

DECK JET INSTALLATION INSTRUCTIONS

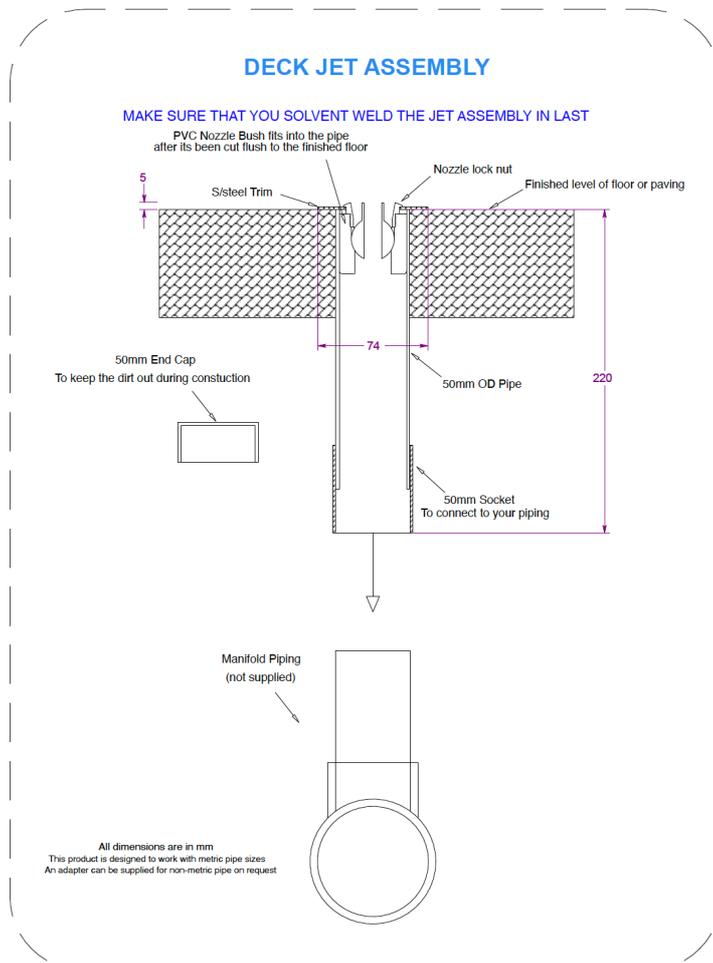
PIPING AND MANIFOLD DESIGN

Install your pipe manifold first. UPVC solvent welded piping is recommended.
 The manifold piping design and the length of riser pipes will affect the look and performance of your DECK JET.
 The manifold should be designed so that there is at least one 50mm diameter pipe supplying FIVE X 12mm nozzles or FIVE X 10mm nozzles (fig 1). For additional, the inlet piping from the DECK JET pump will need to be increase in size according to the total number of DECK JET's installed (fig 2)
 Design your manifold so that the jets are fed from both sides to create a RING FEED.
 The ring feed will connect to RISER PIPES that should all be the same in design, diameter and length.
 For swimming pool installations, locate your manifold so that the deck jets are as close to the coping edge as possible. No more than 300mm is recommended.
 Also be mindful that, when the DECK JET is adjusted to the maximum angle, the height of the jet is about the same as the distance that it will travel.
 Make sure that your riser pipe that is entering the 50mm OD DECK JET pipe as long as possible (300mm to 500mm is recommended).
 Use the 50mm OD pipe supplied to extend your riser pipes by using the 50mm socket supplied.
 Make sure that the top of the supplied pipe is at least 30mm higher than the finished floor covering but not more than 100mm above the finished floor covering. (Long pipes extending out of the floor can easily be damaged)
 Use the 50mm end cap supplied to close the end of your pipe to prevent any dirt from entering the pipe before you backfill.
 Its recommended that the manifold piping is bedded in sifted sand before you backfill and compact.
 The riser pipes should all be the same length, be straight (100% plumb) and in line after the manifold piping has been backfilled.

Each individual nozzle can also be adapted to connect to a flexible hose. Use a 25mm ID hose for each 12mm DECK JET or a 20mm ID hose for each 10mm DECK JET. Make sure that the 50mm OD pipe supplied is secure and plumb before installing the floor coverings.

DECK JET INSTALLATION

Once the floor coverings are installed, remove the end cap and cut the top off the riser pipe so that it is level with the finished floor.
 A small angle grinder with a thin steel blade works best for this. Take care not to damage the finished floor or waterproofing.
 Don't drop anything down the pipe.
Make sure that the DECK JET is assembled correctly. If you have taken your DECK JET apart, be sure to put the ball joint washer back in the correct way with the chamfered side towards the ball.
Check that the DECK JET fits all the way into the black pipe before you solvent weld it in place.
 Solvent weld the nozzle in making sure that the s/steel trim finishes flush to the floor and the nozzle insert nut, finishes flush with the stainless steel trim



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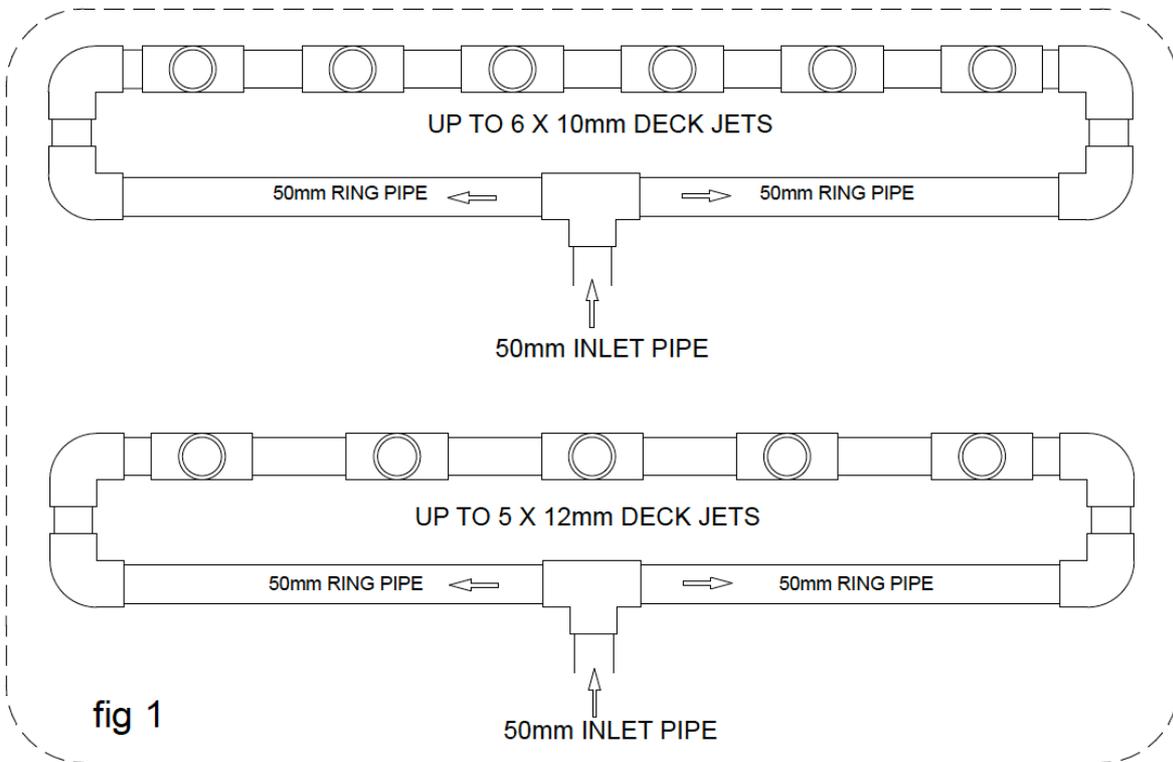
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Typical Ring Pipe Manifolds for a 50mm inlet pipe



Typical Ring Pipe Manifolds for a 63mm inlet pipe

