

**TRISK | DEVILBISS**

TRUClean  
GCC

**Solvent and Aqueous Media Gun Cleaner Combination  
TC-GC-11 (904201)**



For other languages of this service manual as well as additional product information, please scan the QR code above.

In this part sheet, the words **WARNING**, **CAUTION** and **NOTE** are used to emphasize important safety information as follows:

## **WARNING**

Hazards or unsafe practices which could result in severe personal injury, death or substantial property damage.

## **CAUTION**

Hazards or unsafe practices which could result in minor personal injury, product or property damage.

## **NOTE**

Important installation, operation or maintenance information.

## **WARNING**

### Read the following warnings before using this equipment.



#### **READ THE MANUAL**

Before operating finishing equipment, read and understand all safety, operation and maintenance information provided in the operation manual.



#### **OPERATOR TRAINING**

All personnel must be trained before operating finishing equipment.



#### **EQUIPMENT MISUSE HAZARD**

Equipment misuse can cause the equipment to rupture, malfunction, or start unexpectedly and result in serious injury.



#### **LOCK OUT / TAG-OUT**

Failure to de-energize, disconnect, lock out and tag-out all power sources before performing equipment maintenance could cause serious injury or death.



#### **AUTOMATIC EQUIPMENT**

Automatic equipment may start suddenly without warning.



#### **PRESSURE RELIEF PROCEDURE**

Always follow the pressure relief procedure in the equipment instruction manual.



#### **KEEP EQUIPMENT GUARDS IN PLACE**

Do not operate the equipment if the safety devices have been removed.



#### **KNOW WHERE AND HOW TO SHUT OFF THE EQUIPMENT IN CASE OF AN EMERGENCY**



#### **WEAR SAFETY GLASSES**

Failure to wear safety glasses with side shields could result in serious eye injury or blindness.



#### **INSPECT THE EQUIPMENT DAILY**

Inspect the equipment for worn or broken parts on a daily basis. Do not operate the equipment if you are uncertain about its condition.



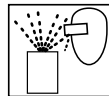
#### **NEVER MODIFY THE EQUIPMENT**

Do not modify the equipment unless the manufacturer provides written approval.



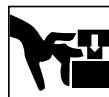
#### **NOISE HAZARD**

You may be injured by loud noise. Hearing protection may be required when using this equipment.



#### **PROJECTILE HAZARD**

You may be injured by venting liquids or gases that are released under pressure, or flying debris.



#### **PINCH POINT HAZARD**

Moving parts can crush and cut. Pinch points are basically any areas where there are moving parts.



#### **STATIC CHARGE**

Fluid may develop a static charge that must be dissipated through proper grounding of the equipment, objects to be sprayed and all other electrically conductive objects in the dispensing area. Improper grounding or sparks can cause a hazardous condition and result in fire, explosion or electric shock and other serious injury.



#### **WEAR RESPIRATOR**

Toxic fumes can cause serious injury or death if inhaled. Wear a respirator as recommended by the fluid and solvent manufacturer's Safety Data Sheet.



#### **TOXIC FLUID & FUMES**

Hazardous fluid or toxic fumes can cause serious injury or death if splashed in the eyes or on the skin, inhaled, injected or swallowed. LEARN and KNOW the specific hazards or the fluids you are using.



#### **FIRE AND EXPLOSION HAZARD**

Improper equipment grounding, poor ventilation, open flame or sparks can cause a hazardous condition and result in fire or explosion and serious injury.



#### **MEDICAL ALERT**

Any injury caused by high pressure liquid can be serious. If you are injured or even suspect an injury:

- Go to an emergency room immediately.
- Tell the doctor you suspect an injection injury.
- Show the doctor this medical information or the medical alert card provided with your airless spray equipment.
- Tell the doctor what kind of fluid you were spraying or dispensing.



#### **GET IMMEDIATE MEDICAL ATTENTION**

To prevent contact with the fluid, please note the following:

- Never point the gun/valve at anyone or any part of the body.
- Never put hand or fingers over the spray tip.
- Never attempt to stop or deflect fluid leaks with your hand, body, glove or rag.
- Always have the tip guard on the spray gun before spraying.
- Always ensure that the gun trigger safety operates before spraying.

**IT IS THE RESPONSIBILITY OF THE EMPLOYER TO PROVIDE THIS INFORMATION TO THE OPERATOR OF THE EQUIPMENT. FOR FURTHER SAFETY INFORMATION REGARDING THIS EQUIPMENT, SEE THE GENERAL EQUIPMENT SAFETY BOOKLET (77-5300).**

## PURPOSE OF THE MACHINE

The unit is intended for cleaning of air-driven spray-guns using either thinner-based solvents or water-based solvents.

Any other use of the unit is strictly forbidden, like:

- Emptying excess paint into the unit
- Cleaning of electric chargeable items
- Collecting of various waste
- Cleaning of textile materials
- Storing of items
- Cleaning of hands or other parts of the human body
- Cleaning of any items for food or drinks

## SAFETY INFORMATION

Hazards may arise from improper use of the Trisk | DeVilbiss TruClean. Hazards may also arise from improper choice/handling of drums or solvent. In order to maintain the high safety standard of the unit, it is important that these instructions are followed.

- This User Manual must be available and in legible condition in close proximity to the unit. Every user shall know where to find the User's Manual.
- Read and make sure you fully understood all information in this Manual.
- The unit should be installed as described in the instructions.
- The unit should be used as described in the instructions.
- The unit should be maintained as described in the instructions.
- Only original spare parts may be used.
- Do not modify or in any way alter the unit.
- Do not operate the unit unless it is properly vented. Do not operate the unit if the extraction of vapors is insufficient.
- Avoid contact with liquid and vapor. Refer to the solvents' MSDS (Material Safety Data Sheet).
- Personnel suffering from respiratory problems or allergies to solvents used, must not operate the machine.
- Clean up spills immediately. Solvent vapours are heavier than air and can spread a long way. They may also collect in pits or other low areas.

- Do not smoke, eat or drink while close to the unit.
- A fire extinguisher must always be kept nearby when working with flammable solvents. Do not use water.
- Spray guns or any other paint equipment items cleaned in the unit must be suitable for cleaning in a Zone 1 area (ref. Category 2 according to EN 13463-1/2001). If unsure, please contact the spray gun manufacturer.
- The unit must be properly grounded using the attached grounding cable. If plastic drums are used, the openings should be wiped off with a damp cloth, to avoid static electricity, before inserting or removing any hoses or other equipment.

### Regarding operating instructions

Operating instructions should be formulated on the basis of this manual and translated into the language spoken by the employees. It should be close to the machine.

To avoid confusion, the employees must be informed about the solvent currently being used in the machine.

Always wear the correct protective gear when operating the unit. Wear eye protection, protective gloves, and a protective mask:

- » Chemical goggles to protect your eyes.
- » Chemical-resistant gloves to prevent skin contact.
- » Chemical-resistant clothing to protect against spills or splash.



Use eye protection



Use protective gloves



Use a protective mask

## PERMITTED SOLVENTS



### Warning!

- Never use any solvent lacking an MSDS (Material Safety Data Sheet). Read the MSDS carefully and follow all instructions and procedures.

If you need more information about the solvent, please contact your solvent supplier.

- Never add other chemicals to the solvent.

The unit can be used with solvents and solvent mixtures intended for spray-gun cleaning, such as acetone, toluene, isobutanol, xylene that are listed as Group IIA according to IEC 79-20 (EN 60079-20).

The unit can also be used with water or water based solvents.

All solvents must have a pH value between 4 and 10. Do not mix water-based solvents with thinner-based solvents.

It is important that all users are informed of what solvent is being used, at all time.

Never use any solvent if it is not provided with an MSDS (Material Safety Data Sheet).

Read the MSDS carefully, and follow all the instructions and procedures provided in the MSDS. If unsure, or if more information is needed concerning the solvent, please contact your solvent supplier.

Do not add other chemicals to the solvent including, but not limited to, kerosene, gasoline, detergents, fuel oil or chlorinated solvents.

## PERMITTED SOLVENT DRUMS

The Trisk | DeVilbiss TruClean can be used with different types of drums, but they must comply with the following:

- The drums must fit into the unit.
- The drums must be leak-free.
- The drums must be made of a conductive material.

- Check for local regulations concerning max allowed volume for keeping solvent in the unit.

Solvent drums are not provided by Hedson Technologies, thus Hedson Technologies does not take any responsibility for the drums. Follow the solvent supplier's instructions carefully.

## COLLECTING TRAY

The unit must be installed in such a way as to prevent accidental leakage of solvent from spreading into a drain water system, thus representing a hazard to the environment. This can be done by:

- installing the unit in a location where floor and walls can hold any accidental drum leakage, or
- equipping the unit with a collecting tray beneath the solvent drums that is large enough to hold the volume of at least one leaking drum.

## UNPACKING

For instructions, see 'Unpacking Instructions'!

## PLACING THE UNIT

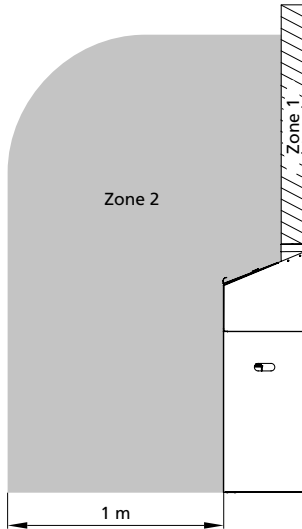
THE TRISK | DEVILBISS TRUCLEAN is equipment Category 2 (ref. ATEX-directive 2014/34/EU) and may therefore be placed in locations classified as Zone 1 (ref. ATEX-directive 1999/92 EC).

TruClean Combo units are marked:



c IIB T6 Max ambient temp: 0-40 °C

If the Trisk | DeVilbiss TruClean is installed in locations classified as Zone 2 or in unclassified locations, the following is valid provided that the ventilation of the unit is installed as described further down in this manual: The space within 1 m of the Trisk | DeVilbiss TruClean is to be classified as Zone 2, and the inside of the ducting as Zone 1.

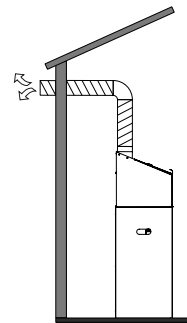


If in any doubt, please contact the local fire service authorities for advice.

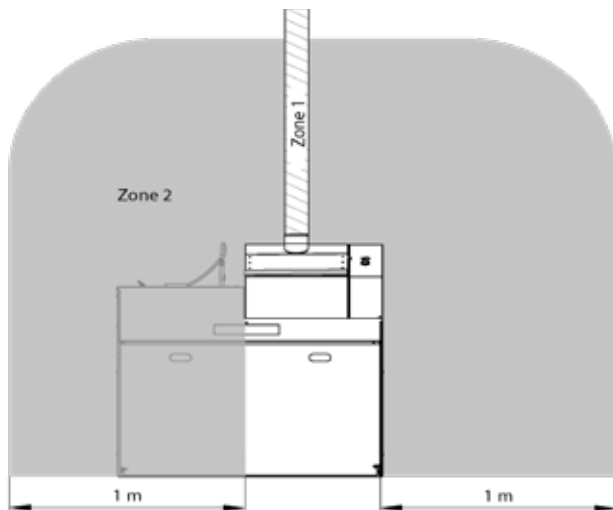
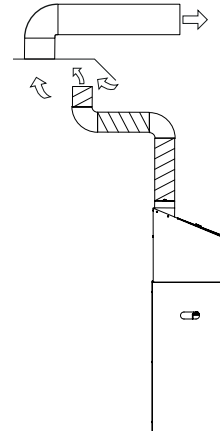
Ventilation

There are two different options for the unit's ventilation:

A) Lead the exhaust outdoors.



B) Lead the metal ducting into a hood that is in turn connected to a suitable ventilation system approved for Zone 1. This hood should have an open design to avoid constant extraction.



Within the classified areas, all equipment such as electrical items must be approved for the Zones described.



**Warning!**

Equipment that generates naked flames or sparks (such as welding or grinding equipment) may **not** be used in this area.



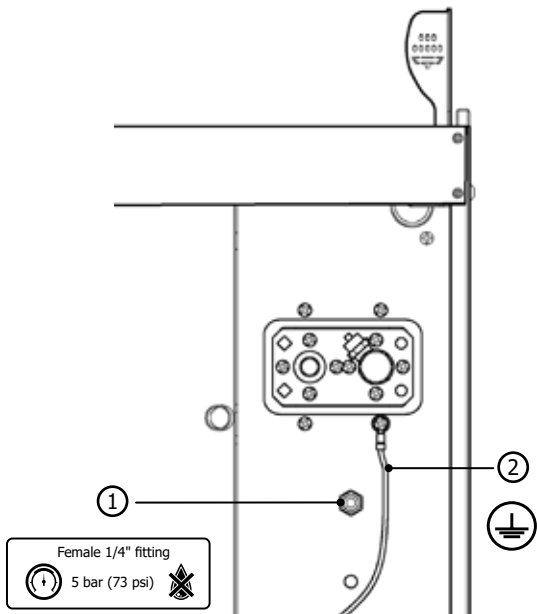
**Warning!**

Smoking is **not** permitted.

The metal ducting may not be longer than 15 metres, and must be connected in such a way as to ensure grounding.

**Compressed air**


The air is to be connected inside the unit.



The compressed air must be clean and dry according to ISO 8573-1, Class 3.4.3 or better. Any pollutions in the compressed air will invalidate any warranty claims.

If it is not first led through a water trap and filter, it may cause damage to the pneumatic components of the unit, which will invalidate any warranty claims.

**Grounding the unit**



**Warning!**

- The unit must be properly grounded to avoid electrostatic discharge.

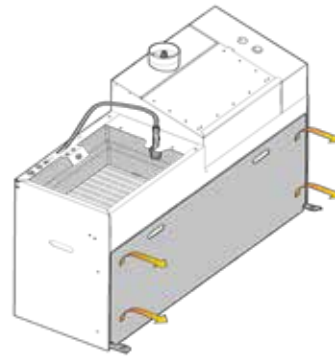
Ground the unit properly using the yellow-green grounding cable. Connect the grounding cable to a proper ground circuit according to local regulations.



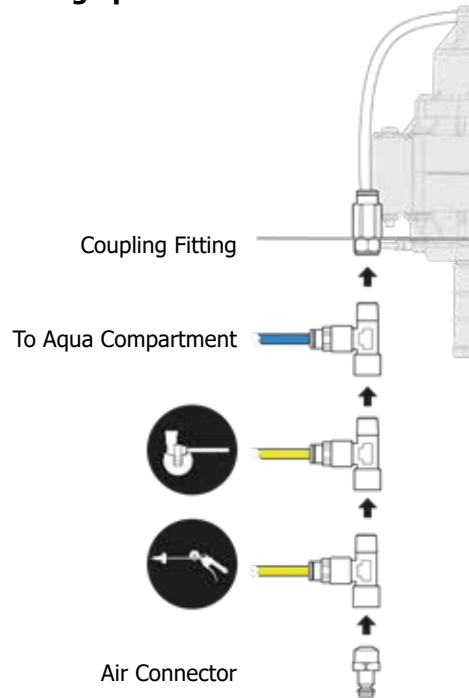
**PREPARATIONS FOR USE**

**Front plate**

For removing the front plate before maintenance, lift and pull, to unhook it completely.



**Connecting optional accessories**



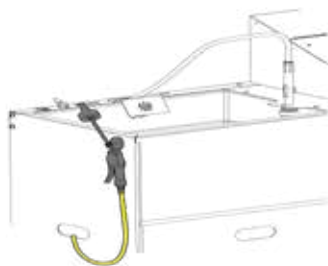
Optional pneumatic (air) accessories are assembled in a series.



**Important!** Use a wrench, to hold the coupling fitting, to prevent it from rotating, while assembling the upper T-coupling.



### Air gun (Optional accessory)



The air gun is used to dry the spray gun after the cleaning procedure. The air line can be placed on either side of the machine attached with its magnet.



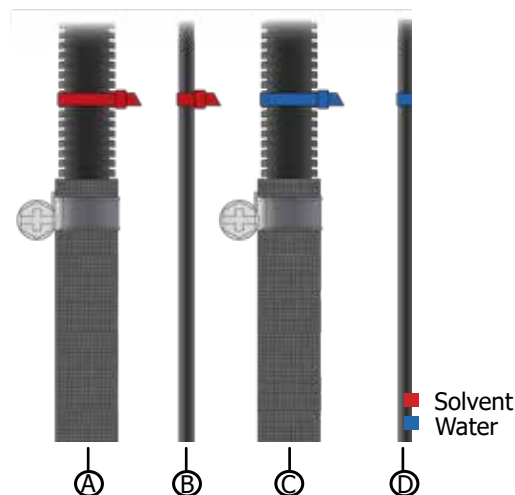
### Air hose (Optional accessory)



The air hose is connected to the air inlet of the spray gun and is used to dry the air passage after the external cleaning procedure.

### Color coding of hoses

Hoses for solvent and water are black and coded with a color tag:



Hose	Description
A	Recirculating Solvent
B	Clean Solvent
C	Recirculating Water
D	Clean Water

### Drum plugs

A selection of tapered plugs are supplied to fit different drum openings.



## PREPARATIONS FOR USE - SOLVENT

### Solvent drums

Two drums are needed, one that is empty, and one that is full of solvent.

Both drums

- must be the same size.
- have to fit inside TruClean.
- must meet the requirements described under chapter PERMITTED SOLVENT DRUMS.
- must be clean on the inside and they must not contain any solids or other objects that could be sucked into the pumps when running.

1. Prepare the solvent drums.



Pour half of the solvent from the full drum to the empty one.

2. Select the plugs that fit best into the opening of the drums.



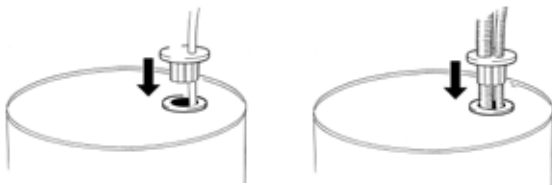
**Note!** Make sure that all hoses are properly led into the drum all the way down to the bottom, and that the opening is well sealed by the tapered plug.

3. Place the two drums in the cabinet on the right side.



The drum to the left will contain the clean solvent. Connect the adapter plug with the single hose to it.

4. Connect the adapter plug with the two hoses to the drum to the right. This drum will contain the recirculating solvent.



The solvent system is now filled-up. Both drums should be half full. When manual rinsing is done, the contents of the left drum will gradually be used up and transferred to the right drum.

1. Prepare the water drums.



2. Select the plugs that fit best into the opening of the drums.



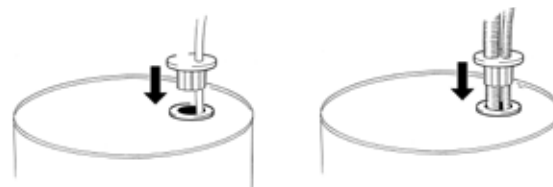
**Note!** Make sure that all hoses are properly led into the drum all the way down to the bottom, and that the opening is well sealed by the tapered plug.

3. Place the two drums in the cabinet on the left side.



The drum to the left will contain the clean water. Connect the adapter plug with the single hose to it.

4. Connect the adapter plug with the two hoses to the drum to the right. This drum will contain the recirculating water.



The water system is now filled-up. Both drums should be half full. When manual rinsing is done, the contents of the left drum will gradually be used up and transferred to the right drum.

## PREPARATIONS FOR USE - WATER

### Water drums

Two drums are needed, one that is empty, and one that is full of water.

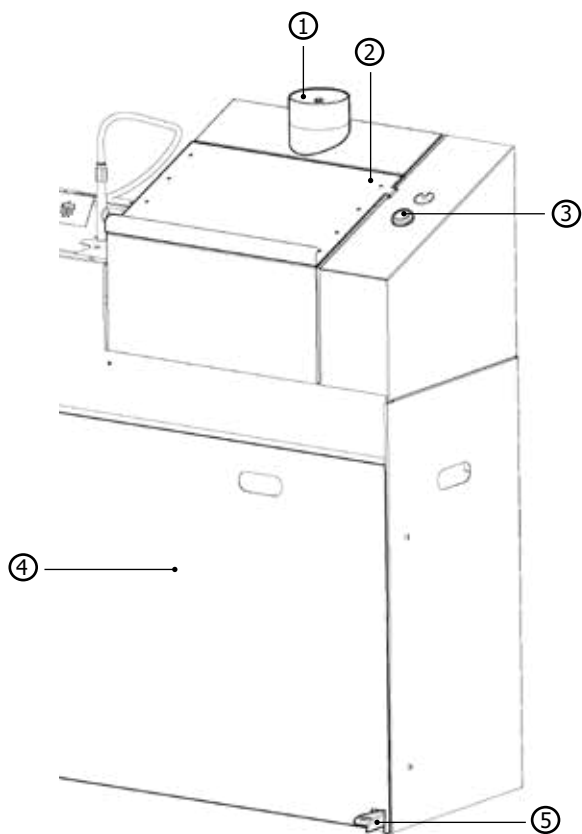
Both drums

- must be the same size.
- have to fit inside TruClean.
- must be clean on the inside and they must not contain any solids or other objects that could be sucked into the pumps when running.

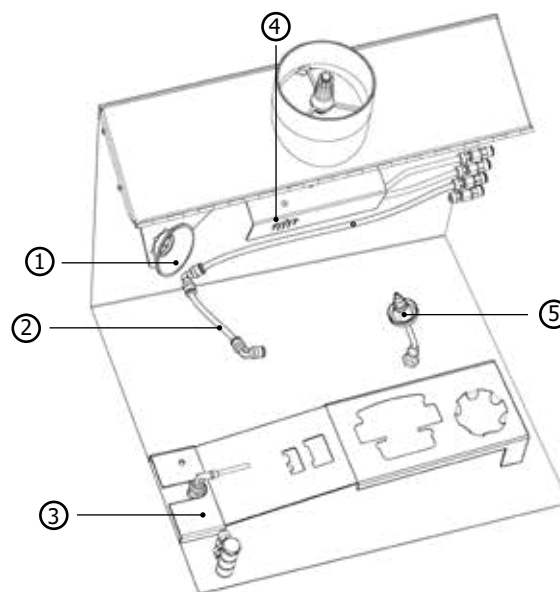


OPERATING INSTRUCTIONS

AUTOMATIC WASH FOR SOLVENT BASED PAINT



Item	Part
1	Ventilation Collar
2	Lid
3	Timer Button
4	Front Panel
5	Pedal

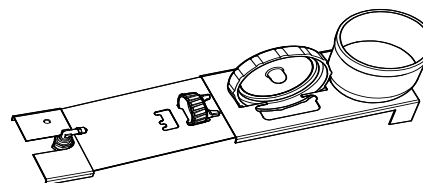


Item	Part
1	Funnel
2	Air Line
3	Cup Lid Holder
4	Nozzle
5	Cone

1. Empty the spray-gun of any residual paint into a separate spills-dish.

2. Place the cup and lid onto the wash compartment.

It is recommended that the spray-gun is dismantled and the parts placed in the washing compartment for best cleaning results.

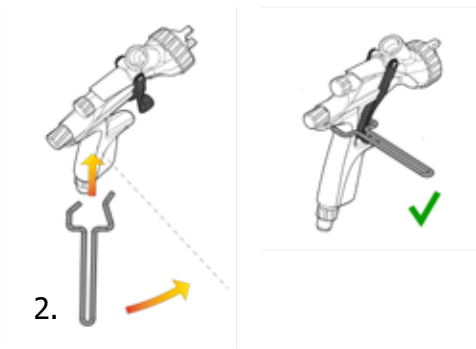


3. Prepare air line. It is used in the automatic wash cycle.

A set of conical plugs are provided. Select the plug that best fit the spray-gun's air inlet, and mount it on the air line.

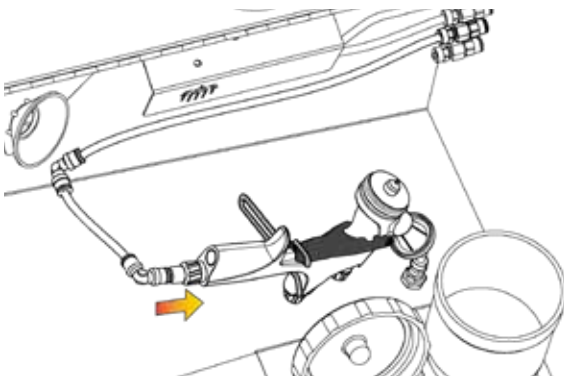


4. Fit the trigger clip:




5. Connect the air line to the gun. The air line prevents solvent from entering the spray-gun's air channels during washing.

6. Place gun on cone.



7. Close the lid, and start the automatic pre-wash cycle by pressing the button. The spray-gun will now be automatically cleaned for approximately 1 minute with circulating solvent.



Automatic cleaning cycle ≈1 minute.

When the cleaning procedure is completed, the lid can be opened and the spray-gun taken out.

**Manual rinsing**

The spray-gun can be manually rinsed with clean solvent if required.

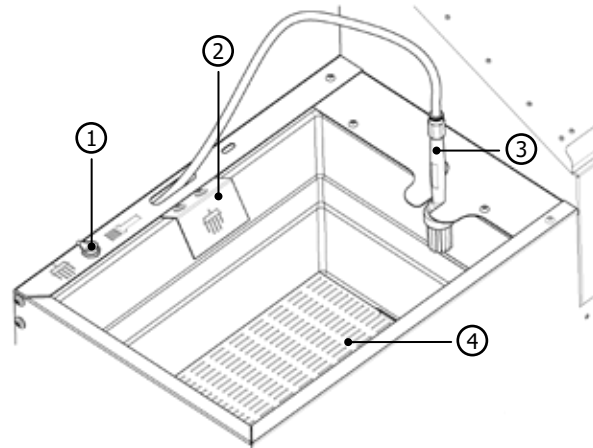
Stepping on the pedal will spray a jet of clean solvent from the nozzle under the lid.

Finally, it is possible to blow out the spray-gun. Connect the spray-gun to the air line (optional), and blow out the spray-gun through the funnel under the lid.

By using this funnel, you prevent the fumes from spreading within the premises.

Close the lid after cleaning.

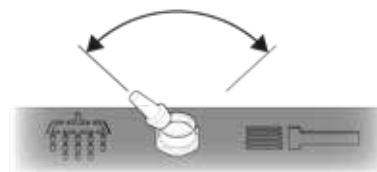
**MANUAL WASH FOR WATER BASED PAINT**





Item	Part
1	Lever Valve (Switch)
2	Clean rinse Nozzle
3	Brush
4	Working platform

**Lever valve (Switch)**

The manual washer is equipped with a lever valve that has two positions.



Symbol	Function
	Clean rinse
	Recirculating water through the brush

1. Make sure that the lever valve is in correct position before pressing the pedal beneath the manual wash compartment. Water will be fed through either the clean rinse nozzle or through the brush.
2. Clean the spray gun with the brush.
3. Rinse the outside of the spray gun under the clean rinse nozzle.
4. Blow the spray gun dry with the air gun (optional accessory).

The brush and clean rinse nozzle can be used independently of the automatic washer.

## FLOCCULATION

The flocculation of recirculated water is made manually. A Flocculation Kit GCC (optional accessory) is needed for the procedure.

1. Prepare the filter holder by putting the thin filter into the thicker one. Then hang the filters over the filter holder.
2. Pour out the recirculated water containing paint residues into one of the two filtrate boxes.



3. Add flocculation powder to the water and stir. Follow the instructions from the manufacturer of the powder. When the paint residues have fallen to the bottom of the box and the water is clear, the separation process is done.



4. Pour the water into the filters to remove the paint from the water.



5. Let the water seep through.

6. Remove the inner filter that contains the paint residues.



7. Pour the filtered water back into a drum for reuse.



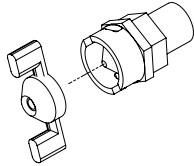
## SERVICE

### Monthly:

- Clean the wash basin

### Monthly:

- Remove the three nozzles in the automatic washer and clean them with clean solvent.



### When changing drums:

- Check and if necessary clean the strainer on the suction hose for circulating solvent and circulating water.

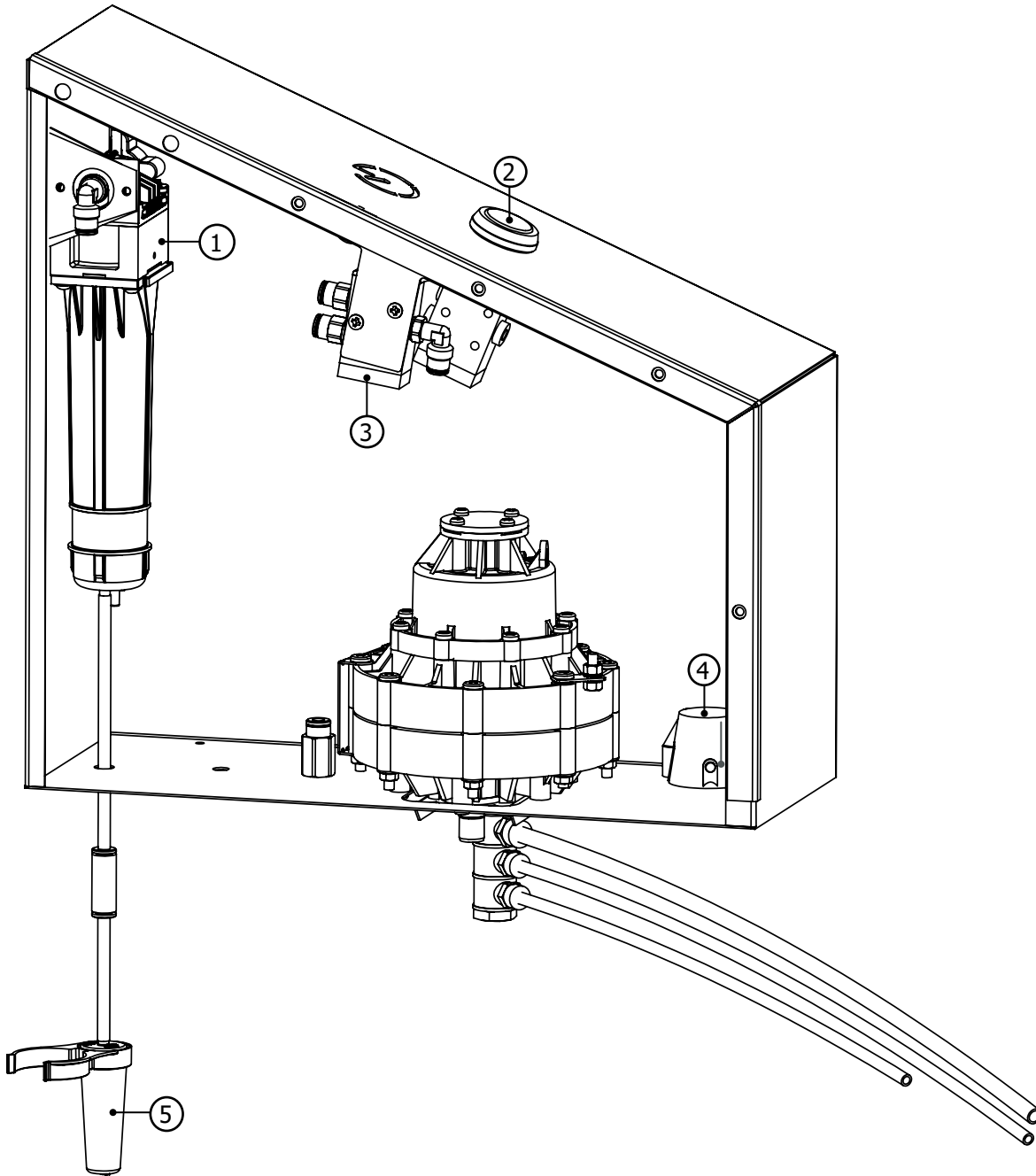
## TECHNICAL DATA

Manufacturer	HEDSON TECHNOLOGIES AB Hammarvägen 4 SE-232 37 Arlöv Sweden Tel.: +46-40- 53 42 00
Type of machine:	Trisk   DeVilbiss TruClean
Permitted solvents:	See section "Permitted Solvents"
Max solvent volume of machine:	20 litres (10 + 10 litres) (Check for local regulations concerning max allowed volume for keeping solvent in the unit)
Maximum drum size:	20 litres
Compressed air needed:	5 bar (72.5 psi) 90 l/min (3 cfm) pump only 370 l/min (14 cfm)
Ventilation capacity required:	200-500 m <sup>3</sup> /h (118-294 cfm) -> 0,2-0,5 m/s (0,7-1,6 fps)
Pump capacity:	10 l/min
Solvent pressure	2 bar (30 psi)
Weight	35 kg (77.2 lb)
Overall dimensions:	Height: 1120 mm (44.1") Width: 1120 mm (44.1") Depth: 385 mm (15.2")
Extractor diameter:	100 mm (3.9")
Sound pressure level:	<70 dB(A)



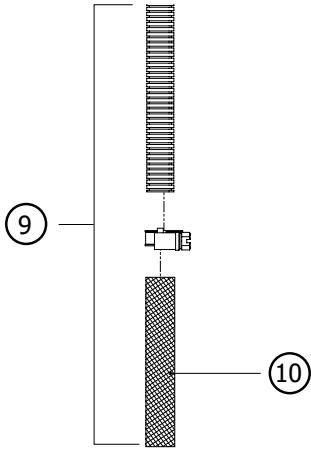
## TROUBLESHOOTING

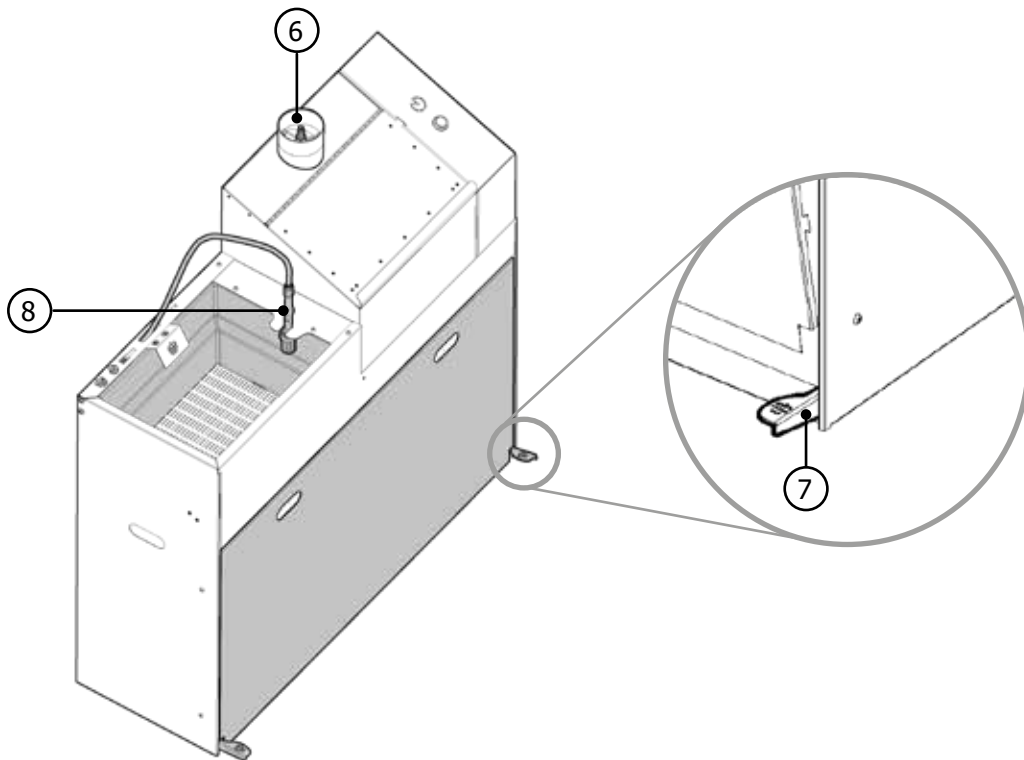
General Fault	Cause	Correction	Corresponding Item/ Part
Limited or no flow during wash cycle	Limited or no flow during wash cycle	Clean or replace sieve	⑪
	Suction hose does not pick up solvent due to leakage or empty solvent drum	Check suction hose for leaks	⑩
	Spray nozzles in wash basin blocked	Remove and clean nozzles	
	Check valves in pump not sealing or blocked	Remove pump connectors and clean valves/remove obstacles. Re assemble according to picture	
Pump does not stop after 1,5min	Timer air leak unit blocked	Replace Timer leak unit	⑤
	Start valve leaking continuously	Replace start valve	②
Pump not operating	Check air pressure and feed hose	Secure air pressure of 5-6 bar (72-87 PSI)	
	Check start valve function	Replace start valve	②
	Lid tab not reaching safety valve	Check for damages on lid tab	
Ventilation does not start when opening lid	Safety valve malfunctioning	Replace safety valve	③
Manual spray nozzle in wash basin not functioning when pressing pedal	Spray valve not opening	Check pedal and push rod function Replace spray valve or gas pedal assembly	④
Manual spray nozzle not spraying solvent	No solvent pick-up by 6mm suction hose	Check that hose reaches down into solvent drum	
	Nozzle blocked by debris	Remove 6 mm suction hose from drum and use air gun to back flush nozzle	
Extraction not efficient	Air line / Air feed / Air pressure limits	Ensure proper air feed to unit according to technical data	
	Ventilation nozzle is blocked, For example by paint build up	Replace nozzle	⑥


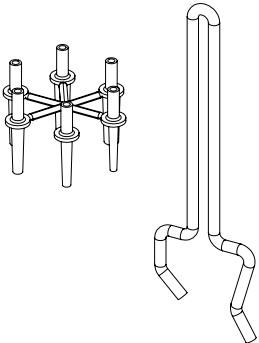
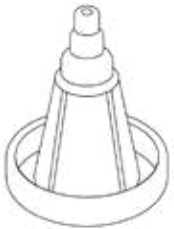

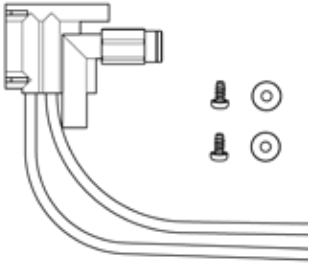
SPARE PARTS



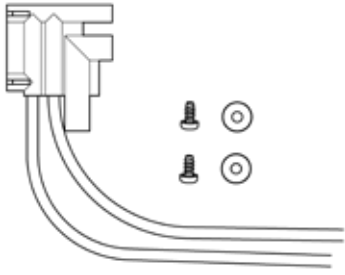


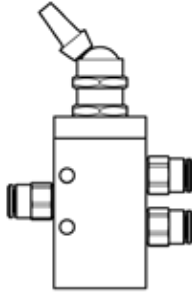
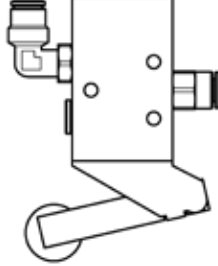

	Art. No.		Name
①	410-2000	US 992000	Timer
②	410-2001	US 992001	Start Valve
③	410-2002	US 992002	Safety Valve
④	410-2003	US 992003	Pedal Hose
⑤	410-2004	US 992004	Capillary Unit (Black)

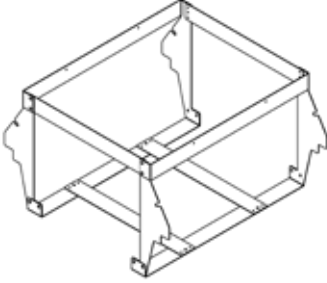
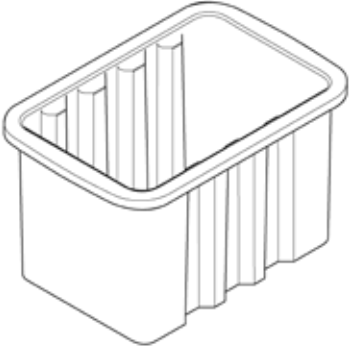

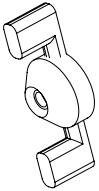
	<p>⑥</p>	<p>410-2008</p>	<p>US 992008</p>	<p>Ventilation Nozzle</p>
	<p>⑦</p>	<p>410-2006</p>	<p>US 992006</p>	<p>Pedal Assembly</p>
	<p>⑧</p>	<p>410-2020</p>		<p>Brush GCC</p>
	<p>⑨</p>	<p>410-2007</p>	<p>US 992007</p>	<p>Suction Supply Assembly</p>
	<p>⑩</p>	<p>410-2011</p>	<p>US 992011</p>	<p>Sieve</p>




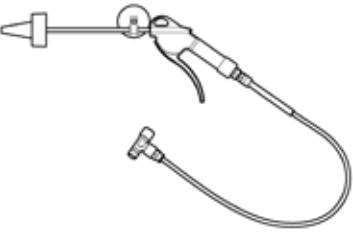

	<p>410-2028</p>	<p>US 992028</p>	<p>Pedal Assembly Left GCC</p>
	<p>410-2009</p>	<p>US 992009</p>	<p>Gunclip Accessories</p>
	<p>410-2012</p>	<p>US 992012</p>	<p>Cone</p>
	<p>410-2021</p>	<p>US 992021</p>	<p>Hose &amp; Coupling for Brush GCC</p>
	<p>410-2022</p>	<p>US 992022</p>	<p>Nozzle Assembly for Brush GCC</p>



	410-2023	US 992023	Nozzle Assembly for Clean Rinse GCC
	410-2024	US 992024	Suction Hose Clean Water GCC
	410-2025	US 992025	Suction Hose Rec Water GCC
	410-2026	US 992026	Lever Valve with Couplings GCC
	410-2027	US 992027	Roller Lever Valve with Couplings GCC
	410-2029	US 992029	Wash Basin GCC

	410-2030	US 992030	Filter Holder GCC
	410-2031	US 992031	Filtrate Box GCC
	410-2013	US 992013	Side-Cup Adapter
	410-2014	US 992014	Wash Bay Nozzle Pack (5)

## ACCESSORIES

	Art. No.		Name
	410-2010	US 992010	Air Hose Magnet Trisk
	410-2033	US 992033	Blow Gun with Magnet GCC
	410-2032	US 992032	Flocculation Kit GCC

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## WARRANTY POLICY

This product is covered by Carlisle Fluid Technologies' materials and workmanship limited warranty. The use of any parts or accessories, from a source other than Carlisle Fluid Technologies, will void all warranties. Failure to reasonably follow any maintenance guidance provided may invalidate any warranty.

For specific warranty information please contact Carlisle Fluid Technologies.

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For technical assistance or to locate an authorized distributor, contact one of our international sales and customer support locations.

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16430 North Scottsdale Rd., Suite 450 Scottsdale, AZ 85254 USA