CARE & MAINTENANCE

ALWAYS USE HEAVING LINE

Never use the hoses to raise or lower the PowerWand.
Always lower the wand with the tip facing upwards.

FLUSH PUMP & HOSES AFTER USE

1. Pump FRESH water through system to flush pump and hoses after each use.
2. Drain as much water as possible from hoses before putting away in storage.

WIPE DOWN POWERWAND AFTER USE

1. Disassemble the PowerWand by removing sections from each other.
2. Spray RBM HoldWash-HD (10:1 mixture) onto each PowerWand section. (If HoldWash-HD not available, use a mild degreaser instead.)
3. Let sit for one minute, then wipe clean.
4. If inside of tubes require cleaning, spray HoldWash-HD (10:1) inside the tubes.
5. Insert a rag into each section and push through with a bamboo pole.

STORAGE INSTRUCTIONS

Store in a heated storage locker. Never store in freezing conditions.

TROUBLESHOOTING

PROBLEM:	**NO SUCTION**
CAUSE:	Air in Pump and/or Hoses
SOLUTION:	Reprime the Pump
INSTRUCTIONS:	Before repriming, check to make sure the suction hose is submersed in the liquid. To reprime, remove suction hose from liquid and let pump run until mostly empty. Turn pump off. Protect eyes and disconnect outlet hose. Insert suction hose into liquid. Stand away from pump. Turn on pump for about 2 seconds, or until liquid fills up suction hose. Reconnect outlet hose to pump. Continue using.
PROBLEM:	**LOW PRESSURE**
CAUSE:	Regulator Turned Down / Compressor Too Low
SOLUTION:	Adjust Regulator / Increase Outflow at Compressor
INSTRUCTIONS:	While pump is operating, adjust regulator to between 90 - 100 psi. If pressure is still low, then the outflow must be increased from the engine room. If more pressure is not available, then try priming the pump first before attaching the outlet hose.
PROBLEM:	**LEAKING FLUID (at Suction Inlet)**
CAUSE:	Washer Missing / Connection is not Tight
SOLUTION:	Replace Washer / Tighten Connection
PROBLEM:	**LEAKING AIR (at Back of Pump)**
CAUSE:	Bolts are Loose
SOLUTION:	Tighten Bolts
INSTRUCTIONS:	Use a 1/2” wrench to tighten the silver bolts on diaphragm cover. Be careful to not over-tighten, which can cause the plastic to crack.
PROBLEM:	**PUMP IS VERY LOUD**
CAUSE:	Broken Muffler cause by Accidental Contact or Over-Tightening
SOLUTION:	Use Pump without Muffler or Order New Muffler
INSTRUCTIONS:	Pump will operate normally without a muffler, but will be very loud. A new muffler can be ordered from RBM HoldSolutions if required.

RBM Application Set AS-A036

CONTENTS


AS-P515
RBM Application Pump


AS-H38-150
Outlet Hose (150 Feet)

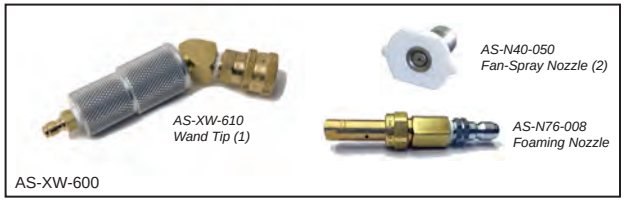

AS-H34-010
Suction Hose


AS-H38-003
Air Operation Hose


AS-H38-040
Wand Hose (40 Feet)


AS-W606
RBM PowerWand - 40’ (Packaged Separately)


AS-XW-601
Support Belt



AS-XW-600
Nozzle Package

RBM HOLDSOLUTIONS
– ESTABLISHED 1999 –
www.holdsolutions.com
+1-604-531-8333 (24 hrs)

ALSO AVAILABLE


A/S Repair Kit
AS-XP730
Pump & Hose Fittings, Air Filter, Regulator & Diaphragm Repair Kit


A/S Spray Kit
AS-XP740
Wand Tip, 3 Nozzles, Support Belt, 3 Splash Goggles & 3 Particle Masks


Protective Clothing Kit
AS-PC101
6 Splash Goggles, 6 Particle Masks, 6 Nitrile Gloves & 6 Hooded Coveralls

1. PREPARATION

Unpack the equipment and identify all parts to be assembled. Unroll all hoses. Find a solid and sturdy surface for the pump on deck near the cargo hold where it will be used.

In addition to the items supplied, you will also need an Air Hose, a Heaving Line (for lowering the PowerWand), a clean bucket of fresh water (for flushing pump and hoses after use) and some twine (for securing hoses).

2. CONNECT SUCTION HOSE

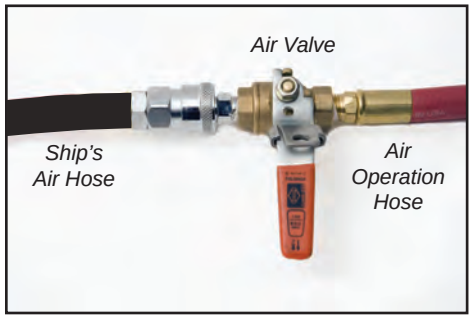
Connect blue suction hose (10 feet) to pump. Make sure connection is hand-tight. Do NOT use a wrench.

3. INSERT SUCTION HOSE

Insert the opposite end into the drum opening. If opening is too small, simply remove the suction filter. To prevent curling, tie the hose to a stick.

4. CONNECT AIR HOSE

Connect the Air Operation Hose (included with RBM Application Set) to the pump.

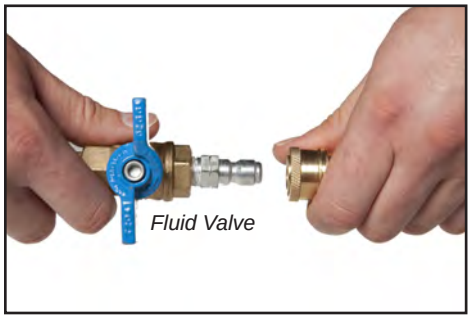


5. CONNECT AIR HOSES

Connect the Air Operation Hose to the Ship's air hose. If the connections are not compatible, use the hosebarbs (supplied with the Air Operation Hose) instead.

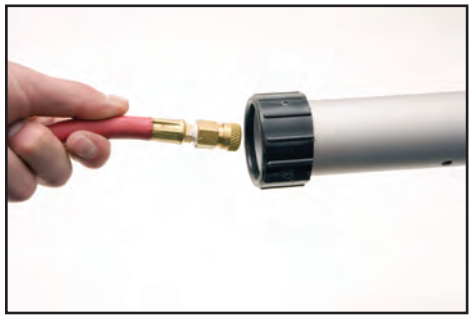
6. CONNECT OUTLET HOSE

Connect the Outlet Hose (150 feet) to the pump. Use twine or rope to secure the Outlet Hose to a solid fixture, to relieve pressure on the pump connections.



7. CONNECT HOSES

Connect the Outlet Hose (150 feet) to the Wand Hose (40 feet). Turn fluid valve OFF.

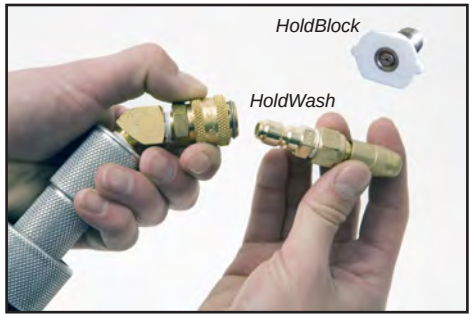


8. FEED WAND HOSE

Feed the Wand Hose through the inside of the PowerWand. Do NOT extend the PowerWand yet. Twist gently if blocked.

9. CONNECT WAND TIP

Connect the Wand Tip to the Wand Hose. Set the Wand Tip into the top of the PowerWand and tighten the nut by hand. Do NOT use a wrench.



10. CONNECT NOZZLE

Connect the white Fan-Spray Nozzle to apply RBM HoldBlock, or connect the Brass Foaming Nozzle to apply RBM HoldWash-HD. Turn clockwise for a fine mist, or counter-clockwise for jet spray.

11. LOWER WAND INTO HOLD

Always use a heaving line. Never use the hoses to raise or lower the wand. Always make sure tip is facing upwards.

12. TURN ON AIR SUPPLY

Open ship source and turn air valve ON. Test the pump to ensure there are no air or fluid leaks.

13. ADJUST PRESSURE

Adjust the air pressure gauge to between 90 and 100 psi, if necessary. If pressure does not increase at the pump, then increase the air pressure supply from the engine room.

14. ENTER CARGO HOLD

Three crew members are recommended for using the RBM Application Set. One crew should remain on deck to monitor the pump. One crew should hold the hoses and operate the fluid valve inside the cargo hold. The last crew member should control the direction of spray with the PowerWand.

15. BEGIN SPRAYING

Extend PowerWand to desired height. Turn fluid valve ON to begin spraying.

A heaving line can be used to support the weight of the wand from above.