	1250x825mm/49.2"x32.5"
Handle Length	Range of Slid Rod: 90~131.5cm/3.5"x5.2"	870mm/34-1/4"	1080mm/42-1/2"
Weight	40kgs/88lbs	41.5kgs/91.3lbs	40kgs/88lbs
Packaging Dimension	88x86x31cm/34.6"x34.6"x12.2"	126x88x23cm/49.6"x34.6"x9.1"	156x101x10cm/61.4"x39.7"x3.9"

LOW LEVEL OIL DRAINER

- Equipment suitable for collecting oil from engine, gear boxes and differentials of all vehicles.
(All kinds of liquids in all vehicles except acidic, alkaline and corrosive liquids.)



16206561 (BSP)
16206562 (NPT)



TH103.01
16206590



TH104.01 TH104.02
TH104.03 TH104.04
1710001 1710002



TH102.01
16206560

Item No.	XXXXXX.XX	TH103.01	TH102.01	TH104.01	TH104.02	XXXXXX.XX	TH104.03	TH104.04
Ref. No.	16206561	16206590	16206560	1710001	1710002	16206562	1710001	1710002
Capacity	65L	65L	65L	37L	68L	17gallon	10gallon	18gallon
Connection	1/2" BSP	1" BSP	3/4" BSP	1/2" BSP	1/2" BSP	1/2" NPT	1/2" NPT	1/2" NPT
Height	270mm	270mm	270mm	200mm	200mm	11"	8"	8"
Length x Width	800x700mm	800x700 mm	800x700mm	835x570mm	1200x645mm	31.5"x27.55"	32.87"x22.44	47.24"x25.39"
Handle Length	850mm	**	850mm	860mm	860mm	33.5"	34"	34"
Weight	29kgs	24kgs	24kgs	15kgs	22kgs	63.8lbs	33lbs	48.5lbs
Packaging Dimension	84.5x78.5x29.5cm	70x70x30cm	84.5x78.5x29.5cm	89x53x22cm	118.5x66x19.5cm	33.2"x30.9"x11.6"	35"x21"x8.6"	46.7"x26"x7.7"

PRESSURE SPRAYER

- Pressure sprayer is equipped with level gauge and sprayer gun.
- Pressure sprayers is suitable for the non-toxic spraying of detergent liquids, low density lubrication oils and similar, for washing motors vehicles, grafting, lubricating, distributing mould release oils, etc.
- Filled with liquid to 3/4 of its capacity, 3bar working pressure work autonomously without requiring continuous connection to the compressed air line.



Oil Dispenser is equipped with Anti-splash funnel



DR602.02 (Quick Plug)
DR602.01 (NPT Female)



DR602.06 (Quick Plug)
DR602.03 (NPT Female)

Item No.	OD602.02	OD602.06	OD602.01	OD602.03
Ref. No.	16503001	16506501	16503002	16506502
Tank Capacity	30L	65L	8gallon	17gallon
Max. Working Pressure	3bar		43.5psi	
Flexible Hose Length	5000mm		197"	
Gun Length	690mm		27"	
Air Inlet Connection	1/4" quick plug		1/4" NPT Female	
Weight	17kgs	29kgs	37lbs	64lbs
Packaging Dimension	93.5x41x35cm	86x40x44cm	36.8"x16.1"x13.8"	33.9"x15.7"x17.3"

OIL DISPENSER

- Pneumatic oil dispenser is equipped with level gauge and delivery gun with flexible end. Suitable for filling or topping-up oil.
- Filled with oil (to 4/5 their capacity) and pressurized with air at 3bar, they work autonomously anywhere and do not require continuous connection to the compressed air line.



Oil Dispenser is equipped with Anti-splash funnel



DR603.03 (Quick Plug)
DR603.05 (NPT Female)



DR603.04 (Quick Plug)
DR603.06 (NPT Female)

Item No.	OD603.03	OD603.04	OD603.05	OD603.06
Ref. No.	16403001	16406501	16403002	16406502
Tank Capacity	30L	65L	8gallon	17gallon
Max. Working Pressure	3bar		43.5psi	
Flexible Hose Length	2000mm		79"	
Gun Length	478mm		18.7"	
Air Inlet Connection	1/4" quick plug		1/4" NPT Female	
Weight	17kgs	29kgs	37lbs	64lbs
Packaging Dimension	93.5x41x35cm	86x40x44cm	36.8"x16.1"x13.8"	33.9"x15.7"x17.3"

AIR REGULATOR

- Cost effective and clean looking, series AR regulators offer various pressure range settings to accommodate most applications.
- The locking adjustment knob prevents accidental setting changes.
- The modular design of the AR series connects with other SMC air preparation equipment.

Item No.	AR2000	BR2000	BR3000	BR4000
Name	Regulator			
Description	Pressure range:0.05-0.85mpa			
Inlet	1/4"	1/4"	3/8"	1/2"
Outlet	1/4"	1/4"	3/8"	1/2"



AR2000



BR2000-BR4000

FILTER/REGULATOR/LUBRICATOR COMBINATION

- Filter adopts novel vane design with high division efficiency and differential pressure discharge device. It can discharge water automatically.
- Regulator valve adopts balanced inlet structure with the advantages of stable pressure, high precision, and quick reaction.
- Lubricator is an element which can provide good lubrication for pneumatic system, with novel structure and easy adjustment of oil drip.

Two-point Combination

Item No.	AFC2000	BFC2000	BFC3000	BFC4000
Description	Pressure range:0.05-0.85mpa, with filter and lubricator			
Filter Precision	40μ	40μ	40μ	40μ
Inlet	1/4"	1/4"	3/8"	1/2"
Outlet	1/4"	1/4"	3/8"	1/2"



AFC2000



BFC2000-4000

Three-point Combination

Item No.	AC2000	BC2000	BC3000	BC4000
Description	Pressure range:0.05-0.85mpa, with filter and lubricator			
Filter Precision	40μ	40μ	40μ	40μ
Inlet	1/4"	1/4"	3/8"	1/2"
Outlet	1/4"	1/4"	3/8"	1/2"



AC2000



BC2000-4000

FILTER AND REGULATOR

- Filter adopts novel vane design with high division efficiency and differential pressure discharge device. It can discharge water automatically.
- Regulator valve adopts balanced inlet structure with the advantages of stable pressure, high precision, and quick reaction.

Item No.	AFR2000	BFR2000	BFR3000	BFR4000
Name	Filter and Regulator			
Description	Pressure range:0.05-0.85mpa			
Inlet	1/4"	1/4"	3/8"	1/2"
Outlet	1/4"	1/4"	3/8"	1/2"



AFR2000



BFR2000-4000