

HEAT PUMPS

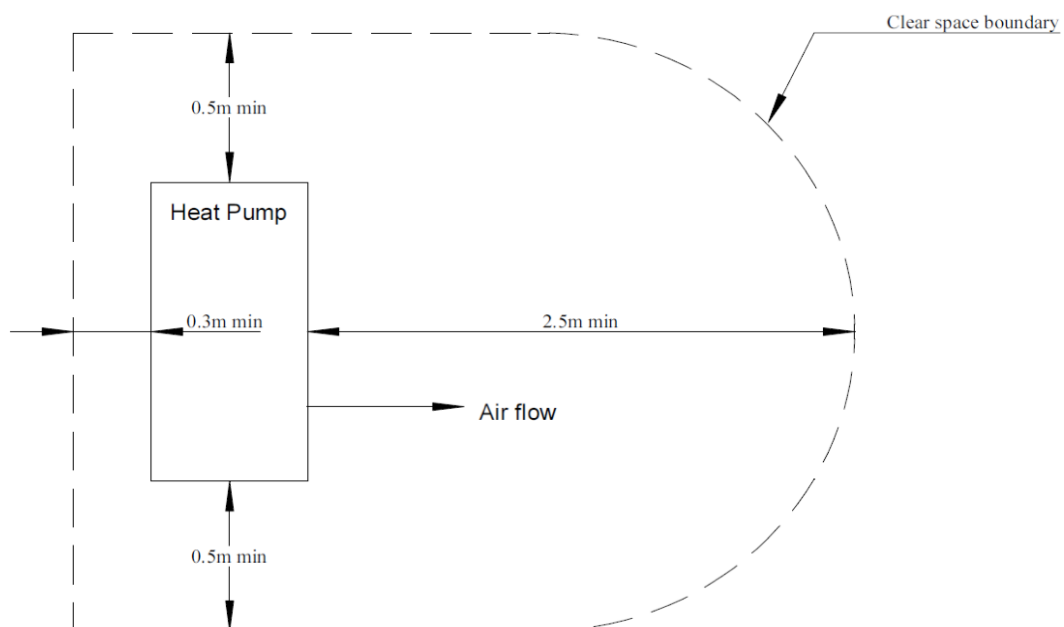


Heat pumps are external air conditioning units that can be purchased to reduce heating costs by up to 75% and cool water in summer. If you have purchased a Heat Pump or plan to install one at a later point in time it is important that you consider where the Heat Pump will reside as Heat pumps require specific clearances to work efficiently and to not void warranties. Specifications may change between manufacturers but

attached is a good general guide.

Clearance diagram

The air flow out (2.5 meters min) is very important as when this area is reduced the unit will recycle the same air causing it to work less efficiently and potentially damaging the unit.



Heat pump spa connection

Different manufactures may have heat pump connections in different positions so it is important that you view a plumbing diagram of the spa to determine correct location of unit in relation to spa. The other important fact here is the heat pump unit must not be more than **5 meters** away from connection point in the spa.

Standard installation

- Provide a flat level concrete surface for the heat pump to be installed on. This must be set at a height that prevents water flowing through the bottom of the heat pump in the event of heavy rain or spills.
- The heat pump must be installed at a height that is within 100 mm of the base of the spa. (Height variances more than 100 mm may require a larger pump to cope with pressure demands.)
- The heat pump is supplied with a 5 metre power cable (AMP Plug), and a 5 metre data cable (RJ45 Plug). If extension or change of connection is required, the customer must have a qualified electrician on hand to complete this task.
- The installer will provide all flexible and PVC hard pipe for connections within the dimensions described above.
- Installers will not be responsible for the removal of any external objects such as decks or gazebos, in order to complete the installation.
- The installer can quote any insulation of external plumbing, after the installation of the heat pump.

Additional information can be obtained from the spanet internal site under heat pumps <http://www.spanet.com.au/>

