

Heat Pump Installation Kit

Kit Includes

4m 32mm Flex pipe
2 x 3/4" BSP M nipple
2 x 3/4"/1" bush
4 x 1" 90° solvent socket
2 x 1" socket union



10 x 1" rigid pipe x 65mm
4 x 1" to 32mm adaptor socket
2 x 1" Double Union Ball Valve
2 x 1" nipple
1 x Double Pole Isolator with 1m 5 core cable



Instructions for Installation

1. With spa turned off, isolate pump and heater.
2. Install heat pump drain as per 4.3 in manual
3. Install Heatpump as per 4.2 in manual and bolt/screw to floor with rubber pads under feet.
4. Remove 3/4" caps from Heatpump.
5. Use either silicone or thread tape on 3/4" socket nipple and screw into Heatpump.
6. Glue on 3/4" to 1" bush to nipple.
7. Glue on either 1" 45° or 90°
8. Glue on short 1" pipe
9. Glue on 1" socket nipple.
10. Glue on short 1" pipe.
11. Glue 1"-32mm socket onto 1" pipe.
12. Glue 32mm flexy pipe into socket.
13. On spa remove 1" screwed in plugs from Ts.
14. Put pipe glue on 1" socket nipple and screw into T, do this on both Ts.
15. Decide on exit point of pipe to heat pump.
16. Glue short 1" pipe into socket nipples.
17. Glue either 1" 90° or 45° onto this.
18. Glue short 1" pipe into this.
19. Glue 1" ball valve onto this, with flow arrow going away from pipe on both assemblies.
20. Glue short 1" pipe into 1" ball valve.
21. Glue 1"-32mm socket onto 1" pipe.
22. Glue 32mm flexy pipe onto socket.
23. Remove spa control panel front.
24. Remove copper strips between board and heater (ensuring stem of heater is held by spanner when undoing).
25. Attach Blue wire labelled HTR2 to pc board
26. Attach Blue sleeved wire to heater terminal opposite HTR2.
27. Attach Brown wire labelled HTR1 to pc board.
28. Attach Brown sleeved wire to heater terminal opposite HTR1.
29. Remove earth cable from J90 on board.
30. Fit piggy-back spey connector to J90 and put original earth lead onto piggy-back spey.
31. Clamp isolator cable on box clamp.
32. Attach isolator to frame of spa in obvious place.