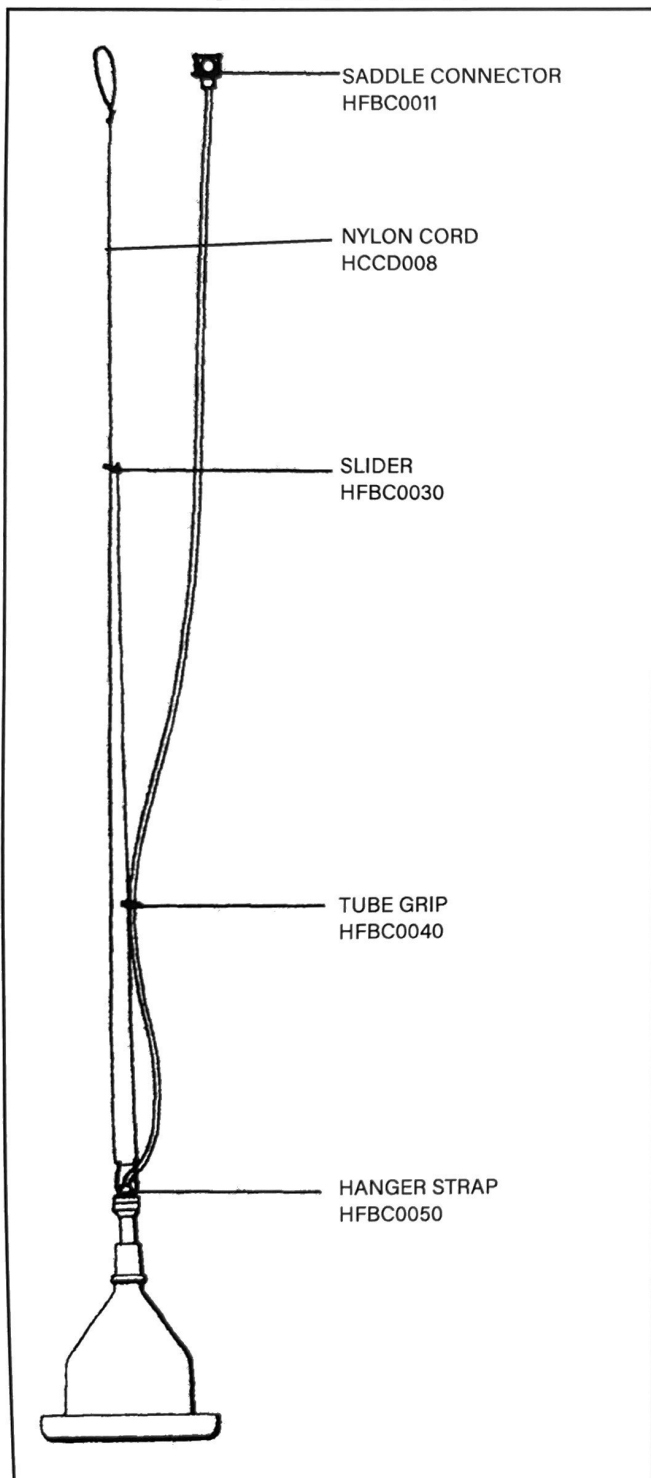


WM2E

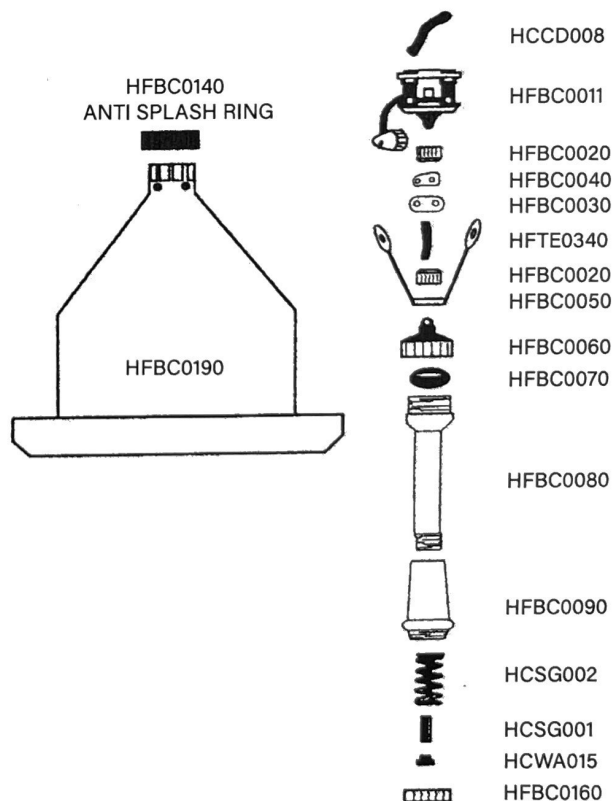
OPERATION



PARTS LIST

KEY

HCCD008 3MM CORD NYLON
 HFBC0011 SADDLE CONNECTOR COMPRESSION
 HFBC0020 1/4" BSP NUT
 HFBC0040 TUBE GRIP
 HFBC0030 SLIDER
 HFTE0340 WATERMASTER TUBING
 HFBC0050 HANGER STRAP
 HFBC0060 FILTER TOP COMPRESSION
 HFBC0070 FILTER DISC
 HFBC0080 STEM
 HFBC0090 ADJUSTER COLLAR
 HCSG002 MAIN SPRING
 HCSG001 VALVE SPRING
 HCWA015 VALVE WASHER
 HFBC0160 VALVE SEATING
 HFBC0140 ANTI-SPLASH RING
 HFBC0190 CONE WM2E



WM2E

Assembly & Operating Instructions

PLUMBING

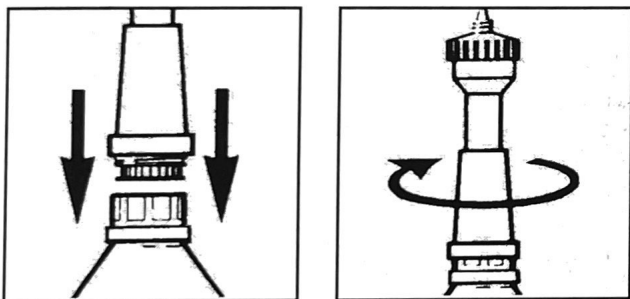
General Installation:

Internal plumbing should be galvanised 1/2" or 3/4" piping. Plastic piping may be used but well supported, as sagging can cause air locks. Connect Drinkers to the piping with the saddle connector supplied. Drill a 9/32" (7mm) hole into the piping and place the saddle clamp over. Do not overtighten the saddle clamp as this may create distortion and leakage.

Although the Watermaster 2E is fitted with its own filter element, an inline filter in each house installation is recommended.

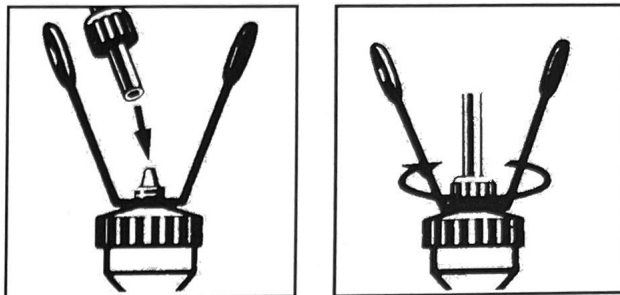
The Watermaster 2E is designed to work on a low pressure water supply, that is below 5p.s.i. (.35 bar). Ideally the supply should be from a header tank 8-12ft. above the ground.

1 ASSEMBLY



Check to ensure the top and bottom caps (part nos HFBC0060 and HFBC0160) are not loose. Then insert the black valve unit into the top of the cone, valve downwards. Push the black adjuster collar down until it locates into the threads. **Care must be taken not to cross the threads.** Continue screwing in a clockwise direction until the ratchet is reached. Normally, eight clicks give a starting point for adjustment. Level can then be controlled by rotating the adjuster collar clockwise for more depth, anti-clockwise for less. Watermasters should be installed and filled at least 24 hours before introducing the birds to ensure that they are working correctly. If a unit overfills, carefully dismantle the valve and check for any dirt or contamination. Reassemble and retest.

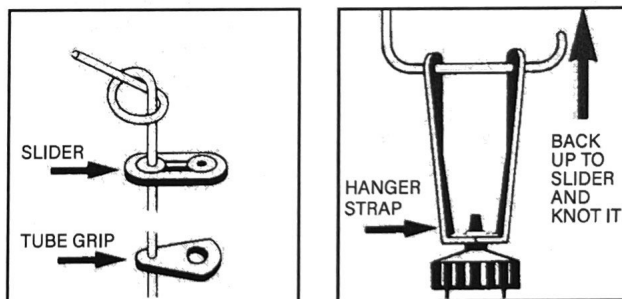
2 TUBE CONNECTIONS



Place a nut, thread outwards, onto the end of the tube. Push hanger strap over filter top. Push the tube onto the tapered end of the filter top as far as it will go. Tighten the nut firmly. Repeat at the saddle connector end.

3 SUSPENSION

Tie a looped knot in one end of the hanging cord. Pass the other end through one eye of the Slider, then through the small eye of the tube grip, then through both eyes of the hanger strap. Finally, pass this end back up to the slider and knot it through the remaining eye. The Watermaster 2E is suspended by this cord from the looped knot end. (SEE SUSPENSION DIAGRAM OVERLEAF).



For the most efficient operation, it is necessary to suspend the Drinkers above the height of the backs of the birds. With large birds and Layers the Drinkers should be set at about their eye level.