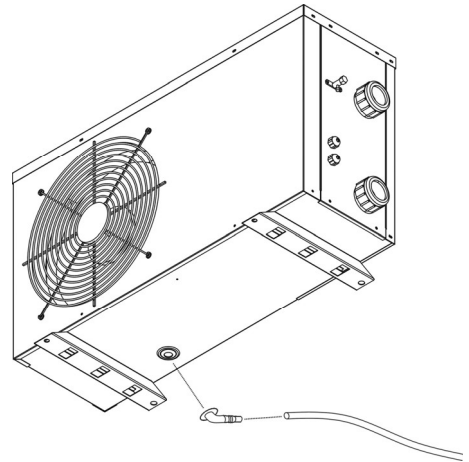


4.3 Pipework insulation

In order to keep power consumption to a minimum, it is recommended that all external pipe work connecting the heat pump to the spa pool should be insulated.

4.4 Condensation drain

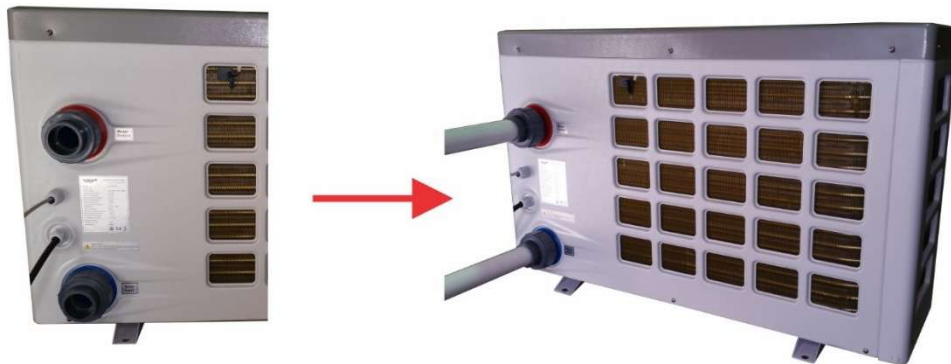
During humid conditions, as part of the heat exchange process the evaporator may produce a lot of condensation. Please install the drain connector as shown in the picture aside, so the condensation run off can be directed to a suitable location. In very cold climates (i.e. ambient temperatures below 0°C) the drain connector should not be used to prevent becoming blocked with ice during periods of idle activity.



4.5 Installation of water pipes

4.5.1 Glued Union Fittings

1. Ensure both tail piece and locking ring are screwed/fitted to the heat pump and tightened before gluing water pipe to union tail. This will ensure the tail piece has an even seal against the o-ring.
2. Use PVC priming fluid on end of water pipe and union tails before gluing. Once primed glue pipes into place and ensure pipes are running straight and square into heat pump.



IMPORTANT

Ensure the pipe work running from the heat pump to the spa pool is supported. DO NOT have long runs of pipe in mid-air above the ground without support. Ideally return the pipes to ground level as they exit the heat pump to ensure the pipe work is self-supporting.

NOTE: Once the pipe work is full of water it will become heavy and will place strain on the heat pump outlets if the pipe work is not supported. In the case of glued union fittings, if the pipe work is unsupported the strain could cause stress damage to the outlets and potential leaks.

IT IS THE INSTALLER'S RESPONSIBILITY TO ENSURE THE PIPE WORK IS ADEQUATELY SUPPORTED AND RESTRAINED TO PREVENT MOVEMENT AND STRESS.