

HURRICANE®



W07-0002

Manual





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Thank you for choosing Hurricane. This product has been manufactured to high standards and, with correct use and regular maintenance, will deliver dependable performance for many years.

Explanation of symbols

In this operating manual, the following symbols are used:

	Indicates that the user must read and understand the instruction manual before using the equipment.		Suitable eye and hearing protection must be worn to protect against flying particles, arc radiation, and excessive noise.
	Protective clothing must be worn to protect skin from sparks, heat, and arc radiation.		Protective gloves must be worn to prevent burns, cuts, and electrical injury.

Safety instructions

Before using this Oil Drainer, read the operating instructions thoroughly. Keep all documents supplied with the tool in a safe place and pass them on to other users.

SAFETY INSTRUCTIONS – FOR HURRICANE OIL DRAINER

WARNING!

Ensure Health & Safety, local authority and general workshop practice regulations are adhered to when using this equipment.

Familiarise yourself with the oil drainer, its application, limitations and hazards.

Keep the work area clean, uncluttered and well-lit.

Maintain correct balance and secure footing. Ensure floors are not slippery.

Keep children and unauthorised persons away from the work area.

Do not allow untrained persons to operate the drainer.

Do not operate when tired or under the influence of alcohol, drugs or medication.

Do not leave the drainer operating unattended.

WARNING!

Disconnect from the air supply before changing accessories, servicing or carrying out maintenance.

Maintain the drainer in good condition using an authorised service agent.

Replace or repair damaged parts immediately. Use genuine parts only.

Do not operate the drainer if parts are damaged or missing.

Do not stand on the drainer or tamper with the safety valve.

WARNING!

Ensure correct air pressure is maintained and not exceeded.

Keep the air hose away from heat, oil and sharp edges. Check the hose condition before use.

Ensure all air connections are secure.

Do not move the drainer by the hose or pull the hose from the air supply.

Do not direct compressed air at yourself or others.

DO NOT:

Extract caustic or flammable substances.

Use the drainer for any purpose other than that for which it is designed.

WARNING!

When extracting high-temperature oil, wear suitable personal protective equipment.

DANGER!

Do not release the drain pan clamp lever while the reservoir is pressurised. Sudden upward movement may cause serious injury and/or damage.

When not in use, disconnect from the air supply, vent the reservoir and store in a safe, dry location.

Dispose of waste oil in accordance with local authority regulations.

WARNING!

Do not allow uncontrolled discharge of waste oil into the environment.

Main Application

Designed for the safe and efficient collection of used oil, the oil drainer is ideal for vehicle servicing and maintenance operations. It allows quick, mess-free draining of engine oil from cars, vans, and light commercial vehicles, helping workshops maintain a clean work environment while improving service efficiency.

Technical Specification

Model number W07-0002
Air Discharge: Yes
Capacity: 80L
Drain Pan Capacity: 8L
Temperature Range <80 °C
Maximum Height: 150cm
Minimum Height: 91cm

Oil Discharge Pressure: 0.5Bar
Discharge speed: 1.6L/min
Vacuum level: below 0-08MPA
Working pressure: 0.8-1 MPA
Collecting speed: 0.8L/min
Pressure: 4KG/cm

Package contents

2 x Castor Wheels
2 x Nuts
2 x Rear wheels
2 Flat washers
2 x Split Pins
1 x Pressure Gauge
1 x PTFE Tape

1 x Liquid PTFE
1 x Drain Pan
1 x Drain Pan Mesh
6 x Extraction Tubes
1 x Extraction Hose
1 x Extraction Tube Holder
1 x Drip Tray for Extraction Tube Holder
1 x Parts Tray

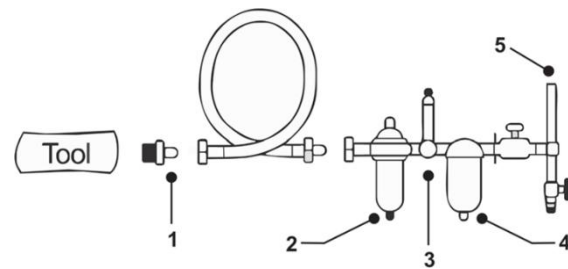
Assembly

1. Wheels - Slide a fixed wheel onto each stub axle and retain it with a washer and split pin.
2. Then bolt the two front castors to the front bracket with dome nuts.
3. Install the extraction tube holder and drip tray, and then insert 6 extraction tubes
4. Tighten the drainpipe clamp nut
5. Connect the drain pan using the supplied liquid PTFE or PTFE tape (if using PTFE tape, put it on in the opposite direction to the thread), screw it into the ball valve on the drain tube, and fully tighten it.
6. Install the vacuum gauge to the valve body and check that it is secure to the extraction valve assembly
7. Install the extraction hose assembly using the supplied liquid PTFE to the extraction valve
8. Please thoroughly check that the suction valve assembly is installed securely with PTFE tape.

Although most components are pre-installed at the factory, please check that all fittings are secure and properly sealed before use. We recommend using the supplied liquid PTFE. This typically takes up to 24 hours to reach maximum strength.

Air Supply

1. Quick coupling
2. Automatic lubricator
3. Regulator
4. Water separator
5. Air Supply



Connecting

Use high-quality hoses and couplings only.

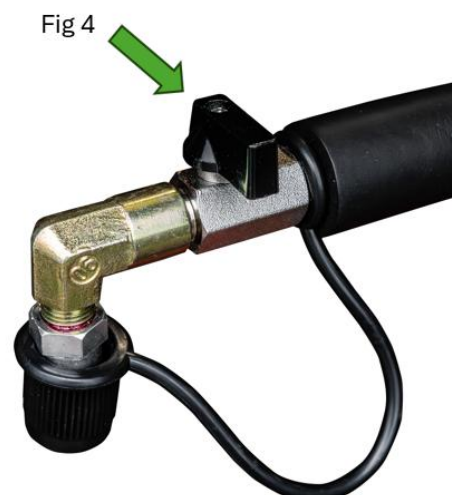
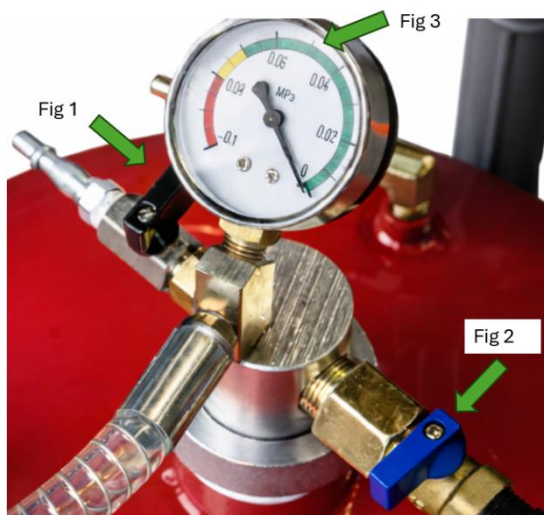
Air pressure

Use 6,3 bar air pressure in combination with a well-functioning air dryer.
Using a higher air pressure can lead to shorter service life and injuries

Operation instructions

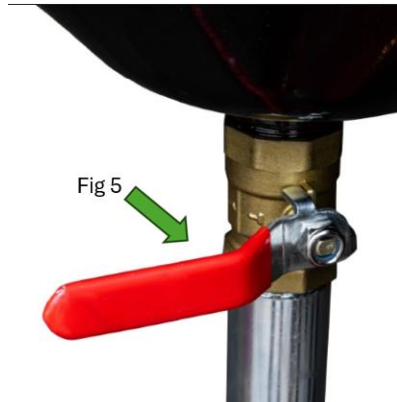
1. Oil extraction using suction tubes

- a. **WARNING** - Check all 5 valves and ensure they are all in the closed position.
- b. Connect the air supply to the extraction valve assembly. **Fig 1**
- c. Choose a suitable oil extraction tube and connect it to the suction nozzle **Fig 4**
- d. Remove the oil dipstick with the vehicle engine still warm and insert the suitable probe into the engine as far as possible.
- e. Open the air inlet valve **Fig 1**
- f. Open the exhaust valve (blue) **Fig 2**, to allow vacuum pressure to build in the tank
- g. When the pressure gauge **Fig 3** shows 0.05 MPA. Then close the air inlet valve **Fig 1** and shut off the compressed air supply. The oil drainer is depressurised and ready to use.
- h. Open the extraction valve **Fig 4**, and begin the extraction process
- i. Once the oil is completely drained from the engine, close the suction hose ball valve



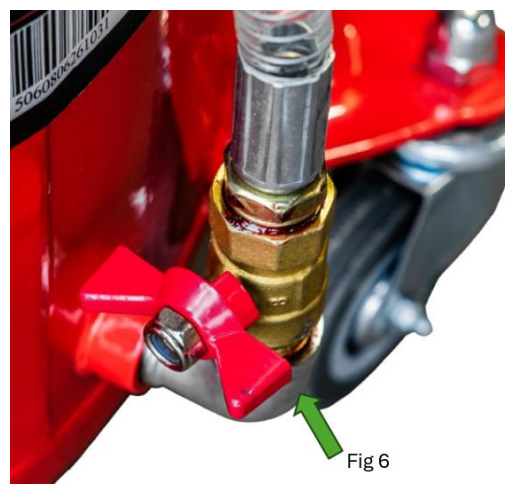
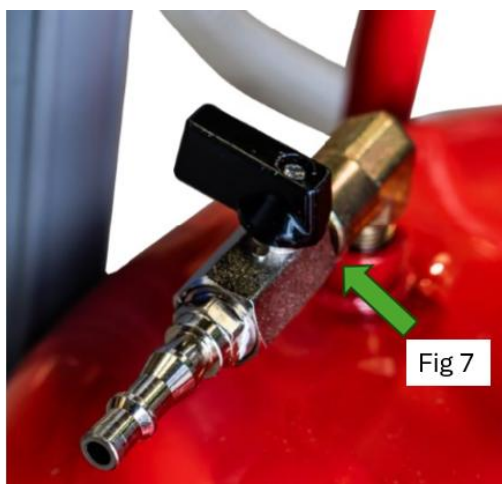
2. Collecting vehicle oil

- a. Open the ball valve on the drainpipe. **Fig 5**
- b. Open the Blue exhaust valve. **Fig 2**
- c. Ensure the other 4 valves are closed
- d. Ensure that the oil drainer is located correctly under the drain area



2. Draining the waste oil tank

- j. **WARNING** - Check all 5 valves and ensure they are all in the closed position.
- k. Connect the air supply to the air inlet valve **Fig 7** on the oil drainer tank
- l. Insert the end of the oil drainpipe hose into a suitable waste oil container or barrel
- m. Open the waste oil ball valve **Fig 6**
- n. Open the oil drain tank valve carefully and use the ball valve regulator **Fig 7** to control the flow
- o. After the oil has been transferred from the reservoir tank to the waste container, close the waste oil ball valve and oil drain tank valve and ensure no residual air pressure is in the system



Troubleshooting

1. Solutions for no reading of pressure on the vacuum gauge

- Check and make sure the air supply is 0.8 to 1 MPA (116 to 145psi).
- Check and make sure that all valves are turned off and in proper condition.
- Check if the silencer is well-sealed.
- Check whether the oil suction pipe and oil exhaust pipe are sealed.
- Check whether the temperature of the waste oil is too low.
- Check whether the oil pipes are switched on.
- Check whether the oil pipes are jammed or in contact with the bottom of the tank.

Maintenance Instructions

Regular Inspection (Before Each Use)

Check for Leaks: Inspect all connections, hoses, and the main tank. Do not use if leaks are identified.

Inspect Hoses and Tubes: Check suction hoses for wear, cracks, or other damage.

Verify the pressure gauge: ensure it is not damaged and is functioning correctly.

Secure Connections: Make sure all fittings, including the suction hose and drain tap, are secure.

Operational & Safety Maintenance

Do Not Overfill: Monitor the oil level indicator and empty it when it reaches the maximum limit.

Do Not Over-pressurise: When using compressed air to discharge oil, do not exceed the recommended PSI/bar (typically around 6-8 bar, or 87-116 PSI).

Avoid Contaminants: Do not use the oil drainer for caustic or flammable liquids.

Temperature Safety: Do not exceed the operating temperature (usually 70°C–80°C).

Replace Worn Parts: Replace hoses or tubes when they are no longer transparent or show signs of damage.

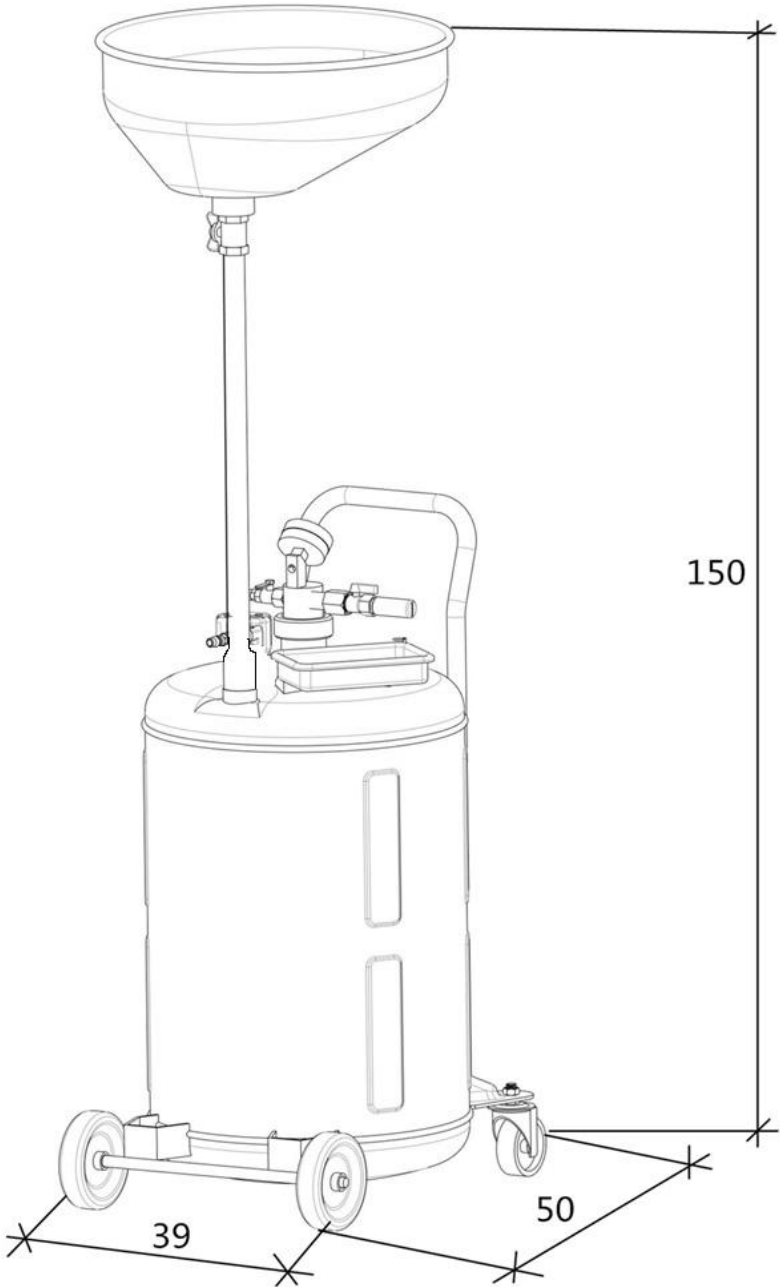
ENVIRONMENTAL PROTECTION

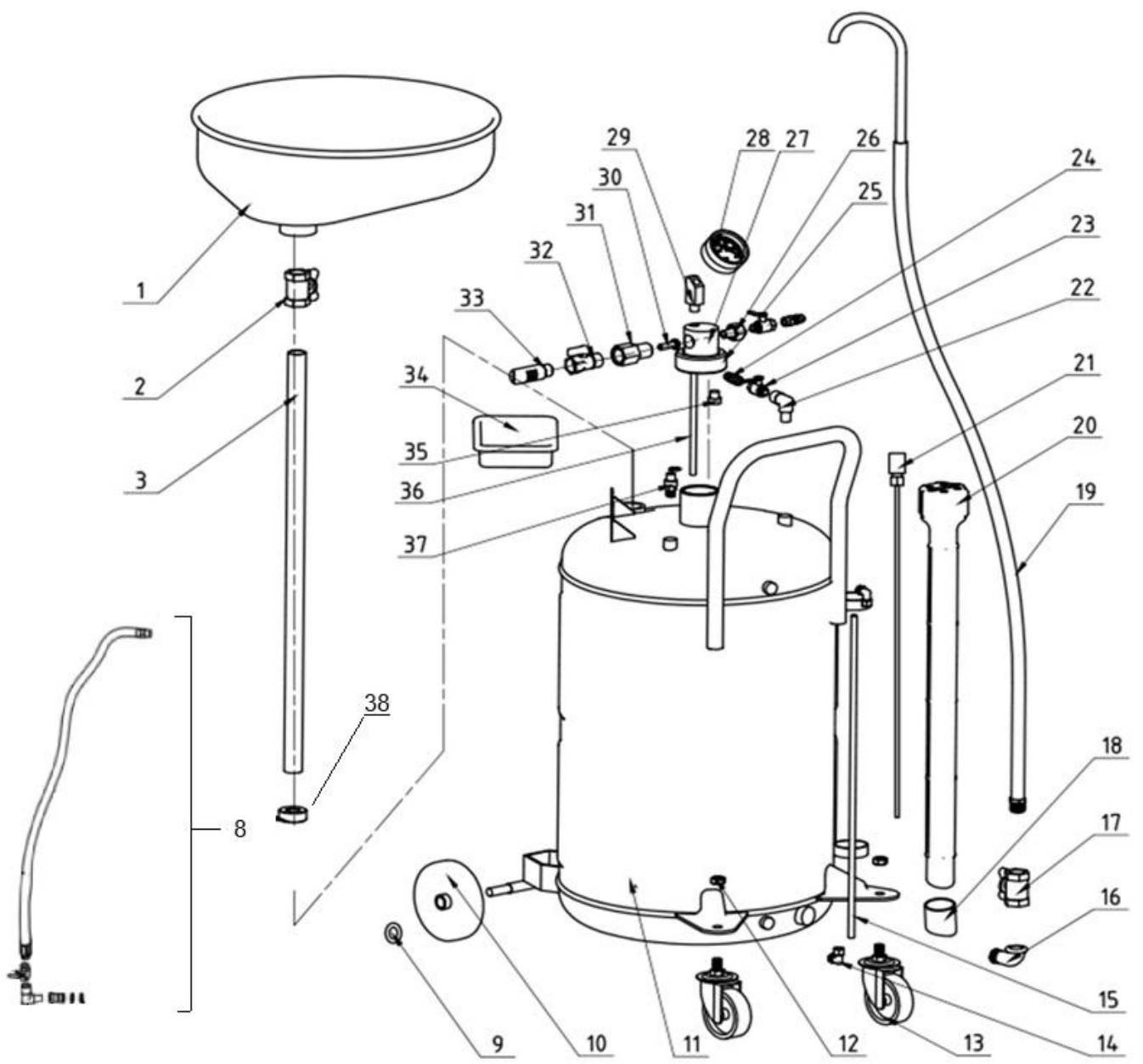
Wherever possible, unwanted materials should be recycled rather than discarded. All tools, accessories, and packaging must be separated, sorted, and taken to an approved recycling facility for disposal in an environmentally responsible manner. When the product has reached the end of its service life and is no longer serviceable, any fluids (where applicable) must be fully drained into approved containers. The product and all drained fluids must then be disposed of in accordance with local environmental regulations.

Notes

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Product Dimensions





Index No	SKU No	Description	Qty
1	W07-0002-01	Drain Pan Female Thread	1
1	W07-0002-01V2	Drain Pan Male Thread	1
2	W07-0002-2	3/4 butterfly ball valve Male to Female	1
2	W07-0002-2V2	3/4 butterfly ball valve Female to Female	1
3	W07-0002-3	Oil Pan Drainpipe 25mm Diameter	1
8	W07-0002-8	Complete Extraction Hose Assembly	1
9	W07-0001-9	Washer	2
10	W07-0001-10	5-inch PVC wheel	2
11	W07-0001-11	tank	1
12	W07-0001-12	M12 Dome Nut	2
13	W07-0001-13	Castor Set (2 Wheels & Nuts)	1
14	W07-0001-14	fast elbow 1/4-8	2
15	W07-0001-15	Oil Level Sight Tube	1
16	W07-0001-16	1/2" Elbow	1
17	W07-0001-17	1/2 Ball Valve	1
18	W07-0001-18	Suction Pipe Holder Tube Drip Tray	1
19	W07-0001-19	Oil Drain Hose	1
20	W07-0001-20	Suction Tube Holder	1
21	W07-0001-21	Suction Tube Set 6pc	1
22	W07-0001-22	1/4" Elbow	1
23	W07-0001-23	1/4 Ball Valve	2
24	W07-0001-24	Air Inlet Connector	2
25	W07-0001-25	vacuum generator fix screw	1
26	W07-0001-26	pagoda air inlet connector	1
27	W07-0001-27	Vacuum Generator Body	1
28	W07-0001-28	Vacuum Gauge	1
29	W07-0001-29	Connector Block	1
30	W07-0001-30	Pagoda Air-Outlet Connector	1
31	W07-0001-31	1/2 Connector	1
32	W07-0001-32	1/2 Ball Valve	1
33	W07-0001-33	Silencer	1
34	W07-0002-34	Storage Tray	1
35	W07-0001-35	Check Valve One Way	1
36	W07-0001-36	Overfill Stop Tube 8mm	1
37	W07-0001-37	Safety Pressure Relief Valve	1
38	W07-0002-38	Drain Downpipe Nut	1
39	W07-0002-39	Downpipe Sealing Ring	1
40	W07-0002-40	Downpipe Coller Complete Assembly with O-rings	1

- Please note that some spares are the same as our previous model
- The Drain Pan Index No 1 * have two different variances: Male thread or Female
- The ball valve Index N 2 * also has two variances Male or Female thread

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NOTE: It is our policy to continually improve products, and as such, we reserve the right to alter data,

specifications and component parts without prior notice.

IMPORTANT: No liability is accepted for incorrect use of this product.

INFORMATION: For a copy of our catalogue and latest promotional offers, call us on 01604 790982

Warranty: 2 years from the purchase date, proof of which is required for any claim.
