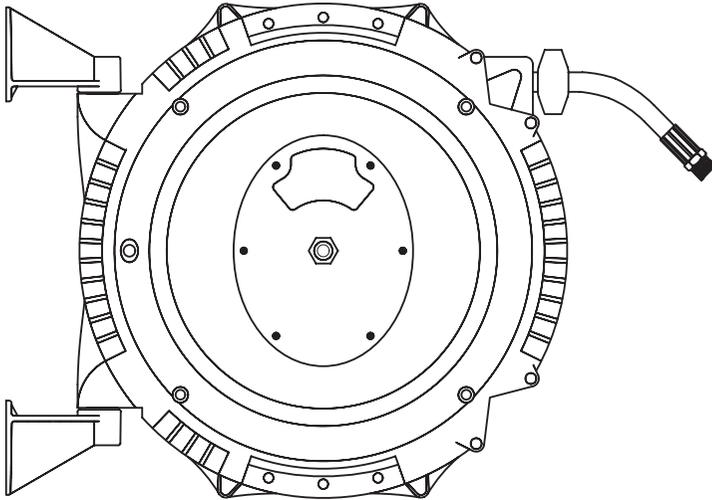


# INSTALLATION & CARE INSTRUCTIONS

**AQUAJET**  
manufactured by **MECHLINE**

**MERK15** - HOSE REEL PRODUCT

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Thank you for purchasing your AquaJet product.

## GENERAL ADVICE



**Please read and follow these instructions carefully as failure to do so may cause damage and/or personal injury and will invalidate the warranty.**

- Inspect the product for damage carefully before installation. No claims for damage can be accepted after installation.
- It is recommended that the packaging materials are saved for future transportation of the tool in the event of it requiring service or repair. If you decide not to keep them, they must be disposed of in an appropriate refuse collection container. These materials must not be left within the reach of children as they are potential sources of danger.
- **There are no user serviceable parts.** All maintenance and repairs which require the case to be opened or dismantled should be carried out by Mechline.
- This reel is **not** supplied with a connection hose or any fixings (screws, wall plugs or "S" hooks. Please make sure you use suitable fittings when installing. **A flexible connection hose must be used, failure to do so will void warranty.**
- Recommended water pressure 3 - 17 Bar (250psi) and maximum water temperature 80°C (176°F).
- Leave this Manual with the operator after installation.

## CHAPTER 1. GENERAL SAFETY

Mechline highly recommends that any operator familiarise themselves with the following safety points and other information contained in this manual before operating the reel.

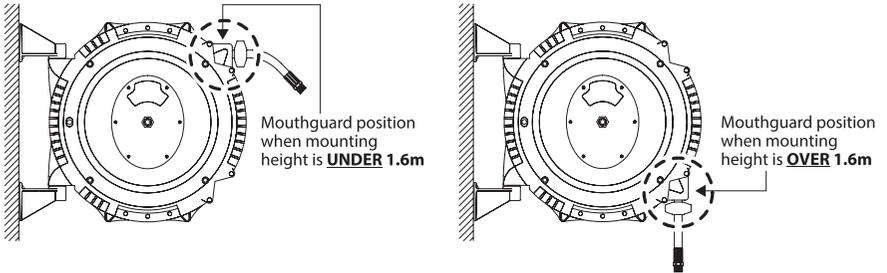


- 1.1 It is important to become familiar with the operation and function of the hose reel to avoid injury and damage to the reel.
- 1.2 Always ensure that the appropriate safety equipment is worn.
- 1.3 Familiarise yourself with the application and limitations of the hose reel, as well as specific hazards.
- 1.4 **WARNING!** Disconnect the hose reel from the water supply before changing accessories or performing any general maintenance.
- 1.5 Maintain the hose reel in good condition (see Maintenance section).
- 1.6 Replace or repair damaged parts. Use recommended parts only. Unauthorised parts may be dangerous and will invalidate the warranty.
- 1.7 Locate and fix the hose reel in a suitable working area. Do not position the reel in direct sunlight, or in areas of extreme heat or cold. Ensure there is adequate lighting.
- 1.8 **WARNING!** Ensure maximum pressure and water temperature for the hose reel is not exceeded.
- 1.9 Keep extended hose away from heat, oil and sharp edges. Check hose for wear before each use, and ensure all connections are secure.
- 1.10 Keep the unwound hose at a safe distance from the working area and free from wet, damp, oily surfaces.
- 1.11 Keep children and unauthorised persons away from the working area.
- 1.12 Maintain correct balance and footing. Ensure the floor is not slippery and wear non-slip shoes.
- 1.13 **DO NOT** operate the hose reel if any parts are damaged or missing as this may cause failure and/or personal injury.
- 1.14 **DO NOT** use the hose reel for any purpose other than that for which it is designed.
- 1.15 **DO NOT** operate the hose reel when you are tired or under the influence of alcohol, drugs or intoxicating medication.
- 1.16 **DO NOT** direct water from the hose at yourself or others.
- 1.17 **WARNING! DO NOT** dismantle the hose reel casing, or attempt to remove the screws and covers on the sides. To do so may result in damage to the appliance and/or personal injury and will invalidate the warranty. Internal maintenance, which will require the opening of the casing, must only be undertaken by Mechline.
- 1.18 **WARNING! DO NOT** let the hose reel fly back into the reel uncontrolled. Always keep a firm hold onto the hose and walk back with the hose as it is returned onto the reel.
- 1.19 **WARNING! DO NOT** walk away from the reel pulling the hose by the gun.

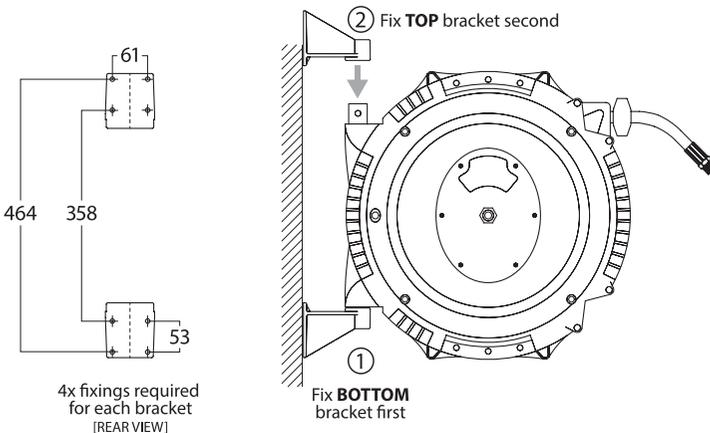
**CHAPTER 2. INSTALLATION - using the standard PIVOT brackets**

If using the optional wall (or floor) **fixed** mount bracket (part No. MERK-BKT) proceed to CHAPTER 3.

- 2.1 Ensure the structure to which the hose reel is to be fixed is of sound construction and strong enough to carry the weight of the reel plus the working strain exerted on it when in use.
- 2.2 For wall mounting at heights above 1.6m it is advisable to relocate the mouthguard to the lower position - see page 7. *Note: The hose exit point should not be more than 2.4 metres above floor level.*



- 2.3 Drill appropriate holes for the standard pivot brackets as shown in the diagram below.



- 2.4 Screw fix the bottom bracket onto the chosen surface using appropriate fixings. Position the hose reel onto this bottom bracket, then place the top bracket onto the reels top pivot point and proceed to screw securely to the wall.

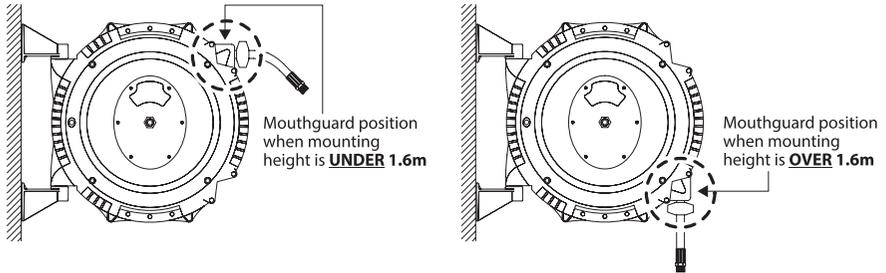
**IMPORTANT:** Do not leave the reel hanging unsupported in the bottom mounting bracket whilst reaching for fasteners or tools. Leaving the reel hanging freely places unnecessary stress on the bottom bracket, and may cause the bracket to fail immediately. If it does not break immediately, the bracket can be severely weakened and fail some weeks later during normal operation.

- 2.5 Proceed to CHAPTER 4.

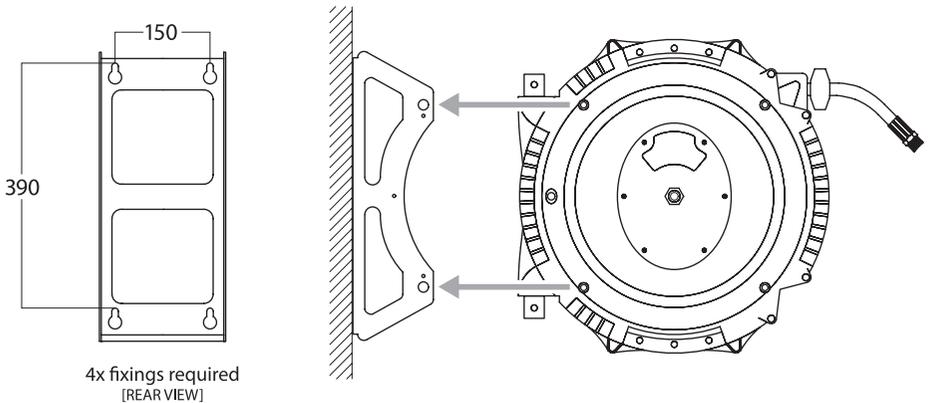
**CHAPTER 3. INSTALLATION - using the optional wall (or floor) FIXED bracket**

If using the standard wall **pivot** brackets go back to **CHAPTER 2**.

- 3.1 Ensure the structure to which the hose reel is to be fixed is of sound construction and strong enough to carry the weight of the reel plus the working strain exerted on it when in use.
- 3.2 For wall mounting at heights above 1.6m it is advisable to relocate the mouthguard to the lower position - see page 7. *Note: The hose exit point should not be more than 2.4 metres above floor level.*



- 3.3 Drill appropriate holes for the fixed bracket as shown in the diagram below.

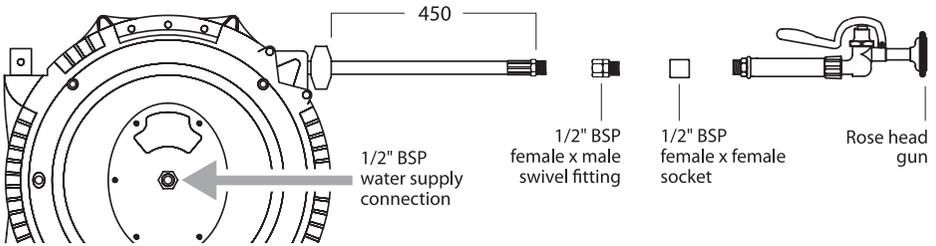


- 3.4 Screw fix the bracket onto the chosen surface using appropriate fixings.
- 3.5 Push the hose reel into the bracket so that the 2x lugs either side of the hose reel outer casing lock into the holes either side of the bracket.

**CHAPTER 4. INSTALLATION - of the ROSE head gun**

If using the **fan blade** gun proceed to CHAPTER 5, or for the **heavy duty** gun proceed to CHAPTER 6.

- 4.1 Fit the rose head gun as shown below using the 1/2" BSP female x male brass swivel fitting and the 1/2" BSP female x female stainless steel socket supplied.
- 4.2 Allow for a minimum distance of 450mm between the rubber stopper and the end of the hose.

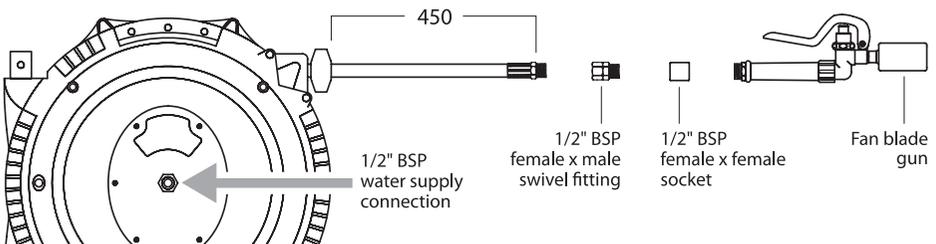


- 4.3 Use a thread sealing compound or PTFE tape to connect the water supply to the reel using a flexible hose sufficiently long to allow the reel to pivot side to side if using the pivot brackets.
- 4.4 Proceed to CHAPTER 7.

**CHAPTER 5. INSTALLATION - of the FAN BLADE head gun**

If using the **rose head** gun go back to CHAPTER 4, or for the **heavy duty** gun proceed to CHAPTER 6.

- 5.1 Fit the fan blade gun as shown below using the 1/2" BSP female x male brass swivel fitting and the 1/2" BSP female x female stainless steel socket supplied.
- 5.2 Allow for a minimum distance of 450mm between the rubber stopper and the end of the hose.

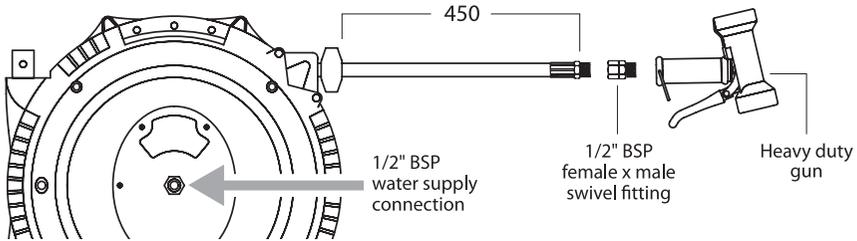


- 5.3 Use a thread sealing compound or PTFE tape to connect the water supply to the reel using a flexible hose sufficiently long to allow the reel to pivot side to side if using the pivot brackets.
- 5.4 Proceed to CHAPTER 7.

## CHAPTER 6. INSTALLATION - of the **HEAVY DUTY** gun

If using the **rose head** gun go back to CHAPTER 4, or for the **fan blade** gun go back to CHAPTER 5.

- 6.1 Fit the heavy duty gun as shown below using the 1/2" BSP female x male brass swivel fitting supplied.
- 6.2 Allow for a minimum distance of 450mm between the rubber stopper and the end of the hose.



- 6.3 Use a thread sealing compound or PTFE tape to connect the water supply to the reel using a flexible hose sufficiently long to allow the reel to pivot side to side if using the pivot brackets.
- 6.4 Proceed to CHAPTER 7.

## CHAPTER 7. OPERATION

- 7.1 Pull hose out to required length. A clicking noise will be heard every half revolution of the drum.



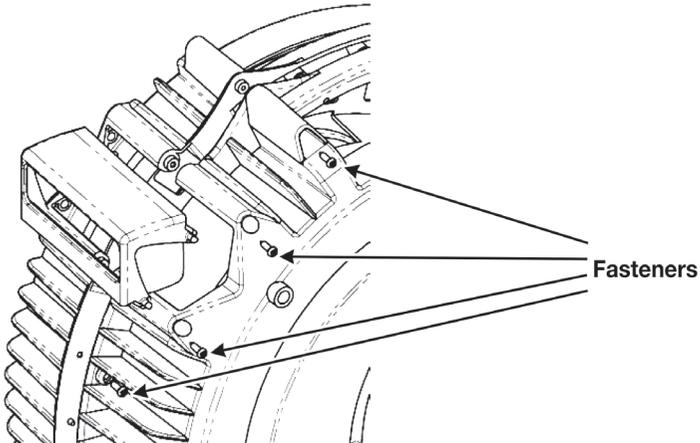
- 7.2 To latch the reel, allow the reel to slowly retract after hearing the 1st, 2nd or 3rd click.
- 7.3 To unlatch the reel, slowly pull out the hose until the clicking noise stops, then rewind by walking the hose back into the reel until the hose stopper rests against the reel mouth.

**WARNING!** To prevent injury or damage occurring, do not let go of the hose while you are rewinding it back into the reel.

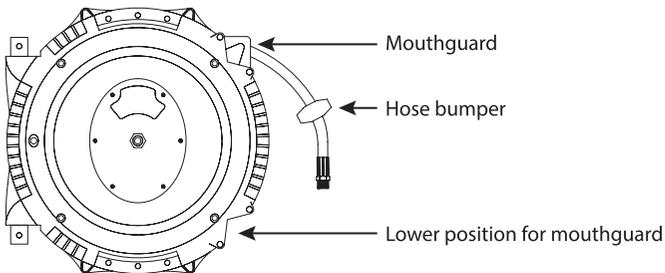
CHAPTER 8. RELOCATING MOUTHGUARD



- 8.1 For wall mounting at heights above 1.6m it is advisable to relocate the mouthguard to the lower position as follows. *Note: The hose exit point should not be more than 2.4 metres above floor level.*
- 8.2 Pull some of the hose out from the reel and lock it in position.
- 8.3 Remove the four fasteners as shown below and stretch the case open slightly to pop out the mouthguard from its location.



- 8.4 Remove the hose bumper and slide the mouthguard off the end of the hose.



- 8.5 Refit the four fasteners for the previous location and then remove the four fasteners ready to relocate the mouthguard into the lower position.
- 8.6 Stretch the case open slightly to fit the mouthguard into the lower position and refit the four fasteners to secure the mouthguard in place.
- 8.7 Refit the hose bumper before fitting your spray gun - see CHAPTERS 4, 5 and 6.

## SERVICING

There are no user serviceable parts. All maintenance and repairs which require the case to be opened or dismantled should be carried out by Mechline only.

## MAINTENANCE & CLEANING

The hose reel does not require special maintenance as it is lubricated for life. To ensure reliable operation, clean the hose and casing regularly.

**DO NOT** use solvents or detergents, as these may permanently damage the plastic.



**WARNING! DO NOT** dismantle the hose reel casing, or attempt to remove the screws and covers on the sides. To do so may result in damage to the appliance and/or personal injury and will invalidate the warranty.

## WARRANTY

The reel carries a **parts only warranty** of twelve (12) months and three (3) months on the hose itself, from date of invoice, against a manufacturing defect. Warranty excludes labour and/or site attendance and no reimbursement of costs can be made relating to site attendance by the customer or their representatives. The Warranty excludes improper use, misuse and inappropriate product selection for the application.

## TECHNICAL ASSISTANCE

For technical help please call **01908 267713** or e-mail [technical@mechline.com](mailto:technical@mechline.com)



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