

IMPORTANT

If your Enforcer is fitted with a 400, 600, 800 psi or metal headed pump system, Ashbys strongly advise that you use LIQUID DETERGENT ONLY in your solution tank – **DO NOT USE POWDERED DETERGENT**. This is because un-dissolved powdered detergent particles (or grit from a contaminated bucket), **WILL damage your pump head, voiding the warranty and all costs to repair this damage will be chargeable.**

Ashbys recommend the following liquid detergents which have been specifically developed for use with these pump systems –

- **PC7735 Ashbys Premium Extraction Liquid 5 Ltr** – for all standard and heavy duty carpet cleaning.
- **PC7736 Ashbys Liquid Extraction Cleaner 5 Ltr** – for delicate carpets, upholstery and rugs.

For more information see page 8.

Ashbys Enforcer Instruction Manual

Operating instructions for Ashbys
Enforcer Carpet, Curtain & Upholstery
Cleaning Machine.

Ashbys Cleaning Equipment

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CONTENTS

Setting Up Your Enforcer	8
Filling the Enforcer with Cleaning Solution	8
3 Kw Adjustable Tank Heater System (If Fitted)	8
Internal V2 SteamMate (If Fitted)	8
Water Pump and Vacuum System.....	9
Emptying Soiled / Dirty Water from the Enforcer	9
Hot Solvent Extraction Cleaning	13
Fitted with an Adjustable 3 Kw Tank Heater	13
Emptying after Hot Solvent Extraction Cleaning	14
Good Practices	14
Handling Advice	15
Loading Method	15
Warranty Terms & Conditions	16





Loading Wheels.

Switch Panel -
dual heater
system version.

Mains Power
Lead.

Plug Docking -
for Mains Power
Lead.

Roller Bar /
Cable Winds.

Heater Lead.

Plug Docking -
for Heater Lead.

Rear Wheels.

Rear Mounted Lower Grab Handle -
used when loading & unloading from
vehicle.

Solution (Clean Water)

Tank Lid - use CLEAN bucket to fill solution tank. Buckets used to empty Recovery (Dirty Water) Tank should never be used. We recommend liquid detergent (NOT powdered) only for all 400 psi and above pump systems.

Brass Pressure Control Knob - present on all 400, 600 & 800 psi models and used to adjust maximum working pressure. Screw inwards / clockwise for full pressure and outwards / anti-clockwise to reduce pressure.

Tip for users of 400 psi model – during normal use, leave at full pressure whilst using carpet wand and reduce flow-rate with Flow-rate Control when cleaning upholstery.

Flow-rate Control - used to vary volume & pressure of cleaning solution coming out of hand tool or carpet wand. Close for maximum and open to reduce. DO NOT over-tighten.

Dump Valve - used to empty dirty water from Recovery (Dirty Water) Tank.

Front-mounted Lower Double Grab Handle - used mainly for loading and unloading from your vehicle.

Recovery (Dirty Water) Tank Lid - closed during normal operation. Can be opened to access Recovery (Dirty Water) Tank when vacuums are not running. Your high level shut-off / float cage and ball is positioned inside this tank, should you need to clean it.

2 inch / 51 mm Vacuum Hose Spigot - to connect your 1 1/2 inch / 38 mm hose cuff push inside Spigot



Or to connect 2 inch / 51 mm Vacuum hose cuff push over Spigot.

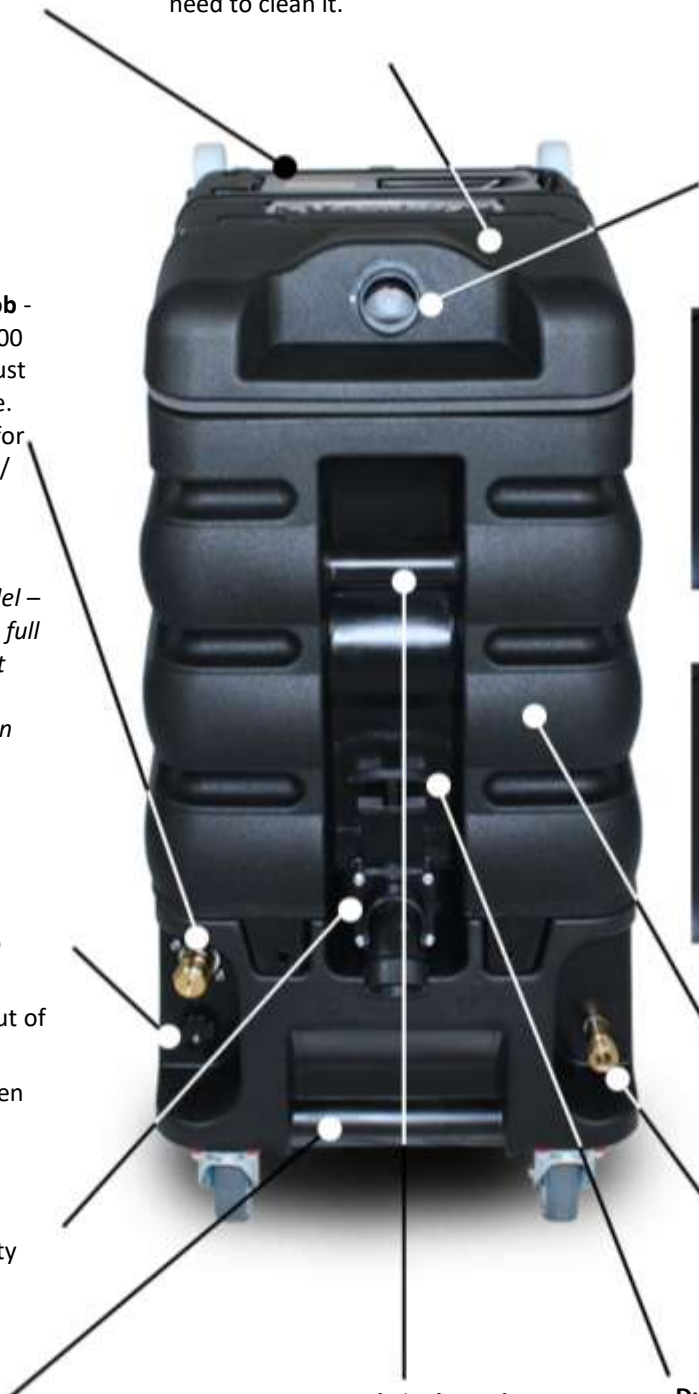


Recovery (Dirty Water) Tank - always use defoamer in this tank.

Front Female Connector - for connection to solution hose.

Dump Valve Handle - Used to open and close Dump Valve. Should remain in closed position during use.

Front-mounted Single Grab Handle - used during the loading and unloading process.



Green Power To Tank Heater Neon - indicates power to the tank heater system.

Red Heating In Progress Neon - indicates when the tank heater is in 'Heating' mode. This will go out when set temperature is reached.

Green Power To V2 SteamMate Neon - indicates power to the inline V2 SteamMate heating system.

Red Heating In Progress Neon - indicates that the V2 SteamMate is in 'Heating' mode.

Tip - Heat improves cleaning efficiency. If you want to clean with hot water, fill with the hottest water you can (do not exceed 60°C), set temperature and turn on heater. It is not always necessary to wait for the Enforcer to achieve top temperature before you start cleaning.

Tip - When you first start using your V2 SteamMate on each job, wait for this light to go out BEFORE starting. This will mean your V2 SteamMate is up to temperature. You can then begin to work. On carpet we recommend cleaning with a 1 m cleaning pass (with the trigger squeezed), followed by 2 drying passes over that area. This will allow your V2 SteamMate to work at top temperature and ensure the driest results possible.



Adjustable Thermostat For Tank Heater - allows you to set the maximum temperature for water in your Solution (Clean Water) Tank. Maximum temperature is 60°C for 400, 600 & 800 psi models and 70°C for 135 psi model – DO NOT EXCEED.

Black Tank Heater & V2 SteamMate On/Off Switch - 3 position switch, switching between -
 UP Position - Tank Heater ON. This will only switch on when there is enough water to cover the Low Level Safety Cut Off in Solution (Clean Water) Tank.
 MIDDLE Position - both Tank Heater & V2 SteamMate OFF.
 DOWN Position - V2 SteamMate inline heater ON. This will only switch on when water pump is running AND there is enough water to cover the Low Level Safety Cut Off in Solution (Clean Water) Tank.

Adjustable Thermostat For V2 SteamMate - allows you to set the maximum temperature for cleaning solution coming out of the front female connector to the cleaning tool. Maximum temperature is 110°C.

Please Note - On the Enforcer fitted with a Tank Heater & V2 SteamMate, it is only possible to run one or other of the heating systems - and not both together at the same time.

Tip - To minimise stress on your V2 Female Connectors always depressurise V2 SteamMate system by turning off pump and squeezing trigger on your cleaning tool to release and spray out excess pressure. Always vent hot spray into a safe area such as a bucket.

Green Mains Power Switch - switches on and off mains power to machine. You will need to have plugged the White Mains Lead into a 240 V 13 amp socket. For safety always use a 240 V 13 amp RCD.

Amber Water Pump Switch - switches the water pump on and off.

Tip - Always open your Flow-rate Control half a turn anti-clockwise before switching on your pump, run for 20 seconds then set Flow-rate Control to desired position.

Amber Vacuum Motor No.1 Switch - of the 2 vacuum motor switches (VAC 1 & VAC 2), switch this one on LAST and off first.

Amber Vacuum Motor No.2 Switch - there are 2 vacuum motor switches (VAC 1 & VAC 2) switch this one on FIRST and off last. Your vacuum motors provide suction.

User information Panel (IMPORTANT) - read, understand and follow for safe operation and maximum life from components.

PAT Safety Sticker - DO NOT USE if out of date, missing or indicates 'FAIL'.



Red Heating In Progress Neon - indicates when the tank heater is in 'Heating' mode. This will go out when set temperature is reached.

Tip - Heat improves cleaning efficiency. If you want to clean with hot water, fill with the hottest water you can (do not exceed 60°C), set temperature and turn on heater. It is not always necessary to wait for the Enforcer to achieve top temperature before you start cleaning.

Adjustable Thermostat For Tank Heater - allows you to set the maximum temperature for water in your Solution (Clean Water) Tank.

Maximum temperature is 60°C for 400, 600 & 800 psi models and 70°C for 135 psi model - DO NOT EXCEED.

Red Tank Heater Switch - switches on and off your Built-in 3 KW Tank Heater. You will need to have:

1. Plugged the Black Heater Lead into a 230 V 13 amp socket. For safety always use a 240 V 13 amp RCD.
2. Filled the Solution Tank above the low level shut off float.

Amber Solvent (Dry Cleaning) Pump Switch - used to switch on your solvent pump if your enforcer is fitted with a Built-in Hot Recirculation Solvent Cleaning System.

SETTING UP YOUR ENFORCER

FILLING THE ENFORCER WITH CLEANING SOLUTION

Fill solution tank with the amount of water required – if you'd like to clean with hot water and you have access to hot water, fill with this. Always use a **dedicated clean water bucket(s)** as any grit introduced WILL damage the pump head. There is a low water level safety cut-off in your solution tank and you will need to ensure you have enough water to cover this before your heating system will operate.

IMPORTANT - If your Enforcer is fitted with a 400, 600 or 800 psi pump system, we strongly recommend the use of **LIQUID DETERGENT ONLY, NOT powdered detergent**, in your solution tank. **This is because any undissolved powdered detergent particles (or grit) WILL damage your pump head, voiding the warranty and all costs to repair this damage will be chargeable.** We recommend the following liquid detergents which have been specifically developed for use with these pump systems –

- **PC7735 Ashbys Premium Extraction Liquid 5 Ltr** – for all standard and heavy duty carpet cleaning.
- **PC7736 Ashbys Liquid Extraction Cleaner 5 Ltr** – for delicate carpets, upholstery and rugs.
- Both products can be ordered by calling 01795 436999 or from our web site www.ashbys-uk.com. Type the product code (PC****) into the search bar on our site, to navigate to each product.

For best life from 400, 600 or 800 psi pump systems, Ashbys recommend using ONLY these liquid detergents in the solution tank and applying all other products as either a pre-spray (before cleaning) or post-spray (after cleaning). These include pre-spotters, stain removers, acidic rinse / acid products or deodorizer. Defoamer should always be used and applied only into the recovery (vacuum) tank only.

3 KW ADJUSTABLE TANK HEATER SYSTEM (IF FITTED)

1. Plug-in black Heater Lead in to a 13 amp 240 Volt socket - ensure that it is on a RCD protected supply. **IMPORTANT** – When using any electrical equipment at customer's premises, you should have a plug-in 13 amp RCD on each power lead. In the event of a fault, an unearthed or non-RCD protected power supply can cause injury or death. Do not use an extension lead with double plug ability, to plug-in two leads. Only one 13 amp lead per 13 amp extension lead. Plugging both of the Enforcers electrical leads into a double wall socket is permissible as long as each socket is 13 amp 3 Kw rated.
2. Fill solution tank with clean water to required level. The heater will not operate until the float switch is covered.
3. Switch on tank heater switch and dial thermostat to required temperature. The thermostat dial will not turn passed the recommended top temperature for the pump i.e. 60°C or 70°C depending on pump model. The thermostat will automatically turn off the heater at the temperature setting selected and the red neon light will turn off. The heater switch will remain illuminated to indicate that power to the heater is on. The heater will switch off automatically when the water level drops to the minimum safe level. The heater will not operate with no water in the solution tank.

INTERNAL V2 STEAMMATE (IF FITTED)

1. Plug-in Black Heater Lead to a 13 amp 240 Volt socket - ensure that it is on a RCD protected circuit. **IMPORTANT** – When using any electrical equipment at customer's premises, you should have a plug-in 13 amp RCD on each power lead. In the event of a fault, an unearthed or non-RCD protected power supply can cause injury or death. Do not use an extension lead with double plug ability, to plug-in two

leads. Only one 13 amp lead per 13 amp extension lead. Plugging both of the Enforcers electrical leads into a double wall socket is permissible as long as each socket is 13 amp 3 Kw rated.

2. Always connect V2 Fully Sleeved or heat-protected solution hose and cleaning tools to the machine before switching on the V2 SteamMate - the heat will increase the water pressure and cause resistance when connecting the hose.
3. Set selected temperature on V2 SteamMate dial, this will give a temperature range of between 0°C to 110°C.
4. The V2 SteamMate will not operate until:
 - A) The solution tank is above the minimum level of water required to engage the float switch.
 - B) The water pump is switched on.

The red neon will turn off when the temperature in the V2 SteamMate reaches the selected temperature. Please note that the V2 SteamMate heater switch will remain illuminated to indicate the power is on (if fitted with an illuminating switch).

WARNING: The V2 SteamMate will produce very hot water under pressure and should only be used with hoses and tools designed for high heat and pressure. Injury could result from using low pressure or low heat-rated accessories. When venting or spraying always do so into a suitable container, or onto the item being cleaned – **never on people or animals**. Green neon will indicate which system is operating on dual heat models.

WATER PUMP AND VACUUM SYSTEM

1. Plug-in white mains Lead to a 13 amp 240 Volt socket - ensure that it is on a RCD protected circuit.
IMPORTANT – When using any electrical equipment at customer's premises, you should have a plug-in 13 amp RCD on each power lead. In the event of a fault, an unearthed or non-RCD protected power supply can cause injury or death. Do not use an extension lead with double plug ability, to plug-in two leads. Only one 13 amp lead per 13 amp extension lead. Plugging both of the Enforcers electrical leads into a double wall socket is permissible as long as each socket is 13 amp 3 Kw rated.
2. Open flow control valve one turn anticlockwise, to allow free recirculation of water back to the solution tank.
3. Connect suitably rated solution hose to machine and cleaning tool.
4. Switch on the green mains switch. This will automatically turn on the cooling fan system and provide power to the switch panels, vacuum and pump systems.
5. Switch on the water pump and allow to run on recirculation whilst switching on vacuums.
6. Switch on vacuum motor No 2.
7. Switch on vacuum motor No 1.
8. Ensure Brass Pressure Control valve is turned fully clockwise to maximum (in direction of arrow).
9. Close Flow Control (by turning clockwise), to produce required flow-rate and pressure up to 400 psi.
10. Commence cleaning.

EMPTYING SOILED / DIRTY WATER FROM THE ENFORCER

When the recovery tank is full a float ball shut off system will operate. When vacuum power is lost turn off vacuum motor No 1 followed by No 2. Empty soiled water via the dump valve into a **dedicated dirty water bucket**. Empty soiled water into a sewage sluice i.e. toilet or manhole. Do not contaminate rain water drains. Refill solution tank using **dedicated clean buckets** and continue working.

SEE NEXT PAGE FOR DETAILED INSTRUCTIONS ON HOW TO EMPTY THE ENFORCER.

1

Open Dump Valve using Dump Valve Handle, to empty Recovery (Dirty Water) Tank in to dedicated dirty water bucket.

Recovery (Dirty Water) Tank.

Dump Valve Handle.



2

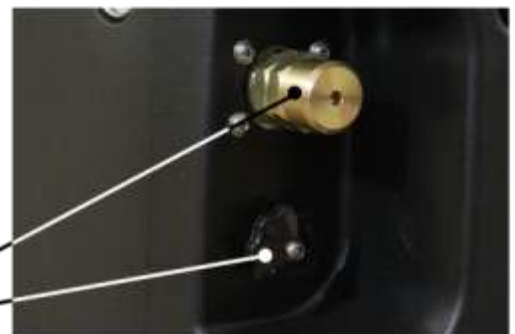
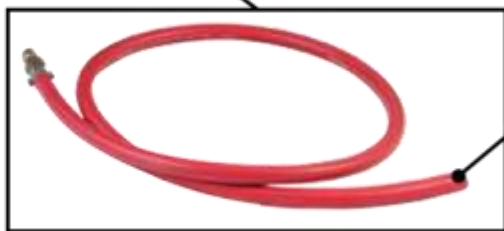
Put Open End of Pump-out Hose into Recovery Tank (Dirty Water) and close Recovery (Dirty Water) Tank Lid onto Pump-out Hose to secure it in position.

Pump-out Hose.

Recovery (Dirty Water) Tank Lid.

Recovery (Dirty Water) Tank.

Open End of Pump-out Hose.



3

Open Flow-rate Control Knob half a turn anti-clockwise.

Brass Pressure Control Knob.

Flow-rate Control.

4

Insert Male Connector End of Pump-out Hose into Front Female Connector.

Front Female Connector.

Page 10 of 16



5

Completely close Flow-rate Control by turning clock-wise (do not over tighten), switch off heating system (if fitted) and switch on WATER pump. This will start the water draining from the Solution (Clean Water) Tank into the Recovery (Dirty Water) Tank.



Water Pump Switch.

6

Open Dump Valve using Dump Valve Handle, to empty Recovery (Dirty Water) Tank in to dedicated dirty water bucket. Use pump out hose to rinse out recovery tank.

Recovery (Dirty Water) Tank.

Dump Valve Handle.



7

IMPORTANT – Do not allow pump to dry run for prolonged period. Once water has stopped coming out of the Pump-out Hose, turn off your pump and disconnect your Pump-out Hose.

8

Open Recovery (Dirty Water) Tank Lid and run both VAC 1 & VAC 2 for 2-3 minutes. This will removed dump air from your vacuum system.



VAC 1 Switch.

VAC 2 Switch.

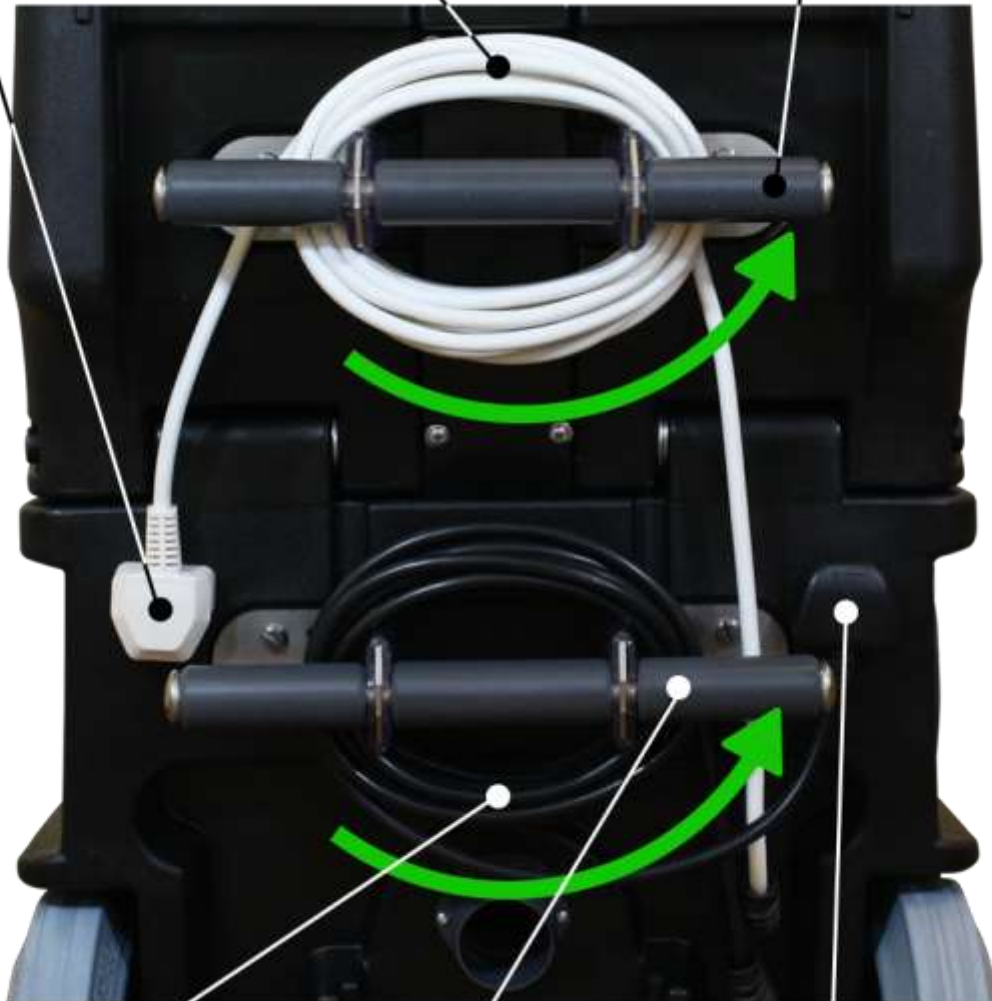
9

Close Recovery (Dirty Water) Tank Lid and wind-up and store Mains Power Lead and Heater Lead (if fitted) as shown below.

Left hand Plug Dock.

To store Mains Power Lead - wrap anti-clockwise around Top Cable Wrap, the dock plug in left hand Plug Dock.

Top Cable Wrap



To store Heater Lead - wrap anti-clockwise around Lower Cable Wrap, then dock plug in Right hand Plug Dock.

Lower Cable Wrap.

Right hand Plug Dock.

10

DO NOT ALLOW MACHINE OR TOOLS TO FREEZE.

HOT SOLVENT EXTRACTION CLEANING

FITTED WITH AN ADJUSTABLE 3 KW TANK HEATER

Warning – when solvent cleaning always follow safety procedures detailed on the solvent container, which usually involves wearing suitable protective mask & gloves.

1. Fill solution tank to above level of copper coil heat exchanger with water (preferably hot), ensuring heater element low level float switch is covered. Plug white & black mains leads into separate 13 amp sockets. Ensure that electrical supply is fitted with an R.C.D earth leakage trip. When using any electrical equipment, switch on heater and dial up temperature to 60°C, located on main switch panel.
2. Whilst the Enforcer is heating water, connect solvent intake tube to rear of machine via brass coupling. Hook solvent container cage to Enforcer rear handle and place 5 Ltr container of solvent cleaning fluid in cage. Place the other (open) end of the intake tube into the solvent container. Ashbys Cleaning Equipment strongly recommends using an odour-free solvent such as Dry Clean Extra PC6234 or Supreme Dry Clean PC4502. Using unsuitable solvents can be dangerous because of toxicity and fire / explosion risk.
3. Connect solvent re-circulation hose to Enforcer via double brass connections. The other end can be connected to required solvent cleaning tool.
4. If the solvent system has been drained dry or contaminated by water, you can use the solvent bleed hose to bleed the system. Connect the bleed hose to the female socket of the recirculation hose and run pump until clean solvent is pumped through.
5. When system is primed connect female socket of the recirculation hose to male return on machine and turn on solvent pump – solvent will automatically start to circulate through the hose & copper coil heat exchanger system, whenever the pump is turned on.
6. Connect solvent exhaust venting hose to vacuum exhaust spigot at back of Enforcer. **Important** - only use venting hose supplied with machine, as high venting temperatures can soften lesser quality hose and in some cases cause it to collapse. If in doubt as to suitability of venting hose call Ashbys for technical advice. Always vent solvent fumes outside. Open windows and / or doors for fresh air ventilation. An Airmover is advisable for clearing any solvent fumes on completion of work.
7. Connect the lightweight solvent vacuum hose to Enforcer vacuum intake spigot and other end to solvent tool.
8. To commence cleaning once the solvent has reached the desired working temperature, switch on both vacuums (the solvent pump is already switched on – see instruction 5).
9. Commence solvent cleaning procedure.

Note – If unsure of solvent cleaning methods & techniques call Ashbys Cleaning Equipment on 01795 436999 for our latest Stage 1 course dates, or visit www.ashbys-uk.com.

EMPTYING AFTER HOT SOLVENT EXTRACTION CLEANING

1. Switch off vacuums & solvent pump.
2. Drain solvent from recovery tank via black Dump Valve at front of Enforcer.
3. On completion of work residual water in solution tank can be drained by pumping into vacuum tank using red Pump-Out Hose supplied.

The Pump-Out Hose is a short piece of solution hose with a male connector on one end – this is connected to the female brass water solution connection on the machine. The other end is open (no connector) and should be put in the recovery / dirty water tank.

Turn on the pump and where applicable, close the flow control. Allow all the water to empty from the solution tank.

4. Empty water from recovery tank black Dump Valve & rinse recovery tank through with fresh water.
5. **Open recovery tank lid & run both vacuum motors for approx. 2-3 minutes.** This will help to prolong the life of your vacuum motors by drying them prior to packing away.
6. To drain solvent from re-circulating system, disconnect return hose (small brass female connector) and attach to Solvent Bleed Hose with open end in the 5 Ltr solvent container. Lift out Solvent Intake Hose from container and switch on solvent pump. Run until dry.

GOOD PRACTICES

- ✓ This equipment should be serviced every six months at Ashbys premises – call our Service Dept on 01795 436999 to book.
- ✓ Always use a **completely clean bucket** to fill solution tank.
- ✓ If your Enforcer is fitted with a 400, 600, 800 psi or metal headed pump system, Ashbys strongly advise that you use a **suitable LIQUID DETERGENT ONLY** in your solution tank – **DO NOT USE POWDERED DETERGENT.**
- ✓ If you pump is suitable for use with a powdered detergent, thoroughly pre-dissolve in your clean water bucket before filling solution tank. **Do not apply powder directly in to solution tank.**
- ✓ Vacuum and solutions hoses are best kept in hose bags.
- ✓ Open the vacuum tank lid to allow hygienic drying of the vacuum tank overnight. This will prevent bacterial build up and unpleasant odours.
- ✓ Store machine with castor brakes on.
- ✓ Always wrap cables and fit plugs in docking points provided.
- ✓ Wipe clean the wire mesh of the float ball cage.
- ✓ Keep the machine clean.
- ✓ Do not allow to freeze.
- ✓ **Always use Pump-Out Hose to empty clean water from solution tank.**
- ✓ **Run both vacuum motors with recovery tank lid open at end of each job for 2-3 minutes. This will remove damp air from vacuum motors.**
- ✓ It is not considered necessary to remove every drop of water from the solution tank, simply use the Pump-out Hose and follow the instructions on page 10. The Enforcer can be easily loaded with the small amount of water that's left in the solution tank. If you do need to empty the solution tank completely, suck out last remnants of water from the solution tank using the vacuum hose and **Vacuum Motor No 2 ONLY.** This will give a controlled flow of water into recovery tank. Using both

vacuums may cause water to be sucked through the vacuum motors. **Take care to stay clear of all the items located in the solution tank** (float switch, intake filter, heater element etc).

HANDLING ADVICE

The Enforcer is a high powered, large capacity machine designed for portable / tuck mount operation. To load into a van or flat opening estate car use the roll bars and top handle wheels to roll machine into vehicle.

LOADING METHOD

Push machine to vehicle entry point and ensure roll bar is in contact with vehicle. Roll machine into vehicle by levering it over on the roll bars and top handle wheels. To smooth the entry a piece of carpet can be used as a roll surface.

Do not physically lift the machine use wheels and roll over system to handle machine.



WARRANTY TERMS & CONDITIONS

We, Ashbys Specialist Cleaning Equipment, (hereinafter referred to as Ashbys), hereby warranty our Enforcer machine for one year from date of purchase if purchased new or three months from date of purchase if purchased from Ashbys as pre-owned. If purchased new, this is subject to a Full Service (which is chargeable – price on application) within first 6 months of purchase at Ashbys premises and limited to the terms and conditions listed below.

CONDITIONS OF WARRANTY

This warranty shall not extend to any Ashbys product showing effects of misuse, abuse, disassembly, alteration, lack of proper maintenance, corrosive chemicals, improper voltage, accident damage, unauthorised repairs, use of other than genuine Ashbys part(s) and material(s), fire, flood, normal wear or other cause beyond Ashbys control.

WARNING ON CHEMICALS: Improper use of chemicals voids warranty and Ashbys liability. Defoamer is to be used in all Ashbys Enforcer machines.

Ashbys is not responsible for any work performed on, equipment furnished thereto or repairs effected upon any of its products by other than Ashbys.

Brass, rubber and synthetic rubber products, quickly disconnects, "O" rings, diaphragms, gaskets, seal, grommets and carbon brushes in both pumps and vacuum motors are considered expendable in normal use and therefore are not included in the warranty.

The warranty obligation extends only to the repair or replacement of parts found, upon Ashbys examination, to be defective. Unless any part or assembled unit replaced hereunder is returned, carriage prepaid, together with a letter describing the problem, to Ashbys within 15 days of replacement, this warranty is void and of no effect. Parts or assemblies, either repaired or replaced, at the discretion of Ashbys, will be returned carriage collect by Ashbys.

It is necessary to write in or call for an authorisation to return any warranty items. No replacement parts will be shipped without the serial number of the machine the part was taken from and authorisation given by Ashbys. No credit will be given until the defective parts are received and accepted by Ashbys as qualifying for warranty replacement.

This warranty excludes any and all labour charges, carriage expenses, rental equipment used while warranty repairs are being performed and business losses of any nature from equipment failure.

The foregoing constitutes Ashbys entire warranty and no other warranty, liability, contingency or responsibility, direct, indirect, consequential or in any way connected with the sale or operation of Ashbys machines or chemical products is expressed or implied.

This warranty does not remove the rights of the purchaser provided by UK law.