

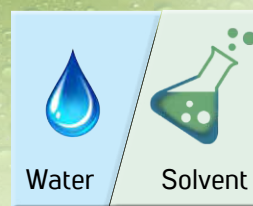


GWM 300



ACCESSORIES INCLUDED / OPTIONAL

- ✓ Adapter tubes and fitters
- ✓ Trigger holding clamp
- ✓ Exhaust for solvent fume extraction (1)
- ✓ "Blue Filter" kit (optional)
- ✓ Instruction Manual



- Warranty
- Safety

- Operation
- Service Parts

- Accessory Information
- Registration Form

Part # 350300

CE  II 2G T6

INSTRUCTION MANUAL

2018-09-20

TABLE OF CONTENTS

	Page
SETTING THE MACHINE UP.....	3
INSTALLATION OF CONTAINERS.....	4
EXHAUST INSTALLATION.....	5
AIR INLET CONNECTION.....	5
OPERATING THE CLEANER.....	6
OPERATING THE CLEANER (CONT'D).....	7
HEALTH & SAFETY DATA SHEET.....	9
INSTALLATION FITTINGS.....	10
PARTS AVAILABLE.....	10
AIR INLET.....	10
TECHNICAL SPECIFICATIONS.....	10
ISTPURE LIMITED WARRANTY.....	11
WARRANTY REGISTRATION.....	11

SETTING THE MACHINE UP

PLEASE NOTE

We advise using an air, dirt and water trap filter at the air inlet at the cleaner. This will protect the valves and cylinder from dirt and water contamination.

It is possible to obtain 100/150 gun washes from a 5 gal drum of solvent but results may vary upon how much paint material is left in your spray gun cup. We recommend regular changing of the solvent to ensure absolute cleanliness of your spray gun.

- Position machine in a well ventilated area. The extraction outlet will accept 3" hose and should be connected to an existing system or taken to the external part of a building and vented via the atmosphere.
- Connect the machine to the air supply. All air connections are located on the right hand side of the machine when viewed from the front.
- Connect earth wire on rear of machine to suitable earthing point.

Air Supply Pressure: 76 to 100 psi. Thread size: 1/4" NPT

MAINTENANCE SCHEDULE

Frequency	EVERY MONTH
Action	<ul style="list-style-type: none"> • Add two drops of air tool oil into the air side of the two pumps inside the machine. • Check the dirt and water trap and empty when necessary. DO NOT ALLOW THIS TO FILL AND BLOCK.

Frequency	EVERY 1 - 3 MONTHS
Action	<ul style="list-style-type: none"> • Change the paint trap filter depending of contamination found under the work screen in the cleaning tank.

Frequency	EVERY 6 MONTHS
Action	<ul style="list-style-type: none"> • Change the little blue filter cartridge (inline filter) or sooner depending on contamination; find the little blue filter in the base of the machine.

INSTALLATION OF CONTAINERS

WARNING

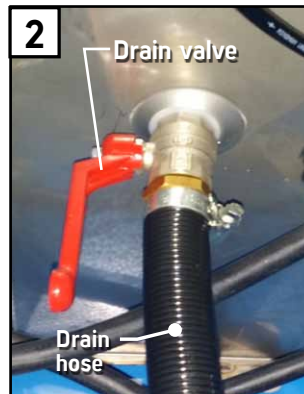
DO NOT SMOKE OR USE OPEN FLAME NEAR CABINET.

In order to use the clean rinse feature, you will need one 5 gal drum and one 1.3 gal empty container.



1. Fill a 5 gal drum with clean solvent or water, For waterborne cleaning, add 1 x 3.4 oz bottle of water-based cleaner in the drum

2. Transfer 1.3 gal of cleaning fluid from the drum into the 1.3 gal container [1]



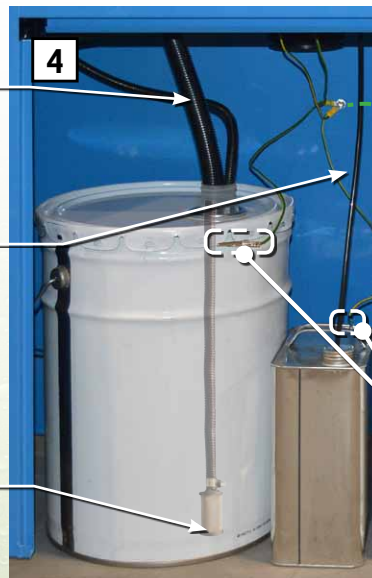
3. Locate the drain valve lever under the machine and turn lever to vertical position [2]

4. Insert hose with suction filter into the 5 gal drum and enter drain tube [3-4].
5. Push the 5 gal drum under machine aligning filler neck with bottom part of flexible hose [3-4].
6. Place the full 1.3 gal container under the centre of the machine next to the 5 gal drum and insert the black ¼" nylon tube [3-4].
7. For solvent-based cleaning, installation of ground wire is required. Connect ground wires equipped with crocodile clamp located inside the machine to any metal solvent containers if used. The machine must also be grounded on a metal structure using the green ground wire located at the back as shown on the picture below [4].

WATER



SOLVENT



Crocodile clamp



EXHAUST INSTALLATION

All exhaust have been removed for shipment.

Solvent Cleaning Setup

By default, the washer is set for solvent cleaning. The ventilation fume extraction system will activate upon opening of the lid to prevent users from being exposed to solvent fumes. **(Fig.2-3)**

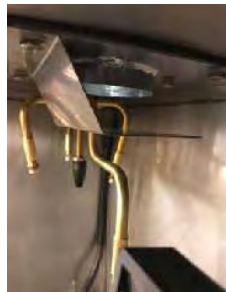


Waterborne Cleaning Setup

To set up the washer for waterborne cleaning, simply replace the air nozzle with the cap. This will disable the ventilation system and reduce power consumption and maintenance costs of the washer.

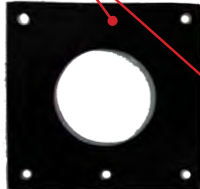


Mount exhaust as shown in this picture, dome nuts and spring washers on the top of the tank.



Inside the tank fit the neoprene gasket in between the exhaust and tank and fit the baffle last.

Gasket & hardware
Fig. 1



Exhaust pipe



1. Fix the exhaust pipe on top of the cabinet using supplied hardware and gasket **(Fig.1)**.

Fig. 2

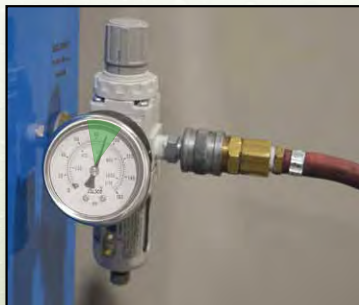
Fume extraction air jet



Air hose

2. Insert the ventilation fume extraction air jet inside the exhaust pipe **(Fig.2-1)** and fix it to the air hose using a flat wrench **(Fig.2-2)** until it is firmly screwed in place **(Fig.2-3)**.

AIR INLET CONNECTION



We strongly recommend using a dirt / water trap and an air pressure regulator when using your GWM 300.

The pressure regulator and filter should be installed on the compressed air inlet of the cleaner as shown in the picture.

The air pressure should be set between **76 and 100 psi**.

AIR EXHAUST INSTALLATION



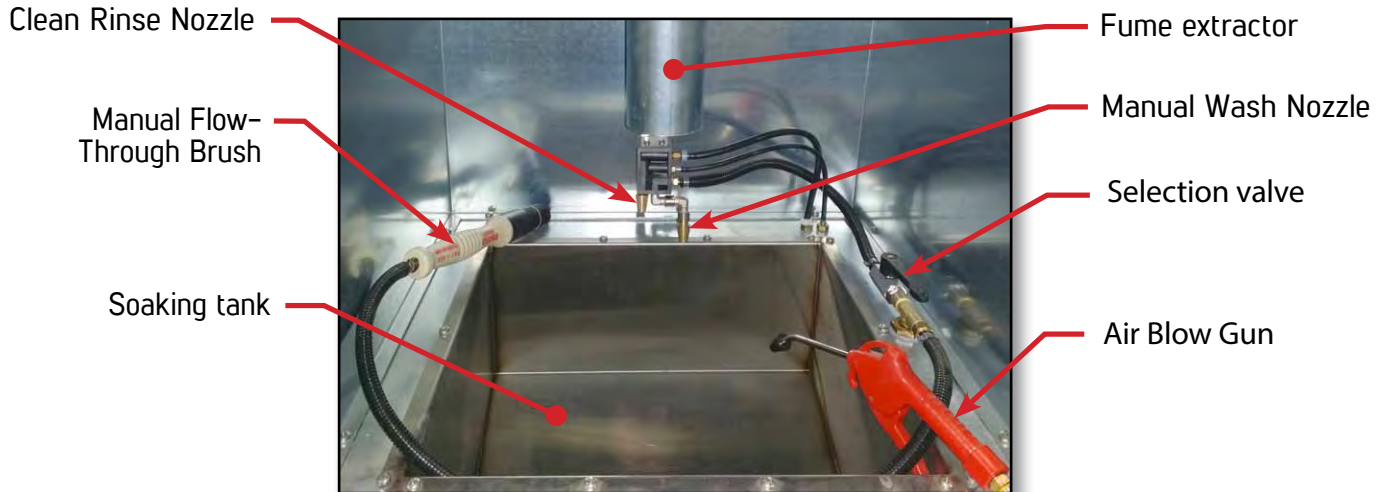
Evacuate fume outside of the building or link the exhaust to the building air evacuation system using a 3" flexible aluminum duct.

No additional ventilation system required.

OPERATING THE CLEANER

PLEASE NOTE

For best results spray guns should be cleaned as soon as possible after use.

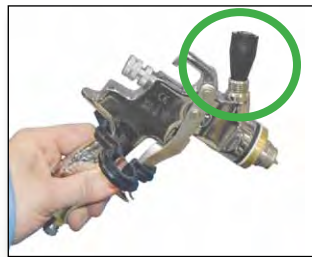


Turn AIR VALVE to ON when using the washer. This activates the ventilation fume extraction air jet to ensure the operator is not exposed to solvent fumes.

Lock the spray gun using supplied trigger clip.



For an efficient cleaning, ensure the spray gun is well positioned under the cleaning nozzle.



For the most efficient clean, ensure the spray gun and cup are emptied from any residual paint prior to use the GWM 300 cleaner. We recommend to keep a waste paint drum beside the machine to reclaim waste paint.

1. Empty the paint cup and remove it from the spray gun (A).
2. Remove the air cap and disassemble small parts from the spray gun (B).
3. Blow air through the spray gun to remove any residual paint inside (C).



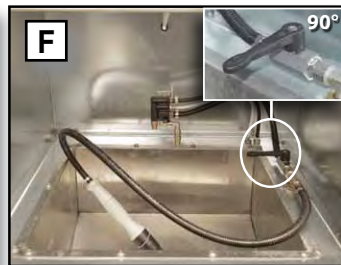
OPERATING THE CLEANER (CONT'D)

MANUAL WASH

1. Turn ON the MANUAL WASH valve to feed the washer with fluid. CLEAN RINSE valve should be set to OFF [D].



2. To use single square nozzles, turn the selection valve along the hose (0 degree) [E].
3. To use only the manual flow-through brush, turn the selection valve 90 degrees [F].
4. Clean inside of the spray gun using the lower nozzle [G]
5. Clean the spray gun surface and the paint cup using manual flow-through brush [H].



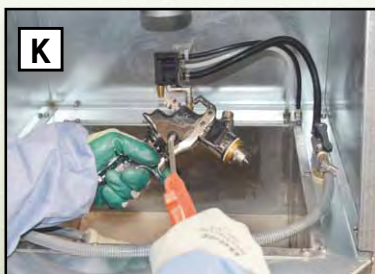
CLEAN RINSE

6. Turn ON CLEAN RINSE valve and OFF MANUAL WASH valve [I]. This interrupts supply from main container and enables supply from clean fluid container.
7. Rinse inside of the spray gun using the upper nozzle. [J]



DRYING

8. Blow air inside and outside of the spray gun using the air blow gun on the side of the washer to dry liquid residues [K].



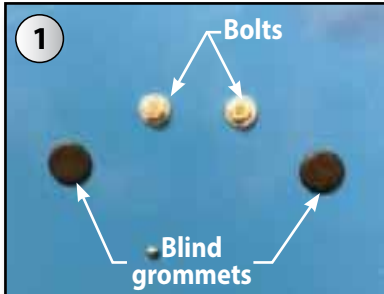
OPTIONAL BLUE FILTER



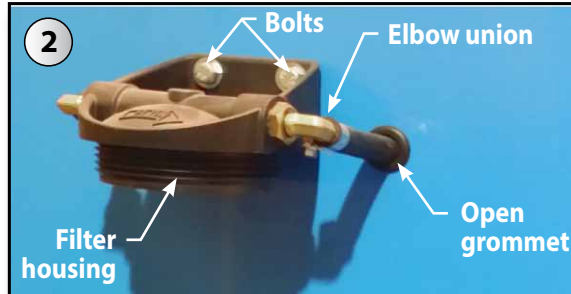
« BLUE FILTER » FILTRATION SYSTEM

The optional inline filtration system “Blue Filter” enhances the cleaning performance of the washer, increases its life span, lower its maintenance, and reduces wastes by filtering out paint solids from washing fluid.

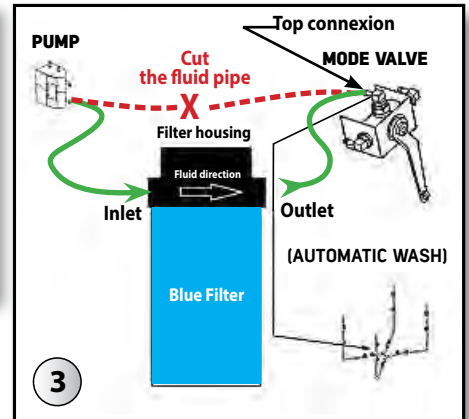
INSTALLATION



Filter mounting right hand



Fitting the filter housing



3

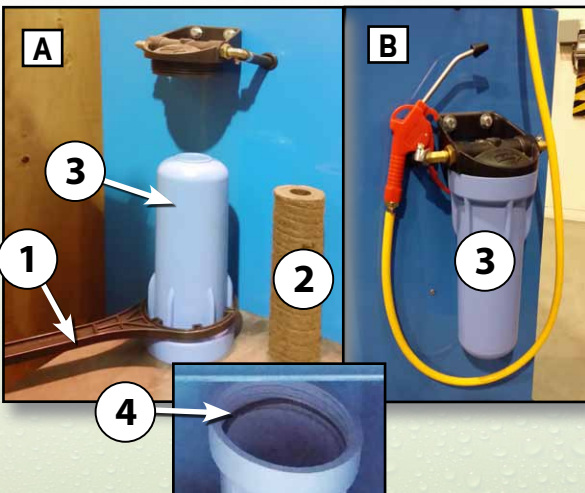


Fluid pipe

4

- Fit the elbow unions to the filter using a suitable thread sealant
- Remove the blind grommets and replace with the open grommets ①
- Unfasten the bolts
- Fit the filter housing and fasten the bolts ②
- Locate the fluid pipe between the pump and the selection mode valve
- Cut the fluid pipe ④ leaving sufficient length to reach from the pump to the filter and from the filter to the mode valve ③
- Connect the pipe from the pump to the inlet of the filter using hose clamp (not supplied by IST) ③
- Connect the pipe from the mode valve to the outlet of the filter using hose clamp (not supplied by IST) ③

REPLACEMENT OF THE OPTIONAL "BLUE FILTER" CARTRIDGE





- Take the cartridge key (1) and gently unscrew the blue cap off the filter.
- Remove the old cartridge and place a new one (2) into the blue cap (3).
- Ensure the O-ring seal (4) is properly in place and screw the blue cap on the thread and screw it firmly in place using the cartridge key.
- The cartridge (3) must be in place as shown on the picture B.

<p>PRODUCT NAME USES</p>	<p>Removal of paint from paint spray guns, cups and hoses.</p>
<p>GENERAL PRECAUTIONS</p>	<p>Before operating this spray gun washer, operators must be familiar with the correct operating procedures as detailed in the manufacturer’s Instruction Manual.</p> <p>Do not tamper with the safety lid switch, which prevents the unit operating in the cleaning mode when the lid is open.</p> <p>Close drain valve and close lid when the unit is not in use. All solvent should be drained from the cleaning tank before closing the drain valve.</p> <p>Inspect solvent storage compartment daily to ensure there is no leaks from the solvent containers.</p> <p>Replace solvent filter pad frequently (bimonthly replacement of the filter pad is recommended)</p> <p>Always disconnect the air source before performing maintenance tasks.</p>
<p>FIRE HAZARDS</p>	<p>Do not smoke or use other ignition sources near the cabinet. E.g. no hot work, such as welding.</p>
<p>HEALTH HAZARDS</p>	<p>The cleaning solvent used will contain substances hazardous to health, typically acetone, methanol, white spirit, xylene and toluene. Air monitoring carried out with a recommended cleaning thinner has shown that concentrations do not exceed exposure limits. Levels were less than 50% of the mixed short-term exposure limit when the lid was open for removal of the spray gun, cups and hoses and just 6% of the limit during the cleaning cycle. Substances in the solvent however can be absorbed through the skin, see personal protection equipment.</p>
<p>VENTILATION</p>	<p>A local exhaust ventilation system as supplied with the machines, should be installed so that vapours are safely vented to atmosphere away from windows and other air inlets.</p>
<p>PERSONAL PROTECTION EQUIPMENT</p>	<p>Suitable gloves must be worn when replacing and removing spray guns from the cleaning machine. Most glove manufacturers recommend Nitrile gloves for the solvent xylene and toluene, which can be absorbed through the skin.</p>
<p>WASTE DISPOSAL</p>	<p>Waste solvent must be removed by a registered carrier to a disposal or recovery facility licensed to receive waste solvent.</p>
<p>EMERGENCY ACTION</p>	<p>FIRE In case of fire, use a form of dry powder extinguishing agent. Cool solvent drums exposed to fire with water spray.</p> <p>FIRST AID Eye contact with solvent- irrigate with clean water. Skin contact with solvent remove contaminated clothing, wash skin thoroughly with soap and water. Excess inhalation of solvent vapours – Remove to fresh air, seek medical attention</p> <p>Accidental Ingestion – Do not induce vomiting, seek medical attention.</p> <p>SPILLAGE OF SOLVENT Contain and collect with non-combustible materials E.g. sand and earth. Do not allow to enter drains. Exclude sources of ignition. Ventilate area.</p>

PARTS AVAILABLE

AIR INLET

Description	Pressure Gauge	¼" Pressure Regulator with filter
Product No.	311002	324562
Visual		

INSTALLATION FITTINGS

Description	3" Angle Flange	3" Angle Flange Flat	6" to 5" Reducer	3" Flange Flat	5" to 3" Reducer
Product No.	324468	324469	324470	324471	324472
Visual					

TECHNICAL SPECIFICATIONS

Washing Station(s)	1 Manual
Washing Station Capacity	1 Paint Gun / 1 Cup
Dimensions (H x W x D)	60" X 21" X 15 ¾"
Weight	104 lb
Air input	76/100 psi
Air input connection	¼" NPT
Warranty Parts / Pump	2 years / 5 years
Product No.	350300

ISTPURE LIMITED WARRANTY

IST warrants all equipment led in this manual which is manufactured by IST and bearing its name, to be free from defects in material and workmanship on the date of sale by an authorized IST distributor to the original purchaser for use. Notwithstanding any special, extended or limited warranty published by IST will, for a period of TWELVE (12) months from the date of sale, repair or replace any part of the equipment determined by IST to be defective. This warranty applies only when the equipment is installed, operated and maintained in accordance with IST's written recommendations.

This warranty does not cover, and IST shall not be liable for general wear and tear, or any malfunction, damage or wear caused by faulty installation, misapplication, abrasion, corrosion, inadequate or improper maintenance, negligence, accident, tampering, or substitution of non-IST component parts. Nor shall IST be liable for malfunction, damage or wear caused by the incompatibility with IST equipment with structures, accessories, equipment or materials not supplied by IST, or the improper design, manufacture, installation, operation or maintenance of structures, accessories, equipment or materials not supplied by IST.

This warranty is conditioned upon the prepaid return of the equipment claimed to be defective to an authorized IST distributor for verification of the claimed defect. If the claimed defect is verified, IST will repair or replace free of charge any defective parts. The equipment will be returned to the original purchaser, transportation prepaid. If the inspection of the equipment does not disclose any defect in material or workmanship, repairs will be made at a reasonable charge, which charges may include the costs of parts, labor, and transportation.

THIS WARRANTY IS EXCLUSIVE, AND IS IN LIEU OF ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO WARRANTY OF MERCHANTABILITY OR WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE.

IST's sole obligation and the buyer's sole remedy for any breach of warranty shall be as set forth above. The buyer agrees that no other remedy (including, but not limited to, incidental or consequential damages for lost profits, lost sales, injury to person or property, or any other incidental or consequential loss) shall be available. Any action for breach of warranty must be brought forward within one (1) year of the date of sale.

IST MAKES NO WARRANTY, AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, IN CONNECTION WITH ACCESSORIES, EQUIPMENT, MATERIALS OR COMPONENTS SOLD BUT NOT MANUFACTURED BY IST. These items sold, but not manufactured by IST (such as electric motors, switches, hose, etc.), are subject to the warranty, if any, of their manufacturer. IST will provide the purchaser with reasonable assistance in making any claim for breach of these warranties.

LIMITATION OF LIABILITY

In no event will IST be liable for indirect, incidental, special or consequential damages resulting from IST supplying equipment hereunder, or the furnishing, performance, or use of any products or other goods sold hereto, whether due to a breach of contract, breach of warranty, the negligence of IST, or otherwise.

Report all accidents or "near misses" which involve IST products to :
- Technical Assistance

The following items are not covered under the IST warranty policy :
- Parts or chassis replacement due to normal wears.

Report all accidents or negligence involving IST products to our Service Department :

1 877 629-8202

WARRANTY REGISTRATION

ISTpure would like to thank you for your recent purchase of our product line. Please complete the card below and either mail or fax it to our office so that we may start the warranty of your product and keep you up to date on the EPA regulations by fax. Again, thank you for your purchase and if you have any suggestions or comments, please feel free to contact our office.

COMPANY NAME : _____

ADDRESS : _____

CITY : _____ STATE/PROV. : _____

COUNTRY : _____ POSTAL/ZIP CODE : _____

CONTACT : _____

TEL. NUMBER: _____ FAX NUMBER: _____

PURCHASE FROM: _____

DATE OF PURCHASE: _____
Month Day Year

SERIAL NUMBER: _____ MODEL NUMBER: 350300

TYPE OF FLUID USED: _____

Which factors most influenced your decision to purchase this ISTpure unit?

SUGGESTIONS ABOUT THE EQUIPMENT:

IMPORTANT! Please complete and return within 30 days after purchase to activate the warranty.

PLEASE SEND THE COMPLETED FORM VIA EMAIL OR FAX TO :
INFO@ISTSURFACE.COM OR 450-963-5122

